(1) MTA ROW in URBAN AREA (UA) TABLE (*most current to date*)
(2) ANNUAL PUNCHLISTS and IMPLEMENTATION SCHEDULE (TABLE 1 OF SPMP)
(3) PERMIT YEAR 1 (2008 TO 2009) – annual Report with Tables and DEP Comments
(4) PERMIT YEAR 2 (2009 TO 2010) – annual Report with Tables and DEP Comments
(5) PERMIT YEAR 3 (2010 TO 2011) – annual Report with Tables
(6) PERMIT YEAR 4 (2011 TO 2012) – annual Report with Tables
(7) PERMIT YEAR 5 (2012 TO 2013) – annual Report with Tables

MCM 1: EDUCATION AND OUTREACH

i. 2013 Training materials (PY5)
ii. MTA Board Presentation May 2013 (PY5)
iii. ISWG Summary of Minimum Control Measure 1 (PY5)
iv. 2012 Training materials (PY4)
v. *Mile Post: Maine Turnpike Authority's Employee Newsletter*. Summer 2012 (PY4)
vi. ISWG Summary of Minimum Control Measure 1 (PY4)
vii. 2011 Training materials (PY3)
viii. Ducky II PSA media campaign contribution (PY3)
ix. ISWG Summary of Minimum Control Measure 1 (PY3)
x. Adopted Awareness Plan (PY2)
xi. Adopted BMP Adoption Plan (PY2)
xii. 2010 Training materials (PY2)
xiii. 2009 Training materials (PY1)
xiv. MTA Environmental website information (PY1)

MCM 2: PUBLIC INVOLVEMENT AND PARTICIPATION

i. List of meetings attended by MTA personnel/contractors (PY5)
ii. List of Stormwater MS4 coordinators (PY5)
iii. List of meetings attended by MTA personnel/contractors (PY4)
iv. List of Stormwater MS4 coordinators (PY4)
v. List of meetings attended by MTA personnel/contractors (PY3)
vi. List of Stormwater MS4 coordinators (PY3)
vii. Think Blue Campaign information (PY3)
viii. List of meetings attended by MTA personnel/contractors (PY2)
ix. List of Stormwater MS4 coordinators (PY2)
x. List of meetings attended by MTA personnel/contractors (PY1)
xi. List of Stormwater MS4 coordinators (PY1)
xii. Think Blue Campaign information (PY1)

MCM 3: ILLICIT DISCHARGE AND DETECTION ELIMINATION (IDDE)

i. Disk of IDDE Tracking Forms and Maps (PY5-1) ***NOTE: See MCM 6 for completed forms***
ii. Spill Reports (PY5)
iii. Updated IDDE Program SOP (PY4)
iv. Spill Reports (PY4)

v. Updated IDDE Tracking Forms (PY3)
vi. Spill Reports (PY3)
vii. Spill Reports (PY2)
viii. Initial IDDE Inventory and Inspection Logs (PY1)

MCM 4: CONSTRUCTION SITE RUNOFF CONTROL

i. ESC practices – Training Record (PY3)
ii. CPEC Program (PY2) ***General contents for Project Development & Construction***
iii. ESC practices – construction site inspection form (PY1)

MCM 5: POST-CONSTRUCTION STORMWATER MANAGEMENT

i. Post construction O&M Plans (PY5)
ii. Post construction O&M Plans (PY4)
iii. O&M Schedule – HQ BMP monthly inspection tracking form (PY3)
iv. CPEC Program (PY3) ***General contents for Post – Construction***

MCM 6: POLLUTION PREVENTION (P2) AND GOOD HOUSEKEEPING

i. Disc of completed IDDE tracking (PY5-1)
ii. Annual sweeping activities memo (PY5) – **To be inserted by MTA**
iii. 2012 MOA Report (PY5)
iv. Annual sweeping activities memo (PY4)
v. 2011 MOA Report (PY4)
vi. Annual sweeping activities memo (PY3)
vii. 2010 MOA Report (PY3)
viii. Annual sweeping activities memo (PY2)
ix. 2009 MOA Report (PY2)
x. Annual sweeping activities memo (PY1)
xi. 2008 MOA Report (PY1)

Maine Turnpike Authority
2360 Congress Street
Portland, Maine 04102

VIA E–MAIL

September 13, 2013

Mr. David Ladd
Municipal and Industrial Stormwater Coordinator
Bureau of Land and Water Quality
Maine Department of Environmental Protection
17 State House Station
Augusta, Maine 04333-0017

SUBJECT: Maine Turnpike Authority (MTA)
Stormwater Program Management Plan (SPMP)
Maine DEP Permit # MER043001
Annual Report for Permit Year 5 (July 2012 through June 2013) (PY5)

Dear David:

On behalf of Maine Turnpike Authority, I am pleased to submit this Annual Summary Report for Permit Year 5 (PY5), which satisfies the requirements in Part IV(J) of the Maine Pollutant Discharge Elimination System (MPDES) General Permit for Stormwater Discharges from Maine Department of Transportation (MaineDOT) and MTA Municipal Separate Storm Sewer Systems (MS4s).

This Annual Summary Report describes MTA's program of Best Management Practices (BMPs) accomplished and status of Measurable Goals (MGs) for each of the six Minimum Control Measures (MCMs) for PY5, which were originally presented in MTA's SPMP (dated December 2008). In short, MTA has successfully met the PY5 requirements as outlined in the SPMP.

A current copy of the SPMP is not included in this report, as it was submitted to the Maine Department of Environmental Protection (Maine DEP) in December 2008. The Plan remains unchanged and is still current and applicable with the exception that a small stretch of Urbanized Area (UA) was identified in the Town of Kittery during PY2. As originally noted in the PY3 annual report, this minor update was addressed in **Table 1 – Summary of MTA Facilities and Other Features within UA**, as well as discussions relative to MCM 1 and 3 in the PY3 letter report.

BACKGROUND

In accordance with Part IV(A) of the MPDES MS4 General Permit, MTA's SPMP was developed for the purpose of establishing, implementing and enforcing a stormwater management program to reduce the discharge of pollutants from MTA's roadways, drainage areas and facilities within UAs to the maximum extent practicable to protect water quality, and to satisfy the appropriate water quality requirements of the Clean Water Act (CWA). MTA's SPMP and accompanying Notice of Intent

(NOI), which were submitted to the Maine DEP in December 2008, outline the program of BMPs and MGs that MTA has incorporated to meet the requirements of the following six MCMs:

1. Public education and outreach on stormwater impacts;
2. Public Involvement and Participation;
3. Illicit Discharge Detection and Elimination (IDDE);
4. Construction site stormwater runoff control;
5. Post-construction stormwater management in new development and redevelopment; and
6. Pollution prevention/good housekeeping for community/facility operations.

For each of the MCMs, MGs have been established to evaluate the designated BMPs. These MGs have been assigned an implementation schedule and/or milestones for implementation of applicable BMPs. Additionally, specific MTA personnel are delegated the responsibility for implementing each BMP. The work plan/implementation schedule, which summarizes the MCMs, MGs, applicable BMPs and the designated responsible party's name and job title as found in the SPMP, has been updated to include a summary of achievements and completed goals for PY5. This summary is included in this report as **Table 2 – Stormwater Program Management Plan (SPMP) Implementation Schedule.**

The following sections present a summary of achievements and completed goals for the fifth year of implementation (PY5) and evaluation of the SPMP requirements.

SUMMARY OF SPMP PERMIT YEAR 5 ACHIEVEMENTS AND COMPLETED GOALS

In accordance with the MPDES General Permit Part IV(J), this Annual Summary Report presents a summary of significant goals achieved during the fifth year (July 2012 through June 2013) of implementation of the MTA's SPMP including an evaluation of BMPs and MGs established for the six MCMs discussed above. Specifically, Part IV(J) of the permit requires the following annual documentation relative to the SPMP:

MPDES Part IV(J)(1) -- By September 15, 2009, 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 current copy of the Plan (including a detailed implementation schedule), 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.

The SPMP has not been modified or updated since its submittal to the Maine DEP on December 19, 2008. Therefore, a current copy of the SPMP is not included with this Annual Summary Report. However, all of the MCMs, MGs, and BMPs are summarized in the work plan/implementation schedule presented in **Table 2** of this report.

b. Results of information collected and analyzed, including monitoring data, if any, during the reporting period.

No water quality monitoring data, including field screening or laboratory analysis, was conducted during this reporting period (PY5). However, data relative to each BMP and MG are summarized in the section for each specific MCM. For example, some of the process and impact indicators evaluated for **MCM 1** are included in the narrative section for **MCM 1** (see below); the number and type of inspections conducted as part of the Illicit Discharge Detection and Evaluation (IDDE) program are included with the summary for **MCM 3**.

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 identified measurable goals that apply to the program elements.

No significant changes to the SPMP implementation schedule or MGs have been proposed for Permit PY5. Although no Memorandum of Agreement (MOA) was developed in coordination with Maine DEP and MaineDOT (as originally indicated in the SPMP under **MCM 4 and 5**), MTA continues to enforce these MCMs through contract documents and has developed a Construction Project Environmental Compliance (CPEC) Program to ensure compliance with MS4 MGs and other stormwater requirements. The CPEC Program is summarized in **MCMs 4, 5 and 6**, but also includes **MCM 1** requirements (e.g., incorporating Stormwater Awareness and BMP Adoption Plans into project-specific documents for MTA contractors and employees alike). Please refer to **Table 2** copied directly from the SPMP for a listing of achieved MGs in PY1 through PY5 (in blue font).

e. *A summary describing the activities, progress, and accomplishments for each of the MCM #1 through #6 (including such items as 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 illuminated, 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).*

A summary of achievements and completed goals for PY5 is shown on attached **Table 2** and the primary or key results are summarized for each MCM in the subsections below. No correspondence requiring action has been received from Maine DEP regarding the PY4 Annual Report. At the request of Maine DEP, additional supporting documentation has not been attached to this annual report, but can be made available to Maine DEP upon request.

MCM 1 – Public Education and Outreach on Stormwater Impacts: As shown on **Table 2**, the revised SPMP training program was conducted for MTA Maintenance personnel and Engineering inspectors to address pollution reduction in stormwater runoff. The stormwater training program, which is combined with Spill Prevention, Control and Countermeasures (SPCC) topics, as well as Erosion and Sedimentation Control (ESC) practices, was performed in May 2013 by regulatory specialists from GZA GeoEnvironmental, Inc. and MTA alike. The training was attended by approximately 100 MTA employees[1]. Prior to conducting training, the combined SPCC/Stormwater/ESC training curriculum was updated circa April 2013 to reflect the following information:

- All aggregate changes in PY1 through PY4;
- New GIS-based maps with Discharge Points to waterbodies and other MS4 conveyances identified; and
- A preview of MS4 2013 changes (e.g., additional UA, etc.).

In addition to these updates, MTA SPCC/Stormwater/ESC training sessions held in 2013 also re-emphasized the training updates from PY1, PY2, PY3, and PY4, which included (but were not limited to) the following:

[1] Please note that in years past MTA has generally provided training for approximately 111 to 130 employees; the reason for the decrease in attendants since PY1 is twofold. First, these training sessions are generally conducted throughout the month of May and initially included seasonal employees, who assisted with winter plowing through April; however, seasonal employees were not working during training and therefore did not attend. Second, the training sessions for building maintenance staff were limited to spill prevention topics and has not addressed the full spectrum of stormwater management topics since PY2; therefore, MTA training efforts focused primarily on comprehensive training for personnel routinely involved in inspecting stormwater infrastructure, performing stormwater maintenance activities and conducting earthwork activities.

- Revisions to the MPDES MS4 Permit requirements (i.e., IDDE policy changes to reflect ditch/outfall requirements and more);
- Additional UA identified in York and Kittery (i.e., a summary of UA reviewed that is similar to **Table 1** of this report);
- Introduction of MTA's MS4 UIS strategy, which identified Goosefare Brook and Hart Brook as MTA's two designated highest priority watersheds with considerations of other UIS watersheds (e.g., Long Creek, Capisic Brook, Red Brook, etc.);
- MTA's Mobile SPCC Plan, which includes procedures regarding refueling of mobile equipment, such as mowers, loaders and other heavy equipment (i.e., avoid and minimize refueling within UA and Urban Impaired Streams (UIS) watersheds);
- Development and implementation of new MTA CPEC program, post-construction Operations and Maintenance (O&M) Plans including BMP inspection forms for maintenance activities;
- Revisions to MTA's IDDE (see Table 2);
- Requirements within the Long Creek watershed and other areas where watershed management plans (WMPs) are emerging;
- Quarterly and annual reporting associated with MTA's Annual MOA Report, including routine O&M, recertification, etc.; and
- Maintenance (e.g., sweeping, catch basin cleanouts, outfall inspections, etc.) as per MTA's MS4 UIS Strategy.

Also as part of **MCM 1**, MTA has adopted an Awareness Plan and BMP Adoption Plan. Both of these Plans were provided as handouts during training and discussed to ensure that all MTA employees are aware of the three goals of this MCM in PY1 through PY5:

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

The training sessions described above, which included in-class test/examination and a workshop session, provided an opportunity to assess process and impact indicators associated with the Stormwater Awareness and BMP Adoption Plans drafted by MTA. The following summary of process and impact indicators has been prepared based on information collected during training sessions for MTA employees in attendance. *Comparisons to previous data collected in PY1 are presented in italic font*; *additional data for PYs can be found in* **Table 2**.

Process Indicators for PY5:

- Number of 3-hour training sessions conducted: **6** *(PY1 = 8 sessions[2]; PY3 = 6 sessions)*
  - One session at each of the following MTA maintenance facilities: York, Kennebunk, Crosby/South Portland, Gray, and Gardiner; and
  - One make-up session at MTA headquarters (HQ).
- Number of MTA employees attended: **100** *(PY1 = 111 employees[3]; PY3 = 93 employees)*

[2] During PY1 and PY2, the number of sessions was eight (8). This number was reduced in PY3 through PY5 since MTA employees from Auburn, Litchfield and Gardiner Maintenance Facilities now attend a combined training session at Gardiner Maintenance.

Impact Indicators for PY5:

- Average test score for the SPCC/stormwater/ESC training sessions: **99.7%** *(PY1 = 92%; PY3 = 92%)*
- Percentage of MTA employees able to identify the goals of the Stormwater Awareness and BMP Adoption Plans: **96% = 96 out of 100 attendees** *(PY1 = 90.9%; PY3 = 91.4%)*
- Percentage of MTA employees able to identify (and differentiate between) a structural and non-structural BMP: **92% = 92 out of 100 attendees** *(PY1 = 87.5%; PY3 = 92.4%)*
- Percentage of MTA employees who demonstrated applied knowledge of BMP-specific information (i.e., silt fence must be installed prior to disturbing land, hay mulch must be placed at the end of each day, etc.): **83% = 83 out of 100 attendees** *(PY1 = 82%; PY3 = 75.3%)*
- Percentage of MTA employees able to identify sources of stormwater pollution: **93% = 93 out of 100 attendees** *(PY1 = 96%; PY3 = 92%)*

In addition to the impact indicators above, MTA employees were also evaluated on their knowledge of the following best practices:

- Percentage of MTA employees able to identify the most important criteria when selecting a mobile refueling site (i.e., consider public safety and protection of the environment, avoid refueling within or near Urbanized Area and Urban Impaired Streams, etc.): **93% = 93 out of 100 attendees**
- Percentage of MTA employees who demonstrated applied knowledge of illicit discharges (i.e., vehicle fluids released from a patron vehicle that flow into a nearby catch basin, antifreeze spill from an automobile accident toward a storm drain, etc.): **86% = 86 out of 100 attendees**
- Percentage of MTA employees able to identify the proper action when an illicit discharge is detected: **96% = 96 out of 100 attendees**

The impact indicators provide some insight into the progress and effectiveness of the annual stormwater training sessions. In general, the impact indicators in PY5 provide demonstrated data that MTA employees remain knowledgeable in stormwater and ESC practices, as evidenced by the consistency in the average test scores from PY1 to PY5.

Analysis of MTA employee knowledge of best practices was performed to assess the impact indicators in PY5. Test scores indicate that MTA employees are knowledgeable in applying their training in the field and that the annual stormwater training is effective.

With respect to the Stormwater Awareness and BMP Adoption Plans, it is also important to note that MTA's CPEC Program, which was developed in PY2, requires contractors conducting work on projects located within UA to receive and review a copy of both Plans, as well. More information on MTA's CPEC Program is included in summaries for **MCMs 4 through 6.**

With respect to MTA's continuation of education and outreach efforts from the previous 5-year permit cycle, MTA offers the following accomplished MGs:

- MTA personnel (or their designee) have attended and participated in multiple public meetings, seminars, and conferences, including at least six (5) Interlocal Stormwater Working Group

[3] The decrease in the number of employees since PY1 has been due to the lack of seasonal employees and Building Maintenance employees attending the annual stormwater training.

(ISWG) meetings[4], as well as stormwater meetings for the York County MS4 cluster and the Lewiston/Auburn area MS4 cluster.

- MTA also participated in several additional stormwater-related efforts including: (1) attending Watershed Management Plan Meetings for UIS watersheds within and outside of UA; (2)displaying "Think Blue" Ducky stickers in visible areas at MTA Facilities including toll booths and service plazas; (3) continuing a link from MTA's environmental website to the CCSWCD's yardscape program; (4) giving a presentation to the MTA Board in May of 2013 and (5) participating in statewide salt management round table meeting and follow up discussions.
- MTA also requires, in contract documents and as part of the CPEC Program, all contractors to submit training certificates for the delegated on-site responsible party (OSRP) on MTA contracted projects to ensure they are adequately trained and knowledgeable in ESC from Maine DEP's Non-Point Source (NPS) Training Program or an equivalent program.

MCM 2 – Public Involvement and Participation: The MTA's public notice policy and scheduled public meetings during PY5 complied with the Maine Freedom of Access Act. MTA maintains a list of public meetings attended by MTA and/or their designees (e.g., counsel, consultants, etc.); MTA can provide a copy of the list of meetings to Maine DEP upon request.

MTA continues to maintain close communication with MS4 communities and their respective Stormwater Coordinators, primarily through participation in the Greater Portland Interlocal Stormwater Working Group (ISWG) and recent statewide MS4 meetings convened by DEP and Maine Municipal Association (MMA). MTA maintains a list of Stormwater Coordinators and meetings, which are available upon request. Additionally, MTA has continued to be closely involved with the evolving management requirements of UIS watersheds both within and outside of UA. MTA also continues to communicate periodically with host municipalities regarding watershed management planning efforts within MTA's two priority watersheds:

- Hart Brook (within UA in Lewiston); and
- Goosefare Brook (within UA in Saco).

In addition to these watershed-based efforts, MTA also was involved and participated in the following efforts in fulfillment of **MCM 2** in PY5 (that were mentioned in **MCM 1**):

- Continued to provide a link from MTA's website to CCSWCD's yardscape program;
- Displayed "Think Blue" Ducky stickers at MTA facilities in highly visible areas such as toll booths and service plazas; and
- Attended statewide salt management round table meetings to remain abreast of follow-up discussions and subcommittee activities.

MCM 3 – Illicit Discharge Detection and Elimination (IDDE): The UA within MTA's ROW was mapped during the previous MPDES Permit cycle using 2000 Census Bureau data. Furthermore, MTA's existing MS4 maps, which include unique identifiers and flow arrows for conveyances, is supplemented by a Microsoft® Office Access database (also developed in the previous 5-year MS4 permit cycle) that contains the construction information for each outfall and catch basin, as well as the proximate receiving surface waterbody. In PY2, an additional short stretch of UA along MTA's ROW near the Kittery/York Town Line was identified, mapped and inventoried consistent with MS4 requirements described above. In PY3, GPS locations were recorded and added to MTA's mapping of existing stormwater infrastructure for two additional UIS watersheds:

- Capisic Brook watershed within UA in Portland in the vicinity of Exit 48; and

[4] MTA maintains a list of public meetings, seminars and conferences to demonstrate education and outreach opportunities. This list is available to Maine DEP upon request.

- Red Brook watershed outside UA in Scarborough and South Portland in the vicinity of Exit 44.

In PY4, MTA continued to update existing MS4 maps, which included identifying open ditches within MTA's ROW and the conversion of existing MS4 maps to maps utilizing ArcGIS (ESRI). Also in PY4, MTA's IDDE SOP was reviewed and updated to include MTA's open ditch systems to ensure that illicit discharge detection in these systems will be implemented appropriately, not only in MTA's two highest priority UIS watersheds, but within MTA's UA.

In PY5, MTA completed the process of identifying open ditches within MTA's ROW and the conversion of existing MS4 maps to maps utilizing GIS technology. Also in PY5, MTA's tracking forms used to capture dry weather inspection and catch basin cleanout information were updated to include open ditches and the assumed direction of flow and discharge points to waterbodies and/or MS4 conveyances.

MTA continues to use tracking forms to capture dry weather inspection and catch basin cleanout information, which are available upon request to Maine DEP. The data collected during outfall inspections and catch basin cleanouts is then managed using a Microsoft® Office Access database.

Although MTA operates seven Highway Maintenance facilities from Kittery to Augusta, only four of the MTA territories intersect with UA; these include Highway Maintenance facilities located in the following areas (see **Table 1** for more information on UA and MTA territories):

- York Maintenance Facility
  - Inspects and maintains 1.1 linear miles of UA within Kittery and York
  - Includes approximately 16 catch basins (CBs), 12 outfalls (OFs), and 6 Discharge Points[5] (DPs) within UA
    - 100% of CBs and OFs inspected by June 24, 2013
    - 62% of CBs and OFs required no cleaning during PY5
- Kennebunk Maintenance Facility
  - Inspects and maintains UA within:
    - Saco (2.7 linear miles)
    - Biddeford (approximately 1 linear mile)
    - Goosefare Brook watershed (at Exit 36)
  - Includes approximately 86 CBs, 56 OFs, and 36 DPs
    - 100% of CBs and OFs inspected by August 30th, 2013
    - 90% of CBs and OFs required no cleaning during PY5
- South Portland at Crosby Farm
  - Inspects and maintains UA within:
    - Scarborough (0.4 linear mile)
    - Portland (approximately 5.2 linear miles)
    - Falmouth (approximately 2.6 linear miles)
    - Capisic Brook watershed (at Exit 48)
  - Includes approximately 192 CBs, 132 OFs, and 35 DPs in UA and Long Creek watershed
    - 90% of CBs and OFs inspected by August 8,2013[6]

[5] Discharge points are areas where runoff from MTA's ROW may either enter a receiving waterbody or another permitted MS4 system (i.e., municipal or MaineDOT stormwater conveyance).

        - Approximately 10% of CBs and OFs required cleaning during PY5
    - Inspects and maintains non-UA infrastructure within the watersheds of Red Brook and Long Creek
- Auburn Maintenance Facility
    - Inspects and maintains UA within:
        - Auburn (approximately 1.1 linear miles)
        - Lewiston (slightly less than 1 linear mile of UA, but MTA has mapped all apparent CBs and OFs within the municipal boundaries)
        - Sabattus (0.7 linear mile)
        - Hart Brook watershed (in the vicinity of Exit 80)
    - Includes approximately 89 CBs, 61 OFs, and 16 DPs in UA
        - 100% of CBs and OFs inspected in PY5 by June 3, 2013
        - 90% of CBs and OFs required no cleaning during PY5, since recent construction activities in the area required contractors to cleanout catch basins before finishing a construction project.

MTA Highway Maintenance employees, who have been trained annually to identify, document and report all "*discharges that do not consist entirely of stormwater*" to MTA's Environmental Services Coordinator, conducted inspections and cleanouts in PY5.

- Priority was given to conducting dry weather inspections of outfalls that discharge to the two highest priority watersheds (Hart Brook and Goosefare Brook) consistent with MTA's Priority UIS strategy; additional watersheds outside UA that were inspected in PY5 include:
    - Long Creek watershed in South Portland (i.e., another 50 catch basins and 30 outfalls to the conveyances inspected and cleanouts tracked by MTA); and
    - Red Brook watershed in Scarborough (i.e., another 14 catch basins and 5 outfalls to the conveyances inspected and cleanouts tracked by MTA).
- No illicit discharges or non-stormwater discharges were identified, however, five spills within UA occurred in PY5, which were reported to Maine DEP and cleaned up immediately before potential illicit discharges were permitted to reach stormwater infrastructure or waters of the State.
    - July 12, 2012: A patron car struck road debris on the Exit 32 southbound departing ramp in Biddeford resulting in approximately 10 to 25 gallons of gasoline being released to the paved exit ramp which was promptly cleaned up and disposed of under the direction of the Maine DEP's spill response personnel.
    - September 15, 2012: A patron vehicle accident on the Exit 42 southbound departing ramp in Scarborough resulted in approximately 5 to 10 gallons of gasoline being released to the paved exit ramp and soil shoulder which were promptly cleaned up and disposed of under the direction of the Maine DEP's spill response personnel.
    - September 28, 2012: Two patron trucks collided at southbound Mile Marker (MM) 33.5 in Saco resulting in approximately 100 to 150 gallons of diesel fuel being released to the center median soil which was promptly cleaned up and disposed of under the direction of the Maine DEP's spill response personnel.
    - November 1, 2012: A battery malfunction in the emergency electrical generator building at the MTA Exit 32 Biddeford Toll Facility resulted in a battery explosion

[6] Several sections of MTA ROW within the Crosby territory were under construction and not able to be inspected and/or cleaned out in portions of PY5.

that released approximately 0.5 gallons of sulfuric acid on to the floor and walls of the generator building which were promptly cleaned up and disposed of under the direction of the Maine DEP's spill response personnel.

- November 30, 2012: A patron truck struck road debris, which punctured the right side diesel saddle tank, at southbound Mile Marker (MM) 3.5 in Kittery resulting in approximately 75 gallons of diesel being released to the paved shoulder and soil shoulder which were promptly cleaned up and disposed of under the direction of the Maine DEP's spill response personnel.

- Sediments were removed from catch basins with priority given to (1) those located within UIS watersheds, specifically Hart Brook and Goosefare Brook; and (2) those located within the median of MTA's ROW, as sediments tend to accumulate more rapidly in these median conveyances. Sediments were disposed of in accordance with an existing Memorandum of Understanding with Maine DEP.

MCM 4 Construction Site Stormwater Runoff Controls: For many years, MTA has implemented MS4 elements to control stormwater runoff from construction sites (e.g., require contractors' OSRP to be trained by Maine DEP's Non-Point Source (NPS) program and provide appropriate certification; inspect and document BMPs for construction performed by MTA employees; etc.). In PY5, MTA continues to maintain these requirements, as well as those construction-related requirements associated with Chapter 500 and the MOA, including the application of MaineDOT's BMP/ESC Manual to all projects regardless of the one acre threshold thus often exceeding the requirements of this MS4 permit.

As you know, MTA reports annually to Maine DEP regarding construction projects and associated BMPs (structural and non-structural), as part of the Annual MOA report[7]. Although the MOA report is not limited to MTA ROW within UA, active construction projects in PY5 that disturbed one acre or more within UA were documented using MTA's CPEC Program, which includes inspection documents, stormwater requirements and other environmental compliance considerations.

MTA continues to rely on binding contract language to ensure that contractors comply with the construction-related BMPs/requirements of (1) Chapter 500; (2) applicable portions of the MOA; (3) Maine Construction General Permit (CGP); and (4) the MS4 permit. MTA employees and contractors are trained extensively on construction site stormwater runoff controls and are required to conduct weekly inspections and maintain inspection documentation for review when performing construction that disturbs land (even less than one acre). Furthermore, in PY2 MTA implemented the CPEC Program, which required the projects listed above to be inspected as follows:

- Prior to construction (e.g., photographs taken, temporary BMPs in place, etc.);
- On a weekly basis during construction by a qualified MTA representative (e.g., Inspector or Engineer) along with the contractor's OSRP, who is appropriately trained;
- When transitioning from construction to post-construction (i.e., prior to submitting the Notice of Termination [NOT] for the CGP); and
- As part of CPEC Program audits.

The CPEC Program provides a mechanism to ensure that stormwater requirements and other environmental regulatory obligations, including inspections and corrective actions, are considered and documented during construction and appropriate actions are taken for reducing pollutants in stormwater from construction activities. Subsequently, no significant corrective actions were required for these projects where multiple Maine DEP permits may apply (i.e., MS4, CGP, and Ch500/MOA).

[7] MTA's Annual MOA Report was submitted to Maine DEP in August 2013.

MCM 5 Post-construction Stormwater Management in New Development and Redevelopment: Similar to **MCM 4**, MTA has implemented many MS4 elements related to post-construction stormwater management for new development and redevelopment to minimize water quality impacts for many years (i.e., training employees on long term O&M practices, etc.). In PY5, MTA continues to maintain these requirements, as well as post-construction standards associated with Chapter 500 and the MOA throughout MTA ROW regardless of whether or not there is a direct discharge to the waters of the State. MTA provides a summary of these annual O&M practices to Maine DEP in the Annual MOA Report, which was most recently submitted to Maine DEP in August 2013.

To ensure that adequate long-term O&M is continued for newly constructed BMPs, MTA develops and implements an O&M plan for each project as part of the CPEC Program that is incorporated into the CPEC binder for each specific project. Highway Maintenance personnel have been certified by Maine DEP's NPS Program (as reported in MTA's Annual MOA Report); these qualified personnel are also trained internally to implement the CPEC Program, specifically these post-construction O&M plans. To date, seven (7) O&M plans have been developed for construction projects completed within UA; these are listed in the table below. As mentioned, the O&M plans are maintained in the CPEC binder and are available to Maine DEP upon request for all projects undertaken by MTA.

MTA Contract #	Contract Name for O&M Plan	Location/ Mile Marker
PROJECTS WITHIN UA		
2012.01	Pavement Rehab 062612	Saco River and Payne Road Pavement Rehabilitation
2012.05	Falmouth Spur Bridge Rehab 062512	Presumpscot River Bridge Repair
2011.02	Exit 48 Underpass 022412	Exit 48 Underpass
2010.03	Presumpscot River 112911	Presumpscot River Bridge
2010.04	Washington Street Bridge 022812	Washington Street Bridge
2010.07	York Paving 030512	York Paving
2009.03	Route 196 112911	Route 196
PROJECTS WITHIN URBAN IMPAIRED STREAM WATERSHED (BUT NOT UA)		
2012.17	DRAFT Exit 45 Paving 112112	Exit 42/45 Acceleration Ramp Extensions
2012.17	DRAFT Exit 42 Paving 112112	Exit 42/45 Acceleration Ramp Extensions
2010.05	Gorham Road 043012	Gorham Road Bridge

MCM 6 – Pollution Prevention (P2) and Good Housekeeping for Community/Facility Operations: As discussed under **MCM 1**, MTA employees continued to be trained in stormwater P2 and ESC practices, as well as good housekeeping practices. MTA's training program also incorporates construction and post-construction inspection and O&M requirements.

Consistent with previous years, street sweeping was given priority and was conducted within all UA as soon as possible after snow melt within the following UIS watersheds:

- Within UA: Hart Brook in Lewiston and Goosefare Brook in Saco; and
- Outside UA: Long Creek in South Portland and Red Brook in Scarborough.

Using MTA's new vacuum sweeper purchased in PY2, sweeping is conducted at least once each year on linear areas and multiple times each year in peripheral areas, such as interchanges, toll plazas, park-and-ride lots and other facilities. Specifics on sweeping and other P2/good housekeeping measures are tracked each year as part of the Annual MOA Report[8].

As mentioned in **MCM 3**, MTA continues to operate its annual CB cleanout and OF inspection program consistent with previous years, which ensures that CBs are cleaned out, OFs are inspected and collected sediments are disposed of appropriately. A list of maintenance to conveyances and structures is generated from these annual inspections within UA to supplement the comprehensive annual inspection of MTA's infrastructure that is conducted by a qualified engineer contractor.

Although MTA does not operate any vehicle maintenance facilities within UA, MTA continues to implement the following measures relative to the objectives of **MCM 6**:

1. SPCC Plans with integrated Stormwater Pollution Prevention Measures for all MTA Highway/Equipment Maintenance Garages that address the proper use, storage and disposal of petroleum products, as well as non-petroleum products and other hazardous materials;
2. To supplement spill response and prevention measures in the facility-specific SPCC Plans, MTA has developed and implemented a Mobile SPCC Plan for all MTA ROW, and specifically addresses more stringent practices within UA;
3. The integrated stormwater pollution prevention measures incorporated in these SPCC and Pollution Prevention Plans address vehicle and equipment storage practices, maintenance and refueling;
4. Post-construction requirements have been developed and implemented for newly installed structural BMPs include an O&M plan and schedule to ensure long-term maintenance;
5. Construction and post-construction inspection requirements have been implemented for all projects (even those less than 1 acre of disturbed area) in accordance with the Chapter 500 MOA; and
6. MTA maintains an existing road-killed wildlife policy.

If you have any questions concerning this Annual Summary Report of MTA's MS4 SPMP, please do not hesitate to call me at (207) 871-7771, ext. 359.

Respectfully,

John M. Branscom
Environmental Services Coordinator for
Maine Turnpike Authority

Attachments: Table 1 - *Summary of MTA Facilities and Other Features within UA*
Table 2 - *Stormwater Program Management Plan (SPMP) Implementation Schedule*

cc: Robyn Saunders; GZA GeoEnvironmental, Inc.

[8] The number of linear miles and ancillary facilities (e.g., service plazas, overhead bridges, interchanges, etc.) is tracked in the data supporting the 2012 Annual MOA Report that was submitted to Maine DEP in August 2013.

TABLE 1
Summary of MTA Facilities and Other Features within UA
Maine Turnpike Authority

REGULATED SMALL MS4 COMMUNITY	MILE MARKER DELINEATION [1] Northern Boundary	MILE MARKER DELINEATION [1] Southern Boundary	LINEAR DISTANCE OF UA SEGMENT (Miles)	MTA FACILITY FEATURES [2] WITHIN UA (Roadway and ROW assumed)	WATER BODIES	STREAMS [3]
SABATTUS	**MM 84.3** Lisbon Road Underpass	**MM 83.6** Sabattus Town Line	**0.7**	*None identified*	*None identified*	None identified
LEWISTON	**MM 79.6** Goddard Road Overpass	**MM 78.9** Androscoggin River	**0.7**	*None identified*	*None identified*	1 **Hart Brook**[6] (also known as Dill Brook) 2 Androscoggin River
Intermittent contact (< 0.1 mi) within Lewiston UA	**MM 81.4** Route 196 & MCRR Overpass		**< 0.1**	*None identified*		
	MM 80.8 Ferry & Cottage Road Overpass		**< 0.1**	**Exit 80** Park and Ride (parking lot)		
AUBURN	**MM 78.9** Androscoggin River	**MM 78.4** Riverside Road	**0.5**	*None identified*	*None identified*	2 Androscoggin River
	MM 75.6 Washington Street Overpass	**MM 75.0** Kitty Hawk Avenue Underpass	**0.6**	**Exit 75** Interchange (ramp) **Exit 75** Park and Ride (parking lot)		
FALMOUTH	**MM 53.4** Mountain Road Underpass	**MM 51.8** Presumpscot River	**1.6**	**Exit 53** Interchange (ramp) **Exit 53** Toll Plaza **Exit 53** West Falmouth Park and Ride (parking lot)	*None identified*	3 Unnamed tributary of Presumpscot River (crosses Turnpike near Exit 53 NB on-ramp)
	Falmouth Spur midpoint between CNRR Overpass and Falmouth/Middle Road Overpass	**Falmouth Spur** Falmouth Road/Middle Road Overpass	**≈ 0.1**	*None identified*		
	Falmouth Spur Presumpscot River	**Falmouth Spur** Portland/Falmouth Town Line	**≈ 0.9**	*None identified*		4 Presumpscot River
PORTLAND	**Falmouth Spur** Exit 52 Interchange	**Falmouth Spur** Portland/Falmouth Town Line	**≈ 0.1**	**Exit 52** Interchange (ramps and spur)	*None identified*	4 Presumpscot River
	MM 51.8 Presumpscot River	**MM 46.7** Stroudwater River	**5.1**	**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)		5 Northerly unnamed tributary of Presumpscot River (crosses Turnpike south of Riverside Street overpass) 6 Southerly unnamed tributary of Presumpscot River (crosses Turnpike south of Route 302 overpass) 7 **Capisic Brook**[6] (within Turnpike ROW south of Warren Ave overpass) 8 **Nasons Brook**[6] (crosses Turnpike south of Brighton Ave and RR overpass) 9 Stroudwater River
SCARBOROUGH	**MM 42.0** Two Rod Road Underpass	**MM 41.6** Unnamed tributary of Beaver Brook	**0.4**	**Exit 42** Scarborough Park and Ride (parking lot)	*None identified*	10 Unnamed tributary of Beaver Brook (crosses Turnpike south of Two Rod Road underpass)
SACO	**MM 35.7** Goosefare Brook	**MM 33.0** Saco River	**2.7**	**Exit 36** Interchange (ramps) Former Exit 36 Interchange (ramps) Saco Hotel and Conference Center Exit	*None identified*	11 **Goosefare Brook**[6] 12 Deep Brook 13 Cole Brook 14 Saco River
BIDDEFORD	**MM 33.0** Saco River	**MM 32.0** Thacher Brook	**1.0**	**Exit 32** Biddeford Park and Ride (parking lot)	*None identified*	14 Saco River (including wetlands on southern bank along SB lanes) 15 Unnamed tributary of Saco River (crosses Turnpike south of South Street and runs parallel) 16 Thacher Brook
KITTERY	**MM 4.2** Kittery town line	**MM 3.1** Cutts Road	**1.1**	**Rest Area** Welcome Center (operated by MaineDOT)	*None identified*	17 Libby Brook (crosses Turnpike in two places near Welcome Plaza)
MDOT Territory	**MM 2.2** Spruce Creek *(End of Turnpike)*	**MM 0.0** Maine/New Hampshire State Line	**2.2**	**Exit 1** Interchange **Exit 2** Interchange **Exit 3** Interchange		18 Spruce Creek 19 Chickering Creek 20 Piscataqua River

NOTES:

1.) 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.

2.) MTA facility features identified within each host MS4 communities include the roadway (i.e., paved roads, bridges, etc.) and ROW (e.g., approximate 300-foot wide corridor along MTA roadway), as well as interchanges (i.e., approach ramps), spurs and toll plazas as indicated. "*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.
Please note that none of the MTA maintenance facilities are located within UA.

3.) Streams were identified by using the corresponding 7.5-minute series topographic United States Geological Survey (USGS) quadrangle. Stream locations, as well as water body information, in this table will be updated as more detailed mapping is performed and made available.

4.) Urbanized areas (UA) along the Maine Turnpike's approximate 300-foot ROW within each of the regulated small MS4 municipalities were delineated using purple cross-hatching on the corresponding USGS maps that are included in the Part A NOI submittal that is included in this document as Appendix A. UA delineation is based on the UA maps provided for each regulated municipality on the Maine Department of Environmental Protection's (DEP's) website, which include "Automatically Designated MS4 Areas".
(Reference: http://www.state.me.us/dep/blwq/docstand/stormwater/maps/index.htm)

5.) Copies of the corresponding UA maps and applicable portions of the USGS quadrangles are presented in the Part A NOI submittal that is included in this document as Appendix A.

6.) Maine DEP classifies several specific waterways within the state designed as Urban Impaired Streams (UIS). A number of these streams cross MTA's ROW in UA as listed. These include: Dill Brook, Capisic Brook, Nasons Brook, and Goosefare Brook. The SPMP identifies Goosefare Brook and Dill Brook (i.e. Hart Brook) as the two priority watersheds within MTA's terrority.

TABLE 2
STORMWATER PROGRAM MANAGEMENT PLAN (SPMP) IMPLEMENTATION SCHEDULE
Maine Turnpike Authority

MINIMUM CONTROL MEASURE #1 (MCM 1)

MPDES Permit Part IV(H) 1. Public education and outreach. *The three goals of this minimum control measure are: 1. to raise awareness that polluted stormwater runoff is the most significant source of water quality problems in Maine's waters; 2. to motivate people to use Best Management Practices (BMPs) which reduce polluted stormwater runoff; and 3. to reduce polluted stormwater runoff as a result of increased awareness and utilization of BMPs. 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		ACHIEVEMENTS and COMPLETED GOALS	DOCUMENTATION	RESPONSIBLE PARTY
a. Required Strategies.							
a(i) Raise Awareness (Goal 1); Beginning July 1, 2008, 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 & 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.*	Develop an Awareness Plan to raise awareness of stormwater issues amongst employees and contractors **Urban Impaired Stream (UIS) Strategy:** The Awareness Plan will place emphasis on raising awareness within MTA's two designated highest priority UIS watersheds (e.g., Hart Brook and Goosefare Brook).	*The Awareness Plan's will raise awareness of polluted stormwater runoff issues and will provide for assessment of process and impact indicators.*	Year 1:	Develop an Awareness Plan for employees and contractors	Drafted an Awareness Plan for MTA employees and contractors	Maintain a copy of the Plan and associated documents (i.e., updated	Environmental Services Coordinator and/or Designated Consultant
			Year 2-3:	Implement BMPs associated with Awareness Plan for employees and contractors	Increased awareness of polluted stormwater runoff issues by providing employees and contractors with MTA's Awareness Plan through employee training and/or the Construction Project Environmental Compliance (CPEC) program implemented for contracted projects in Permit Year (PY) 2 and PY3.	**Maintain a copy of the Plan and associated documents in the updated training curriculum and also in CPEC binder documents**	
			Year 4-5:	**Continue following the time line and implementation schedule in Awareness Plan**	**MTA continues to increase awareness of polluted stormwater runoff issues by providing employees and contractors with MTA's Awareness Plan through employee training and/or the Construction Project Environmental Compliance (CPEC) program implemented for contracted projects in PY4 and PY5**		
		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).	**Year 1-5:**	**Continue to assess process indicators as part of the Annual Report**	• PY1: A total of 111 MTA employees attended one of eight stormwater training sessions (each 3-hour sessions) conducted at each of the MTA highway maintenance facilities. • PY2: A total of 95 MTA employees attended one of eight 3-hour stormwater training sessions conducted at each of the MTA highway maintenance facilities. • PY3: A total of 93 MTA employees attended a 3-hour stormwater training session conducted at one of the MTA highway maintenance facilities where annual training was offered. • PY4: A total of 98 MTA employees attended a 3-hour stormwater training session conducted at one of the MTA highway maintenance facilities where annual training was offered. **• PY5: A total of 100 MTA employees attended a 3-hour stormwater training session conducted at one of the MTA highway maintenance facilities where annual training was offered.** **• The Awareness Plan was provided to MTA employees and reviewed during each training session.** **• Each employee was tested on stormwater awareness topics (i.e., PY1: in-class exam; PY2: in-class "jeopardy" participation; PY3 thru PY5: in-class exam).**	**Maintain training documentation to assess process indicators, which include (but are not limited to) the following:** *** training schedules,** *** sign-in/attendance rosters,** *** test/evaluations, and** *** other materials (e.g., database)**	
		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:	Assess impact indicators as part of the Annual Report	The average test score for each of the 8 stormwater training sessions was 90% or higher (overall average: 92%). • Please refer to the text of the annual progress report for an assessment of additional impact indicators.	**Conduct an evaluation (i.e., exam, pop-quiz, etc.) following training to measure awareness of stormwater pollution, BMPs and/or runoff issues**	
			Year 3:	Assess impact indicators as part of the Annual Report	The average test score for each of the 6 stormwater training sessions was 90% or higher (overall average: 92%). • Please refer to the text of the annual progress report for an assessment of additional impact indicators. • Please note that the reduction in the number of training sessions held in PY3 (i.e., 6 versus 8 in PY1 and PY2) was because several sessions were combined (i.e., employees from Litchfield and Auburn Maintenance Facilities traveled to Gardiner Maintenance Facility for annual training on the same date).		
			Year 5:	**Assess impact indicators as part of the Annual Report**	**The average test score for each of the 6 stormwater training sessions was 99.74%.** **• Please refer to the text of the annual progress report for an assessment of additional impact indicators.** **• Please note that the reduction in the number of training sessions held in PY5 (i.e., 6 versus 8 in PY1 and PY2) was because several sessions were combined (i.e., employees from Litchfield and Auburn Maintenance Facilities traveled to Gardiner Maintenance Facility for annual training on the same date).**		

Italic font: MS4 permit language
Blue font: MGs accomplished to date
Red font: UIS Strategy
Bold font: Goals achieved during current permit year

TABLE 2
STORMWATER PROGRAM MANAGEMENT PLAN (SPMP) IMPLEMENTATION SCHEDULE
Maine Turnpike Authority

MINIMUM CONTROL MEASURE #1 (MCM 1)

MPDES Permit Part IV(H) 1. Public education and outreach. *The three goals of this minimum control measure are: 1. to raise awareness that polluted stormwater runoff is the most significant source of water quality problems in Maine's waters; 2. to motivate people to use Best Management Practices (BMPs) which reduce polluted stormwater runoff; and 3. to reduce polluted stormwater runoff as a result of increased awareness and utilization of BMPs. 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		ACHIEVEMENTS and COMPLETED GOALS	DOCUMENTATION	RESPONSIBLE PARTY
a. Required Strategies.							
a(ii) Target BMP Adoption (Goal 2): Beginning July 1, 2008, 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 establish measurable goals. Progress on 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.*	Develop a BMP Adoption Plan for employees and contractors to minimize stormwater pollution **Urban Impaired Stream (UIS) Strategy:** The BMP Adoption Plan will place emphasis on utilizing target BMPs within MTA's two designated highest priority UIS watersheds (e.g., Hart Brook and Goosefare Brook).	Identify target BMPs to be utilized by employees and contractors that minimize stormwater pollution	Year 1:	Identify target BMPs to be utilized by employees and contractors	Drafted a BMP Adoption Plan for MTA employees and contractors	**Maintain compliance with Chapter 500 standards, MOA requirements and/or MaineDOT BMP Manual for MTA projects constructed and maintained**	Environmental Services Coordinator and/or Designated Consultant
			Year 2-5:	**Implement BMPs and continue to identify additional BMPs that minimize stormwater pollution**	**MTA continues to Implement BMPs and continue to identify additional BMPs that minimize stormwater pollution as part of MTA operations:** **- BMPs continue to be emphasized in CPEC program; and** **- Target BMPs are listed in MaineDOT's BMP Manual, which is referenced in contract language for MTA projects.**		
		Process indicators relate to the execution of the program	**Year 1-5:**	**Assess process indicators as part of the Annual Report**	• PY1: A total of 111 MTA employees attended one of eight stormwater training sessions (each 3-hour sessions) conducted at each of the MTA highway maintenance facilities. • PY2: A total of 95 MTA employees attended a 3-hour stormwater training session conducted at each of the MTA highway maintenance facilities. • PY3: A total of 93 MTA employees attended a 3-hour stormwater training session conducted at one of the MTA highway maintenance facilities where annual training was offered (i.e., York, Kennebunk Crosby/South Portland, Gray, Gardiner, or make up session at MTA HQ). • PY4: A total of 98 MTA employees attended a 3-hour stormwater training session conducted at one of the MTA highway maintenance facilities where annual training was offered. **• PY5: A total of 100 MTA employees attended a 3-hour stormwater training session conducted at one of the MTA highway maintenance facilities where annual training was offered.** **The BMP Adoption Plan was provided to MTA employees and reviewed during each training session. Each employee was tested on BMP-specific topics (i.e., PY1: in-class exam; PY2: in-class "jeopardy" participation; PY3 thru PY5: in-class exam).**	**Conduct inspections of work sites to provide a baseline for future assessment of process indicators (i.e., as part of CPEC program implementation in Permit Year 2)**	
		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**	**Please refer to the text of the annual progress report for an assessment of impact indicators**	**Maintain copies of training records, 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: *(1) Continued existing education and outreach efforts (existing efforts from pervious 5-year Plan are indicated in blue text);* *(2) Reported process and impact indicators; and* *(3) Completed annual reports and a 5-year analysis of the plans.*	a. Conduct training to address pollution reduction in stormwater runoff for MTA employees **Urban Impaired Stream (UIS) Strategy:** Information regarding MTA's two designated highest priority UIS watersheds will be incorporated into the existing education and outreach efforts continued from previous MS4 permit cycle.	Ensure MTA employees are educated and appropriately trained	Year 1:	Continue Stormwater Training Program for MTA staff	A total of 111 MTA employees were trained as part of MTA's stormwater training program, which was continued and revised to include (but not limited to): * Erosion prevention and sedimentation control, including construction and post-construction BMPs, O&M and inspection requirements; and * Information on priority UIS watersheds (e.g., Hart Brook, Goosefare Brook), as well as Long Creek (a non-UA watershed)	**Maintain stormwater training schedule, rosters, quizzes, etc.**	Environmental Services Coordinator and/or Public (Government & Community) Relations Office
			Year 2:		A total of 95 MTA employees were trained as part of MTA's stormwater training program, which was continued and revised to include (but not limited to): * Mobile refueling procedures in UA and UIS watersheds; * Additional UA identified in York and Kittery; * Development of Construction Project Environmental Compliance (CPEC) Program; * Erosion prevention and sedimentation control, including construction and post-construction BMPs, O&M and inspection requirements; and * A review of PY1 information, including MS4 permit revisions, priority UIS strategy and other UIS watershed considerations.		

Italic font: MS4 permit language
Blue font: MGs accomplished to date
Red font: UIS Strategy
Bold font: Goals achieved during current permit year

TABLE 2

STORMWATER PROGRAM MANAGEMENT PLAN (SPMP) IMPLEMENTATION SCHEDULE

Maine Turnpike Authority

MINIMUM CONTROL MEASURE #1 (MCM 1)

MPDES Permit Part IV(H) 1. Public education and outreach. *The three goals of this minimum control measure are: 1. to raise awareness that polluted stormwater runoff is the most significant source of water quality problems in Maine's waters; 2. to motivate people to use Best Management Practices (BMPs) which reduce polluted stormwater runoff; and 3. to reduce polluted stormwater runoff as a result of increased awareness and utilization of BMPs. 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		ACHIEVEMENTS and COMPLETED GOALS	DOCUMENTATION	RESPONSIBLE PARTY
a. Required Strategies.							
			Year 3:	Continue Stormwater Training Program for MTA staff	A total of 93 MTA employees were trained as part of MTA's annual SPCC/stormwater/ESC training program, which was continued and revised to include (but not limited to): * Erosion prevention and sedimentation control, including construction and post-construction BMPs, O&M and inspection requirements; and * A review of PY1 and PY2 information, including MS4 permit revision, priority UIS strategy and other UIS watershed considerations, CPEC Program, mobile refueling procedures in UA and UIS watersheds, and erosion prevention and sedimentation control. Additional information on MSGP potential requirements, such as quarterly visual monitoring procedures, was also provided in a separate training session for Highway Maintenance Supervisors.		Environmental Services Coordinator and/or Public (Government & Community) Relations Office
			Year 4:		A total of 98 MTA employees were trained as part of MTA's annual SPCC/stormwater/ESC training program, which was continued and revised to include (but not limited to): * Erosion prevention and sedimentation control, including construction and post-construction BMPs, O&M and inspection requirements; and * A review of PY1, PY2 and PY3 information, including MS4 permit revision, priority UIS strategy and other UIS watershed considerations, CPEC Program, mobile refueling procedures in UA and UIS watersheds, and erosion prevention and sedimentation control. Additional information on MSGP potential requirements, such as quarterly visual monitoring procedures, was also provided in a separate training session for Highway Maintenance Supervisors.		
			Year 5:	**Continue Stormwater Training Program for MTA staff**	**A total of 100 MTA employees were trained as part of MTA's annual SPCC/stormwater/ESC training program, which was continued and revised to include (but not limited to): * All aggregate changes in PY1 thru PY4 above; * New GIS-based maps with Discharge Points to water bodies and other MS4 conveyances identified; and * A preview of MS4 2013 changes (e.g., additional UA, etc.).**		
	b. Require contractors to maintain an on-site responsible party (OSRP) who is trained in erosion and sediment control	Ensure that OSRP has the authority to promptly remedy any deficient controls	**Year 1-5:**	**Continue to obtain Erosion and Sedimentation Control (ESC) certification from contractors' OSRP**	**MTA continues to require Contractors to submit training documentation for ESC certification (e.g., as part of CPEC program, during pre-construction meetings, etc.). Standard contract documents remain in place stipulating that a qualified OSRP is on-site and authorized to remedy ESCs appropriately.**	**Maintain ESC certification documents from contractors**	
	c. Continue to coordinate with local groups as appropriate	Ensure that MTA continues to coordinate with the public, municipalities, MaineDOT, ISWG, etc. regarding stormwater information	Year 1-4:	Address stormwater topics at meetings and on MTA website	MTA continued to coordinate with others on important stormwater issues (including MTA's two priority UIS watersheds) by: (1) participating in the Greater Portland ISWG; (2) attending Watershed Management Planning meetings for UIS watersheds; (3) contributing to the DEP's "Think Blue" (i.e., Ducky II public service announcement) media campaign; (4) including information on stormwater in newsletters, internal and public meetings, etc.; and (5) maintaining an environmental link on the MTA website, including a link to the CCSWCD yardscape program.	**Maintain log of meetings and update of website**	
			Year 5:	**Address stormwater topics at meetings and on MTA website**	**MTA continues to coordinate with others on important stormwater issues (including MTA's two priority UIS watersheds) by: (1) participating in the Greater Portland ISWG, Southern Maine (York County) stormwater group, and Lewiston/Auburn are stormwater group; (2) attending Watershed Management Planning meetings for UIS watersheds; (3) including information on stormwater in newsletters, displaying "Think Blue" Ducky stickers in visible areas, internal, MTA Board and public meetings, etc.; and (4) maintaining an environmental link on the MTA website, including a link to the CCSWCD yardscape program.**		

Italic font: MS4 permit language
Blue font: MGs accomplished to date
Red font: UIS Strategy
Bold font: Goals achieved during current permit year

TABLE 2
STORMWATER PROGRAM MANAGEMENT PLAN (SPMP) IMPLEMENTATION SCHEDULE
Maine Turnpike Authority

MINIMUM CONTROL MEASURE #2 (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 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, addition expertise and a conduit to other programs.*

MCM REQUIREMENT	BEST MANAGEMENT PRACTICES (BMPs)	METHODOLOGY/PURPOSE	MEASURABLE GOALS		ACHIEVEMENTS and COMPLETED GOALS	DOCUMENTATION	RESPONSIBLE PARTY
a. Required Strategies.							
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. 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 measuring 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.	Year 1:	**Continue to ensure all public meetings that address stormwater meet FOAA requirements**	Public notices continued to be executed in accordance with FOAA requirements. A list of meetings, including a MTA Board Meeting on December 16, 2008 that was open to the public and included many stormwater topics, is presented as Attachment B to PY1 annual report.	**Maintain written public notice policy that complies with FOAA requirements, public notice announcements and a log of applicable meetings**	Environmental Services CoordInator and/or Public (Government and Community) Relations Office
			Year 2:		Public notices continued to be executed in accordance with FOAA requirements. A list of meetings, including a MTA Board Meeting on December 17, 2009 that was open to the public and included stormwater topics, is presented as Attachment B to PY2 annual report.		
			Year 3-5:		**Public notices continued to be executed in accordance with FOAA requirements. MTA maintains a list of meetings (open to the public and/or included stormwater topics), which is available upon request.**		
a(ii) Coordinate with regulated communities. The permittee shall coordinate efforts by providing information on planned 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 activities	Contact each host MS4 community to identify the respective stormwater coordinator	Year 1:	Compile list of Stormwater Coordinators for host MS4 communities	A list of Stormwater Coordinators for host MS4 communities was developed based on participation in ISWG meetings and watershed management planning efforts attended by MTA.	Maintain list of Stormwater Coordinators for each host MS4 community	Environmental Services CoordInator and/or Public (Government and Community) Relations Office
			Year 2-5:	**Communicate with host MS4 communities via the designated Stormwater Coordinator**	**MTA continues to maintain communications with host MS4 communities and their respective Stormwater Coordinators (i.e., Point of Contact) through numerous meetings.**	**Maintain documentation regarding communication and/or coordination with host MS4 communities**	
		Report annually on involvement, mutual cooperation and coordination with host MS4s	Year 1:	**Develop strategy for coordinating with host MS4s and document subsequent coordination**	MTA continues to be closely involved with respect to evolving stormwater management requirements of UIS, in particular Hart Brook within UA (but also Long Creek, outside UA). Additionally, MTA participated in the DEP's "Think Blue" media campaign.	**Summarize coordination in each annual report**	
			Year 2-5:		**MTA continues to be closely involved with respect to evolving stormwater management requirements in UIS watersheds both within and outside of UA, in particular Long Creek, Capisic Brook and Red Brook in PY2 thru PY5. MTA also communicates with host municipalities to stay abreast of WMP efforts in Hart Brook and Goosefare Book, MTA's two highest priority watersheds. MTA also continues to participate in DEP's "Think Blue" media campaign by contributing to the recent Ducky II public service announcement media campaign, displaying Ducky stickers in visible areas such as toll booths and service plazas, and provides a link from MTA's website to CCSWCD's yardscape program.**		

Italic font: MS4 permit language
Blue font: MGs accomplished to date
Red font: UIS Strategy
Bold font: Goals achieved during current permit year

TABLE 2

STORMWATER PROGRAM MANAGEMENT PLAN (SPMP) IMPLEMENTATION SCHEDULE

Maine Turnpike Authority

MINIMUM CONTROL MEASURE #3 (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		ACHIEVEMENTS and COMPLETED GOALS	DOCUMENTATION	RESPONSIBLE PARTY
a. Required Strategies.							
a(i) By June 30, 2013,, each permittee shall develop a watershed-based storm sewer system infrastructure map of its respective MS4 within the UA showing 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 outfalls operated by the permittee.	Develop watershed-based Storm Sewer System Infrastructure Maps for MTA Facility within UA **Urban Impaired Stream (UIS) Strategy:** Priority will be given to mapping of UIS watersheds within UA. For example, the MGs listed for PY1 through PY5 will be conducted in PY1 for CBs and OFs within UA.	*Each catch basin must be uniquely identified:* *-to facilitate control of potential illicit discharges,* *-to ensure proper operation and maintenance of the structures, and* *For each outfall, the following information must be included:* *-type, material, and size of conveyance;* *-outfall or channelized flow;* *-the name and location of the immediate surface waterbody or wetland to which the stormwater runoff 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 that were compiled as part of the previous MS4 permit	MTA maintains existing MS4 maps which were completed as part of previous MS4 permit. These maps were developed using 2000 Census data which is a requirement of the current MS4 permit.	Maintain inventory of maps for portions of MTA facility within UA	Environmental Services Coordinator and/or Designated Consultant
				Identify potential updates to UA maps that must be made to meet these new IDDE requirements before June 2013	No potential updates to UA maps were identified during PY1. When MTA's MS4 maps and associated database were created, the specific information required (i.e., unique identifier, type/size of conveyance, immediate surface waterbody, etc.) was collected and is maintained in the database.	Maintain punchlist of potential upgrades to maps	
			Year 2:	Ensure that maps include all CBs and subsurface infrastructure depicting flow directions	MTA already maintains MS4 mapping to include flow arrows depicting the flow directions between all MTA stormwater infrastructure. MTA also continues to maintain a comprehensive stormwater database that stores construction information for MTA outfalls located within UA. In PY 2, additional UA was identified in York and Kittery. The stormwater infrastructure (i.e. CBs and OFs) were indentified, mapped and added to the existing database.	Maintain updated maps that include: - uniquely identified CBs and assoc. surfaces - flow directions - outfall description (e.g., type, material, size)	
				Ensure that maps include details pertaining to construction of each outfall			
			Year 3:	Revise maps to include connecting surface associated with CBs	MTA already maintains MS4 mapping to include connecting surface associated with all MTA stormwater infrastructure. MTA already maintains MS4 mapping to include the name and location of immediate surface waterbody or wetland to which each outfall discharges. MTA also continues to maintain a comprehensive stormwater database that stores surface waterbody or wetland information for MTA outfalls located within UA.	**Maintain updated maps that include additions from Year 2, plus the following:** **- connecting surfaces associated with CBs** **- receiving waterbodies for each outfall** **- discharge points to waterbodies and other MS4 conveyances**	
				Revise maps to include the name and location of immediate surface waterbody or wetland to which each outfall discharges			
			Year 4:	Revise maps to identify receiving waters for outfalls that do not directly discharge to a named waterbody	MTA continued to update existing MS4 maps, which includes beginning to identify all receiving waters for outfalls that do not directly discharge to a named waterbody, and the conversion of existing MS4 maps to maps utilizing ArcGIS (ESRI).		
			Year 5:	**Revise maps to identify receiving waters for outfalls that do not directly discharge to a named waterbody**	**In PY5, MTA completed the conversion of existing MS4 maps to maps utilizing ArcGIS (ESRI). The updated GIS database includes all receiving waters for outfalls that do not directly discharge to a named waterbody, and also identifies all open ditches and their respective discharge points (i.e., ditch outfalls) along with their recieving waters and/or recieving MS4 conveyance.**		
a(ii) Each permittee shall develop and 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.	Develop prioritized dry weather inspection program **Urban Impaired Stream (UIS) Strategy:** Priority will be given in Year 1 to conducting dry weather inspections of outfalls that discharge to MTA's two highest priority watersheds. Although not located within UA, MTA will expand dry weather inspection of outfalls to include MTA right-of-way (ROW) that intersects with the Long Creek watershed.	*Develop a defined standard operating procedure (SOP), procedure and policy for identifying illicit discharges during dry weather inspections and the detailed steps to locate and eliminate the source*	Year 1:	Review, develop and/or update the SOP, policy and protocol for identifying illicit discharges during dry weather inspections	MTA's IDDE SOP was reviewed and is being updated to ensure that the SOP is compliant with new MS4 permit requirements.	Retain written notification policy for consistently reporting suspected illicit discharges internally and externally	Environmental Services Coordinator and/or Designee
			Year 2-5:	**Implement a defined SOP with detailed steps that must be taken to locate and eliminate the source of an illicit discharge when it is identified during these inspections**	**MTA continued to maintain an effective SOP for identifying illicit discharges during dry weather inspections that is periodically reviewed for effectiveness.**	**Retain written notification policy for consistently reporting suspected illicit discharges internally and externally.** **Maintain source location determinations, as well as corrective actions taken to eliminate the illicit connection/discharge**	
		Conduct dry weather inspection of outfalls within UIS watersheds in UA	Year 1:	Conduct a dry weather inspection of outfalls that discharge to the two highest priority watersheds (e.g., Hart Brook and Goosefare Brook)	**Dry weather inspections of outfalls that discharge to the two highest priority watersheds (Hart Brook and Goosefare Brook) and other UIS within UA were conducted by MTA during PY1 thru PY5.** In PY3 and PY4, MTA has continued to conduct dry weather inspections of most outfalls within UA, plus those within the Long Creek, Red Brook, and Capisic watersheds outside of UA. Outfalls within UA in the York territory were not able to be inspected due to construction in the area. **In PY5, MTA continued dry weather inspections with the addition of the the newly identified discharge points in areas discribed above, plus Kittery/York territory.**	**Document dry weather inspections within UIS watersheds**	Environmental Services Coordinator and/or Highway Maintenance Supervisor
			Year 2-5:	**Expand the dry weather inspection of outfalls to include any remaining UIS within UA**			

Italic font: MS4 permit language
Blue font: MGs accomplished to date
Red font: UIS Strategy
Bold font: Goals achieved during current permit year

TABLE 2

STORMWATER PROGRAM MANAGEMENT PLAN (SPMP) IMPLEMENTATION SCHEDULE

Maine Turnpike Authority

MINIMUM CONTROL MEASURE #3 (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		ACHIEVEMENTS and COMPLETED GOALS	DOCUMENTATION	RESPONSIBLE PARTY
a. Required Strategies.							
a(iii) By the end of permit year five, to the extent allowable under State or local law, MaineDOT/MTA shall develop and implement a strategy to detect any illicit discharges to their open ditch system within their two highest priority watersheds.	Establish a strategy for addressing illicit discharges to open ditch systems within two highest priority watersheds (e.g., Hart Brook and Goosefare Brook)	Utilize **existing mechanisms** (e.g., IDDE Notification Form, Mobile SPCC Plan Spill Reporting, Highway Safety Incident Response, Annual Comprehensive Inspection conducted by construction contractor) 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 for potential revisions to existing mechanisms to document any detected illicit discharges in open ditch system	MTA's Spill Report Form was updated to include illicit discharge detection information. Other existing mechanisms were evaluated during Permit Year 1 and will continue to be considered to ensure illicit discharges are eliminated from open ditch systems within UA.	**Maintain source location determinations, as well as corrective actions taken to eliminate the illicit connection/discharge**	Environmental Services Coordinator and/or Designated Consultant
			Year 2:	Implement revisions to document illicit discharges detected in open ditch system within MTA's two highest priority watersheds, as necessary	MTA's IDDE SOP was reviewed in PY2 and PY3 to ensure that illicit discharge detection in open ditch systems will be implemented appropriately, not only in MTA's two highest priority UIS watersheds, but within MTA's UA. Since MTA's highway maintenance personnel routinely inspect open ditch systems during mowing, brush clearing and other routine operations, they have been trained (annually since 2004) to report discharges "that do not consist entirely of stormwater" to MTA's Environmental Services Coordinator.		
			Year 3:	Continue to document illicit discharges detected in open ditch system within MTA's two highest priority watersheds, as necessary			
			Year 4:	Continue to document illicit discharges detected in open ditch system within MTA's two highest priority watersheds, as necessary	In PY4, MTA's IDDE SOP was reviewed and updated to ensure that illicit discharge detection in open ditch systems will be implemented appropriately, not only in MTA's two highest priority UIS watersheds, but within MTA's UA. Since MTA's highway maintenance personnel routinely inspect open ditch systems during mowing, brush clearing and other routine operations, they have been trained (annually since 2004) to report discharges "that do not consist entirely of stormwater" to MTA's Environmental Services Coordinator.		
			Year 5:	**Continue to document illicit discharges detected in open ditch system within MTA's two highest priority watersheds, as necessary**	**In PY5, MTA's IDDE to include ditch systems was continued.**		
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	**Year 1-5:**	**Identify and document non-stormwater discharges as they are discovered during dry weather inspections, mapping, etc.**	**No non-stormwater discharges have been discovered during PY1 thru PY5. MTA maintains a log of spills along MTA's right-of-way, including spills within UA. All spills are properly documented and remediated to avoid impacts to stormwater discharges and to eliminate the potential for contributing to an illicit discharge.** ***Please refer to text on MCM3 for more information on spills within MTA's UA.***	**Maintain log of identified non-stormwater discharges that potentially contribute to a violation of water quality standards**	Environmental Services Coordinator and/or Designated Consultant
				Revise the SPMP and this implementation schedule as necessary	**No non-stormwater discharges have been discovered during PY1 thru PY5; therefore, no revisions to the SPMP are necessary at this time**		

Italic font: MS4 permit language
Blue font: MGs accomplished to date
Red font: UIS Strategy
Bold font: Goals achieved during current permit year

TABLE 2
STORMWATER PROGRAM MANAGEMENT PLAN (SPMP) IMPLEMENTATION SCHEDULE
Maine Turnpike Authority

MINIMUM CONTROL MEASURE #4 (MCM 4)

MPDES Permit Part IV(H) 4. Construction site runoff control. *Develop, implement and enforce a program or modify an existing program, to reduce pollutants in any stormwater runoff 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 and enforcement actions.*

MCM REQUIREMENT	BEST MANAGEMENT PRACTICES (BMPs)	METHODOLOGY/PURPOSE	MEASURABLE GOALS		ACHIEVEMENTS and COMPLETED GOALS	DOCUMENTATION	RESPONSIBLE PARTY
a. Required Strategies.							
The program will include, but not be limited to, the development and implementation of the Memorandum of Agreement (MOA) between MDEP, MTA and MDOT.	Develop and implement MEPDES MOA that establishes a program to reduce pollutants in stormwater runoff from construction activities at regulated projects. **UIS Strategy:** Additional BMPs in the two highest priority UIS watersheds will be addressed in the proposed MOA.	Development of a MEPDES MOA will provide permit coverage to MTA and MaineDOT associated with the duplicative requirements of the three MEPDES programs: MS4 GP, MCGP and MSGP. The proposed 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:	Develop MEPDES MOA with DEP in a coordinated effort with MaineDOT	MTA implemented Erosion and Sedimentation Control (ESC) practices, including daily construction inspection requirements and BMPs at all MTA sites (even those less than one acre - in accordance with Chapter 500 MOA). Through binding contract language, MTA continues to require contractors (1) to comply with Chapter 500 standards for all projects; and (2) to provide NPS training certification for each OSRP.	Maintain documentation associated with MOA development process with DEP	Environmental Services Coordinator and/or Designee
			Year 2:	Finalize MEPDES MOA and identify specific requirements	Although no MEPDES MOA was developed or adopted in PY2, MTA continued to implement the measures described above in PY1. MTA also implemented a new environmental compliance program to ensure all stormwater related activities and other environmental regulatory considerations are documented in a singular binder for all construction projects completed by Contractors for MTA. The compliance program, known as the Construction Project Environmental Compliance (CPEC) program, separates all construction projects into three phases (i.e., Project Development, Construction, and Post-Construction) and identifies applicable requirements and activities for each project undertaken by MTA. The program provides a mechanism for ensuring that stormwater requirements and other environmental regulatory obligations are considered and appropriate actions are taken for reducing pollutants in stormwater runoff from construction activities at regulated projects.	Maintain a CPEC Program binder for each project to demonstrate compliance and to document MTA's efforts to reduce pollutants in stormwater runoff from construction activities	
			Year 3-5:	**Implement MEPDES MOA and prepare annual MOA report**	**Although no MEPDES MOA was developed or adopted in PY3, MTA continues to implement and maintain the measures in PY3 thru PY5, as described above in PY1 and PY2.**	**Maintain records for projects to be included in annual MOA report and associated records.** **Maintain a CPEC Program binder for each project to demonstrate compliance and to document MTA's efforts to reduce pollutants in stormwater runoff from construction activities**	

Italic font: MS4 permit language
Blue font: MGs accomplished to date
Red font: UIS Strategy
Bold font: Goals achieved during current permit year

TABLE 2

STORMWATER PROGRAM MANAGEMENT PLAN (SPMP) IMPLEMENTATION SCHEDULE

Maine Turnpike Authority

MINIMUM CONTROL MEASURE #5 (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		ACHIEVEMENTS and COMPLETED GOALS	DOCUMENTATION	RESPONSIBLE PARTY
a. Required Strategies.							
(i) Each permittee shall develop, 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 directly to waters of the State other than groundwater.	Develop and implement MEPDES MOA that establishes a program for new development and redevelopment that addresses stormwater runoff from projects that disturb one acre or more discharging directly to waters of the State. *This program must ensure that controls are in place that are designed to prevent or minimize water quality impacts.*	Development of a MEPDES MOA will provide permit coverage to MTA and MaineDOT associated with the duplicative requirements of the three MEPDES programs: MS4 GP, MCGP and MSGP. The proposed 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:	Develop MEPDES MOA with DEP in a coordinated effort with MaineDOT	Although a MEPDES MOA was not developed with DEP, MTA continues to address stormwater runoff from new development and redevelopment projects of all sizes, within UA and throughout MTA's ROW. However, there were no projects identified in Permit Year 1 that "discharge directly to waters of the State."	Maintain documentation associated with MOA development process with DEP	Environmental Services Coordinator and/or Designee
			Year 2:	Finalize MEPDES MOA and identify specific requirements	Although a MEPDES MOA was not developed with DEP, MTA implemented a new environmental compliance program for new development and redevelopment that addresses stormwater runoff from all MTA projects, both during construction and post-construction. This program, known as the CPEC Program, was designed to ensure that appropriate controls are in place during all phases of construction to prevent or minimize water quality impacts from stormwater runoff.	Maintain a CPEC Program binder for each project to demonstrate compliance and to document MTA's efforts to minimize water quality impacts	
			Year 3-5:	**Implement MEPDES MOA and prepare annual MOA report**	**Although no MEPDES MOA was developed or adopted, MTA continues to implement the measures described above in PY2 to address stormwater runoff from new development and redevelopment projects of all sizes.**	**Maintain records for projects to be included in annual MOA report and associated records**	
(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.	Develop and implement MEPDES MOA that addresses strategies that include appropriate structural and non-structural BMPs.		Year 1:	Develop MEPDES MOA with DEP in a coordinated effort with MaineDOT	MTA continues to train employees internally to identify appropriate strategies that include both structural and non-structural BMPs, as well as rely on design engineers to meet Chapter 500 standards	Maintain documentation associated with MOA development process with DEP	Environmental Services Coordinator and/or Designee
			Year 2:	Finalize MEPDES MOA and identify specific requirements	In addition to continuing the efforts described above in PY1, the CPEC program was developed in PY2 to address strategies that incorporate appropriate structural and non-structural BMPs into MTA projects.	Maintain a CPEC Program binder for each project to identify structural and non-structural BMPs to be maintained	
			Year 3-5:	**Implement MEPDES MOA and prepare annual MOA report**	**Although no MEPDES MOA was developed or adopted, MTA continues to implement the measures described above in PY1 and PY2 to address strategies that incorporate appropriate structural and non-structural BMPs into MTA**	**Maintain records for projects to be included in annual MOA report and associated records**	
(iii) To ensure adequate long-term operation and maintenance of post construction BMPs, each permittee shall develop, 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.	Develop and implement MEPDES MOA that includes guidelines for post-construction BMPs inspections. *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 their separate storm sewer system;* *-the number of sites with documented functioning post construction BMPs; and* *-the number of sites requiring routine maintenance or remedial action to ensure that the post construction BMP is functioning as intended.*	Year 1:	Develop MEPDES MOA with DEP in a coordinated effort with MaineDOT	MTA has developed an O&M schedule that incorporates annual inspection requirements for all newly installed structural BMPs. - No significant projects with BMPs were identified within UA in PY1 (even newly constructed MTA Headquarters is located outside UA). - Therefore, no development/redevelopment sites within UA were identified as discharging directly into waters of the State in PY1. - Although no sites were located within UA and/or identified during PY1, MTA continues to monitor ROW for existing BMPs that require maintenance to ensure that they function as intended.	Maintain documentation associated with MOA development process with DEP	Environmental Services Coordinator and/or Designee
			Year 2:	Finalize MEPDES MOA and identify specific requirements	MTA continues to implement the O&M schedule described above in PY1 for newly installed BMPs. The CPEC program incorporates post-construction BMPs, as well as inspections and other O&M considerations, for all projects undertaken by MTA. The CPEC program provides a mechanism for ensuring that records are maintained on all inspections, maintenance activities, and corrective action(s) for new projects starting in PY3.	Maintain a copy of the established MEPDES MOA	
			Year 3:	Implement MEPDES MOA and prepare annual MOA report	In PY3, MTA adopted and implemented a SOP for Post-Construction Activities to ensure BMPs, inspections, and other O&M considerations have been incorporated for all projects undertaken by MTA. MTA continued to implement the O&M schedule described above in PY1 for newly installed BMPs. MTA also continued to implement the CPEC program described above in PY2 for all construction projects.	**Maintain records for projects to be included in annual MOA report and associated records**	
			Year 4:	Implement MEPDES MOA and prepare annual MOA report	In PY4, MTA continued to implement a SOP for Post-Construction Activities to ensure BMPs, inspections, and other O&M considerations are incorporated for all projects undertaken by MTA. MTA also continues to implement the O&M schedule described above in PY1 for newly installed BMPs. MTA also continues to implement the CPEC program described above in PY2 for all construction projects.		
			Year 5:	**Implement MEPDES MOA and prepare annual MOA report**	**In PY5, MTA continued the existing programs described above to ensure adequate long term operation and maintenance of post-construction BMPs. Additionally, a centralized document management system (i.e., SharePoint site) was developed to house all O&M plans (as well as other regulatory compliance documents) and all O&M plans were uploaded to MTA's SharePoint site. To date, a total of 18 O&M plans have been developed, 7 for projects completed within UA.**		

Italic font: MS4 permit language
Blue font: MGs accomplished to date
Red font: UIS Strategy
Bold font: Goals achieved during current permit year

TABLE 2
STORMWATER PROGRAM MANAGEMENT PLAN (SPMP) IMPLEMENTATION SCHEDULE
Maine Turnpike Authority

MINIMUM CONTROL MEASURE #6 (MCM 6)

MPDES Permit Part IV(H) 6. Pollution prevention (P2)/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. The O&M program must include the following:*

MCM REQUIREMENT	BEST MANAGEMENT PRACTICES (BMPs)	METHODOLOGY/PURPOSE	MEASURABLE GOALS		ACHIEVEMENTS and COMPLETED GOALS	DOCUMENTATION	RESPONSIBLE PARTY
a. Required Strategies.							
(i) By the end of permit year one, each permittee shall develop an 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. By the end of permit year two, the permittee shall develop written operation and maintenance procedures that include maintenance schedules and inspection procedures to ensure long term operation of structural and non-structural controls and reduce stormwater pollution to the maximum extent possible.	Develop and implement MEPDES MOA that includes an O&M Plan that addresses potential pollutant sources and O&M procedures, such as: (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.	Development of a MEPDES MOA will provide permit coverage to MTA and MaineDOT associated with the duplicative requirements of the three MEPDES programs: MS4 GP, MCGP and MSGP. The proposed 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:	Develop MEPDES MOA with DEP in a coordinated effort with MaineDOT	MTA developed and implemented an O&M schedule for newly installed BMPs located throughout MTA's ROW, not just within UA, during Permit Year 1. MTA does not operate any of these newly installed BMPs and/or Maintenance Garages within UA. Furthermore, MTA does not anticipate that petroleum and/or non-petroleum products (e.g., potential pollutant sources) to be stored, used or disposed of within UA areas. However, MTA already maintains the following policies, procedures and plans: (1) Spill Prevention, Control and Countermeasures (SPCC) Plans with integrated Stormwater Pollution Prevention Measures for all MTA Highway/Equipment Maintenance Garages that address the proper use, storage and disposal of petroleum products, as well as non-petroleum products and other hazardous materials; (2) Spill response and prevention measures have been established at these facilities in the SPCC Plans, as well as in MTA's Mobile SPCC Plan that is implemented throughout all MTA ROW; (3) The integrated stormwater pollution prevention measures incorporated in these Plans address vehicle and equipment storage practices, maintenance and refueling; (4) Post-construction requirements for newly installed structural BMPs, including an O&M schedule for mowing and inspections in accordance with applicable Chapter 500 requirements, were developed during Permit Year 1; (5) Construction and post-construction inspection requirements have been implemented for all projects (even those less than 1 acre) have been implemented in accordance with the Chapter 500 MOA; and (6) Road-killed wildlife policy.	Maintain documentation associated with the O&M schedule and other existing documents relevant to implementing MCM 6	Environmental Services Coordinator and/or Designee
			Year 2:	Finalize MEPDES MOA and identify specific requirements	In addition to the continued practices described above in PY1, MTA also implemented the new CPEC program to ensure appropriate documentation of these MTA policies, procedures, and plans are maintained in a centralized location for new projects.	Maintain a copy of the established MEPDES MOA	
			Year 3-5:	**Implement MEPDES MOA and prepare annual MOA report**	**MTA continued to implement the practices described above in PY1 and PY2.**	**Maintain records for projects to be included in annual MOA report and associated records**	
(ii) Using training materials that are available from the EPA, the State, regional stormwater groups or other organizations, Guidelines and Standard Operating Procedures for Stormwater Phase II Communities in Maine volumes 1 and 2, and the ThinkBlueMaine website, this program must include 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.	Develop Stormwater Pollution Reduction Training Program for contractors and MTA employees **Urban Impaired Stream (UIS) Strategy:** Revise Stormwater Training Program 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, to include additional information pertaining to stormwater pollution prevention and ESC BMPs from the resources detailed in the GP. Because MTA does not conduct training for contractors, MTA will rely on contractors to become certified through the DEP's 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 prevention, as well as erosion and sediment control	As previously detailed in MCM 1, MTA's SPCC training program was conducted in May and June 2009 and included stormwater pollution prevention, as well as erosion and sediment controls, construction and post-construction inspections and BMP requirements.	See MCM #1	See MCM #1
				Revise existing training program to incorporate additional information from resources identified in GP	Training program was revised to include information and resources identified in the GP.		
				Review current files to ensure that contractors are certified by DEP in stormwater pollution prevention, as well as erosion and sediment control	MTA continues to rely on the DEP's NPS Training Program to certify contractors; but MTA obtains ESC certification from all contractor's OSRPs.		
				Include the required training information in the annual report	Completed training documentation is included as part of the PY1 Annual Report.		
			Year 2:	Continue training program and annual reporting	As previously detailed in MCM 1, MTA's SPCC/Stormwater training program was conducted in May and June 2010 and included stormwater pollution prevention, as well as erosion and sediment control practices, construction and post-construction inspections and BMP requirements. Revisions to the SPCC/Stormwater training program are summarized in MCM 1.	See MCM #1	See MCM #1
			Year 3:	Continue training program and annual reporting	As previously detailed in MCM 1, MTA's SPCC/Stormwater training program was conducted in May to August 2011 and included stormwater pollution prevention, as well as erosion and sediment control practices, construction and post-construction inspections and BMP requirements. Revisions to the SPCC/Stormwater training program are summarized in MCM 1.		
			Year 4-5:	**Continue training program and annual reporting**	**As previously detailed in MCM 1, MTA's SPCC/Stormwater training program was conducted in May and June of PY4 and PY5 and included stormwater pollution prevention, as well as erosion and sediment control practices, construction and post-construction inspections and BMP requirements.** **Revisions to the SPCC/Stormwater and ESC training program are summarized in MCM 1.**	**See MCM #1**	

Italic font: MS4 permit language
Blue font: MGs accomplished to date
Red font: UIS Strategy
Bold font: Goals achieved during current permit year

TABLE 2

STORMWATER PROGRAM MANAGEMENT PLAN (SPMP) IMPLEMENTATION SCHEDULE

Maine Turnpike Authority

MINIMUM CONTROL MEASURE #6 (MCM 6)

MPDES Permit Part IV(H) 6. Pollution prevention (P2)/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. The O&M program must include the following:*

MCM REQUIREMENT	BEST MANAGEMENT PRACTICES (BMPs)	METHODOLOGY/PURPOSE	MEASURABLE GOALS		ACHIEVEMENTS and COMPLETED GOALS	DOCUMENTATION	RESPONSIBLE PARTY
a. Required Strategies.							
(iii) Each permittee shall develop and 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.	Develop and implement MEPDES MOA that includes an O&M Plan that addresses sweeping of paved surfaces	Development of a MEPDES MOA will provide permit coverage to MTA and MaineDOT associated with the duplicative requirements of the three MEPDES programs: MS4 GP, MCGP and MSGP. The proposed 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:	Develop MEPDES MOA with DEP in a coordinated effort with MaineDOT	**Although a MEPDES MOA was not developed, MTA continues to implement the existing annual sweeping program for the mainline and associated areas.**	Maintain documentation associated with MOA development process with DEP	Environmental Services Coordinator and/or Designated Consultant
			Year 2:	Finalize MEPDES MOA and identify specific requirements		Maintain a log of sweeping activities (provided to DEP in Annual MOA Report)	
			Year 3-5:	**Implement MEPDES MOA and prepare annual MOA report**		**Maintain records for projects to be included in annual MOA report and associated records**	
	Continue existing annual sweeping program established under previous MS4 permit cycle **Urban Impaired Stream (UIS) Strategy:** Priority will be given to sweeping within two highest priority UIS watersheds as soon as possible after snowmelt.		**Year 1-5:**	**Continue to implement MTA's existing annual sweeping program**	**MTA continued to conduct sweeping within all UA with priority given to sweeping within UIS watersheds (Hart Book and Goosefare Brook) as soon as possible after snow melt.**	Maintain a copy of a memo regarding prioritized sweeping efforts from Director of Highway Maintenance	Highway Maintenance staff
						Maintain O&M documents for sweeping program	
(iv) The permittee shall develop and implement a program to evaluate and, if necessary, clean catch basins and other stormwater structures that accumulate sediment at least once every other year and dispose of the removed sediments in accordance with current state law.	Develop and implement MEPDES MOA that includes an O&M Plan that addresses CB inspections and cleanouts **Urban Impaired Stream (UIS) Strategy:** Priority will be given to cleaning out catch basins within two highest priority UIS watersheds before others within UA.	Development of a MEPDES MOA will provide permit coverage to MTA and MaineDOT associated with the duplicative requirements of the three MEPDES programs: MS4 GP, MCGP and MSGP. The proposed 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:	Develop MEPDES MOA with DEP in a coordinated effort with MaineDOT	**MTA continued to clean out catch basins of accumulated sediments and debris on an annual basis. Removed sediments are disposed of in accordance with an existing Memorandum of Understanding (MOU) with DEP.**	Maintain documentation associated with MOA development process with DEP	Environmental Services Coordinator and/or Designated Consultant
			Year 2:	Finalize MEPDES MOA and identify specific requirements		Maintain documentation relative to sediment removal and disposal	
			Year 3-5:	**Implement MEPDES MOA and prepare annual MOA report**		**Maintain records for projects to be included in annual MOA report and associated records**	
	Continue existing annual catch basin cleanout program established under previous MS4 cycle		**Year 1-5:**	**Continue to implement MTA's existing annual catch basin cleanout program**	**MTA continued to clean out catch basins and IDDE inspection, and maintain cleanout logs at each MTA highway maintenance facility.**	Maintain O&M documents for catch basin cleanout program	Highway Maintenance staff
(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.	Develop and implement MEPDES MOA that includes a prioritized schedule for repairing and upgrading MS4 associated infrastructure. **Urban Impaired Stream (UIS) Strategy:** Priority will be given to cleaning out catch basins within two highest priority UIS watersheds before others within UA.	Development of a MEPDES MOA will provide permit coverage to MTA and MaineDOT associated with the duplicative requirements of the three MEPDES programs: MS4 GP, MCGP and MSGP. The proposed 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:	Develop MEPDES MOA with DEP in a coordinated effort with MaineDOT	**As part of the annual MS4 inspection and cleanout program already developed by MTA, any potential repairs are identified thus triggering the required repair, as needed. Furthermore, MTA's retains a construction contractor who conducts an annual inspection of MTA ROW and identifies necessary upgrades to conveyances not only in UA, but throughout all of MTA's ROW.**	**Maintain documentation associated with annual inspection programs conducted by MTA Highway Maintenance and hired construction contractor**	Environmental Services Coordinator and/or Designated Consultant
			Year 2:	Finalize MEPDES MOA and identify specific requirements			
			Year 3-5:	**Implement MEPDES MOA and prepare annual MOA report**			
	Continue existing annual comprehensive inspection of MTA infrastructure and operations conducted by construction contractor **Urban Impaired Stream (UIS) Strategy:** Additional information will be provided in the inspection report regarding conveyances, outfalls, etc. in the two highest priority UIS watersheds.		**Year 1-5:**	**Continue to implement MTA's existing annual comprehensive inspection program of all infrastructure/ operations**	**MTA's hired construction contractor continues to conduct an annual inspection of the MTA ROW, which is supplemented by dry weather inspections conducted by MTA's Highway Maintenance and/or Engineering departments.**	**Maintain annual inspection report(s) with recommendations for upgrades and repairs**	MTA Engineering Staff and/or Designee
(vi) By the end of permit year two, the permittee shall develop and implement a stormwater pollution prevention plan ("SWPPP") for vehicle maintenance facilities operated by the permittee within the UA unless the facility is currently regulated under Maine's Industrial Stormwater Program.	Develop and implement MEPDES MOA that includes an O&M Plan that addresses SWPPP requirements for vehicle maintenance facilities within UA **Urban Impaired Stream (UIS) Strategy:** Priority will be given to cleaning out catch basins within two highest priority UIS watersheds before others within UA.	Development of a MEPDES MOA will provide permit coverage to MTA and MaineDOT associated with the duplicative requirements of the three MEPDES programs: MS4 GP, MCGP and MSGP. The proposed 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	Year 1:	Develop MEPDES MOA with DEP in a coordinated effort with MaineDOT	Other than the proposed development of a MEPDES MOA with DEP, no action is required until Permit Year 2.	Maintain documentation associated with MOA development process with DEP	Environmental Services Coordinator and/or Designated Consultant
			Year 2:	Finalize MEPDES MOA and identify specific requirements	MTA does not operate any vehicle maintenance facilities within UA	No documentation needed	
			Year 3-5:	**Implement MEPDES MOA and prepare annual MOA report**	**MTA does not operate any vehicle maintenance facilities within UA**	**Maintain records for projects to be included in annual MOA report and associated records**	

Italic font: MS4 permit language
Blue font: MGs accomplished to date
Red font: UIS Strategy
Bold font: Goals achieved during current permit year

Robyn Saunders

From: Mail Delivery System <MAILER-DAEMON@gateway.gza.com>
To: David.Ladd@maine.gov; JBranscom@maineturnpike.com
Sent: Friday, September 13, 2013 1:41 PM
Subject: Relayed: MTA's PY5 MS4 Annual Report

Delivery to these recipients or groups is complete, but no delivery notification was sent by the destination server:

David.Ladd@maine.gov

JBranscom@maineturnpike.com

Subject: MTA's PY5 MS4 Annual Report

Robyn Saunders

From: Ladd, David <David.Ladd@maine.gov>
Sent: Wednesday, September 18, 2013 10:31 AM
To: Robyn Saunders
Subject: RE: MTA's PY5 MS4 Annual Report

YES! Thank you

From: Robyn Saunders [mailto:robyn.saunders@gza.com]
Sent: Wednesday, September 18, 2013 9:58 AM
To: Ladd, David
Subject: FW: MTA's PY5 MS4 Annual Report

Good morning, David! Hope all is well.

I'm just following up to confirm that you/DEP received MTA's PY5 MS4 report on Friday 9/13/13. If not, I'll resend the email below and/or put a hard copy in the mail today. Let me know which you'd prefer.

Thanks so much!
Robyn

From: Robyn Saunders
Sent: Friday, September 13, 2013 1:40 PM
To: 'Ladd, David'
Cc: 'Branscom, John M.'
Subject: MTA's PY5 MS4 Annual Report

Good afternoon, David!

John asked that I send along MTA's MS4 PY5 Annual Report to you at DEP today since it is due 9/15/13. Please let me know if I should put a hard copy in the mail to you; otherwise, if DEP is satisfied with this electronic copy, please acknowledge receipt of this report for MTA's records.

As always, don't hesitate to call me or John if you (or your staff) have any questions or need further information to support your review of this year's report.

Best regards always,
Robyn

Robyn Saunders
Senior Project Manager
GZA GeoEnvironmental, Inc.
477 Congress Street, Suite 700
Portland ME 04101
Direct Dial (207) 358-5114
Cell Phone (207) 232-2844

MCM 1: EDUCATION AND OUTREACH
Permit Year 5

MCM 1: EDUCATION AND OUTREACH

2013 Training Materials (PY5)

MCM 1: EDUCATION AND OUTREACH

MTA Board Presentation May 2013

Overview of Stormwater Management and Erosion Control Practices

Presented to:

Maine Turnpike Authority

Board of Directors

Presented on:

May 2013

PURPOSE: Annual MS4 Update

- **Presentation to MTA Board satisfies MS4 permit requirement**
  - MS4 = municipal separate storm sewer system
  - See *"List of Acronyms"* handout
- **MTA is in compliance with permit requirements**
- **MTA is subject to:**
  - MS4 permit within UA
  - See *"Summary of MTA within UA"* handout
  - New MS4 permit requirements by July 1, 2013
  - A complex network of stormwater regulations

SUMMARY: Federal and State Stormwater Regulations

MAINE POLLUTANT DISCHARGE ELIMINATION PROGRAM (MEPDES) PROGRAM

Post-Construction Discharge of Stormwater in UIS Watersheds

General Permit* for Long Creek watershed

Procedure:
(1) File NOI w/DEP and municipality
(2) Execute PLA

Requirements:
(A) Participation in WMP;
Annual reports (by LCWMD)
(B) Implementation of WMP
Generally
- making payments
- supplying easements
- cooperating IAW WMP

Specific to MTA
- conservation easement
- check through WMP for other MTA specific requirements

(C) Funding mechanism
WMP must result in compliance with WQ stds by 12/31/2020
(D) Required Activities

(1) Construction of projects
Tier I, Tier II, instream and riparian projects commensurate with the percentage of participating landowners

(2) Inspection and Maintenance (I&M)
I&M if construction projects, plus P2 and housekeeping
(see LCWMD minimum requirements)

(3) Monitoring and Assessment

(E) Adaptive management -- review of WMP to ensure compliance by 2020

(F) Conditional authorization
contingent upon LCWMD satisfactorily implementing WMP

Other GP considerations:
(1) Board participation/jurisdiction;
(2) Precedence for local control:
(3) Conservation easement in WMP;
(4) Precursor to Stormwater Utility District;
(5) Potential offsets for initial assessment/fees established

Individual Permit for areas within watershed meeting Ch 500

Requirements:
(1) Meet Ch 500 Basic Standards
(i.e., ESC, I&M, housekeeping)
(2) Meet Ch 500 General Standards
- no exception for linear projects
- retrofit for treatment within 5 years

(3) Inpsect BMPs annually
- corrective actions within 30 days
- maintenance plan for property
- paved areas swept annually

(4) Establish, or contribute to an existing, monitoring program
(5a) Mitigate effects of past discharges
(i.e., floodplain restoration, buffer establishment, channel stabilization)
(5b) Contribute to existing WMP based on percentage of impervious area
(5c) Combined effort of (5a) and (5b)

Other IP considerations:
(1) Identify retrofits outside widening footprint
(2) Estimate cost of retrofits:
(3) Establish fee structure (e.g., monitoring, etc.);
(3) Negotiate w/DEP on all aspects

MS4* (Existing Development)

MCMs:

#1 - Public Ed'n & Outreach
Awareness/BMP
Adoption Plans
Annual Training Requirements

#2 - Public Involvement
FOAA
Coordinate w/MS4s

#3 - IDDE Program
Mapping
Inspections
Open ditch systems
Identify prohibited discharges

#4 - Construction
Reduce pollutants (>1 acre of DA)
Develop SOP for enforcement actions

#5 - Post-construction
Identify BMPs (structural and non-structural)
Establish I&M schedule
Report annually on I&M
Develop SOP for enforcement

#6 - P2/Good Housekeeping
Typical spill prevention, training, etc.
Typical MSGP vehicle maintenance facility requirements

UIS Considerations
for existing development within UA;
MTA chose two priority UIS watersheds in 2008

EPA's proposed MS4 Expansion to include:
(1) Beyond UA and into UIS areas
(2) Additional requirements for new development/redevelopment
(3) Additional Phase 1 requirements (e.g., monitoring, TMDL,
(4) Retrofit existing conveyances

MS4 regulations:
Currently do not apply within Long Creek, but are implemented within Urbanized Areas (UA) and EPA's proposed expansion would capture UIS areas like Long Creek

MSGP (Maintenance Facility)

Typical Elements:

(1) SWPPP
(2) Q'ly Monitoring
(3) Q'ly Inspections
(4) Annual Training Requirements
(5) Annual Evaluation
(6) Other sector-specific requirements for vehicle maintenance facilities

MSGP regulations:
Currently do not apply to vehicle maintenance facilities, but will likely be pursued by DEP due to CA court ruling regarding "industrial activities."

CGP (Redevelopment/Construction Activities)

Procedure:
File NOI and NOT w/DEP
Requirements:
(1) Meet Ch 500 Basic Standards
(i.e., ESC, I&M, housekeeping)
(2) Develop ESC Plan for projects

Additional Proposed Requirements:
(40 CFR 450 Construction ELGs)
(A) ESC measures
Satisfied by existing CGP/Basic Standards
(B) Soil stabilization
Satisfied by existing CGP/Basic Standards
(C) Dewatering practices
Satisfied by existing CGP/Basic Standards plus Ch305/PBR
(D) P2 measures
Satisfied by existing CGP/Basic Standards plus possibly MS4
(E) Prohibited discharges
Satisfied by MS4 IDDE
(F) Surface outlets
(G) ELGs (turbidity monitoring):
>20 acres by August 2011
>10 acres by Feb 2014
(H) NSPS:
Any new source altering existing conditions
Disturbed area of 5 acreas or more

** indicates annual reporting requirements*

OTHER PROGRAM CONSIDERATIONS

NRPA

(a) PBR (Ch 305.11); and
(b) full NRPA permit

Both mechanisms to capture construction concerns within UIS and non-UIS areas

SITE LAW

(a) Linear Projects
(i) Primarily exempt from seeking Site Law coverage
(ii) Must implement Ch 500 in accordance with MOA*
(iii) Incorporate UIS standards during development and/or redevelopment
(MOA Section 3.D UIS standards: "…shall meet UIS std…to extent practicable…thru consultation with and agreement by DEP.")

(b) Non-linear Projects
(i) MaineDOT developing MOA
(ii) Subject to full extent of Ch 500, including UIS standards

HIGHLIGHTING KEY/NOTES:

Cells indicate potential for alternative GP to provide proactive mechanism for proposed EPA/DEP	= Alternative GP considerations
Cells indicate proposed EPA/DEP regulations or standards	= Proposed rule changes
Cells indicate that UIS considerations are already incorporated into applicable rules	= Existing UIS considerations

TOTAL MAXIMUM DAILY LOADS (TMDLs) =
A regulatory value for the maximum amount of a pollutant that a waterbody can receive while still meeting water quality standards (i.e., drinkable, swimmable, fishable, capable of supporting aquatic organisms). TMDLs are enforceable through permits (i.e., mainly NPDES permits).

SUMMARY: MS4 Regulatory Changes

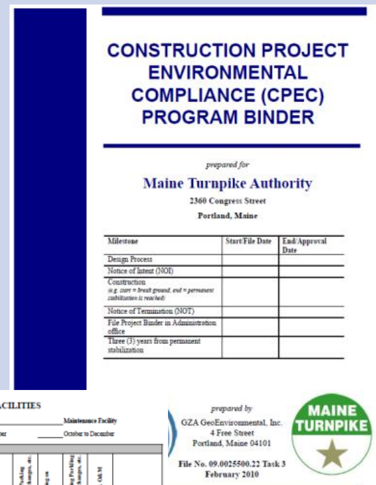
Program	Requirements
MS4 Permit	**Negotiate and finalize permit** (by July 1, 2013)
July 30, 2013	**Complete/submit NOI to DEP** • Public notice in newspapers (>30 days days prior to NOI) • Signatory = chief/principal executive officer
Aug-Oct 2013	**Revise/update 5-year Stormwater Program Management Plan** • Include MTA management, as in previous renewals • Submit to DEP (by December 29, 2013) • Pay nominal annual fee
To be determined	**Implement 5-year Plan** • Ground verify existing maps of stormwater conveyances • Map newly regulated UA (see handout) • Continue inspections, training, maintenance, good housekeeping and pollution prevention measures

SUMMARY: MS4 Regulatory Changes

Program	Requirements
MS4 Cost: $100K/yr	**Previously proposed requirements in 2011 draft included:** 1. Additional areas to cover (2013 limited to new UA only) 2. Additional inspections (2013 did not include wet weather) ~~3. Sampling and analytical monitoring of outfalls~~
Cost: >>$100K/yr	**These requirements are included in EPA's 2013 MS4 permit for NH**
TMDL: Enforceable through existing permits	**Statewide Impervious Cover (IC) TMDL was approved by DEP in September 2012** 1. 30 Impaired Watersheds to be restored in 10-year timeframe 2. Municipalities must coordinate with stakeholders to: • Develop watershed management plan • Implement stormwater BMP retrofits • Reduce effective impervious cover (IC or IA) • Restore the watershed 3. Retrofits may be required on MTA property

SUMMARY: Chapter 500/MOA Changes

Program	Requirements
Chapter 500 – Stormwater Management Law Applicable to **ALL** projects: • Regardless of size • Regardless of location	Ch 500 is applicable through Memorandum of Agreement (MOA) • Annual tracking of construction projects and maintenance activities • Annual MOA Report to DEP • Annual MOA meeting with MaineDOT
	DEP anticipates revising Ch 500 rules and standards in 2013 by: • Resuming a stakeholders process started in 2010 • Including additional BMP and redevelopment requirements • Updating MOA when rulemaking is finalized
	DEP previously revised the Maine Construction General Permit (MCGP) simultaneously with Ch 500 (???)



CONSTRUCTION PROJECT ENVIRONMENTAL COMPLIANCE (CPEC) PROGRAM BINDER

prepared for

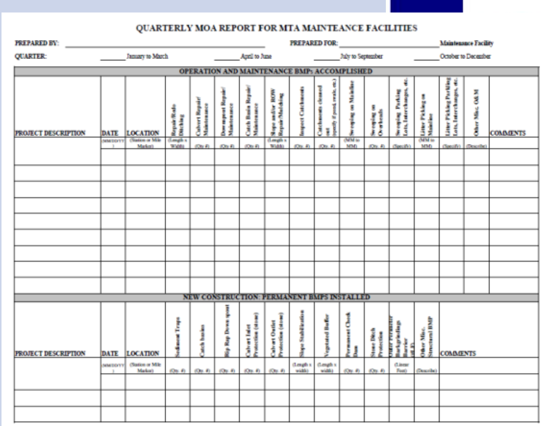
Maine Turnpike Authority
2360 Congress Street
Portland, Maine

Milestone	Start/File Date	End/Approval Date
Design Process		
Notice of Intent (NOI)		
Construction (e.g. start = break ground, end = permanent stabilization is reached)		
Notice of Termination (NOT)		
File Project Binder in Administration office		
Three (3) years from permanent stabilization		

prepared by

GZA GeoEnvironmental, Inc.
4 Free Street
Portland, Maine 04101

File No. 09.0025500.22 Task 3
February 2010



QUARTERLY MOA REPORT FOR MTA MAINTEANCE FACILITIES

PREPARED BY: ____________ PREPARED FOR: ____________ Maintenance Facility

QUARTER: ____ January to March ____ April to June ____ July to September ____ October to December

OPERATION AND MAINTENANCE BMPs ACCOMPLISHED

PROJECT DESCRIPTION	DATE	LOCATION	Repair/Redo Ditching	Culvert Repair/ Maintenance	Downspout Repair/ Maintenance	Catch Basin Repair/ Maintenance	Slope and/or ROW Repair/Mulching	Inspect Catchments	Catchments cleaned out (specify if pond, swale, etc.)	Sweeping on Mainline	Sweeping on Overheads	Sweeping Parking Lots, Interchanges, etc.	Litter Picking on Mainline	Litter Picking Parking Lots, Interchanges, etc.	Other Misc. O&M	COMMENTS
	(MM/DD/YY)	(Station or Mile Marker)	(Length x Width)	(Qty #)	(Qty #)	(Qty #)	(Length x Width)	(Qty. #)	(Qty. #)	(MM to MM)	(Qty. #)	(Specify)	(MM to MM)	(Specify)	(Describe)	

NEW CONSTRUCTION: PERMANENT BMPS INSTALLED

PROJECT DESCRIPTION	DATE	LOCATION	Sediment Traps	Catch basins	Rip Rap Down spout	Culvert Inlet Protection (stone)	Culvert Outlet Protection (stone)	Slope Stabilization	Vegetated Buffer	Permanent Check Dam	Stone Ditch Protection	Other Perimeter Barkgrinding Barrier	Other Misc. Structural BMP	COMMENTS
	(MM/DD/YY)	(Station or Mile Marker)	(Qty. #)	(Qty. #)	(Qty. #)	(Qty. #)	(Qty. #)	(Length x width)	(Length x width)	(Qty. #)	(Qty. #)	(Linear Feet)	(Describe)	

SUMMARY: Long Creek Permits

Location	Summary of Direct Discharges
MTA HQ	*1.05* acres of IA ~ Individual Permit (IP) fees: <$1,000 acre of IA • continue inspections and routine maintenance
Crosby Maintenance	**2.88** acres of IA • reduced from 3.96 acres (2010) and 3.73 acres (2011) • removed impervious cover around Crosby Yard • continue inspections, sweeping, cleanouts, etc.
Mainline	**20.68** acres of IA • reduced from 20.87 acres through reconstruction of acceleration lane • continue inspections, sweeping, cleanouts, etc. • limit mowing of ROW
Exit 45	**7.78** acres of IA • reduced from 11+ and 8.22 acres identified by DEP in 2011
TOTAL IA X $3,000/acre	Approximately **31+** acres of IA held by MTA in Long Creek **$93,000 in GP fees per year** ***+$1,000* in IP fees per year**

PREVIEW: Additional Changes

Regulatory Program	Requirements
Construction General Permit (CGP) When: 2013-2014	1. NOI/NOT threshold may be increased to 5 acres (versus 1 acre) of disturbance for MTA/MaineDOT 2. EPA-required performance standards, similar to Chapter 500 Standards
Multi-Sector General Permit (MSGP) When: 2015-2016 Cost: $50K/year	1. Vehicle Maintenance facilities may be regulated 2. Sampling and analytical monitoring requirements 3. Annual comprehensive evaluations
EPA's National Rulemaking Initiative	**Purpose = Expand stormwater program by:** 1. Targeting redevelopment as a means to restore impaired waterbodies → incorporate retrofits 2. Exploring additional options for transportation agencies

STORMWATER: What's on Deck?

- Numerous regulatory changes → additional requirements
- Audits
  - MassDOT/MassHighway: consent order to delineate all watersheds as part of their Impaired Waters Program ($$$$$$millions)
  - RIDOT: audited and ordered to pay $1M to support statewide stormwater education throughout State of RI
  - NHDOT: audited in mid-2000's (cost of compliance unknown)
  - DEP auditing MS4s on a voluntary basis in Maine
  - EPA inspector lives in Maine and travels MTA ROW routinely
- Stormwater Utility District development
  - Self-generating revenue stream to fund MS4 and TMDL compliance for municipalities
  - On the rise in Maine (Portland and Bangor = in the works)

STORMWATER SUMMARY

- Existing regulations: **complex and plentiful**
- Proposed regulations: **increasingly more stringent and costly**
  - Additional annual costs may range from $100K to $1M
  - Additional land acquisitions may be needed to comply
- Adding complexity to projects
  - Impaired stream requirements (e.g., TMDL, WMPs, etc.)
  - Coordination/participation on local level, despite State Sovereignty
  - Increased fees due to additional IA/Utility Districts

SUMMARY OF CURRENT AND PROPOSED REGULATIONS APPLICABLE TO MTA'S EXISTING AND PROPOSED DEVELOPMENT

MAINE POLLUTANT DISCHARGE ELIMINATION PROGRAM (MEPDES) PROGRAM

Post-Construction Discharge of Stormwater in UIS Watersheds

General Permit*
for Long Creek watershed

Procedure:
(1) File NOI w/DEP and municipality
(2) Execute PLA

Requirements:
(A) Participation in WMP;
Annual reports (by LCWMD)
(B) Implementation of WMP
Generally
- making payments
- supplying easements
- cooperating IAW WMP

Specific to MTA
- conservation easement
- check through WMP for other MTA specific requirements

(C) Funding mechanism
WMP must result in compliance with WQ stds by 12/31/2020
(D) Required Activities

(1) Construction of projects
Tier I, Tier II, instream and riparian projects commensurate with the percentage of participating landowners

(2) Inspection and Maintenance (I&M)
I&M if construction projects, plus P2 and housekeeping
(see LCWMD minimum requirements)

(3) Monitoring and Assessment

(E) Adaptive management -- review of WMP to ensure compliance by 2020

(F) Conditional authorization
contingent upon LCWMD satisfactorily implementing WMP

Other GP considerations:
(1) Board participation/jurisdiction;
(2) Precedence for local control:
(3) Conservation easement in WMP;
(4) Precursor to Stormwater Utility District;
(5) Potential offsets for initial assessment/fees established

Individual Permit
for areas within watershed meeting Ch 500

Requirements:
(1) Meet Ch 500 Basic Standards
(i.e., ESC, I&M, housekeeping)
(2) Meet Ch 500 General Standards
- no exception for linear projects
- retrofit for treatment within 5 years

(3) Inpsect BMPs annually
- corrective actions within 30 days
- maintenance plan for property
- paved areas swept annually

(4) Establish, or contribute to an existing, monitoring program
(5a) Mitigate effects of past discharges
(i.e., floodplain restoration, buffer establishment, channel stabilization)
(5b) Contribute to existing WMP based on percentage of impervious area
(5c) Combined effort of (5a) and (5b)

Other IP considerations:
(1) Identify retrofits outside widening footprint
(2) Estimate cost of retrofits:
(3) Establish fee structure (e.g., monitoring, etc.);
(3) Negotiate w/DEP on all aspects

MS4* (Existing Development)

MCMs:

#1 - Public Ed'n & Outreach
Awareness/BMP Adoption Plans
Annual Training Requirements

#2 - Public Involvement
FOAA
Coordinate w/MS4s

#3 - IDDE Program
Mapping
Inspections
Open ditch systems
Identify prohibited discharges

#4 - Construction
Reduce pollutants (>1 acre of DA)
Develop SOP for enforcement actions

#5 - Post-construction
Identify BMPs (structural and non-structural)
Establish I&M schedule
Report annually on I&M
Develop SOP for enforcement

#6 - P2/Good Housekeeping
Typical spill prevention, training, etc.
Typical MSGP vehicle maintenance facility requirements

UIS Considerations
for existing development within UA;
MTA chose two priority UIS watersheds in 2008

EPA's proposed MS4 Expansion to include:
(1) Beyond UA and into UIS areas
(2) Additional requirements for new development/redevelopment
(3) Additional Phase 1 requirements (e.g., monitoring, TMDL,
(4) Retrofit existing conveyances

MS4 regulations:
Currently do not apply within Long Creek, but are implemented within Urbanized Areas (UA) and EPA's proposed expansion would capture UIS areas like Long Creek

MSGP (Maintenance Facility)

Typical Elements:

(1) SWPPP
(2) Q'ly Monitoring
(3) Q'ly Inspections
(4) Annual Training Requirements
(5) Annual Evaluation
(6) Other sector-specific requirements for vehicle maintenance facilities

MSGP regulations:
Currently do not apply to vehicle maintenance facilities, but will likely be pursued by DEP due to CA court ruling regarding "industrial activities."

CGP (Redevelopment/Construction Activities)

Procedure:
File NOI and NOT w/DEP
Requirements:
(1) Meet Ch 500 Basic Standards
(i.e., ESC, I&M, housekeeping)
(2) Develop ESC Plan for projects

Additional Proposed Requirements:
(40 CFR 450 Construction ELGs)
(A) ESC measures
Satisfied by existing CGP/Basic Standards
(B) Soil stabilization
Satisfied by existing CGP/Basic Standards
(C) Dewatering practices
Satisfied by existing CGP/Basic Standards plus Ch305/PBR
(D) P2 measures
Satisfied by existing CGP/Basic Standards plus possibly MS4
(E) Prohibited discharges
Satisfied by MS4 IDDE
(F) Surface outlets
(G) ELGs (turbidity monitoring):
>20 acres by August 2011
>10 acres by Feb 2014
(H) NSPS:
Any new source altering existing conditions
Disturbed area of 5 acreas or more

OTHER PROGRAM CONSIDERATIONS

NRPA

(a) PBR (Ch 305.11); and
(b) full NRPA permit

Both mechanisms to capture construction concerns within UIS and non-UIS areas

SITE LAW

(a) Linear Projects
(i) Primarily exempt from seeking Site Law coverage
(ii) Must implement Ch 500 in accordance with MOA*
(iii) Incorporate UIS standards during development and/or redevelopment
(MOA Section 3.D UIS standards: "…shall meet UIS std…to extent practicable…thru consultation with and agreement by DEP.")

(b) Non-linear Projects
(i) MaineDOT developing MOA
(ii) Subject to full extent of Ch 500, including UIS standards

** indicates annual reporting requirements*

HIGHLIGHTING KEY/NOTES:	
Cells indicate potential for alternative GP to provide proactive mechanism for proposed EPA/DEP	= Alternative GP considerations
Cells indicate proposed EPA/DEP regulations or standards	= Proposed rule changes
Cells indicate that UIS considerations are already incorporated into applicable rules	= Existing UIS considerations

TOTAL MAXIMUM DAILY LOADS (TMDLs) =
A regulatory value for the maximum amount of a pollutant that a waterbody can receive while still meeting water quality standards (i.e., drinkable, swimmable, fishable, capable of supporting aquatic organisms). TMDLs are enforceable through permits (i.e., mainly NPDES permits).

DRAFT TABLE 1
Summary of MTA Facilities and Other Features within UA
Maine Turnpike Authority

REGULATED SMALL MS4 COMMUNITY	2013 Permit[7] — MILE MARKER DELINEATION [1] Northern Boundary	2013 Permit — MILE MARKER DELINEATION [1] Southern Boundary	2013 Permit — LINEAR DISTANCE OF UA SEGMENT (Miles)	2008 Permit — MILE MARKER DELINEATION [1] Northern Boundary	2008 Permit — MILE MARKER DELINEATION [1] Southern Boundary	2008 Permit — LINEAR DISTANCE OF UA SEGMENT (Miles)	MTA FACILITY FEATURES [2] WITHIN UA (Roadway and ROW assumed)	WATER BODIES	STREAMS [3]
SABATTUS	**MM 84.3** Lisbon Road Underpass	**MM 83.6** Sabattus Town Line	**0.7**	**MM 84.3** Lisbon Road Underpass	**MM 83.6** Sabattus Town Line	**0.7**	*None identified*	*None identified*	None identified
LEWISTON	**MM 83.6** Lewiston / Sabattus town line	**MM 78.9** Androscoggin River	**4.7**	**MM 79.6** Goddard Road Overpass	**MM 78.9** Androscoggin River	**0.7**	**Exit 80** Interchange (ramps) **Exit 80** Park and Ride (parking lot)	*None identified*	1 Unnamed tributary of No Name Brook (crosses Turnpike south of Grove Street overpass) 2 No Name Brook 3 **Unnamed tributary of Hart Brook**[6 8] (crosses Turnpike at Alfred A Plourde Parkway overpass) 4 **Hart Brook**[6 8] (aka Dill Brook; crosses Turnpike 3 times: north and south of Goddard Road and south of River Road) 5 Androscoggin River
Intermittent contact (< 0.1 mi) within Lewiston UA				**MM 81.4** Route 196 & MCRR Overpass		**< 0.1**			
				MM 80.8 Ferry & Cottage Road Overpass		**< 0.1**			
AUBURN	**MM 78.9** Androscoggin River	**MM 78.8** Riverside Drive	**0.1**	**MM 78.9** Androscoggin River	**MM 78.8** Riverside Drive	**0.1**	*None identified*	*None identified*	5 Androscoggin River
	MM 75.8 Danville Corner Road Underpass	**MM 75.0** Kitty Hawk Avenue Underpass	**0.8**	**MM 75.6** Washington Street Overpass	**MM 75.0** Kitty Hawk Avenue Underpass	**0.6**	**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**						6 Moose Brook
FALMOUTH	**MM 53.4** Mountain Road Underpass	**MM 51.8** Presumpscot River	**1.6**	**MM 53.4** Mountain Road Underpass	**MM 51.8** Presumpscot River	**1.6**	**Exit 53** Interchange (ramp) **Exit 53** Toll Plaza **Exit 53** West Falmouth Park and Ride (parking lot)	*None identified*	7 Unnamed tributary of Presumpscot River (crosses Turnpike near Exit 53 NB on-ramp)
	Falmouth Spur midpoint between CNRR Overpass and Falmouth/Middle Road Overpass	**Falmouth Spur** Falmouth Road/Middle Road Overpass	**≈ 0.1**	**Falmouth Spur** midpoint between CNRR Overpass and Falmouth/Middle Road Overpass	**Falmouth Spur** Falmouth Road/Middle Road Overpass	**≈ 0.1**	*None identified*		
	Falmouth Spur Presumpscot River	**Falmouth Spur** Portland/Falmouth Town Line	**≈ 0.9**	**Falmouth Spur** Presumpscot River	**Falmouth Spur** Portland/Falmouth Town Line	**≈ 0.9**	*None identified*		8 Presumpscot River
PORTLAND	**Falmouth Spur** Exit 52 Interchange	**Falmouth Spur** Portland/Falmouth Town Line	**≈ 0.1**	**Falmouth Spur** Exit 52 Interchange	**Falmouth Spur** Portland/Falmouth Town Line	**≈ 0.1**	**Exit 52** Interchange (ramps and spur)	*None identified*	8 Presumpscot River
	MM 51.8 Presumpscot River	**MM 46.4** South Portland / Portland town line	**5.4**	**MM 51.8** Presumpscot River	**MM 46.7** Stroudwater River	**5.1**	**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) **Exit 46** Jetport		9 Northerly unnamed tributary of Presumpscot River (crosses Turnpike south of Riverside Street overpass) 10 Southerly unnamed tributary of Presumpscot River (crosses Turnpike south of Route 302 overpass) 11 **Capisic Brook**[6 8] (within Turnpike ROW south of Warren Ave overpass) 12 **Nasons Brook**[6 8] (crosses Turnpike south of Brighton Ave and RR overpass) 13 Stroudwater River
SOUTH PORTLAND	**MM 46.4** South Portland / Portland town line	**MM 44.8** Scarborough / South Portland town line	**1.6**				**Crosby Maintenance Facility** **Exit 45** South Portland	*None identified*	14 **Long Creek**[6]
SCARBOROUGH	**MM 44.8** Scarborough / South Portland town line	**MM 41.2** Before Beechridge Rd Underpass	**3.6**	**MM 42.0** Two Rod Road Underpass	**MM 41.6** Unnamed tributary of Beaver Brook	**0.4**	**Exit 44** Interchange (ramps) **Exit 42** Interchange (ramps) **Exit 42** Scarborough Park and Ride (parking lot)	*None identified*	15 **Red Brook**[6 8] 16 Nonesuch River 17 Unnamed tributary of Beaver Brook (crosses Turnpike south of Two Rod Road underpass) 18 Beaver Brook 19 Finnerd Brook
SACO	**MM 35.7** Goosefare Brook	**MM 33.0** Saco River	**2.7**	**MM 35.7** Goosefare Brook	**MM 33.0** Saco River	**2.7**	**Exit 36** Interchange (ramps) Former Exit 36 Interchange (ramps) Saco Hotel and Conference Center Exit	*None identified*	20 **Goosefare Brook**[6 8] 21 Deep Brook 22 Cole Brook 23 Saco River
BIDDEFORD	**MM 33.0** Saco River	**MM 30.6** Arundel / Biddeford town line	**2.4**	**MM 33.0** Saco River	**MM 32.0** Thacher Brook	**1.0**	**Exit 32** Interchange (ramps) **Exit 32** Biddeford Park and Ride (parking lot)	*None identified*	23 Saco River (including wetlands on southern bank along SB lanes) 24 Unnamed tributary of Saco River (crosses Turnpike south of South Street and runs parallel) 25 **Thacher Brook**[6 8] (crosses Turnpike north & south of Biddeford connector) 26 Unnamed tributary of Thacher Brook (crosses Turnpike north of Biddeford Connector)
YORK	**MM 7.5** Just North of York Toll	**MM 6.2** Cider Hill Road	**1.3**				**York Barrier Toll Plaza** **York Maintenance Facility**	*None identified*	27 Little River 28 Unnamed tributary of Moulton Brook (crosses Turnpike at York exit) 29 York River
	MM 5.2 York River	**MM 4.8** Beechridge Road	**0.4**						29 York River
KITTERY	**MM 4.2** Kittery town line	**MM 2.2** Spruce Creek (Start of Turnpike)	**2.0**	**MM 4.2** Kittery town line	**MM 3.1** Cutts Road	**1.1**	**Rest Area** Welcome Center (operated by MaineDOT)	*None identified*	30 Libby Brook (crosses Turnpike in two places near Welcome Plaza) 31 Unnamed tributary of Fuller Brook (Crosses Turnpike south of Cutts Road) 32 Spruce Creek
MDOT Territory	**MM 2.2** Spruce Creek *(End of Turnpike)*	**MM 0.0** Maine/New Hampshire State Line	**2.2**	**MM 2.2** Spruce Creek *(End of Turnpike)*	**MM 0.0** Maine/New Hampshire State Line	**2.2**	**Exit 1** Interchange **Exit 2** Interchange **Exit 3** Interchange		32 Spruce Creek 33 Chickering Creek 34 Piscataqua River
	2013 Total Linear Miles of UA:		**31.6**		**2008 Linear Miles of UA:**	**17.5**			

NOTES:

1.) 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.

2.) MTA facility features identified within each host MS4 communities include the roadway (i.e., paved roads, bridges, etc.) and ROW (e.g., approximate 300-foot wide corridor along MTA roadway), as well as interchanges (i.e., approach ramps), spurs and toll plazas as indicated. "*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.

3.) In 2008, streams were identified by using the corresponding 7.5-minute series topographic United States Geological Survey (USGS) quadrangle. Stream locations, as well as water body information, in this table will be updated as more detailed mapping is performed and made available. 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.

4.) Urbanized areas (UA) along the Maine Turnpike's approximate 300-foot ROW within each of the regulated small MS4 municipalities were delineated using purple cross-hatching on the corresponding USGS maps that are included in the Part A NOI submittal that is included in this document as Appendix A. UA delineation is based on the UA maps provided for each regulated municipality on the Maine Department of Environmental Protection's (DEP's) website, which include "Automatically Designated MS4 Areas".
(Reference: http://www.state.me.us/dep/blwq/docstand/stormwater/maps/index.htm)

5.) Copies of the corresponding UA maps and applicable portions of the USGS quadrangles are presented in the Part A NOI submittal that is included in this document as Appendix A.

6.) Maine DEP classifies several specific waterways within the state designated as Urban Impaired Streams (UIS). A number of these streams cross MTA's ROW in UA as listed in embolded text. MTA's 2008 Stormwater Program Management Plan (SPMP) identifies Goosefare Brook and Hart Brook (aka Dill Brook) as the two priority watersheds within MTA's terrority.

7.) UA for 2013 Permit is based on 2010 Census data downloaded by GZA. Official 2013 UA mapping is not currently available from DEP. MM designations were determined using features identified on MTA's *Mileage Chart with Stationing - 2012* (printed September 24, 2012).

8.) Streams included in Maine Impervious Cover Total Maximum Daily Load (TMDL) Assessment for Impaired Streams are presented in **red text**.

9.) All yellow highlighted areas indicate newly regulated areas, features, etc.

10.) Areas to be mapped under 2013 MS4 permit include:
- Auburn
  - MM 75.3 to MM 75.8 (0.5 miles)
  - MM 73.5 to MM 75 (1.5 miles)
- Scarborough
  - MM 41.0 to MM 44.0 (3 miles)
- Biddeford
  - MM 30.6 to MM 32.0 (1.4 miles)
- York
  - MM 6.2 to MM 8.8 (2.6 miles)
  - MM 4.8 to MM 5.2 (0.4 miles)
- Kittery
  - MM 2.2 to MM 3.1 (0.9 miles)

~ Total area to be mapped = 10.3 miles

MCM 1: EDUCATION AND OUTREACH

ISWG Summary of Minimum Control Measure 1 (PY5)

APPENDIX A:
Permit Year 5 Summary of Minimum Control Measure 1

Stormwater Awareness Plan Implementation

Outreach Tool	Status (x = complete) PY1[1]	PY2	PY3	PY4	PY5	PY5 Details	
PY5 requirement: *to be in compliance, implement A5 and one additional activity (A2, A3, A4 or A6). If A3 has not been implemented in this permit cycle, it should be selected as the additional activity for communities where public receptacles are visible.*							
A1 - Run the Ducky II ad for 3 weeks (required in PY 2&3)		x	x				
A2 - Distribute posters at municipal offices, libraries, local hotspots (required in PY 2-4)		x	x	x	x	A total of 275 stormwater-related posters were displayed in local establishments in the 14 ISWG communities.	
A3 - Affix stickers to waste receptacles (required in PY5)					x	Stickers featuring the Think Blue Maine logo, website, and the message "Don't trash our water!" were developed and affixed to public trash cans in schools, municipal buildings, libraries, and parks/public areas in ISWG communities[2]. Communities received stickers in the following quantities:	
						Biddeford	500
						Cape Elizabeth	500
						Cumberland	500
						Falmouth	500
						Freeport	500
						Gorham	500
						Old Orchard Beach	500
						Portland	500
						Saco	500
						Scarborough	700
						South Portland	500
						Westbrook	700
						Windham	500
						Yarmouth	500
A5 - Ducky ad + *After the Storm*, a video co-produced by EPA & the Weather Channel on local cable access stations (required in PY 4&5)			x	x	x	Each ISWG community's public access television station was provided with a copy of the Ducky II ad and *After the Storm*. The following information was received from the stations regarding air play:	
						Biddeford	No data provided
						Cape Elizabeth	No data provided
						Cumberland	No data provided
						Falmouth	*After the Storm* was aired daily in May and June; the Ducky ad played frequently between programming.
						Freeport	No data provided

[1] PY1 was dedicated to developing the awareness plan. No public awareness outreach was required.

[2] 500 stickers were also provided to the Maine Turnpike Authority to be distributed at their administrative building in Portland, maintenance facilities, and toll booths.

						Gorham	*After the Storm* and the Ducky ad aired daily.
						Old Orchard Beach	No data provided
						Portland	No data provided
						Saco	No data provided
						Scarborough	No data provided
						South Portland	Between 7/1/12 and 6/30/13, South Portland Community Television aired over 281 hours of water-related programming (including *After the Storm* and the ducky ad).
						Westbrook	No data provided
						Windham	No data provided
						Yarmouth	No data provided

PY5 requirement *- to be in compliance, implement B1 & B4 and one additional activity (B2, B3 or B5).*						
B1 - Prominent links established on municipal and partner websites (required in PY 2-5)		x	x	x	x	
B2 - Article in local newspaper and/or town newsletter (required in PY 2-5)		x	x	x	x	A press release about stormwater and the *Urban Runoff* 5k was submitted to the following publications: *Forecaster* (all editions; covers Cape Elizabeth, Cumberland, Falmouth, Freeport, Portland, Scarborough, South Portland & Yarmouth)*, Portland Daily Sun* (Portland)*, Independent* (Windham)*, American Journal* (Gorham & Westbrook), *Courier* (Biddeford, Saco & OOB), *Portland Press Herald*; The *Portland Press Herald* featured the Urban Runoff in their "In the City" blog (April 19, 2013).
						WGME 13 featured the Urban Runoff in their news broadcast (April 20, 2013)
B4 – Run online web ads for three months (required in PY 4&5)				x	x	Online ads that directed viewers to www.thinkbluemaine.org ran on news and outdoor-focused websites and on the Time Warner Cable RoadRunner email log-in page in all ISWG communities for the months of March – May 2013. Using Time Warner Cable's online ad service, ISWG was able to specifically market to our target audience (homeowners, aged 35-55) primarily within the ISWG communities (residents of outlying communities potentially saw the ads as well). According to the summary report provided by Time Warner Cable, the ads were seen by our target audience more than 400,000 times and had a "click through rate" (the number of times the ads were clicked) of 0.07%. ISWG's click through rate was higher than the industry average of 0.04%. There was a 214% increase in hits on the Think Blue Maine website over this three-month period compared to the previous three three-month periods (June 2012 – August 2012, September 2012 –

						November 2012, December 2012 – February 2013).

PY5 requirement *- to be in compliance, implement C1 and one additional activity (C2, C3, C4 or C5).*						
C1 - Email newsletter/blurb to municipal employees (including school department), university employees, etc. (Required in PY 3-5)			x	x	x	An email promoting the *Urban Runoff* and *Green Neighbor Family Fest* was sent to all employees[3] in ISWG communities. The email included information about stormwater, as well as promoting the events.
C2 – Informational materials developed as part of awareness tool distributed in each ISWG community.				x	x	General stormwater information was distributed throughout priority neighborhoods in each ISWG community. The following number of households received information:
						Biddeford: 122
						Cape Elizabeth: 79
						Cumberland: 112
						Falmouth: 95
						Freeport: 64
						Gorham: 68
						Old Orchard Beach: 79
						Portland: 1797
						Saco: 111
						Scarborough: 110
						South Portland: 86
						Westbrook: 111
						Windham: 96
						Yarmouth: 61

PY5 Evaluation

The Interlocal Stormwater Working Group partnered with other MS4 clusters and the University of Maine (UMaine) to complete an evaluation survey of our target audience. The survey instrument was based on Maine DEP's intercept survey (developed by Market Decisions, 2007), the Bangor Area Stormwater Group's 2011 intercept survey instrument, and the Cumberland County Soil & Water Conservation District's (CCSWCD) 2012 Capisic Brook landowner survey (developed by UMaine and CCSWCD, 2012). A summary report is included in Appendix C.

[3] The City of South Portland was unable to distribute the email to all municipal staff. A stormwater-related article was included in a municipal newsletter.

Best Management Practices Adoption Plan Implementation

Task	Status (x = complete) PY1[4]	PY2	PY3	PY4	PY5	PY5 Details
Reporting						
Summarize plan implementation to date	x	x	x	x	x	
Point of Sale						
Expand number of stores participating in the Point of Sale program; goal is to have 21 participating stores.	x	x	x	x	x	In PY5 the number of stores participating in the program was maintained at 21. The distribution of the stores is as follows: Biddeford: 0 Cape Elizabeth: 0 Cumberland: 1 Falmouth: 2 Freeport: 1 Gorham: 2 Old Orchard Beach: 1 Portland: 2 Saco: 1 Scarborough: 2 South Portland: 3 Westbrook: 1 Windham: 2 Yarmouth: 3
Adult Education						
Offer a minimum of six YardScaping classes per year	x	x	x	x	x	9/12/12: UMaine Cooperative Extension Master YardScaper class (Scarborough), 20 participants 9/26/12: Scarborough Adult Ed, 17 participants 3/6/13: Scarborough Adult Ed, 15 participants 3/11/13: Youth YardScaper teacher workshop (Falmouth): 8 participants 3/23/13: Biddeford Pool Improvement Association winter meeting, 25 participants 4/2/13: Citizens of a Green Gorham sponsored training, class cancelled due to low registration 4/13/13: Skillins Greenhouse spring class (Falmouth), 47 participants 6/4/13: Falmouth Middle School Youth YardScaping public presentation, 39 participants 6/5/13: Falmouth Middle School Youth YardScaping public presentation, 42 participants
Promote adult education classes	x	x	x	x	x	Press releases publicizing the available classes were submitted to local publications, additional information was published in local adult education brochures, via direct mail, using social networking websites, and through host locations.

[4] Behavior change plan development occurred in PY1. The YardScaping program was still in the pilot stage during PY1, and not all tasks were required.

Track behavior change	x	x	x	x	x	CCSWCD staff documented class evaluations and contacted past adult education class participants to determine which YardScaping practices were adopted. Please see summary of behavior change reported by participants of PY4 classes, as well as those practices participants of PY5 classes intend to implement, below.

Targeted Information Distribution

Distribute information to priority neighborhoods (minimum of 50-100 households in size) in each ISWG community.		x	x	x	x	YardScaping information was distributed throughout priority neighborhoods in each ISWG community. The following number of households received information:
						Biddeford: 122
						Cape Elizabeth: 79
						Cumberland: 112
						Falmouth: 95
						Freeport: 64
						Gorham: 68
						Old Orchard Beach: 79
						Portland: 1797
						Saco: 111
						Scarborough: 110
						South Portland: 86
						Westbrook: 111
						Windham: 96
						Yarmouth: 61
Distribute YardScaping information to local establishments (e.g. pet stores, veterinarian offices, pediatrician offices). (Required in PY 3-5)			x			Note: With approval from Maine DEP, this task was removed from ISWG's BMP Adoption Plan in PY4.

Websites & Free Media

Maintain CCSWCD YardScaping website	x	x	x	x	x	CCSWCD maintained the YardScaping website and tracked hits. Increased hits were seen after targeted neighborhood outreach efforts, public events, and adult education presentations.
Newspaper coverage of YardScaping activities and healthy lawn care	x	x	x	x	x	*Portland Press Herald:* Maine Gardener: Eradicating weeds takes patience, persistence and hard work (July 22, 2012)
						Portland Press Herald: Maine Gardener: A lawn, with his thoughts (September 9, 2012)
						Portland Press Herald: Maine Voices: Act now to get some protection from pesticide spraying (December 21,2012)
						Portland Press Herald: Concern over pesticide use at schools rises (January 1, 2013)
						Portland Press Herald: Pesticide forum may have both sides buzzing (January 13, 2013)
						Portland Press Herald: Maine Gardener: Biocontrols are hot (January 27, 2013)

Neighborhood YardScape Socials

Hold a minimum of zero neighborhood socials in the ISWG communities	x	x	x	x	x	Zero neighborhood socials were held in the ISWG communities in PY5.

Adult Education – Behavior Change Tracking

During the fall of 2012, CCSWCD staff made follow up phone calls with participants of YardScaping adult education classes held in the fall of 2011 and spring of 2012 (PY4 class participants) in order to determine the level of implementation of the YardScaping practices. As expected, it was difficult to reach people, but the information gleaned from those who were reached provided an anticipated rate of compliance.

Follow up phone calls from Permit Year 4 YardScaping Classes (behavior change tracking)			
Lawn Care Practice	**Planned to implement**	**Implemented practice**	**% behavior change**
Set Mower to a height of 3"	17	17	100.00%
Leave grass clippings	3	3	100.00%
Sharpen mower blades	12	9	75.00%
Aerate	21	7	33.33%
Topdress	20	9	45.00%
Overseed	19	15	78.95%
Use low maintenance seed	21	15	71.43%
Get a soil test	18	10	55.56%
Use nitrogen-only fertilizer	11	7	63.64%
Use compost tea	18	6	33.33%

Cumulative Behavior Change (PY1-4)[5]			
Lawn Care Practice	**Planned to implement**	**Implemented practice**	**% behavior change**
Set Mower to a height of 3"	84	84	100.00%
Leave grass clippings	51	49	96.08%
Sharpen mower blades	71	58	81.69%
Aerate	128	69	53.91%
Topdress	135	79	58.52%
Overseed	130	88	67.69%
Use low maintenance seed	145	108	74.48%
Get a soil test	128	87	67.97%
Use nitrogen-only fertilizer	115	79	68.70%
Use compost tea	112	41	36.61%

[5] Behavior change resulting from PY5 classes will be documented in the fall of 2013.

Follow up phone calls are made six months to a year after the class to allow participants a growing season to implement the recommended practices. Below are the results of the Permit Year 5 post-class evaluations.

Permit Year 5 Post-Class Evaluations			
Lawn Care Practice	**Plan to implement**	**Currently do not implement**	**% planning to implement**
Set Mower to a height of 3"	17	17	100.00%
Leave grass clippings	9	10	90.00%
Sharpen mower blades	17	21	80.95%
Aerate	37	38	97.37%
Topdress	37	41	90.24%
Overseed	38	40	95.00%
Use low maintenance seed	39	40	97.50%
Get a soil test	38	44	86.36%
Use nitrogen-only fertilizer	34	40	85.00%
Use compost tea	26	38	68.42%

CCSWCD staff will contact the class participants from the Permit Year 5 classes in the fall of 2013 to determine which behaviors have been adopted.

ISWG Classroom Education Activities

The following is a summary of education activities completed in each ISWG community during the 2012-2013 school year. Activities were provided by the following:

CCSWCD: Deb Debiegun, District Educator, Cumberland County Soil & Water Conservation District, ddebiegun@cumberlandswcd.org, 207-892-4700 x 101

PWD: Sarah Plummer, Environmental Education Coordinator, Portland Water District, splummer@pwd.org, 207-774-5961 x3324

Totals
PY5 total students: 3,358
PY5 total contact hours: 2,040

Cumulative (PY 1-5) total students: 14,033
Cumulative (PY 1-5) total contact hours: 57,354.25

Biddeford
PY5 total students: 165
PY5 total contact hours: 124
Lesson topics: Watersheds, water movement, and transport of nonpoint source pollutants.
Schools: Biddeford Middle School
Educator: CCSWCD

Cumulative (PY 1-5) total students: 363
Cumulative (PY 1-5) total contact hours: 299

Cape Elizabeth
PY5 total students: 178
Total contact hours: 950
Lesson topics: Soil as water pollution; erosion; watersheds. Nonpoint source pollution, erosion, water flow, and best management practices; buffers and their ability to mitigate pollution; water cycle; amount of water in the world and conservation; watersheds, water movement, and transport of pollution; stormwater, nonpoint source pollution, and cumulative impact; invasive species; trout anatomy, adaptations, and reliance on clean water; lake stratification; pervious/impervious surfaces, buffers, and best management practices.
Schools: Cape Elizabeth High School, Pond Cove Elementary School
Educator: CCSWCD, PWD

Cumulative (PY 1-5) total students: 845
Cumulative (PY 1-5) total contact hours: 4,370

Cumberland
PY5 total students: 237
PY5 total contact hours: 1,263
Lesson topics: Watersheds, nonpoint source pollution, and water quality parameters; in-class water quality testing; major global ocean currents and local Gulf of Maine circulation, how trash and pollution is transported; how our actions affect water quality in freshwater and marine resources; water cycle; amount of water in the world and conservation; watersheds, water movement, and transport of pollution; stormwater, nonpoint source pollution, and cumulative impact; invasive species; trout anatomy, adaptations, and reliance on clean water; lake stratification; pervious/impervious surfaces, buffers, and best management practices.

Schools: Greely High School, Greely Middle School
Educator: CCSWCD, PWD

Cumulative (PY 1-5) total students: 920
Cumulative (PY 1-5) total contact hours: 6335.5

Falmouth
PY5 total students: 123
PY5 total contact hours: 2040
Lesson topics: Watersheds and water flow, local water bodies, and watersheds; stormwater pollution and cumulative impact; nonpoint source pollution and behavior change; experiments and independent research projects where students formed a yard care company based on the YardScaping program (healthy lawn care without the use of chemicals) and presented their research to the public.
Schools: Falmouth Middle School, REAL school
Educator: CCSWCD, PWD

Cumulative (PY 1-5) total students: 600
Cumulative (PY 1-5) total contact hours: 6599

Freeport
PY5 total students: 44
PY5 total contact hours: 176
Lesson topics: Watersheds, watershed models, water in the world; defining water pollution, soil as pollutant in water; stormwater pollution and cumulative impact; direct and indirect uses of water; nonpoint source pollution, impervious/pervious surfaces, runoff, and best management practices.
Schools: Mast Landing School
Educator: CCSWCD

Cumulative (PY 1-5) total students: 220
Cumulative (PY 1-5) total contact hours: 619

Gorham
PY5 total students: 267
PY5 total contact hours: 817
Lesson topics: Storm drains, runoff, non-point source pollution, water movement; watersheds, non-point source pollution, and water quality parameters; nonpoint source pollution, impervious/pervious surfaces, runoff, and best management practices; in-class water quality testing, water cycle; amount of water in the world and conservation; watersheds, water movement, and transport of pollution; stormwater, nonpoint source pollution, and cumulative impact; invasive species; trout anatomy, adaptations, and reliance on clean water; lake stratification; pervious/impervious surfaces, buffers, and best management practices; vernal pools and local frogs.
Schools: Gorham Middle School, Sunny Days Summer Camp, Great Falls Elementary School
Educator: CCSWCD, PWD

Cumulative (PY 1-5) total students: 993
Cumulative (PY 1-5) total contact hours: 3,866

Old Orchard
PY5 total students: 57
PY5 total contact hours: 171
Lesson topics: Amount of water in the world, conservation, and the water cycle; watersheds and water movement; nonpoint source pollution, stormwater, storm drains, cumulative impact, and wastewater.

Schools: Loranger Middle School
Educator: CCSWCD

Cumulative (PY 1-5) total students: 251
Cumulative (PY 1-5) total contact hours: 1,103

Portland
PY5 total students: 192
PY5 total contact hours: 356
Lesson topics: Watersheds, water cycle, water movement; nonpoint source pollution, stormwater, storm drains, cumulative impact; water locations; drinking water treatment and distribution; "Make a Splash" Festival featuring various Project WET water activities.
Schools/Groups: Lincoln Middle School, Riverton Elementary School, State Street Preschool
Educator: CCSWCD, PWD

Cumulative (PY 1-5) total students: 2,519
Cumulative (PY 1-5) total contact hours: 5,865

Saco
PY5 total students: 75
PY5 total contact hours: 290
Lesson topics: Water cycle, where water is found, watersheds, point and nonpoint source pollution, soil as pollutant in water; bioassessment process to determine water quality (classroom activity).
Schools/Groups: Saco Middle School
Educator: CCSWCD

Cumulative (PY 1-5) total students: 339
Cumulative (PY 1-5) total contact hours: 1,045

Scarborough
PY5 total students: 187
PY5 total contact hours: 463
Lesson topics: Amount of water in the world; nonpoint source pollution, stormwater, storm drains, cumulative impact; water cycle; amount of water in the world and conservation; watersheds, water movement, and transport of pollution; stormwater, nonpoint source pollution, and cumulative impact; invasive species; trout anatomy, adaptations, and reliance on clean water; lake stratification; pervious/impervious surfaces, buffers, and best management practices; groundwater.
Schools/Groups: Girl Scouts (Brownies), Wentworth Intermediate School, Scarborough High School, Scarborough Middle School
Educator: CCSWCD, PWD

Cumulative (PY 1-5) total students: 1,100
Cumulative (PY 1-5) total contact hours: 2,547

South Portland
PY5 total students: 313
PY5 total contact hours: 1,945
Lesson topics: Group investigation of water topics and sampling inflow to pond; macroinvertebrate sampling and fish traps at Clark's pond outlet; Watersheds, water cycle, water movement; bioassessment process to determine water quality (classroom activity); nonpoint source pollution, soil as pollutant, impervious/pervious surfaces, runoff, and best management practices; water cycle; amount of water in the world and conservation; watersheds, water movement, and

transport of pollution; stormwater, nonpoint source pollution, and cumulative impact; invasive species; trout anatomy, adaptations, and reliance on clean water; lake stratification; pervious/impervious surfaces, buffers, and best management practices; macroinvertebrate sampling and water quality testing.
Schools: Small Elementary School, Memorial Middle School, Mahoney Middle School, Skillin Elementary School, Dyer Elementary School
Educator: CCSWCD, PWD

Cumulative (PY 1-5) total students: 2,609
Cumulative (PY 1-5) total contact hours: 12,237

Westbrook
PY5 total students: 94
PY5 total contact hours: 102
Lesson topics: Discussion of hydropower pros and cons, history of Presumpscot River and dams, role play discussion on pros and cons of dam removal.
Schools: Westbrook Middle School
Educator: CCSWCD

Cumulative (PY 1-5) total students: 465
Cumulative (PY 1-5) total contact hours: 1,705

Windham
PY5 total students: 263
PY5 total contact hours: 1,340
Lesson topics: Macroinvertebrate sampling; "Water Maine" collaboration with PWD; amount of water in the world, water cycle; watersheds, water movement, watershed models; bioassessment process (classroom activity); stormwater, nonpoint source pollution, storm drains, cumulative impact; mixtures and turbidity water cycle; amount of water in the world and conservation; watersheds, water movement, and transport of pollution; stormwater, nonpoint source pollution, and cumulative impact; invasive species; trout anatomy, adaptations, and reliance on clean water; lake stratification; pervious/impervious surfaces, buffers, and best management practices; macroinvertebrate sampling; relating macroinvertebrates to flyfishing and river ecology and food systems; "Water Maine" book project (book written by high school students for middle school audience about various water topics).
Schools: Windham High School, Windham Middle School, Manchester Elementary School
Educator: CCSWCD, PWD

Cumulative (PY 1-5) total students: 1,494
Cumulative (PY 1-5) total contact hours: 10,395

Yarmouth
PY5 total students: 107
PY5 total contact hours: 129
Lesson topics: Water pollution, nonpoint source pollution, soil as pollutant, impervious/pervious surfaces, runoff, and best management practices; stormwater, storm drains, cumulative impact.
Schools: Yarmouth Elementary School
Educator: CCSWCD

Cumulative (PY 1-5) total students: 270
Cumulative (PY 1-5) total contact hours: 368.75

APPENDIX B:
Permit Year 5 Summary of Minimum Control Measure 2

Urban Runoff & Green Neighbor Family Fest

The second annual *Urban Runoff* 5K race and walk and the *Green Neighbor Family Fest* were held on April 20, 2013. The goal of these events was to raise awareness of stormwater and funds for ISWG's school education program. With approval from Maine DEP, race and festival served as the Public Involvement and Participation event for all ISWG communities.

By all accounts, this second annual event was a huge success. A total of 589 runners and walkers registered for the race, and many local businesses supported the race through sponsorships, in-kind donations and employee participation as race participants and volunteers. Local media outlets advertised the events, including radio sponsorship during the month of April by 98.9 WCLZ. Online advertising through Facebook and Active.com was also used to promote the race and cause.

Anecdotes as well as a post-race survey completed by race participants demonstrate the success of the race's planning and implementation. Many participants particularly enjoyed the course, which uniquely features both suburban neighborhood streets as well as about a mile long section of trail in an urban area of Portland. Many survey respondents indicated the cause of the race, clean water education, was a major reason why they chose to participate.

To meet the goal of increasing stormwater awareness, CCSWCD designed and placed signs along the course focused on runoff, pollution, and water movement. These messages were also included on the race website, which at its peak received over 2,000 hits on one day, with an average of 300 hits per day. Stormwater awareness messages were also included in the six eblasts that were sent to all registered participants, sponsors, and partners.

The 2013 post-race survey included questions related to awareness of stormwater issues. More than 200 people responded to the post-race survey. Ninety percent of those who responded stated that stormwater runoff impacts local waters in some way, with 72% said that stormwater runoff has a major impact on the cleanliness of Maine's waterways, and 18% said it had somewhat of an impact. In addition, many respondents were able to identify common water pollutants, including: lawn care products (56%); oil (52%); pet waste (38%); trash (36%); road salt (20%); soil (17%); cigarette butts (9%); metals (9%); car exhaust (6%); and bacteria (3%).

The *Green Neighbor Family Fest* was held after the race on the front lawn of Deering High School. The event ran for three and a half hours and was attended by approximately 750 people. Scheduled events included the awards ceremony and three child-focused, environmentally-themed live performances, including music, theater and magic. A total of 17 displays were set up by local nonprofit and governmental organizations, and businesses to provide hands-on, educational activities for children. These activities included water quality testing, "poo bag" toss (about proper disposal of pet waste), stormwater maze, and many more. Children also took part in face painting.

The festival was also a great success. Children were engaged, and parents provided feedback that the activities were not only fun, but also educational for both parents and children.

Plans are underway to host the third annual *Urban Runoff* 5K and *Green Neighbor Family Fest* on Saturday, April 26 2014.

MCM 2: PUBLIC INVOLVEMENT AND PARTICIPATION

Permit Year 5

MCM 2: PUBLIC INVOLVEMENT AND PARTICIPATION

List of meetings attended by MTA personnel/contractors (PY5)

MTA MS4 Annual Progress Report

LOG 1 - Interlocal Stormwater Working Group (ISWG) Meetings Attended by MTA

Date	Activity Attended and Location	Persons Attended
6/4/2013	York County MS4 Meeting - Kittery Town Hall	RS
5/18/2013	Westbrook Housing Authority Conf. Rm.	RS, JB
3/21/2013	Westbrook Housing Authority Conf. Rm.	AM
1/17/2013	Westbrook Housing Authority Conf. Rm.	AM
11/15/2012	Westbrook Housing Authority Conf. Rm.	RS
9/20/2012	Westbrook Housing Authority Conf. Rm.	RS
8/16/2012	Westbrook Housing Authority Conf. Rm.	AM, JB
6/28/2012	Westbrook Housing Authority Conf. Rm.	RS
4/19/2012	Westbrook Housing Authority Conf. Rm.	RS
2/16/2012	Westbrook Housing Authority Conf. Rm.	RS
1/19/2012	Westbrook Housing Authority Conf. Rm.	RS
10/20/2011	Woodlands Club, Falmouth	JB
9/15/2011	Westbrook Housing Authority Conf. Rm.	RS
8/18/2011	"Red tape review" meeting in Augusta with Governor's office and DEP	RS
7/21/2011	Westbrook Housing Authority Conf. Rm.	RS
6/16/2011	Westbrook Housing Authority Conf. Rm.	RS
5/19/2011	Westbrook Housing Authority Conf. Rm.	RS
4/21/2011	Westbrook Housing Authority Conf. Rm.	RS
3/17/2011	Westbrook Housing Authority Conf. Rm.	RS
2/17/2011	Westbrook Housing Authority Conf. Rm.	RS
1/20/2011	Westbrook Housing Authority Conf. Rm.	RS
12/16/2010	Westbrook Housing Authority Conf. Rm.	RS
11/18/2010	Westbrook Housing Authority Conf. Rm.	RS
9/16/2010	Westbrook Housing Authority Conf. Rm.	RS
7/22/2010	Westbrook Housing Authority Conf. Rm.	JB
5/20/2010	Westbrook Housing Authority Conf. Rm.	RS
4/15/2010	Westbrook Housing Authority Conf. Rm.	RS
2/18/2010	Westbrook Housing Authority Conf. Rm. (Post-Construction issues)	RS
1/21/2010	Westbrook Housing Authority Conf. Rm.	RS
11/19/2009	Westbrook Housing Authority Conf. Rm. (Chapter 500 revisions and MS4 updates)	RS
9/17/2009	Westbrook Housing Authority Conf. Rm.	RS
7/16/2009	Westbrook Housing Authority Conf. Rm.	RS
5/21/2009	Westbrook Housing Authority Conf. Rm.	JP, JB
3/19/2009	Westbrook Housing Authority Conf. Rm.	JB, RS
2/19/2009	Westbrook Housing Authority Conf. Rm.	RS
1/15/2009	Westbrook Housing Authority Conf. Rm.	RS, JB
11/20/2008	Westbrook Housing Authority Conf. Rm.	RS, JB
10/15/2008	Westbrook Housing Authority Conf. Rm.	RS
9/25/2008	Westbrook Housing Authority Conf. Rm.	RS
9/18/2008	Westbrook Housing Authority Conf. Rm.	RS
7/17/2008	Westbrook Housing Authority Conf. Rm.	RS
6/19/2008	Westbrook Housing Authority Conf. Rm.	RS
5/15/2008	South Portland Library	JB, RS
3/20/2008	Westbrook Housing Authority Conf. Rm.	JB, RS
2/20/2008	Westbrook Housing Authority Conf. Rm.	RS
1/31/2008	Westbrook Housing Authority Conf. Rm.	RS
11/15/2007	Westbrook Housing Authority Conf. Rm.	JB
6/21/2007	Westbrook Housing Authority conf. Rm.	JB
5/2/2007	Westbrook Housing Authority conf. Rm	JB
2/8/2007	Westbrook Housing Authority conf. Rm	RS
12/21/2006	Westbrook Housing Authority conf. Rm	RS
10/26/2006	Westbrook Housing Authority conf. Rm	RS
9/21/2006	Westbrook Housing Authority conf. Rm	RS
7/12/2006	Westbrook Housing Authority conf. Rm	RS
5/18/2006	Westbrook Housing Authority conf. Rm	RS
3/16/2006	Wesbrook Housing Authority conf. Rm	RS

MTA MS4 Annual Progress Report

LOG 1 - Interlocal Stormwater Working Group (ISWG) Meetings Attended by MTA

Date	Activity Attended and Location	Persons Attended
1/19/2006	Westbrook Housing Authority conf. Rm	RS
7/21/2005	Westbrook Housing Authority conf. Rm.	AG
5/19/2005	Westbrook Housing Authority Conf. Rm.	AG
4/21/2005	Westbrook Housing Authority Conf. Rm.	AG
3/17/2005	Westbrook Housing Authority Conf. Rm.	AG
2/17/2005	Westbrook Housing Authority Conf. Rm.	AG
12/16/2004	Westbrook Housing Authority Conf. Rm.	JB
11/18/2004	Westbrook Housing Authority Conf. Rm.	JB
10/21/2004	Westbrook Housing Authority Conf. Rm.	JB
9/22/2004	MEDEP, 312 Canco Road, Portland	AG
8/11/2004	Westbrook Housing Authority conf. Rm.	JB
7/15/2004	Westbrook Housing Authority conf. Rm.	AG
6/22/2004	Westbrook Housing Authority Conf Rm.	JB
5/20/2004	Westbrook Housing Authority Conf Rm.	AG
4/15/2004	Westbrook Housing Authority Conf Rm.	JB
3/18/2004	Westbrook Housing Authority Conf Rm.	JB
2/23/2004	Westbrook Housing Authority Conf Rm.	JB
1/22/2004	Westbrook Housing Authority Conf Rm.	JB, SN
12/18/2003	ME ANG Armory, South Portland	JB, SN, RS, AG
11/13/2003	ME ANG Armory, South Portland	SN
9/4/2003	ME ANG Armory, South Portland	SN
8/7/2003	ME ANG Armory, South Portland	JB, SN, RS, AG
7/10/2003	ME ANG Armory, South Portland	JB, SN, RS
6/3/2003	ME ANG Armory, South Portland	JB, SN, RS
5/15/2003	ME ANG Armory, South Portland	JB, SN, RS
5/1/2003	ME ANG Armory, South Portland	JB, SN, RS
3/26/2003	Barron Center, Portland	AG
2/26/2003	ME ANG Armory, South Portland	JB, SN
1/29/2003	ME ANG Armory, South Portland	JB, SN
1/8/2003	ME ANG Armory, South Portland	SN
12/6/2002	ME ANG Armory, South Portland	JB, SN
11/14/2002	ME ANG Armory, South Portland	JB, SN
10/23/2002	ME ANG Armory, South Portland	JB, SN

KEY (PERSONS ATTENDED)

AG Amy Grace, *MTA Environmental Safety Specialist*
JB John Branscom, *MTA Environmental Service Coordinator*
RS Robyn Saunders, *GZA GeoEnvironmental, Inc. (Representing MTA)*
AM Aimee Mountain, *GZA GeoEnvironmental, Inc. (Representing MTA)*
JP Jennifer Pisani, *GZA GeoEnvironmental, Inc. (Representing MTA)*
SN Sharon Newman, *Preti & Flaherty, LLC. (Representing MTA)*

MTA MS4 Annual Progress Report

LOG 2 - Other Stormwater Meetings Attended by MTA

DATE	ACTIVITY ATTENDED and LOCATION	PERSONS ATTENDED
6/11/2013	Salt Management Task Force Meeting (conf call)	BT
5/23/2013	Stormwater presentation to MTA Board of Directors (public meeting at MTA HQ)	JB, MTA Exec. Mgmt & Auth Board
5/22/2013	Long Creek Watershed Management Board Meeting	JB
5/16/2013	Salt Management Task Force Meeting	BT, BW
5/13/2013	Scarborough stakeholders meeting for Red Brook WMP and Municipal Stormwater Mngmt Plan	JB
4/25/2013	Salt Management Task Force Meeting	BT
4/24/2013	Red Brook WMP/Scarborough MSMP Meeting with Jim Wendel	JB, ST
4/5/2013	Long Creek Watershed Management Board Meeting - Maine Turnpike Authority	JB
3/27/2013	Long Creek Technical Advisory Committee Meeting	RS
3/27/2013	Stroudwater River Watershed Survey Stakeholders Committee meeting	RS
3/18/2013	Statewide MS4 General Permit Meeting - DEP Response Room in Augusta	RS, AM
3/15/2013	Long Creek Watershed Management Board Meeting - Portland Marriot at Sable Oaks	JB
2/22/2013	Salt Management Task Force Meeting (and interview for WRRI research study)	BW, BT
1/28/2013	Long Creek Annual Meeting	RS & Peter Mills
1/25/2013	Long Creek Watershed Management Annual Meeting - Sable Oaks, South Portland	RS & Peter Mills
1/18/2013	Long Creek Watershed Management Board Meeting - Maine Turnpike Authority	JB, JA
1/16/2013	Long Creek Technical Advisory Committee Meeting	RS
12/7/2012	Long Creek Watershed Management Board Meeting - Scarborough Town Hall	JB
11/15/2013	Long Creek Technical Advisory Committee Meeting	RS
11/7/2012	Statewide MS4 General Permit Meeting - Maine Municipal Association	RS
10/17/2012	Statewide Salt Management meeting with DEP	PM, BW, BT
9/28/2012	Long Creek Watershed Management Board Meeting - Maine Turnpike Authority	JB
6/22/2012	Long Creek Watershed Management Board Meeting - Westbrook Public Safety Building	JB?
5/23/2012	Statewide MS4 General Permit Meeting - DEP Response Room in Augusta	RS
5/18/2012	Long Creek Watershed Management Board Meeting - Scarborough Town Hall	JB
4/27/2012	Long Creek Watershed Management Board Meeting - Maine Turnpike Authority	JB?
4/25/2012	Salt Management Task Force Meeting	BT
4/19/2012	Watershed Prioritization Meeting - Westbrook Housing Authority	JB, BW, BT
4/15/2012	Long Creek Technical Advisory Committee Meeting	RS
3/21/2012	Long Creek Watershed Management Board Meeting - Nixon Training Room Portland Water District	JB?
2/16/2012	Watershed Prioritization Meeting - Westbrook Housing Authority	JB, BW, BT
1/30/2012	Long Creek Watershed Management Annual Meeting	JB?
1/18/2012	Statewide Salt Management meeting with DEP	RS
1/12/2012	Long Creek Technical Committee Meeting	RS
12/15/2011	Statewide IC TMDL Meeting - Augusta Armory	RS
12/14/2011	Long Creek Watershed Management Board Meeting - Westbrook Housing Authority	JB?
11/2/2011	Long Creek Technical Advisory Committee Meeting	RS
10/21/2011	Long Creek Watershed Management Board Meeting - Scarborough Town Hall	JB?
10/6/2011	Long Creek Winter Maintenance Meeting with Contractors at CCSWCD	RS
10/5/2011	Long Creek Technical Advisory Committee Meeting	RS
9/16/2011	Long Creek Watershed Management Board Meeting - Portland Marriot at Sable Oaks	JB?
8/11/2011	Long Creek Board Meeting and MTA Headquarters Conf. Room E	JB
8/8/2011	Post Construcion Site Audit - CPEC Binder Handoff Sabttus Bridge Project.	JB, BF, CM
7/19/2011	City of Portland Stormwater Utility Development coordination meeting	CW
7/14/2011	Env. Site Audit - Litchfield Academy Road Bridge Project	RL, JD, JB
7/13/2011	DEP Meeting regarding proposed statewide IC TMDL	RS
7/8/2011	Env. Site Audits - Auburn - Washington Streen, Falmouth - Presumpscot Bridge, Kennebunk - Eastern Trail Bridge	SM, SW, JB, TH
6/22/2011	CPEC Post Conctruction Env. Audit - Portland Paving Project.	JB, RM
6/22/2011	Statewide Salt Management meeting with DEP	RS
6/21/2011	Long Creek / Red Brook Exit 45 Site Walk Good Will Parking Lot	JB, RS
6/21/2011	City of Portland Stormwater Task Force meeting	RS
6/17/2011	Stormwater briefing for new MTA Executive Director	RS, JB, JA
6/17/2011	Capisic Brook Watershed Management Plan (CBWMP) strategic stakeholders meeting	RS
6/16/2011	ILSWG Meeting - Westbrook Housing Authority Conf. Room	RM, RS
6/10/2011	Long Creek Board Meeting - Westbrook Housing Authority Conf. Room	JB
6/9/2011	Finance Team meeting for the Capisic Brook Watershed Management Plan (WMP)	RS
6/7/2011	CPEC Post Conctruction Env. Audit - Southern Paving Project. - MM13.3 - MM23.3	JB, BF
5/18/2011	Maintence Supervisors Monthly Meeting - Discuss Stormwater Management Requirments	JB, BW, BT, RD, JS, DC, AV AP, RN, GM
5/13/2011	Long Creek Board Meeting - Scarborough Library	JB
5/4/2011	CPEC Post Construction Env. Audit - York Paving Project - MM 2.2 - MM 6.8	JB, AV
4/29/2011	CPEC Binder Meeting - Design Construction Phase Binder Handoff - MTA HQ Conf. Room E - Academy Road Bridge Project.	JB, TH, RL, SW
4/28/2011	Red Brook Watershed Management Plan public meeting	RS
4/12/2011	Capisic Brook Finance Committee meeting	RS
4/8/2011	Design Construction Phase, CPEC Binder Handoff MM 13.3 - MM 23.3 Paving Project Handoff, and Preconstruction Meeting with Contractor	JB, BF
3/4/2011	Long Creek Board Meeting - South Portland Community Center	JB
2/24/2011	Long Creek Technical Committee meeting	RS
2/3/2011	Red Brook WMP meeting (i.e., technical/structural recommendations)	RS
1/20/2011	ILSWGP Meeting - Westbrook Housing Authority Conf. Room	JB

LOG 2 - Other Stormwater Meetings Attended by MTA

DATE	ACTIVITY ATTENDED and LOCATION	PERSONS ATTENDED
1/19/2011	Long Creek Technical Committee meeting	RS
1/14/2011	Long Creek Board Meeting - MTA HQ Building Conf Room E	JB
12/15/2010	Long Creek Technical Committee	RS
9/22/2010	Red Brook WMP Land Use Workgroup meeting	RS
8/18/2010	Mtg in Augusta of DEP stakeholders/public for proposed revisions to Chapter 500	RS
7/29/2010	Capisic Brook WMP meeting	RS
6/23/2010	Long Creek Governing Board meeting	RS
5/18/2010	Mtg at Scarborough Town Office to kick off Red Brook WMP efforts	RS
5/7/2010	Mtg in Augusta of DEP stakeholders for proposed revisions to Chapter 500	RS
4/28/2010	Mtg with MaineDOT and MaineDEP to discuss alternative General Permit in Long Creek	MTA management, JB, RS
4/22/2010	Capisic Brook WMP Policy and Planning Team meetings	RS
4/13/2010	Mtg with Long Creek Watershed Management District to discuss applicable credits and SILOP	RS
Apr-10	Mtg in Augusta of DEP stakeholders for proposed revisions to Chapter 500	RS
4/1/2010	Capisic Brook WMP Policy and Planning Team meetings	RS
3/31/2010	Mtg with MaineDOT to discuss alternative General Permit in Long Creek	MTA management, JB, RS
3/29/2010	In house CPEC binder training for MTA and HNTB personnel	JB, RS, MTA and HNTB engineers
3/29/2010	In house mtg for CPEC development and coordination	JB, RS, SL, ST, RD
3/25/2010	In house mtg for CPEC development and coordination	JB, RS, SL, ST, RD
3/24/2010	In house Environmental/Planning meeting	MTA management, JB, RS
3/16/2010	In house mtg for CPEC development and coordination	JB, RS, SL, ST, RD
3/3/2010	In house mtg for CPEC development and coordination	JB, RS, SL, ST, RD
2/26/2010	Mtg in Augusta of DEP stakeholders for proposed revisions to Chapter 500	RS
2/24/2010	In house Environmental/Planning meeting	MTA management, JB, RS
2/19/2010	In house mtg for CPEC development and coordination	JB, RS, SL, ST, RD
2/17/2010	Mtg in Augusta of DEP stakeholders for proposed revisions to Chapter 500	RS
2/11/2010	In house mtg for CPEC development and coordination	JB, RS, SL, ST, RD
2/5/2010	In house mtg for CPEC development and coordination	JB, RS, SL, ST, RD
2/3/2010	In house mtg for CPEC development and coordination	JB, RS, SL, ST, RD
2/3/2010	Mtg in Augusta of DEP stakeholders for proposed revisions to Chapter 500	RS
1/28/2010	Kick off stakeholders meeting for Capisic Brook	RS
1/27/2010	In house Environmental/Planning meeting	MTA management, JB, RS
1/7/2010	BEP hearing on Ch 521 (i.e., IP language)	RS
1/7/2010	Mtg at Scarborough Town Office for Red Brook Watershed Management Plan	RS
1/4/2010	Joint MTA/MaineDOT Environmental Meeting	MTA management, JB, RS
12/10/2009	Capisic Brook kickoff meeting of “working group”	RS
Nov-09	Webinar for transportation agencies regarding EPA’s proposed Effluent Limitation Guidelines (ELGs) for construction projects (40 CFR 450)	RS
11/16/2009	Long Creek public meetings regarding the Participating Landowners Agreement (PLA)	JA
Nov-09	DEP subcommittee meeting regarding proposed redevelopment standards in Chapter 500	RS
11/4/2009	Long Creek public meetings regarding the Participating Landowners Agreement (PLA)	JA
10/28/2009	Long Creek Assessment with DEP and CCSWCD	RS, JA, JB
10/14/2009	Mtg at PWD to discuss Long Creek PLA	RS, JA, JB
10/8/2009	Mtg at MaineDOT with DEP regarding Long Creek process and other topics relative to State transportation agencies	MTA management, JB, RS
10/2/2009	Long Creek public meeting	JA
9/30/2009	Mtg at DEP for Chapter 500 Stakeholders	RS
9/29/2009	In house Environmental/Planning meeting	MTA management, JB, RS
9/23/2009	Mtg at Fairchild Semiconductor for anticipated O&M requirements in Long Creek PLA	RS, JA
9/17/2009	Mtg at DEP for Chapter 500 Stakeholders	RS
9/16/2009	Mtg at PWD to discuss Long Creek PLA	RS, JA
9/10/2009	In house Environmental/Planning meeting	MTA management, JB, RS
9/3/2009	Mtg at MTA with MaineDOT to discuss Long Creek PLA	RH, PN, JA, RS
8/27/2009	Mtg at Fairchild Semiconductor to discuss Long Creek PLA	JA, RS, PN
8/26/2009	In house Environmental/Planning meeting	MTA management, JB, RS
8/13/2009	Mtg at MTA with MaineDOT to discuss Long Creek	JA, ST, RS, PN, RH, TK
8/12/2009	Mtg at PWD to discuss Long Creek PLA	JA, RS, PN, RH
8/7/2009	In house Environmental/Planning meeting	MTA management, JB, RS
8/5/2009	Mtg at PWD to discuss Long Creek PLA	JA, JB, RS, RP, RH
8/5/2009	Mtg at MTA with MaineDOT to discuss Long Creek	JA, JB, RS, RP, RH
7/31/2009	Mtg at Sable Oaks to discuss Long Creek PLA	RS, TK, RP
7/16/2009	MTA Supervisors Mtg to discuss Post-Construction requirements	RS, JB, WJ, BW & Foremen
7/15/2009	DEP Public Meeting on Long Creek GP	JA, JB, RS
7/9/2009	Mtg at PWD to discuss Long Creek PLA	RS, JA
7/6/2009	In-house meeting to discuss Post-Construction requirements	RS, ST, PM, SL, BW
6/24/2009	Conf call w/MaineDOT re Long Creek permitting requirements	RS, SN, JB, PN, RH, RP
6/16/2009	Conf call w/DEP, MaineDOT and CCSWCD	JB, SN, RS, ST, TLP, DW
6/11/2009	Mtg at PWD for Long Creek Landowners	JB, SN, RS
6/9/2009	Mtg at DEP to discuss Long Creek stormwater requirements	JB, JA, ST, RS, SN, JD, DW
5/28/2009	Public Meeting for Town Councilors of Long Creek watershed	SN, RS, RH
5/24/2009	Site walk of MTA property in Long Creek w/DEP	JB, RS, JD
4/16/2009	Facilitated meeting at MM 23.2 Branch Brook Tour at Retention Basins (Wells/Kennebunk Water District)	JB, So. Maine Source Water Protection, Collaboration Workshop

LOG 2 - Other Stormwater Meetings Attended by MTA

DATE	ACTIVITY ATTENDED and LOCATION	PERSONS ATTENDED
4/16/2009	MTA Supervisors Mtg to discuss annual MS4 IDDE inspections at Crosby Maintenance - refresher training on CB/Ofs Insp., Cleaning	RS, JB, WJ, BW & Foremen
4/16/2009	MTA Board Meeting (address Long Creek)	JA, PM, ST
4/14/2009	Mtg at DEP to discuss Long Creek stormwater requirements	JB, SN, RS, ST, JA, DW, JD
4/3/2009	MTA Supervisors Meeting to review Ch 500/MOA and BMP requirements	JB, RS, WJ, BW & Foremen
3/31/2009	In-house MTA meeting to review contract language and BMPs	JB, RS, ST, RD
3/27/2009	Long Creek Steering Committee Meeting at PWD	SN, TLP
3/25/2009	DEP Meeting re: Long Creek watershed	SN, RS, JB, DW, TLP
3/18/2009	Long Creek Monitoring Committee Meeting	RS, PN, JD, DW, TLP
2/27/2009	In-house meeting to review draft MS4 Awareness and BMP Adoption Plans	JB, RS
2/11/2009	In-house meeting to review stormwater BMPs in Long Creek	JB, RS, SN, PM, ST, RD
1/30/2009	Long Creek Steering Committee Meeting at PWD	SN, JB, RS, DW, TLP
1/22/2009	Long Creek Stakeholders Meeting	JB, SN, RS, DW, TLP
12/18/2009	Long Creek Steering Committee Meeting	JB, RS, SN, DW, TLP
12/16/2008	Annual Environmental Briefing to MTA Authority BD.	JB, MTA Exec. Mgmt & Auth Board
12/8/2008	M&O Committee Meeting	RS, PN, RH, DW, JD, TLP
11/21/2008	Long Creek M&O Committee meeting	RS, JB, SN, PN, JD, DW, TLP
11/20/2008	Supervisors Meeting to review IDDE MGs accomplished/to be accomplished	JB, RS, WJ, BW & Foremen
11/19/2008	In-house MTA meeting to review draft SPMP and MGs	JB, RS, SN, PM, ST, RD
11/5/2008	Mtg at MaineDOT w/DEP to discuss Long Creek and MEPDES MOA	JB, RS, SN, PN, RH, DW, DL, JD
10/29/2008	Conf call w/MaineDOT to discuss stormwater BMPs	JB, SN, RS, PN, RH
10/21/2008	Long Creek M&O Committee Meeting	JB, SN, RS, PN, RH, DW, TLP
9/17/2008	Long Creek M&O Committee Meeting	JB, SN, RS, PN, RH, DW, TLP
9/3/2008	Mtg at MaineDOT: Long Creek transportation infrastructure committee	JB, RS, PN, RH
8/14/2008	Long Creek M&O Committee Meeting	JB, SN, RS
8/8/2008	Conf call w/DEP re UIS watershed prioritization	SN, RS, DL
8/6/2008	Mtg at MaineDOT: Long Creek transportation infrastructure committee	JB, SN, RS, PN, RH
7/9/2008	Long Creek Technical Advisory Committee Meeting	JB, SN, RS, PN, RH, DW, TLP
6/24/2008	Hart Brook "DRAFT" Water Management Plan Meeting - Lewiston/Auburn	RS, JB
6/24/2008	Stormwater Seminar - Lorman Ed. Services - Portland	JB, RS, SN, RH
6/12/2008	Stormwater Utility Workshop - Portland Water District	RS, SN
5/7/2008	Long Creek Watershed Management Meeting (Sable Oaks, S. Portland)	RS, JB
5/2/2008	Long Creek Watershed Steering Committee Meeting (Sable Oaks, S. Portland)	RS, JB
4/28/2008	IBTTA Conference - Presentation on Stormwater BMPs - Florida	JB,WJ, ST,
4/25/2008	Long Creek Models, Outreach Committee(Fairchild, S. Portland)	JB, SN
4/9/2008	Site Walk With Zak Henderson along Long Creek on MTA Property	JB
3/4/2008	Long Creek Steering Committee Meeting (S.Portland West Side Fire Station)	RS, JB
1/10/2008	Long Creek TAC Meeting(DEP,Portland)	JB
11/13/2007	Long Creek TAC Meeting(Sable Oaks,Portland)	JB
6/21/2007	Stormwater Seminar	JB, RS
6/20/2007	Long Creek Watershed Management Meeting (Convening Committee Meeting)	RS, JB
6/11/2007	MOA Revision Meeting with DEP and DOT	RS, SN, ST, JB, WF
5/22/2007	Long Creek Watershed Management Meeting (Preliminary Meeting)	RS, JB
5/16/2007	DEP Stormwater Training for Public Works Facilities	MA
5/7/2007	Hart Brook Watershed Management Plan (Stakeholders Workshop)	RS
4/30/2007	MOA Revision Meeting with DEP and DOT	RS, SN, ST, RD, WF
4/5/2007	Hart Brook Watershed Management Plan (Public Meeting)	RS
3/15/2007	MOA Revision Meeting with DEP and DOT	RS, SN, ST, RD, WF
12/20/2006	MOA Revision Meeting with DEP and DOT	RS, SN, ST, RD, WF
6/15/2006	Chapter 500 Stakeholders Meeting	RS, SN
6/2/2006	MOA Revision Meeting with DEP and DOT	RS, SN, ST, RD, WF
5/30/2006	MOA Revision Meeting with DEP and DOT	RS, SN, ST, RD, WF
5/16/2006	MOA Revision Meeting with DEP and DOT	RS, SN, ST, RD, WF
5/3/2006	MOA Revision Meeting with DEP and DOT	RS, SN, ST, RD, WF
4/13/2006	DEP NPS Training for inspectors to control construction site runoff	RS
3/30/2006	Maine Chamber of Commerce Environmental Policy Meeting	RS
3/7/2006	Annual MOA Meeting with DEP and DOT	RS, SN, ST, RD
4/25/2005	Conference L.I.D. Stormwater BMP's-Civic Ctr, Augusta, ME.	JB, ST, BF
4/8/2005	Mtg w/Scott Lachance on Year 2 Mapping and Inventory	JB, SL
4/7/2005	Mtg w/GZA to discuss Year 2 Progress Report	JB, RS, PS
10/21/2004	A.S.C.E. Meeting/Dinner: Low Impact Development	JB, PM, ST, BF, SW
8/24/2004	W.H. Shurtleff Erosion, Sediment, Stormwater Seminar, Portland	JB, BT, AP, BW, BF
4/6/2004	IDDE Workshop, MEDEP, PWD, Portland	JB, SL, PS, WF
11/19/2003	State Wide, DEP Educational Media Comp. Auburn	JB, SN, RS
11/3 - 11/05/2003	Facilitated at Intl.Cold Climate SW Conf.	JB
10/28/2003	Mtg w/ Mark Curtin, HNTB ref. SW Mapping, Invt	JB
9/24/2003	In House Mtg on SWMP - Annex	JB, SL, ST
9/11/2003	Getting-In-Step Wrk Shop, Augusta	RS
9/10/2003	Interprogress review mtg at Annex	PM, JB, ST, WJ, BW, JA, **CR**
8/13/2003	In House Mtg SWPII interprogress review, Annex	JB, RS, SN
6/19/2003	Mtg with EER, Inc on SWPII, ref. Sabattus MSA, MTA	RS, AG
5/29/2003	Assist Software Trng- MENG Armory	RS, AG, JB, SN

LOG 2 - Other Stormwater Meetings Attended by MTA

DATE	ACTIVITY ATTENDED and LOCATION	PERSONS ATTENDED
5/6/2003	APWA - Case Studies in SWPII, Portland Pub. Works	AG, RS, JB
5/2/2003	In House SWPII, Car Fire Accident MTG	JB, RS, CR, BW
4/10/2003	In House Mtg SWPII, Annex	SN, JB, PM
4/4/2003	In House Mtg SWPII, Annex	SN, JB, PM
3/20/2003	Assist Software Trng- SWPII, Augusta	AG, RS
3/10/2003	In House Mtg - SWPII, Pat Bnoid Plan	RS, SN, JB
3/6/2003	In House No I Mtg- SWPII	RS, JB, AG
1/30/2003	In House Mtg with Peter M.	JB, PM
1/21/2003	Public Notice of Gen. Permit - Barron Ctr, PTLD	JB
1/21/2003	Brighton Ctr, PTLD	JB, SN, WJ
11/19/2002	MTA/MDOT SW PII - DOT HQ Winthrop	CO, SN, JB
10/18/2002	MDEP/MTA/MDOT Interlocal Gp Mtg, Augusta	JB, DL, SN
10/10/2002	PretiFlaherty Office with DOT	CO, PN, SN, JB
6/27/2002	Mtg at MDEP w/MDOT, MTA Non Traditonal	JB, SN, CO, PN, DL
6/21/2002	Mtg at DOT to begin SW drafting - MDOT HQ	PN, CO, JB

KEY (PERSONS ATTENDED):

AG Amy Grace, MTA Environmental Specialist/Training Coordinator
AM Aimee Mountain, GZA GeoEnvironmental, Inc. (*Representating MTA)*
AP Andy Perry, MTA Highway Maintenance Supervisor (north end)
AV Abel (Joe) Violette, MTA Highway Maintenance Foreman
BF Bill Franklin, MTA Deputy Director, Engineering and Building Maintenance
BT Brian Taddeo, MTA Highway Maintenance Engineer
BW Bill Wells, MTA Deputy Director, Highway and Equipment Maintenance
CM Charlie Myers, HNTB Resident Engineer
CO Chris Olson, Maine DOT
CR Curtis Richardson, former MTA Health & Safety Coordinator
CW Conrad Welzel
DC Dale Cook, MTA Highway Maintenance Foreman (Litchfield and Gardiner)
DL David Ladd, Maine DEP
DW Don Witherill, Maine DEP
GM Gary Montague, MTA Highway Maintenance Foreman (Gray)
JA Jon Arey, MTA Staff Attorney
JB John Branscom, MTA Environmental Services Coordinator
JD Jeff Dennis, Maine DEP
JS Jim Sotir, MTA Highway Maintenance Foreman (Kennebunk)
MA Maia Additon, former GZA Environmental Scientist
PM Peter Merfeld, MTA Chief Operations Officer
PN Peter Newkirk, Maine DOT
PS Peter Sherr, former GZA Project Manager
RD Bob Driscoll, HNTB
RH Ryan Hodgman, Maine DOT
RL Roland Levalle, HNTB Design Engineer
RM Roger Mathews, MTA Highway Maintenance Supervisor (South End)
RN Robert Nichols, MTA Equipment Maintenance Supervisor (now retired)
RP Rhonda Poirier, Maine DOT
RS Robyn Saunders, GZA GeoEnvironmental, Inc. (*Representating MTA)*
SL Scott Lachance, MTA Right-Of-Way Specialist
SM Scott McConihe, MTA Resident Inspector
SN Sharon Newman, Preti, Flaherty, LLC. (Representing MTA)
ST Steve Tartre, MTA Director, Engineer and Building Maintenance
SW Scott Warshal, Engineering Contract Administrator
TH Tianna Higgins, HNTB Design Engineer
TK Toni Kimmerle, Maine DOT
TLP Tamara Lee Pinard, Cumberland County Soil, Water Conservation District (CCSWCD)
WF Walter Fagerlund, HNTB Design Engineer
WJ Wes Jackson, MTA Director, Highway and Equipment Maintenance

MCM 2: PUBLIC INVOLVEMENT AND PARTICIPATION

List of Stormwater MS4 Coordinators (PY5)

Stormwater Coordinators for Select Host MS4 Communities

MS4 Community	Stormwater Coordinator(s)
Auburn area	Zac Henderson (Woodard & Curran)
Biddeford	Tom Milligan
Cape Elizabeth	Bob Malley
Cumberland	Steve Bradstreet (Ransom)
Falmouth	Jay Reynolds
Freeport	Al Presgraves
Gorham	Bob Burns
Kittery	Mary-Anne Conroy
Lewiston	Justin Early
Old Orchard Beach	Christine Rinehart (Wright-Pierce)
Portland	Kathi Earley
Portland	Doug Roncarati
Saco	Angela Blanchette
Scarborough	Jim Wendell
Scarborough	Mike Shaw
Scarborough	Steve Buckley
SMCC	Mark Gallup (retired March 2013)
SMCC	Scott Beatty, Dean of Administration
South Portland	Fred Dillon
South Portland	Dave Thomes
Westbrook	Eric Dudley
Westbrook	Lynn Leavitt
Windham	Doug Fortier
Yarmouth	Steve Johnson
York County MS4s	Kristie Rabasca
MaineDOT	Steve Tibbetts
MaineDOT	Rhonda Poirier

MCM 3: ILLICIT DISCHARGE AND DETECTION ELLIMINATION (IDDE)

Permit Year 5

MCM 3: ILLICIT DISCHARGE AND DETECTION ELIMINATION (IDDE)

Disk of IDDE Tracking Forms and Maps (PY5-1)

MCM 3: ILLICIT DISCHARGE AND DETECTION ELIMINATION (IDDE)

Spill Reports (PY5)

SPILL REPORT FORM

Maine Turnpike Authority
2360 Congress Street
Portland, Maine 04103

INCIDENT DESCRIPTION

Is The Spill Reportable? ☑ Yes ☐ No

Location Where Occurred: EXIT #32 - Biddeford Toll Facility
Emergency Electrical Generator Bldg.

Date Began: 11-01-12 Date Ended: 11-01-12

Time Began: EST. 12:00 NOON ☐ am ☐ pm Time Ended: 18:30 HOURS ☐ am ☒ pm

Spill/Release onto or into: (*check all that apply*) ☒ Air ☒ ~~Ground~~ FLOOR ☐ Water

Material Spilled/Released: Sulfuric acid

Extremely Hazardous Substance (EHS) Involved? ☑ Yes ☐ No

Amounts Spilled/Released: ESTIMATE < ½ Gallon.

Amounts Recovered: Absorbed and neutralized (100%).

Source and Cause of the Discharge: Battery malfunction / explosion

Is more spillage possible? ☐ Yes ☑ No. **If yes**, amount:

Description of All Affected Media (*include weather conditions*)::

Sulfuric acid sprayed onto floor & walls.

What resources are at risk? (*check all that apply*)

☐ Public Safety	☐ Public Water or Well	☐ Private Water or Well	☐ Atmosphere
☐ Land or Ground	☐ Open Water	☐ Surface Drainage	☐ Storm Sewer
☐ Sanitary Sewer	☒ Vapors in Building	☒ Other (*specify*): Floor and walls.	

Damages or Injuries Caused by Discharge:

None known.

Is an Evacuation necessary? ☐ Yes ☑ No

Corrective Action(s) Taken: (1.) Notified local fire dept. CPT. POTHIER; (2.) NOTIFIED MEDEP (Frankie Delaney); (3.) Clean Harbors responded and cleanup the acid spill and neutralized the acid sprayed on the floor and walls and properly disposed of the waste. New battery installed.

SPILL REPORT FORM

Maine Turnpike Authority
2360 Congress Street
Portland, Maine 04103

NOTIFICATIONS (To be made by MTA Communications Center if spill is reportable)

AGENCY	PHONE NUMBER	CONTACT NAME	DATE/ TIME	REPORTING CRITERIA
Local Fire Department	911	~~CPT~~ · POTHIER	11-01-12 @14:10HR.	If aid is needed to evacuate area
Maine State Police/State Emergency Response Commission (SERC)	1-800-482-0730	—	—	If aid is needed to evacuate or respond to spill
Maine Department of Environmental Protection		Frankie 446 CELL# 9899 Delaney (OHMS)	11-01-12 @ 14:00HR.	If spill is >5 gal. **or** visible sheen is present on surface water **or** occurs outside
SPILL HOTLINE Central Office	1-800-482-0777 287-7688			
Maine Emergency Management Agency (MEMA)	287-4080	—	—	If aid is needed to evacuate or respond to spill
National Response Center (NRC)	1-800-424-8802	—	—	If visible sheen is present on surface water

OTHER EMERGENCY TELEPHONE NUMBERS (for reference, if needed):	
~~Environmental Protection Agency, Region 1~~	1-617-223-7265
Clean Harbors Environmental Services	1-207-799-8111
~~Environmental~~ Projects, Inc. (EPI)	1-207-786-7390
ENPRO Services, Inc.	1-207-878-3031
AUGUSTA: Maine General Medical Center	1-207-626-1000
BIDDEFORD: Southern Maine Medical Center	1-207-283-7000
LEWISTON: Central Maine Medical Center	1-207-795-0111
PORTLAND: Maine Medical Center	1-207-871-2381
Poison Control Center	1-800-562-8236

DOCUMENT INSTRUCTIONS GIVEN BY EACH AGENCY NOTIFIED: *(attach sheets as necessary)*

NONE ·

REVIEW AND APPROVAL

PREPARER OF SPILL REPORT (MTA Site Supervisor/Foreman):

JOHN BRANSCOM — (signature) — 11-02-12

(printed name) (signature) (date)

CONTRACTOR SITE SUPERVISOR (if Cleanup Contractor involved):

CLEAN HARBORS, INC

(printed name) (signature) (date)

MTA ENVIRONMENTAL SERVICES COORDINATOR:

JOHN BRANSCOM — (signature) — 11-02-12

(printed name) (signature) (date)

AR-1 rev 2/07

HAZARDOUS MATERIALS INCIDENT

INITIAL NOTIFICATION

Federal Law Requires Information in Shaded Areas

1.	**Date of Incident:** 11-01-12	**Time of Incident:** @ 12:40 HR NOON ☐ AM ☐ PM
2.	**Company Name:** MTA.	
3.	**Location (street or route, town, and county):** EXIT #32 - Biddeford Toll Facility.	
4.	**Person Reporting:** JOHN BRANSCOM.	**Number Calling From:** (207) 671-3487.
5.	**Call Back Name:** (207) 671-3487.	**Call Back Number:** (207) 671-3487.
6.	**Type of Incident:** ☒ Fixed ☐ Transportation	**Truck/Rail Car#** — N/A —
7.	**Substance:** Sulfuric Acid ☒ **EHS**	**Trade Name:** Sulfuric Acid.
	Dot ID: Hazard Class: 8 - Corrosive.	**CAS Number:** ☐☐☐☐☐-☐☐-☐
8.	**Physical State Stored:** ☒ Liquid ☐ Solid ☐ Gas	**State Released:** ☒ Liquid ☐ Solid ☐ Gas
	Quantity Released: 2½ GAL ☐ Lbs ☒ Gal ☐ CuFt	**Reportable Quantity:** 1,000 Lbs
9.	**Container (check all that apply):**	**Capacity:** ☐ Lbs ☐ Gal ☐ CuFt
	☒ Fixed ☐ Mobile ☐ Portable ☐ Insulated ☐ Pressurized ☐ Armorized ☐ Steel ☐ Glass	
	☒ Plastic ☐ Tank ☒ Box ☐ Barrel ☐ Pipe ☐ Other:	
10.	**Release:** ☒ Completed ☐ Ongoing ☒ Confined	**Duration:** Instant. **Rate:**
11.	**Released to:** ☐ Soil ☐ Water ☐ Ocean ☐ Air ☐ Well ☐ Sewer ☒ Containment ☒ Other: EMERGENCY ELECTRICAL GENERATOR ROOM C	
12.	**Wind Direction:** — **MPH:** —	**Weather Conditions:** Partly Sunny **Temp:** 55F.
13.	**Assistance Needed:** ☐ Police ☐ Fire ☐ Ambulance ☒ HazMat Team ☐ Other: * CLEAN HARBORS, INC.	
14.	**Health Effects/Emergency Care Instructions (if known):** NONE KNOWN.	☐ Injuries ☐ Fatalities
15.	**Description of Incident:** Denise Edgerly (Mechanic - Kennebunk MF) was performing weekly maintenance check on emergency electrical generator at EXIT #32 Biddeford Toll and started the generator and the battery exploded.	
16.	**THE FACILITY MUST CALL THESE NUMBERS IMMEDIATELY:** ☑ **CLOSEST LOCAL FIRE DEPARTMENT** ☑ **MAINE STATE POLICE 1-800-452-4664 FOR SERC AND DEP Notification** ☐ **COUNTY SHERIFF'S OFFICE (see reverse for telephone number) for Local Emergency Coordinator notification** ☐ **NATIONAL RESPONSE CENTER 1-800-424-8802** **Incident No.:**	
17.	**Notification:** **Date:** 11-01-12 **Time:** 4:00 HR.	**Received by:** MEDEP & Biddeford FD.

ME 4743689

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
	MEX000000000	1 2	800-482-3715	005685109 FLE

5. Generator's Name and Mailing Address
MAINE TURNPIKE AUTHORITY
2360 CONGRESS STREET
PORTLAND ME. 04102
Generator's Phone: 207-871-7771 X4108

Generator's Site Address (if different than mailing address)
EXIT 32
BIDDEFORD ME. 04005

6. Transporter 1 Company Name
CLEAN HARBORS ENVIRONMENTAL SERVICES INC
U.S. EPA ID Number
MAD039322250

7. Transporter 2 Company Name
CLEAN HARBORS ENVIRONMENTAL SERVICES INC
U.S. EPA ID Number
MAD039322250

8. Designated Facility Name and Site Address
CLEAN HARBORS ELDORADO LLC
329 AMERICAN AVENUE
ELDORADO AR 71730
Facility's Phone: 870-863-1173
U.S. EPA ID Number
ARD069748192

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. UN3175, WASTE FLAMMABLE SOLIDS, CONTAINING LIQUIDS, N.O.S. (SULFURIC ACID), 8, PG II	001	DF	2000 PST	P	D002
	2.					
	3.					
	4.					

RECEIVED
DEC 17 2012
MAINE TURNPIKE AUTHORITY

14. Special Handling Instructions and Additional Information
1. LQUKA ERG 154 1X5

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: X JOHN M. BRANSCOM
Signature: X John M. Branscom
Month 11 Day 01 Year 12

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: RICHARD MILLER
Signature: Richard Miller
Month 11 Day 01 Year 12

Transporter 2 Printed/Typed Name: RICHARD MILLER
Signature: Richard Miller
Month 11 Day 06 Year 12

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1. H040	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: Matt Simmons
Signature: Matt Simmons
Month 12 Day 17 Year 12

GENERATOR | INT'L | TRANSPORTER | DESIGNATED FACILITY

EPA Form 8700-22 (Rev. 3-05). Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)
Clean Harbors has the appropriate permits for and will accept the waste this generator is shipping.

S0072 302

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: MEX 000 000 000
2. Page 1 of: 1
3. Emergency Response Phone: (800) 483-3718
4. Manifest Tracking Number: 005685153 FLE

5. Generator's Name and Mailing Address:
Maine Turnpike Authority
~~Exit 32~~ 0 2360 Congress Street
~~Fairfield, ME 04937~~ Portland ME 04102

Generator's Site Address (if different than mailing address):
Exit 32
Fairfield ME 04937

Generator's Phone: (207) 871-7771 x 4198

RECEIVED

6. Transporter 1 Company Name: Clean Harbors Environmental Services Inc
U.S. EPA ID Number: MAD039322250

DEC 17 2012

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address:
Universal Recycling Technologies, LLC
31 Industrial Park Road
Dover NH 03820
Facility's Phone: (603) 422-7731
U.S. EPA ID Number: NHD061095027

MAINE TURNPIKE AUTHORITY

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. ~~UN2800 BATTERIES, WET, NON-SPILLABLE ELECTRIC STORAGE, 8, PG III, (BATTERIES-UNIVERSAL WASTE)~~ DID NOT SHIP	~~001~~	~~DF~~	EST. ~~8850~~	P	~~MED002~~ ~~MED008~~
	2. UN 2794, BATTERIES, WET, FILLED WITH ACID, 8, PG III For Recycle as Universal Waste	001	DF	EST. 1050	P	MED002 MED008
	3.					
	4.					

14. Special Handling Instructions and Additional Information: 1 BR800087 BR800153 1X1L 1 BATTERY

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: A JOHN BRANSCOM | Signature: A John Branscom | Month 11 Day 01 Year 12

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: ______
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Richard Melcher | Signature: Richard Melcher | Month 11 Day 01 Year 12
Transporter 2 Printed/Typed Name: | Signature: | Month Day Year

18. Discrepancy
18a. Discrepancy Indication Space ☒ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Lead Acid 67 LBS
Manifest Reference Number:
18b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Carl Dwyer | Signature: [signature] | Month 11 Day 13 Year 12

GENERATOR | INT'L | TRANSPORTER | DESIGNATED FACILITY

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete. DESIGNATED FACILITY'S COPY

Universal Recycling TECHNOLOGIES

RECLAIM • RECYCLE • REINVENT

CERTIFICATE OF RECYCLING

Universal Recycling Technologies, LLC certifies that the following Shipment of materials was recycled in accordance with All applicable Federal, State, and Local Regulations:

Sales Order #: SO072902 005685153 FLE Confirmed receipt date: 11/13/2012

QUANTITY	DESCRIPTION	U/M	PROCESSING DATE
67.00	Battery Recycling-Lead Acid	LBS	11/16/2012

CERTIFICATE ISSUED TO:
Maine Turnpike Authority
2360 Congress St
Portland, ME 04102
781.792.5734

"I certify that all parts of the hazardous material referenced in the above shipping document including the mercury and lead have been recycled, i.e. used, reused or reclaimed as defined in Chapter 856, Section 11(A)(5)"

Authorized Representative Signature

URT, LLC
603-422-7711

Universal Recycling Technologies
61 Industrial Park Drive
Dover, NH 03821

DATE: *November 29, 2012*

SPILL REPORT FORM

Maine Turnpike Authority
2360 Congress Street
Portland, Maine 04103

INCIDENT DESCRIPTION

Is The Spill Reportable? ☒ Yes ☐ No

Location Where Occurred: MM 33.5 SOUTH BOUND, CENTER MEDIAN I-95, Saco, ME.

Date Began: 09-28-12 Date Ended: 09-29-12

Time Began: 09:30 ☐ am ☒ pm Time Ended: @ 06:30 ☒ am ☐ pm

Spill/Release onto or into: (*check all that apply*) ☐ Air ☒ Ground ☐ Water

Material Spilled/Released: Diesel Fuel

Extremely Hazardous Substance (EHS) Involved? ☐ Yes ☒ No

Amounts Spilled/Released: ESTIMATE 100-150 Gallons.

Amounts Recovered: ESTIMATE 50%-75%.

Source and Cause of the Discharge: Vehicular Collision 2x Tractor Trailers

Is more spillage possible? ☐ Yes ☒ No **If yes**, amount:

Description of All Affected Media (*include weather conditions*):

Center Median Guardrail @ 100 YARDS damaged.
Center median diesel fuel contaminated soil ESTIMATE (8FT x 100 YDS x 4-6" Deep)

What resources are at risk? (*check all that apply*)

☐ Public Safety	☐ Public Water or Well	☐ Private Water or Well	☐ Atmosphere
☒ Land or Ground	☐ Open Water	☒ Surface Drainage	☒ Storm Sewer
☐ Sanitary Sewer	☐ Vapors in Building	☐ Other (*specify*):	

Damages or Injuries Caused by Discharge:

100 YDS Guardrail, (100 YDS x 8FT x 4"-6") soil contaminated.

Is an Evacuation necessary? ☐ Yes ☒ No

Corrective Action(s) Taken: (1) Contacted MEDEP. (2) Contacted Clean Harbors, INC. 09-29-12 (3) Vacuumed up free product floating on water surface. Vacuumed out diesel fuel saddle tanks, unit removed. Excavated contaminated soil and properly disposed at CPRC, backfilled with clean loam, seeded & mulched. 09-01-12

SPILL REPORT FORM

Maine Turnpike Authority
2360 Congress Street
Portland, Maine 04103

NOTIFICATIONS (To be made by MTA Communications Center if spill is reportable)

AGENCY	PHONE NUMBER	CONTACT NAME	DATE/ TIME	REPORTING CRITERIA
Local Fire Department	911	Saco & Biddeford FD.	09-28-12. 21:30 HR.	If aid is needed to evacuate area
Maine State Police/State Emergency Response Commission (SERC)	1-800-482-0730	—	—	If aid is needed to evacuate or respond to spill
Maine Department of Environmental Protection		Steve Breztnik 446-9882	09-28-12, 21:30HR.	If spill is >5 gal. or visible sheen is present on surface water or occurs outside
SPILL HOTLINE Central Office	1-800-482-0777 287-7688			
Maine Emergency Management Agency (MEMA)	287-4080	—	—	If aid is needed to evacuate or respond to spill
National Response Center (NRC)	1-800-424-8802	—	—	If visible sheen is present on surface water

OTHER EMERGENCY TELEPHONE NUMBERS (for reference, if needed):	
Environmental Protection Agency, Region 1	1-617-223-7265
Clean Harbors Environmental Services	1-207-799-8111
Environmental Projects, Inc. (EPI)	1-207-786-7390
ENPRO Services, Inc.	1-207-878-3031
AUGUSTA: Maine General Medical Center	1-207-626-1000
BIDDEFORD: Southern Maine Medical Center	1-207-283-7000
LEWISTON: Central Maine Medical Center	1-207-795-0111
PORTLAND: Maine Medical Center	1-207-871-2381
Poison Control Center	1-800-562-8236

DOCUMENT INSTRUCTIONS GIVEN BY EACH AGENCY NOTIFIED: *(attach sheets as necessary)*

- Virgin letter to CPRC for contaminated soil and groundwater disposal
- METER to receive all cleanup & disposal invoices.

REVIEW AND APPROVAL

PREPARER OF SPILL REPORT (MTA Site Supervisor/Foreman):

JOHN BRANSCOM — (signature) — 10-01-12

(printed name) (signature) (date)

CONTRACTOR SITE SUPERVISOR (if Cleanup Contractor involved):

Clean Harbors.

(printed name) (signature) (date)

MTA ENVIRONMENTAL SERVICES COORDINATOR:

JOHN BRANSCOM — (signature) — 10-01-12.

(printed name) (signature) (date)

CPRC GROUP

70 Pleasant Hill Rd. Road, Scarborough, ME 04074
TEL: (207)883-3325 ~ SCALE: (207)883-2306 EXT.133
THANK YOU FOR YOUR PATRONAGE!!!

Customer: 10086
MAINE DEP-PORTLAND
312 CANCO ROAD
PORTLAND
ME

Job: 3502372
NEMF &/OR ESTES TRUCK
MTA MILE 34
BIDDEFORD, ME
P-781-12 VPOCS

Truck: 1
Driver: MISC
Mix: 3106
Mix Name: VPOCS

Ticket: 00170426
Operator: 1

Tare	Net	Gross		Job Today	Job ToDate
14.14	9.59	23.73	Ton	27.07	27.07
12.83	8.70	21.53	Tonne	24.56	24.56

Loads Today	Loads ToDate	Date & Time		Fob/Del
2	2	10/1/2012	12:29:42PM	FOB

MANUAL

SPILL REPORT FORM

Maine Turnpike Authority
2360 Congress Street
Portland, Maine 04103

INCIDENT DESCRIPTION

Is The Spill Reportable? [X] Yes [ ] No

Location Where Occurred: MM42SB, DEPARTING RAMP SCARBOROUGH.

Date Began: 09-15-12. Date Ended: 09-15-12

Time Began: _____ [ ] am [ ] pm Time Ended: _____ [ ] am [ ] pm

Spill/Release onto or into: (*check all that apply*) [ ] Air [ ] Ground [ ] Water

Material Spilled/Released: Gasoline Fuel.

Extremely Hazardous Substance (EHS) Involved? [ ] Yes [X] No

Amounts Spilled/Released: ESTIMATE 5-10 GALLONS.

Amounts Recovered: UNKNOWN.

Source and Cause of the Discharge: VEHICLE ACCIDENT.

Is more spillage possible? [ ] Yes [X] No **If yes**, amount:

Description of All Affected Media (*include weather conditions*):

Travel Lane pavement and Break Down Lane asphalt Pavement & adjacent soil shoulder.

What resources are at risk? (*check all that apply*)

[ ] Public Safety [ ] Public Water or Well [ ] Private Water or Well [ ] Atmosphere
[X] Land or Ground [ ] Open Water [X] Surface Drainage [ ] Storm Sewer
[ ] Sanitary Sewer [ ] Vapors in Building [ ] Other (*specify*):

Damages or Injuries Caused by Discharge: Small soil area contaminated, approximately 2½FT WIDE X 3±FT Long X 2FT DEPTH).

Is an Evacuation necessary? [ ] Yes [X] No

Corrective Action(s) Taken: (1.) DEP, State police, & Fire Dept Notified. (2.) Contaminated soil excavated and disposed at CPRC.

SPILL REPORT FORM

Maine Turnpike Authority
2360 Congress Street
Portland, Maine 04103

NOTIFICATIONS (To be made by MTA Communications Center if spill is reportable)

AGENCY	PHONE NUMBER	CONTACT NAME	DATE/ TIME	REPORTING CRITERIA
Local Fire Department	911	SCA&BOROUGH FD.	09-15-12	If aid is needed to evacuate area
Maine State Police/State Emergency Response Commission (SERC)	1-800-482-0730	—		If aid is needed to evacuate or respond to spill
Maine Department of Environmental Protection		John Longano -OHMS-	09-15-12	If spill is >5 gal. or visible sheen is present on surface water or occurs outside
SPILL HOTLINE Central Office	1-800-482-0777 287-7688			
Maine Emergency Management Agency (MEMA)	287-4080	—	—	If aid is needed to evacuate or respond to spill
National Response Center (NRC)	1-800-424-8802	—	—	If visible sheen is present on surface water

OTHER EMERGENCY TELEPHONE NUMBERS (for reference, if needed):	
Environmental Protection Agency, Region 1	1-617-223-7265
Clean Harbors Environmental Services	1-207-799-8111
Environmental Projects, Inc. (EPI)	1-207-786-7390
ENPRO Services, Inc.	1-207-878-3031
AUGUSTA: Maine General Medical Center	1-207-626-1000
BIDDEFORD: Southern Maine Medical Center	1-207-283-7000
LEWISTON: Central Maine Medical Center	1-207-795-0111
PORTLAND: Maine Medical Center	1-207-871-2381
Poison Control Center	1-800-562-8236

DOCUMENT INSTRUCTIONS GIVEN BY EACH AGENCY NOTIFIED: *(attach sheets as necessary)*

John Longano called John Branscom on 09-15-12 and agreed to have MTA assess and clean up gas spill site Monday Morning 09-17-12. DEP issued virginal spill letter for waste to be disposed at CPRC.

REVIEW AND APPROVAL

PREPARER OF SPILL REPORT (MTA Site Supervisor/Foreman):

John Branscom — 09-17-12

(printed name) (signature) (date)

CONTRACTOR SITE SUPERVISOR (if Cleanup Contractor involved):

Kenny Small - Clean Harbors, IN — 09-17-12

(printed name) (signature) (date)

for:

MTA ENVIRONMENTAL SERVICES COORDINATOR:

JOHN BRANSCOM — 09-17-12

(printed name) (signature) (date)

CPRC Group
The leader in conversion technology.

70 Pleasant Hill Road, Scarborough, Maine 04074
(207) 883-3325 (207) 883-1121 fax www.cprcgroup.com

GENERATOR SPECIAL WASTE PROCESSING INFORMATION

I GENERATOR INFORMATION:

a) Generator: Unknown at this time — Contact: _____
Address: _____ — Phone: _____
b) Process Generating the Waste: car accident
c) Site of Generation: MTA mile 42 SB, Scarborough, ME
d) Contracting Firm: Maine Turnpike Authority — Contact: John Branscom
Address: 2360 Congress St, Portland, ME 04102 — Phone: 871-7771 X359
e) DEP On-Site Representative: John Luongo — Spill #: P-732-2012

II PROCESSING INFORMATION:

a) Type of Waste Material Processed: Virgin Petroleum Containing Soil
b) Amount of Waste Received: _____ Cu Yds. 0.85 Tons
Date Waste Received: 9/17/12
c) Amount of Additional Material Needed: _____ Cu Yds. _____ Tons
d) Amount of Material Processed: _____ Cu Yds. 0.85 Tons
e) Date Processed: 9/19/12
f) Processing Site: CPRC Group, LLC Scarborough, ME
g) Stockpile Site for Processed Materials: CPRC Scarborough, ME
Amount of Waste Material Stockpiled: _____ Cu Yds. 0.85 Tons
Date Waste Amount Stockpiled: 9/19/12
h) Final Disposition of Processed Material: Stockpiled
Amount of Processed Material: _____ Cu Yds. 0.85 Tons
Date of Final Disposition: 9/19/12
i) CPRC Job #: 3502364

III WASTE CHARACTERIZATION:

Stockpiled material to be beneficially reused as a paving or construction fill product

Marcia Markham
(Signature)

Compliance Coordinator
(Title)

Attach a Copy of MEDEP Spill Letter

OIL SPILL DEBRIS FORM

DATE: 9/17/17 DEP SPILL # P-732-2012

GENERATOR: Unknown at time

TRANSPORTER: Clean Harbors

BILL TO: Same, or Turnpike

REFERENCE: SHIPMENT OF OIL SPILL DEBRIS

On 9/17/12 (date), John Lusardo (DEP Representative) authorized the clean up of oil spill debris at exit 42 S.B Turnpike, Scarborough (location)

which resulted from car accident (description of incident)

This shipment consists of 2 (quantity) Tons (units) EST (qualifier)

contaminated with Gasoline (contaminant)

Solids consist of: (check as appropriate)

- [X] Sand, gravel or soil
- [ ] Speedy-dri
- [ ] Sorbent
- [ ] Other (specify):

Facility is: (check one)

- [ ] Landfill
- [ ] Asphalt Plant
- [X] Asphalt Pug Mill
- [ ] Land Spreading Site
- [ ] Other (specify):

Signature – DEP Representative:

Signature – Facility Representative: Maria Manchester

Total Tonnage Received: 0.85

Please mail this form after signature to John Lusardo (name) at regional office below:

AUGUSTA
17 STATE HOUSE STATION
AUGUSTA, ME 04333-0017
(207) 287-7800 FAX: (207) 287-7939

BANGOR
106 HOGAN ROAD
MAINE DEP, SUITE #6
BANGOR, ME 04401
(207) 941-4570 FAX: (207) 941-4584

PORTLAND
312 CANCO ROAD
PORTLAND, ME 04103
(207) 822-6300 FAX: (207) 822-6303

PRESQUE ISLE
1235 CENTRAL DRIVE, SKYWAY PARK
PRESQUE ISLE, ME 04769-2094
(207) 764-0477 FAX: (207) 760-3143

Rev. 4/08

14.45

re Address:
I 95 mm42 Departing Ramp
Scarborough, ME 04074

WORK ORDER NO. _____

DOCUMENT NO. 46010

STRAIGHT BILL OF LADING

TRANSPORTER 1 Clean Harbors Env Services, Inc — VEHICLE ID # 5186

EPA ID # MAD039322250 — TRANS. 1 PHONE 207 799 8111

TRANSPORTER 2 _____ — VEHICLE ID # _____

EPA ID # _____ — TRANS. 2 PHONE _____

DESIGNATED FACILITY	SHIPPER
~~ECO~~ CPRC Group	Maine Turnpike Authority
FACILITY EPA ID #	SHIPPER EPA ID #
ADDRESS 2 Glen Rd	ADDRESS 2360 Congress St
CITY Scarborough STATE ME ZIP 04074	CITY Portland STATE ME ZIP 04102

CONTAINERS NO. & SIZE	TYPE	HM	DESCRIPTION OF MATERIALS	TOTAL QUANTITY	UNIT WT/VOL
3x55	DM		A. Non DOT Regulated Material	1500	P
			B.		
			C.		
			D.		
			E.		
			F.		
			G.		
			H.		

SPECIAL HANDLING INSTRUCTIONS

SHIPPERS CERTIFICATION: This is to certify that the above named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

	PRINT	SIGN	DATE
SHIPPER	JOHN BRANSCOM		09-17-12
TRANSPORTER 1	Michael Osla		9/17/12
TRANSPORTER 2	PRINT	SIGN	DATE
RECEIVED BY	PRINT Ashley Williams	SIGN	DATE 9-17-12

1

CHI 107

CPRC GROUP

70 Pleasant Hill Rd. Road, Scarborough, ME 04074
TEL: (207)883-3325 ~ SCALE: (207)883-2306 EXT.133
THANK YOU FOR YOUR PATRONAGE!!!

Customer: 10145
MAINE TURNPIKE
2360 CONGRESS ST,
PORTLAND, ME

Job: 3502364
UNKNOWN AT THIS TIME
MILE 42, SB
SCARBOROUGH, ME
P-732-2012 VPOCS

Truck: 55841
Driver: CLEAN HARBORS
Mix: 3106
Mix Name: VPOCS

Ticket: 00169830
Operator: 1

Tare	Net	Gross		Job Today	Job ToDate
13.60	0.85	14.45	Ton	0.85	0.85
12.34	0.77	13.11	Tonne	0.77	0.77

Loads Today	Loads ToDate	Date & Time	Fob/Del
1	1	9/17/2012 1:21:35PM	FOB

MANUAL

SPILL REPORT FORM

Maine Turnpike Authority - Kennebunk Maintenance Facility
Mile 25.3 Northbound (Alfred Road/Route 35 – Exit 25)
Kennebunk, Maine 04043

INCIDENT DESCRIPTION

Is The Spill Reportable? ☒ Yes ☐ No

Location Where Occurred: Depart Ramp to Rt 111 Exit 32

Date Began: 7-12-12 Date Ended: 7-12-12

Time Began: 6pm ☐ am ☒ pm Time Ended: 8:30 ☐ am ☒ pm

Spill/Release onto or into: (*check all that apply*) ☒ Air ☒ Ground ☐ Water

Is The Spill A Suspected Illicit Discharge to Stormwater? ☐ Yes ☒ No

Material Spilled/Released: Gasoline Fuel.

Extremely Hazardous Substance (EHS) Involved? ☒ Yes ☐ No

Amounts Spilled/Released: approximately 10 to 25 Gal of Gas

Amounts Recovered: Approximately 10 to 25 Gal of Gas

Source and Cause of the Discharge: Hole in gas tank, hit something in the road

Is more spillage possible? ☐ Yes ☒ No **If yes, amount:**

Description of All Affected Media (*include weather conditions*): Exit 32 For Left Lane to the traffic light on Rt 111 and the next 2 lane to the right of the Left Lane

What resources are at risk? (*check all that apply*)

☒ Public Safety ☐ Public Water or Well ☐ Private Water or Well ☐ Atmosphere
☒ Land or Ground ☐ Open Water ☒ Surface Drainage ☐ Storm Sewer
☐ Sanitary Sewer ☐ Vapors in Building ☐ Other (*specify*):

Damages or Injuries Caused by Discharge:

- Slight damage to pavement.

Is an Evacuation necessary? ☐ Yes ☒ No

Corrective Action(s) Taken: Fire Department called they Put Speedy Dry on it and Clean Harbors disposed of the Speedy Dry Name of Patron that caused spill: Stacey De la Torre PH#(207) 604-0232 - 5. Plymouth Dr., Biddeford, ME.

1.

SPILL REPORT FORM

Maine Turnpike Authority - Kennebunk Maintenance Facility
Mile 25.3 Northbound (Alfred Road/Route 35 – Exit 25)
Kennebunk, Maine 04043

NOTIFICATIONS (To be made by MTA Communications Center if spill is reportable)

AGENCY	PHONE NUMBER	CONTACT NAME	DATE/ TIME	REPORTING CRITERIA
Biddeford Fire Department	911	Biddeford FD.	7-12-12 6PM	If aid is needed to evacuate area
Maine State Police/State Emergency Response Commission (SERC)	1-800-482-0730	Trooper 732 STEVEN STUBBS.	" "	If aid is needed to evacuate or respond to spill
Maine Department of Environmental Protection		J. Branscom called Dept. ME Public	07-12-12 @19:00H	If spill is >5 gal. or visible sheen is present on surface water
SPILL HOTLINE Central Office	1-800-482-0777 287-7688	~~SAFETY~~ to call ~~the~~ MEDEP after Hours.		
Local Municipal Agency		—	—	If aid is needed to assess an illicit discharge (see IDDE SOP)
Maine Emergency Management Agency (MEMA)	287-4080	—	—	If aid is needed to evacuate or respond to spill
National Response Center (NRC)	1-800-424-8802	—	—	If visible sheen is present on surface water

OTHER EMERGENCY TELEPHONE NUMBERS (for reference, if needed):	
Environmental Protection Agency, Region 1	1-617-565-3590
(X) Clean Harbors Environmental Services	(X) 1-207-799-8111
Environmental Projects, Inc.	1-207-846-0447 -or- 1-207-657-2400
ENPRO Services, Inc.	1-207-799-8600
Maine Medical Center, Portland, ME	1-207-871-2381
Poison Control Center	1-800-562-8236

FEL# 714-0349

DOCUMENT INSTRUCTIONS GIVEN BY EACH AGENCY NOTIFIED: *(attach sheets as necessary)*

Sheryl Bernard - MEDEP - Called J. Sofer
No Further Guidance Issued.

REVIEW AND APPROVAL

PREPARER OF SPILL REPORT (MTA Site Supervisor/Foreman):

J. Sofer		7-13-12
(printed name)	(signature)	(date)

CONTRACTOR SITE SUPERVISOR (if cleanup contractor involved):

Clean Harbors		7-12-12
(printed name)	(signature)	(date)

MTA ENVIRONMENTAL SERVICES COORDINATOR:

JOHN BRANSCOM	John Branscom	07-13-12.
(printed name)	(signature)	(date)

NOTE: In the event of a spill, Table 4 of this Plan should be updated; a copy of this *Spill Report* **must** be retained in Appendix D. A *BMP Incident and Corrective Actions Report* (see Appendix F-2) may also need to be completed and retained as part of this Plan.

CPRC Group
The leader in conversion technology.

70 Pleasant Hill Road, Scarborough, Maine 04074
(207) 883-3325 (207) 883-1121 fax www.cprcgroup.com

GENERATOR SPECIAL WASTE PROCESSING INFORMATION

I GENERATOR INFORMATION:

a) Generator: Maine Turnpike Authority — Contact: _____
Address: 2360 Congress Street, Portland, ME — Phone: _____
b) Process Generating the Waste: Vehicle ran over debris in road
c) Site of Generation: Exit 32 SB, Biddeford, ME
d) Contracting Firm: Maine Turnpike Authority — Contact: John Branscom
Address: 2360 Congress Street, Portland, ME — Phone: 871-7771 x359
e) DEP On-Site Representative: Sheryl Bernard — Spill #: P-566-12

II PROCESSING INFORMATION:

a) Type of Waste Material Processed: Virgin Petroleum Containing Soil
b) Amount of Waste Received: _____ Cu Yds. 0.07 Tons
Date Waste Received: 7/13/12
c) Amount of Additional Material Needed: _____ Cu Yds. _____ Tons
d) Amount of Material Processed: _____ Cu Yds. 0.07 Tons
e) Date Processed: 7/23/12
f) Processing Site: CPRC Group, LLC Scarborough, ME
g) Stockpile Site for Processed Materials: CPRC Scarborough, ME
Amount of Waste Material Stockpiled: _____ Cu Yds. 0.07 Tons
Date Waste Amount Stockpiled: 7/23/12
h) Final Disposition of Processed Material: Stockpiled
Amount of Processed Material: _____ Cu Yds. 0.07 Tons
Date of Final Disposition: 7/23/12
i) CPRC Job #: 3502301

III WASTE CHARACTERIZATION:

Stockpiled material to be beneficially reused as a paving or construction fill product

Marina Montagna — (Signature)
Compliance Coordinator — (Title)

Attach a Copy of MEDEP Spill Letter

OIL SPILL DEBRIS FORM

DATE: 7/13/12 DEP SPILL # P-566-12

GENERATOR: Maine Turnpike Authority

TRANSPORTER: Clean Harbors

BILL TO: 3 (not DEP)

REFERENCE: SHIPMENT OF OIL SPILL DEBRIS

On 7/12/12 (date), Sheryl Bernard (DEP Representative) authorized the clean up of oil spill debris at Maine Turnpike, Exit 32 Southbound, Biddeford (location),

which resulted from Vehicle ran over debris in road (description of incident).

This shipment consists of 1 (quantity) drum (units) actual (qualifier)

contaminated with Virgin gasoline (contaminant).

Solids consist of: (check as appropriate)

___ Sand, gravel or soil

___ Sorbent

✓ Speedy-dri

___ Other (specify): _____

Facility is: (check one)

___ Landfill

✓ Asphalt Pug Mill

___ Other (specify): _____

___ Asphalt Plant

___ Land Spreading Site

Signature – DEP Representative: Sheryl Bernard

Signature – Facility Representative: Marcia Mardagne

Total Tonnage Received: 0.07

Please mail this form after signature to Sheryl Bernard (name) at regional office below:

AUGUSTA
17 STATE HOUSE STATION
AUGUSTA, ME 04333-0017
(207) 287-7800 FAX: (207) 287-7939

BANGOR
106 HOGAN ROAD
MAINE DEP, SUITE #6
BANGOR, ME 04401
(207) 941-4570 FAX: (207) 941-4584

PORTLAND
312 CANCO ROAD
PORTLAND, ME 04103
(207) 822-6300 FAX: (207) 822-6303

PRESQUE ISLE
1235 CENTRAL DRIVE, SKYWAY PARK
PRESQUE ISLE, ME 04769-2094
(207) 764-0477 FAX: (207) 760-3143

WORK ORDER NO. _____

DOCUMENT NO. 508700 **STRAIGHT BILL OF LADING**

TRANSPORTER 1 _____ VEHICLE ID # _____

EPA ID # _____ TRANS. 1 PHONE _____

TRANSPORTER 2 _____ VEHICLE ID # _____

EPA ID # _____ TRANS. 2 PHONE _____

DESIGNATED FACILITY	SHIPPER
FACILITY EPA ID #	SHIPPER EPA ID #
ADDRESS	ADDRESS
CITY STATE ZIP	CITY STATE ZIP

CONTAINERS NO. & SIZE	TYPE	HM	DESCRIPTION OF MATERIALS	TOTAL QUANTITY	UNIT WT/VOL
			A.		
			B.		
			C.		
			D.		
			E.		
			F.		
			G.		
			H.		

SPECIAL HANDLING INSTRUCTIONS

SHIPPERS CERTIFICATION: This is to certify that the above named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

SHIPPER	PRINT	SIGN	DATE
TRANSPORTER 1	PRINT	SIGN	DATE
TRANSPORTER 2	PRINT	SIGN	DATE
RECEIVED BY	PRINT	SIGN	DATE

4

CHI 107

SPILL REPORT FORM

Maine Turnpike Authority
2360 Congress Street
Portland, Maine 04103

INCIDENT DESCRIPTION

Is The Spill Reportable? ☑ Yes ☐ No

Location Where Occurred: MM 3.5, SB, I-95, Kittery, Maine.

Date Began: 11-30-12 Date Ended: 11-30-12

Time Began: @ ~~12:00~~ NOON ☐ am ☐ pm Time Ended: 12:30 ☐ am ☒ pm

Spill/Release onto or into: (*check all that apply*) ☐ Air ☒ Ground ☐ Water

Material Spilled/Released: Diesel Fuel

Extremely Hazardous Substance (EHS) Involved? ☐ Yes ☒ No

Amounts Spilled/Released: EST. @ 75-GALS.

Amounts Recovered: NONE.

Source and Cause of the Discharge: Patron truck hit object in road and punctured driver's side saddle tanks.

Is more spillage possible? ☐ Yes ☒ No **If yes**, amount:

Description of All Affected Media (*include weather conditions*):

Asphalt pavement and soil shoulder.

What resources are at risk? (*check all that apply*)

☐ Public Safety	☐ Public Water or Well	☐ Private Water or Well	☐ Atmosphere
☒ Land or Ground	☐ Open Water	☒ Surface Drainage	☐ Storm Sewer
☐ Sanitary Sewer	☐ Vapors in Building	☐ Other (*specify*):	

Damages or Injuries Caused by Discharge:

(1) Soil shoulder contaminated.

Is an Evacuation necessary? ☐ Yes ☑ No

Corrective Action(s) Taken: (1) DEP - Steve Bresinski notified.
(2) Clean Harbors responded to clean up contaminated absorbents Friday afternoon and excavate contaminated soil Monday morning.

SPILL REPORT FORM

Maine Turnpike Authority
2360 Congress Street
Portland, Maine 04103

NOTIFICATIONS (To be made by MTA Communications Center if spill is reportable)

AGENCY	PHONE NUMBER	CONTACT NAME	DATE/ TIME	REPORTING CRITERIA
Local Fire Department	911	Kittery FD	11-30-12 12:00 Hrs	If aid is needed to evacuate area
Maine State Police/State Emergency Response Commission (SERC)	1-800-482-0730	—	—	If aid is needed to evacuate or respond to spill
Maine Department of Environmental Protection		STEVE Bresinski	11-30-12 @ 12:00 Hrs.	If spill is >5 gal. or visible sheen is present on surface water or occurs outside
SPILL HOTLINE Central Office	1-800-482-0777 287-7688			
Maine Emergency Management Agency (MEMA)	287-4080	—	—	If aid is needed to evacuate or respond to spill
National Response Center (NRC)	1-800-424-8802	—	—	If visible sheen is present on surface water

OTHER EMERGENCY TELEPHONE NUMBERS (for reference, if needed):	
Environmental Protection Agency, Region 1	1-617-223-7265
X Clean Harbors Environmental Services	~~1-207-799-8111~~
~~Environmental Projects, Inc. (EPI)~~	~~1-207-786-7390~~
ENPRO Services, Inc.	1-207-878-3031
AUGUSTA: Maine General Medical Center	1-207-626-1000
BIDDEFORD: Southern Maine Medical Center	1-207-283-7000
LEWISTON: Central Maine Medical Center	1-207-795-0111
PORTLAND: Maine Medical Center	1-207-871-2381
Poison Control Center	1-800-562-8236

DOCUMENT INSTRUCTIONS GIVEN BY EACH AGENCY NOTIFIED: *(attach sheets as necessary)*

1) DEP - Virgin Disposal Ltr - DEP will pay for disposal of absorbents. DEP will pay invoice for 11-30-12 only for absorbents disposal & MTA to pay for contaminated soil disposal.

REVIEW AND APPROVAL

PREPARER OF SPILL REPORT (MTA Site Supervisor/Foreman):

JOHN BRANSCOM — 11-30-12.

(printed name) (signature) (date)

CONTRACTOR SITE SUPERVISOR (if Cleanup Contractor involved):

CLEAN Harbors — 11-30-12

(printed name) (signature) (date)

MTA ENVIRONMENTAL SERVICES COORDINATOR:

JOHN BRANSCOM — 11-30-12.

(printed name) (signature) (date)

WORK ORDER NO. [redacted]

MANIFEST NO. 508878 **STRAIGHT BILL OF LADING**

TRANSPORTER 1 Clean Harbors Env Services VEHICLE ID # 175

EPA ID # MAD 039322450 TRANS. 1 PHONE 781-849-1800

TRANSPORTER 2 _____ VEHICLE ID # _____

EPA ID # _____ TRANS. 2 PHONE _____

DESIGNATED FACILITY [redacted]	SHIPPER Clean Harbors
FACILITY EPA ID # ARC / Eliot	SHIPPER EPA ID #
ADDRESS [redacted] RT 236	ADDRESS 17 Main St
CITY [redacted] Eliot STATE ME ZIP	CITY So Portland STATE ME ZIP 04106

CONTAINERS NO. & SIZE	TYPE	HM	DESCRIPTION OF MATERIALS	TOTAL QUANTITY	UNIT WT/VOL
001	DT		A. Oily contaminated Soil	est 6	Yd
			B.		
			C.		
			D.		
			E.		
			F.		
			G.		
			H.		

SPECIAL HANDLING INSTRUCTIONS

Emergency Call 207 799-8111 24 HR m13 MTSA sp.11

SHIPPERS CERTIFICATION: This is to certify that the above named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

	PRINT	SIGN	DATE
SHIPPER			12/3/12
TRANSPORTER 1	Mark Bruchett	[signature]	12/3/12
TRANSPORTER 2			
RECEIVED BY	Rawlhev	[signature]	12/3/12

4

CHI 107

MCM 5: POST-CONSTRUCTION STORMWATER MANAGEMENT

Permit Year 5

MCM 5: POST-CONSTRUCTION STORMWATER MANAGEMENT

Post construction O&M Plans (PY5)

MCM 5 - POST CONSTRUCTION STORMWATER MANAGEMENT

MTA Post-Construction

Operations and Maintenance Plans Developed To-Date

MTA Contract #	O&M Plan Name	UA or UIS?	Location/Mile Marker
2012.01	Pavement Rehab 062612	UA	Saco River and Payne Road Pavement Rehabilitation
2012.02	West Gardiner Pavement Rehab 062612	NA	West Gardiner Service Plaza Pavement Rehabilitation
2012.03	Furbush Road 030512	NA	Furbish Road Bridge Rehabilitation
2012.04	Chandler Mill 030512	NA	Chandler Mill Road Bridge Rehabilitation
2012.05	Falmouth Spur Bridge Rehab 062512	UA	Presumpscot River Bridge Repair
2012.13	DRAFT New Gloucester Barrier Toll Plaza 090412	NA	New Gloucester Open Road Tolling
2012.17	DRAFT Exit 45 Paving 112112	UIS	Exit 42/45 Acceleration Ramp Extensions
2012.17	DRAFT Exit 42 Paving 112112	NA	Exit 42/45 Acceleration Ramp Extensions
2011.02	Exit 48 Underpass 022412	UA, UIS	Exit 48 Underpass
2011.03	Academy River Bridge 030512	NA	Route 197 Bridge Repairs
2011.03	DRAFT Route 197 Overpass 111212	NA	Route 197 Bridge Repairs
2010.02	Sabattus River 112911	NA	Sabattus River Bridge
2010.03	Presumpscot River 112911	UA	Presumpscot River Bridge
2010.04	Washington Street Bridge 022812	UA	Washington Street Bridge
2010.05	Gorham Road 043012	UIS	Gorham Road Bridge
2010.06	Eastern Trail Bridge 112911	NA	Eastern Trail Bridge
2010.07	York Paving 030512	UA	York Paving
2009.03	Route 196 112911	UA	Route 196
NOTES:	**"UA" = Within Urbanized Area** **"UIS" = Within Urban Impaired Stream** **"NA" = Not applicable (not within UA or UIS)**		

MCM 6: POLLUTION PREVENTION (P2) AND GOOD HOUSEKEEPING

Permit Year 5

MCM 6: POLLUTION PREVENTION (P2)
Completed IDDE Tracking Forms
(PY5-1) See CD in MCM 3

CROSBY S. PTLD MAINT.

MAINE TURNPIKE AUTHORITY
Catch Basin Cleanout Tracking Form

MPDES Permit Part IV(D) 3. Illicit Discharge 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(D)3(c) of this permit into any small MS4

MTA's SWMP states that MTA shall...
"Utilize regularly scheduled catch basin cleaning to detect possible illicit discharges by visually assessing the contents for the following: unusual color or odor, excessive oil, foam or scum, viscosity, or other suspicious characteristics."

NOTE: This form is to be completed in its entirety each permit year per Maine Department of Environmental Protection.

Illicit Discharge - 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.

DIRECTIONS:
Indicate "YES" or "NO" for any of the information collected
IF "YES" is correct, please describe your observations as follows

POSSIBLE DESCRIPTIONS FOR EACH CATEGORY

ODOR	COLOR	FLOATABLES	VISCOSITY	DEPOSITS
Petroleum	*Grey*	*Algae/scum*	*Low, if like water*	*Sediments* ***(if more than half full, must be cleaned out)***
Rancid/Sour	*Black*	*Foam/suds*	*High, if like oil or molasses*	*Petroleum*
Sewage/Septic	*Brown*	*Oil/sheen*		*Leaves*
Organic	*Green*	*Garbage/debris*	***ABNORMAL VEGETATION***	*Iron staining (which is red-orange-brown discoloration of soils)*
Other	*Other*	*Sewage*	*Excessive growth*	*Other*
None	*Clear*	*Other*	*Stressed/dry/discolored*	*None*

DATA COLLECTED FOR PERMIT YEAR # 5

JULY 2012 ***TO JUNE*** 2013

Indicate amount of sediments observed, if >50% of catchment, must be cleaned out

DATE OF CLEANOUT	CB IDENTIFIER	CB LOCATION with nearest Mile Marker (Example: 41.77 NB/Med. Shoulder)			TOWN	ASSOCIATED OUTFALL	ASSOCIATED DISCHARGE POINT	MAP SHEET NUMBER	*COLLECT DATA AS PART OF CATCH BASIN CLEANOUT*								*COLLECT DATA AS PART OF ANNUAL INSPECTIONS*								SUSPECTED ILLICIT DISCHARGE	CLEANED OUT Yes/No	NEEDS CLEANING Yes/No	INITIALS OF INSPECTOR AND ANY COMMENTS include other suspicious characteristics and/or any damage observed (USE THE BACK OF PAGE IF NECESSARY)
									ODOR (If yes, describe)		COLOR (If Yes, describe)		FLOATABLES (If Yes, describe)		VISCOSITY (If Yes, describe)		DEPOSITS OR STAINING		ABNORMAL VEGITATION		DAMAGE (If Yes describe)		TYPE OF FLOW					
									CB	OF	CB	OF	CB	OF	CB	OF	CB	OF	CB	OF	CB	OF	CB	OF				
8-5-13	CB0117	NB	shoulder	41.03	Scarborough	OF0074 OF0079		42																	NO	NO	NO	FG-OK
8-5-13	CB0121	Median	Median	41.21	Scarborough	OF0075&80		43													YES				NO	NO	NO	FG Broken Grate
8-5-13	CB0122	Median	Median	41.3	Scarborough	OF0076&81		43																	NO	[illegible] NO	yes	FG - Needs Cleaning
8-5-13	CB0123	Median	Median	41.38	Scarborough	OF0077&82		44																	NO	NO	yes	FG-Full Dirt
	CB0124	NB	Shoulder	41.38	Scarborough	OF0077&82		44																				
8-5-13	CB0125	NB	Shoulder	41.47	Scarborough	OF0078&83		44																	NO	NO	NO	FG-OK
8-5-13	CB0126	NB	Median	41.47	Scarborough	OF0078&83		44																	NO	NO	NO	FG-OK
8-5-13	CB0127	Median	Median	41.47	Scarborough	OF0078&83		44																	NO	NO	No	FG-OK
8-5-13	CB0128	SB	Median	41.47	Scarborough	OF0078&83		44																	NO	NO	NO	FG-OK
8-5-13	CB0129	Median	Median	41.51	Scarborough	OF0079&84		44													YES				NO	NO	NO	FG-Broken Top Grate
		SB	shoulder	41.6	Scarborough		DP0056	44, 45																				
8-5-13	CB0130	Median	Median	41.6	Scarborough	OF0085	DP0057	44, 45													yes				NO	NO	NO	FG-Cracked Grate
8-5-13	CB0116	Median	Median	41.79	Scarborough	OF0086		45																	NO	NO	NO	FG-OK
	CB0132	Median	median	41.77	Scarborough	OF0086		45																				
	CB0115	Median	Median	41.89	Scarborough	OF0087		46																				
8-5-13	CB0133	Median	median	41.87	Scarborough	OF0087		46																				
8-5-13	CB0131	Median	Median	41.68	Scarborough	OF0088		45																	NO	NO	NO	FG OK
8-5-13	CB0134	SB	shoulder	41.47	Scarborough	OF0089		44																	NO	NO	NO	FG-OK
8-5-13	CB0118	NB	shoulder	41.03	Scarborough	OF0090		42																	NO	NO	NO	FG-OK
8-5-13	CB0119	Median	median	41.03	Scarborough	OF0090		42																	NO	NO	NO	FG-OK
8-5-13	CB0120	SB	Median	41.03	Scarborough	OF0090		42																	NO	NO	NO	FG-OK
8-5-13	CB-501	NB	Shoulder	44.30	Scarborough***	OF-500		48																	NO	NO	NO	FG-OK
8-5-13	CB-502	NB	Median Shoulder	44.30	Scarborough***	OF-500		48																	NO	NO	NO	FG-OK
8-5-13	CB-503	M	Median	44.30	Scarborough***	OF-500		48													YES				NO	NO	NO	FG-Cracked Top
8-5-13	CB-504	SB	Median Shoulder	44.30	Scarborough***	OF-500		48																	NO	NO	NO	FG-OK
8-5-13	CB-505	SB	Shoulder	44.30	Scarborough***	OF-500		48																	NO	NO	NO	FG-OK
8-5-13	CB-506	M	Median	44.46	Scarborough***	OF-501		48																	NO	NO	NO	FG OK
8-5-13	CB-507	M	Median	44.80	Scarborough***	OF-502		50																	NO	NO	NO	FG OK
8-5-13	CB-508	M	Median	44.50	Scarborough***	OF-503		49																	NO	NO	NO	FG OK
8-5-13	CB-509	M	Median	44.31	Scarborough***	OF-504		48, 49																	NO	NO	NO	FG OK
8-5-13	CB-510	NB	Median Shoulder	44.30	Scarborough***	OF-504		48, 49																	NO	NO	NO	FG OK
8-5-13	CB-511	M	Median	44.30	Scarborough***	OF-504		48, 49																	NO	NO	NO	FG OK
8-5-13	CB-512	SB	Median Shoulder	44.30	Scarborough***	OF-504		48, 49																	NO	NO	NO	FG OK
8-5-13	CB-513	M	Median	44.20	Scarborough***	Unknown																			NO	NO	NO	FG OK
8-7-13	CB-514	M	Median	EXIT 44 200' W OF TOLL	Scarborough***	Unknown																			NO	NO	NO	FG OK
8-5-13	CB0300	Median	Median	44.3	South Portland**	OF0204		51, 54																	NO	NO	NO	FG OK
8-7-13	CB0301	Exit 45 sb e	Median	44.9	South Portland**	OF0205		50, 51																	NO	NO	NO	FG OK
8-7-13	CB0302	Exit 45 sb e	Median	44.9	South Portland**	OF0206		51																	NO	NO	NO	FG OK
8-7-13	CB0303	Exit 45 sb e	Median	44.9	South Portland**	OF0207		50, 51, 54																	NO	NO	NO	FG OK
8-7-13	CB0304	Exit 45 sb e	Median	44.9	South Portland**	OF0208		51, 54																	NO	NO	NO	FG OK
8-7-13	CB0305	EB	Shoulder	44.9	South Portland**	OF0209		52																	NO	NO	NO	FG OK
8-7-13	CB0306	EB	Median	44.9	South Portland**	OF0209		52																	NO	NO	NO	FG OK
8-7-13	CB0307	WB	Shoulder	44.9	South Portland**	OF0209		52																	NO	NO	NO	FG OK
8-7-13	CB0308	EB	Shoulder	44.9	South Portland**	OF0209		52																	NO	NO	NO	FG OK
8-7-13	CB0309	EB	Shoulder	44.9	South Portland**	OF0210		52																	NO	NO	NO	FG OK
8-7-13	CB0310	WB	Median	44.9	South Portland**	OF0211		53																	NO	NO	NO	FG OK
8-7-13	CB0311	Median	Median	44.9	South Portland**	OF0211		53																	NO	NO	NO	FG OK
8-7-13	CB0312	EB	Median	44.9	South Portland**	OF0211		53																	NO	NO	NO	FG OK

MAINE TURNPIKE AUTHORITY
Catch Basin Cleanout Tracking Form

MPDES Permit Part IV(D) 3. Illicit Discharge 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(D)3(c) of this permit into any small MS4

MTA's SWMP states that MTA shall...
"Utilize regularly scheduled catch basin cleaning to detect possible illicit discharges by visually assessing the contents for the following unusual color or odor, excessive oil, foam or scum, viscosity or other suspicious characteristics."

NOTE: This form is to be completed in its entirety each permit year per Maine Department of Environmental Protection.

Illicit Discharge - 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.

DIRECTIONS:
Indicate "YES" or "NO" for any of the information collected
IF "YES" is correct, please describe your observations as follows

POSSIBLE DESCRIPTIONS FOR EACH CATEGORY

ODOR	COLOR	FLOATABLES	VISCOSITY	DEPOSITS
Petroleum	*Grey*	*Algae/scum*	*Low, if like water*	*Sediments* ***(if more than half full, must be cleaned out)***
Rancid/Sour	*Black*	*Foam/suds*	*High, if like oil or molasses*	*Petroleum*
Sewage/Septic	*Brown*	*Oil/sheen*		*Leaves*
Organic	*Green*	*Garbage/debris*	***ABNORMAL VEGETATION***	*Iron staining (which is red-orange-brown discoloration of soils)*
Other	*Other*	*Sewage*	*Excessive growth*	*Other*
None	*Clear*	*Other*	*Stressed/dry/discolored*	*None*

DATA COLLECTED FOR PERMIT YEAR # _____

JULY _____ TO JUNE _____

Indicate amount of sediments observed, if >50% of catchment, must be cleaned out

DATE OF CLEANOUT	CB IDENTIFIER	CB LOCATION with nearest Mile Marker (Example: 41.77 NB/Med Shoulder)			TOWN	ASSOCIATED OUTFALL	ASSOCIATED DISCHARGE POINT	MAP SHEET NUMBER	*COLLECT DATA AS PART OF CATCH BASIN CLEANOUT*								*COLLECT DATA AS PART OF ANNUAL INSPECTIONS*								SUSPECTED ILLICIT DISCHARGE	CLEANED OUT Yes/No	NEEDS CLEANING Yes/No	INITIALS OF INSPECTOR AND ANY COMMENTS include other suspicious characteristics and/or any damage observed (USE THE BACK OF PAGE IF NECESSARY)
									ODOR (If yes, describe)		COLOR (If Yes. descnbe)		FLOATABLES (If Yes, describe)		VISCOSITY (If Yes, descnbe)		DEPOSITS OR STAINING		ABNORMAL VEGITATION		DAMAGE (If Yes, describe)		TYPE OF FLOW					
									CB	OF	CB	OF	CB	OF	CB	OF	CB	OF	CB	OF	CB	OF	CB	OF				
	CB0313	Median	Median	44.9	South Portland**	OF0212		52, 53																			
	CB0314	Median	Median	44.9	South Portland**	OF0212		52																			
8-7-13	CB0315	WB	Shoulder	44.9	South Portland**	OF0213		52																	NO	NO	NO	FG OK
8-7-13	CB0316	Exit 45 NB	Shoulder	44.9	South Portland**	OF0214		52, 54																	NO	NO	NO	FG OK OF Needs Marking
8-5-13	CB0275	NB	Shoulder	45.0	South Portland**	OF0190		54																	NO	NO	NO	FG OK
8-5-13	CB0276	NB	Median	45.0	South Portland**	OF0190		54																	NO	NO	NO	FG OK
8-5-13	CB0277	Median	Median	45.0	South Portland**	OF0190		54																	NO	NO	NO	FG-OK
8-5-13	CB0278	SB	Median	45.0	South Portland**	OF0190		54																	NO	NO	NO	FG-OK
8-5-13	CB0274	SB	Shoulder	45.1	South Portland**	OF0189	DP0019	54																	NO	NO	NO	FG OK
8-5-13	CB0279	Median	Median	45.2	South Portland**	OF0191	DP0021	55																	NO	NO	NO	FG OK
8-5-13	CB0280	Median	Median	45.3	South Portland**	OF0192	DP0021	55																	NO	NO	NO	FG OK
8-5-13	CB0281	Median	Median	45.3	South Portland**	OF0193	DP0021	56																	NO	NO	NO	FG OK
8-5-13	CB0282	Median	Median	45.4	South Portland**	OF0194	DP0021	56																	NO	NO	NO	FG OK
8-5-13	CB0283	Median	Median	45.6	South Portland**	OF0195	DP0021	57																	NO	NO	NO	FG OK
8-5-13	CB0284	Median	Median	45.8	South Portland**	OF0196	DP0021	57																	NO	NO	yes	FG-Full of Sand.
8-8-13	CB0296	Crosby Maint		45.8	South Portland**	OF0203	DP0023	59																	NO	NO	yes	FG CB Plastic Pipe split + Cracked
8-8-13	CB0297	Crosby Maint		45.8	South Portland**	OF0203	DP0023	59																	NO	NO	yes	FG CB Top Grate broke & cracked
8-8-13	CB0298	Crosby Maint		45.8	South Portland**	OF0203	DP0023	59																	NO	NO	NO	FG OK
8-8-13	CB0299	Crosby Maint		45.8	South Portland**	OF0203	DP0023	59																	NO	NO	NO	FG OK
8-5-13	CB0270	SB	Shoulder	45.9	South Portland**	OF0188	DP0020	58																	NO	NO	NO	FG OK
8-5-13	CB0271	SB	Median	45.9	South Portland**	OF0188	DP0020	58																	NO	NO	NO	FG OK
8-5-13	CB0272	Median	Median	45.9	South Portland**	OF0188	DP0020	58															YES		NO	NO	NO	FG-Broken Crate Top
8-5-13	CB0273	NB	Median	45.9	South Portland**	OF0188	DP0020	58																	NO	NO	NO	FG OK
8-5-13	CB0285	NB	Shoulder	45.9	South Portland**	OF0197		58																	NO	NO	NO	FG OK
8-5-13	CB0286	Median	Median	45.95	South Portland**	OF0198	DP0022	58																	No	NO	NO	FG- OF NO Marking
8-5-13	CB0287	Exit 46 nb e	Shoulder	46.1	South Portland**	OF0199	DP0022	60																	NO	NO	yes	FG- Full of Dirt - washed out - Broken HOT Top around CB
8-5-13	CB0288	Exit 46 nb e	Median	46.1	South Portland**	OF0199	DP0022	60																	NO	NO	NO	FGOK
8-5-13	CB0289	NB	Shoulder	46.1	South Portland**	OF0199	DP0022	60																	NO	NO	NO	FG OK
8-5-13	CB0290	NB	Median	46.1	South Portland**	OF0199	DP0022	60																	NO	NO	NO	FG OK
8-5-13	CB0291	Median	Median	46.1	South Portland**	OF0199	DP0022	60																	NO	NO	NO	FG - washed out HOT Top around CB
8-5-13	CB0292	SB	Median	46.1	South Portland**	OF0199	DP0022	60																	NO	NO	NO	FG OK
8-6-13	CB0293	Median	Median	46.4	South Portland**	OF0200	DP0022	60, 61																	NO	NO	NO	FG OK
	CB0317	Exit 56 nb	Median	46.4	South Portland**	OF0215	DP0022	62																				
8-8-13	CB0318	Exit 46 sb	Median	46.4	South Portland**	OF0216	DP0022	61																	NO	NO	NO	FG OK
8-7-13	CB0319	Exit 46 sb	Median	46.4	South Portland**	OF0217	DP0022	61																	NO	NO	NO	FG OK
8-6-13	CB0294	Median	Median	46.5	South Portland**	OF0201	DP0022	62, 63																	NO	NO	yes	FG Full of Dirt
8-6-13	CB0295	Median	Median	46.55	South Portland**	OF0202	DP0022	63																	NO	NO	NO	FGOK
		SB	Shoulder	46.75	South Portland		DP0059	64, 65																				
		Median	Median	46.75	South Portland		DP0061	64, 65																				
8-6-13	CB0195	Median	Median	46.77	Portland	OF0130	DP0063	64, 65																	NO	NO	yes	FG ONeeds Cleaning
	CB0196	Median	Median	46.79	Portland	OF0131	DP0060	64, 65																				
8-6-13	CB0136	NB	Shoulder	46.81	Portland	OF0091	DP0060	64, 65																	NO	NO	NO	FG OK
8-6-13	CB0137	NB	Median	46.81	Portland	OF0091	DP0060	64, 65																	NO	NO	NO	FG OK
8-6-13	CB0138	Median	Median	46.81	Portland	OF0091	DP0060	64, 65																	NO	NO	NO	FG OK
8-6-13	CB0139	SB	Median	46.81	Portland	OF0091	DP0060	64, 65																	NO	NO	NO	FG OK
8-6-13	CB0194	SB	Shoulder	46.81	Portland	OF0129	DP0058	64, 65																	NO	NO	NO	FG OK
8-6-13	CB0140	Median	Median	46.92	Portland	OF0092	DP0062	64, 65																	NO	NO	NO	FG OK
	CB0197	NB	Exit Ramp	47	Portland	OF0132		69																				
8-7-13	CB0198	SB	Exit Ramp	47	Portland	OF0133		68																	NO	NO	NO	FG OK
8-7-13	CB0199	SB	Exit Ramp	47	Portland	OF0134		67																	NO	NO	NO	FG OK

MAINE TURNPIKE AUTHORITY
Catch Basin Cleanout Tracking Form

MPDES Permit Part IV(D) 3. Illicit Discharge 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(D)3(c) of this permit into any small MS4

MTA's SWMP states that MTA shall…
"Utilize regularly scheduled catch basin cleaning to detect possible illicit discharges by visually assessing the contents for the following: unusual color or odor, excessive oil, foam or scum, viscosity, or other suspicious characteristics."

NOTE: This form is to be completed in its entirety each permit year per Maine Department of Environmental Protection.

Illicit Discharge - 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.

DIRECTIONS:
Indicate "YES" or "NO" for any of the information collected
IF "YES" is correct, please describe your observations as follows

POSSIBLE DESCRIPTIONS FOR EACH CATEGORY

ODOR	COLOR	FLOATABLES	VISCOSITY	DEPOSITS
Petroleum	*Grey*	*Algae/scum*	*Low, if like water*	*Sediments* ***(if more than half full, must be cleaned out)***
Rancid/Sour	*Black*	*Foam/suds*	*High, if like oil or molasses*	*Petroleum*
Sewage/Septic	*Brown*	*Oil/sheen*		*Leaves*
Organic	*Green*	*Garbage/debris*	***ABNORMAL VEGETATION***	*Iron staining (which is red-orange-brown discoloration of soils)*
Other	*Other*	*Sewage*	*Excessive growth*	*Other*
None	*Clear*	*Other*	*Stressed/dry/discolored*	*None*

DATA COLLECTED FOR PERMIT YEAR # _____

JULY _____ TO JUNE _____

Indicate amount of sediments observed, if >50% of catchment, must be cleaned out

DATE OF CLEANOUT	CB IDENTIFIER	CB LOCATION with nearest Mile Marker (Example: 41.77 NB/Med. Shoulder)			TOWN	ASSOCIATED OUTFALL	ASSOCIATED DISCHARGE POINT	MAP SHEET NUMBER	*COLLECT DATA AS PART OF CATCH BASIN CLEANOUT*								*COLLECT DATA AS PART OF ANNUAL INSPECTIONS*								SUSPECTED ILLICIT DISCHARGE Yes/No	CLEANED OUT Yes/No	NEEDS CLEANING Yes/No	INITIALS OF INSPECTOR AND ANY COMMENTS include other suspicious characteristics and/or any damage observed (USE THE BACK OF PAGE IF NECESSARY)
									ODOR (If yes, describe)		COLOR (If Yes, describe)		FLOATABLES (If Yes, describe)		VISCOSITY (If Yes, describe)		DEPOSITS OR STAINING		ABNORMAL VEGITATION		DAMAGE (If Yes, describe)		TYPE OF FLOW				
									CB	OF	CB	OF	CB	OF	CB	OF	CB	OF	CB	OF	CB	OF	CB	OF				
8-7-13	CB0200	NB	Exit Ramp	47	Portland	OF0135		69																	NO	NO	NO	FG OK
8-7-13	CB0201	NB	Exit Ramp	47	Portland	OF0135		69																	NO	NO	NO	FG OK OF Needs Marking
8-6-13	CB0141	Median	Median	47.03	Portland	OF0093	DP0062	65, 66																	NO	NO	NO	FG OK
8-6-13	CB0142	Median	Median	47.13	Portland	OF0094		66																	NO	NO	Yes	FG CB Full of Dirt
8-6-13	CB8833	Median	Median	47.35	Portland	OF8841		67, 68, 69																	NO	NO	NO	FG OK
8-6-13	CB0143	NB	Shoulder	47.51	Portland	OF0095		68, 69																	NO	NO	Yes	FG - CB Full Dirt - OF Needs cleaning out
8-6-13	CB0144	NB	Median	47.51	Portland	OF0095		68, 69																	NO	NO	NO	FG OK
8-6-13	CB0145	Median	Median	47.51	Portland	OF0095		68, 69																	NO	NO	NO	FG OK
8-6-13	CB0146	SB	Median	47.51	Portland	OF0095		68, 69																	NO	NO	NO	FG OK
8-6-13	CB0192	SB	Shoulder	47.58	Portland	OF0128		68																	NO	NO	NO	FG OK
	CB0193	SB	Shoulder	47.58	Portland	OF0128		68																				
8-6-13	CB0147	Median	Median	47.63	Portland	OF0096		68, 70																	NO	NO	Yes	FG OF Needs Cleaning out
8-6-13	CB8838	Median	Median	47.75	Portland	OF8846	DP0064	70																	NO	NO	NO	FG OK
		NB	Shoulder	47.77	Portland		DP0065	70																				
		NB	Shoulder	47.77	Portland		DP0066	70																				
8-6-13	CB0191	Median	Median	47.96	Portland	OF8840		71																	NO	NO	Yes	FG CB over Growth - Grass
8-7-13	CB0202	NB	Shoulder	48	Portland	OF0136		73																	NO	NO	NO	FG OK
8-7-13	CB0203	SB	Shoulder	48	Portland	OF0137		73																	NO	NO	Yes	FG CB Needs Cleaning - Full of Sand
8-6-13	CB0148	Median	Median	48.1	Portland	OF0097		71, 72																	NO	NO	Yes	FG OF Needs Cleaning Out - over Growth
8-6-13	CB8839	Median	Median	48.3	Portland	OF8847		72																	NO	NO	NO	FG OK
8-6-13	CB0149	Median	Median	48.39	Portland	OF0098		73																	NO	NO	NO	FG OK
8-6-13	CB0150	Median	Median	48.52	Portland	OF0099		73																	NO	NO	NO	FG OK
8-6-13	CB0151	NB	Shoulder	48.6	Portland	OF0100		74																	NO	NO	NO	FG OK
8-6-13	CB0152	NB	Median	48.6	Portland	OF0100		74																	NO	NO	NO	FG OK
8-6-13	CB0153	NB	Median	48.6	Portland	OF0100		74																	NO	NO	NO	FG OK
8-6-13	CB0154	Median	Median	48.6	Portland	OF0100		74																	NO	NO	NO	FG OK
8-6-13	CB0155	SB	Median	48.6	Portland	OF0100		74																	NO	NO	NO	FG OK
8-6-13	CB0190	SB	Shoulder	48.66	Portland	OF0126		74																	NO	NO	NO	FG OK
8-6-13	CB0156	Median	Median	48.73	Portland	OF0101		74																	NO	NO	NO	FG OK
8-6-13	CB9988	Median	Median	49	Portland	OF8843		75																	NO	NO	NO	FG OK
8-6-13	CB8832	Median	Median	49.05	Portland	OF8839		75, 76																	NO	NO	Yes	FG CB Full of Dirt - OF Needs to be Marked
8-6-13	CB0189	Median	Median	49.21	Portland	OF0125		76																	NO	NO	NO	FG OK
8-6-13	CB0157	Median	Median	49.35	Portland	OF0102	DP0068	77, 79																	NO	NO	NO	FG OK
8-6-13	CB0158	Median	Median	49.45	Portland	OF0103	DP0068	77, 79																	NO	NO	NO	FG OK
8-6-13	CB0188	Median	Median	49.58	Portland	OF0124	DP0067	77, 78																	NO	NO	NO	FG OK
8-6-13	CB0187	Median	Median	49.67	Portland	OF0123	DP0067	78, 79																	NO	NO	NO	FG OK
8-6-13	CB0159	NB	Shoulder	49.71	Portland	OF0104	DP0068	78, 79																	NO	NO	NO	FG OK
8-6-13	CB0183	NB	Median	49.75	Portland	OF0122	DP0067	78, 79																	NO	NO	NO	FG OK
8-6-13	CB0184	SB	Median	49.75	Portland	OF0122	DP0067	78, 79																	NO	NO	NO	FG OK
8-6-13	CB0185	Median	Median	49.75	Portland	OF0122	DP0067	78, 79																	NO	NO	NO	FG OK
8-6-13	CB0186	SB	Shoulder	49.75	Portland	OF0122	DP0067	78, 79																	NO	NO	NO	FG OK
8-6-13	CB0182	Median	Median	49.88	Portland	OF0121	DP0067	79																	NO	NO	NO	FG OK
8-6-13	CB0181	Median	Median	50.32	Portland	OF0120		81																	NO	NO	NO	FG OK
8-6-13	CB0180	Median	Median	50.43	Portland	OF0119		81																	NO	NO	NO	FG OK
8-6-13	CB0160	Median	Median	50.5	Portland	OF0105	DP0070	82, 83																	NO	NO	Yes	FG Need Cleaning Full Dirt OF - Can't Find - No Marking
8-6-13	CB0179	Median	Median	50.66	Portland	OF0118	DP0069	82, 83																	NO	NO	NO	FG OK
8-6-13	CB0178	Median	Median	50.77	Portland	OF0117	DP0069	83																	NO	NO	NO	FG OK
8-6-13	CB0161	NB	Shoulder	50.83	Portland	OF0106	DP0070	83																	NO	NO	NO	FG OK
8-6-13	CB0162	NB	Median	50.83	Portland	OF0106	DP0070	83																	NO	NO	NO	FG OK

MAINE TURNPIKE AUTHORITY
Catch Basin Cleanout Tracking Form

MPDES Permit Part IV(D) 3. Illicit Discharge 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(D)3(c) of this permit into any small MS4

MTA's SWMP states that MTA shall…
"Utilize regularly scheduled catch basin cleaning to detect possible illicit discharges by visually assessing the contents for the following: unusual color or odor, excessive oil, foam or scum, viscosity, or other suspicious characteristics."

NOTE: This form is to be completed in its entirety each permit year per Maine Department of Environmental Protection.

Illicit Discharge - 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.

DIRECTIONS:
Indicate "YES" or "NO" for any of the information collected
IF "YES" is correct, please describe your observations as follows

POSSIBLE DESCRIPTIONS FOR EACH CATEGORY

ODOR	COLOR	FLOATABLES	VISCOSITY	DEPOSITS
Petroleum	*Grey*	*Algae/scum*	*Low, if like water*	*Sediments* ***(if more than half full, must be cleaned out)***
Rancid/Sour	*Black*	*Foam/suds*	*High, if like oil or molasses*	*Petroleum*
Sewage/Septic	*Brown*	*Oil/sheen*		*Leaves*
Organic	*Green*	*Garbage/debris*	***ABNORMAL VEGETATION***	*Iron staining (which is red-orange-brown discoloration of soils)*
Other	*Other*	*Sewage*	*Excessive growth*	*Other*
None	*Clear*	*Other*	*Stressed/dry/discolored*	*None*

DATA COLLECTED FOR PERMIT YEAR # _____

JULY _____ TO JUNE _____

Indicate amount of sediments observed, if >50% of catchment, must be cleaned out

DATE OF CLEANOUT	CB IDENTIFIER	CB LOCATION with nearest Mile Marker (Example: 41.77 NB/Med. Shoulder)			TOWN	ASSOCIATED OUTFALL	ASSOCIATED DISCHARGE POINT	MAP SHEET NUMBER	*COLLECT DATA AS PART OF CATCH BASIN CLEANOUT*						*COLLECT DATA AS PART OF ANNUAL INSPECTIONS*								SUSPECTED ILLICIT DISCHARGE	CLEANED OUT Yes/No	NEEDS CLEANING Yes/No	INITIALS OF INSPECTOR AND ANY COMMENTS include other suspicious characteristics and/or any damage observed (USE THE BACK OF PAGE IF NECESSARY)
									ODOR (If yes, describe)		COLOR (If Yes, describe)		FLOATABLES (If Yes, describe)		VISCOSITY (If Yes, describe)		DEPOSITS OR STAINING		ABNORMAL VEGITATION		DAMAGE (If Yes, describe)		TYPE OF FLOW					
									CB	OF	CB	OF	CB	OF	CB	OF	CB	OF	CB	OF	CB	OF	CB	OF				
8-6-13	CB0163	Median	Median	50.83	Portland	OF0106	DP0070	83	—	X	—	X	—	X	—	X	—	X	—	X	—	X	—	X	NO	NO	NO	FG OK
8-6-13	CB0164	SB	Median	50.83	Portland	OF0106	DP0070	83	—	X	—	X	—	X	—	X	—	X	—	X	—	X	—	X	NO	NO	NO	FG OK
8-6-13	CB0177	SB	Shoulder	50.87	Portland	OF0116	DP0069	83	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	NO	NO	NO	FG OK
8-6-13	CB0165	Median	Median	50.94	Portland	OF0107		84	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	NO	NO	NO	FG OK
8-6-13	CB0166	Median	Median	51.04	Portland	OF0108		84	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	NO	NO	NO	FG OK
8-6-13	CB0167	Median	Median	51.19	Portland	OF0109		85	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	NO	NO	Yes	FG CB Full of Dirt Needs Cleaning
	CB9989	Median	Median	51.3	Portland																							
8-6-13	CB9990	Median	Median	51.38	Portland				—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	NO	NO	Yes	FG CB Need Cleaning - Full of sand
8-6-13	CB0176	Median	Median	51.5	Portland	OF0115		86	—	—	—	—	—	—	—	—	—	—	—	—	Yes	—	—	—	No	No	No	FG CB Damaged Broken Rusted Grate
8-6-13	CB0168	Median	Median	51.59	Portland	OF0110		86, 87	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	NO	NO	No	FG OK
8-6-13	CB0175	Median	Median	51.7	Portland	OF0114	DP0072	87	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	No	No	ND	FG OK
8-6-13	CB0169	Median	Median	51.74	Portland	OF0111	DP0076	87	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	NO	NO	NO	FG OK
		Median	Median	51.82	Portland		DP0073	87, 94																				
		Median	Median	51.82	Portland		DP0074	87, 94																				
8-6-13	CB0170	NB	Shoulder	51.85	Falmouth	OF0112	DP0075	94	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	No	NO	NO	FG CB ~~Gone~~ ~~Paved over~~ -OF NOT MARKED
8-6-13	CB0171	NB	Median	51.85	Falmouth	OF0112	DP0075	94	—	X	—	X	—	X	—	X	—	X	—	X	—	X	—	X	NO	NO	NO	FG OK
8-6-13	CB0172	Median	Median	51.85	Falmouth	OF0112	DP0075	94	—	X	—	X	—	X	—	X	—	X	—	X	—	X	—	X	NO	NO	Yes	FG CB Full of Dirt
8-6-13	CB0173	SB	Median	51.85	Falmouth	OF0112	DP0075	94	—	X	—	X	—	X	—	X	—	X	—	X	—	X	—	X	NO	NO	NO	FG OK
8-6-13	CB0174	SB	Shoulder	51.9	Falmouth	OF0113	DP0071	94	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	NO	NO	yes	FG ~~CB~~ Needs cleaning Sand OF Need to be Marked - Post
8-6-13	CB8845	Median	Median	52	Falmouth	OF8861		94	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	NO	NO	NO	FG OK
8-6-13	CB9991	Median	Median	52.1	Falmouth	OF8860		95	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	No	NO	NO	FG OK
8-6-13	CB8842	SB	Shoulder	52.15	Falmouth	OF8849	DP0071	95	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	No	NO	NO	FG OK
8-6-13	CB8843	Median	Median	52.3	Falmouth	OF8850		95	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	NO	NO	NO	FG OK
	CB8840	SB	Shoulder	52.35	Falmouth	OF8837		96																				
	CB8844	SB	Shoulder	52.4	Falmouth	OF8851		96																				
8-6-13	CB9999	Median	Median	52.4	Falmouth	OF8852		96	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	No	NO	NO	FG OK
	CB8841	NB	Shoulder	52.5	Falmouth	OF8848		96																				
8-6-13	CB9992	Median	Median	52.5	Falmouth	OF8853		96	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	NO	NO	NO	FG OK
8-6-13	CB9998	Median	Median	52.6	Falmouth	OF8859		97	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	NO	NO	NO	FG OK
8-6-13	CB9997	Median	Median	52.7	Falmouth	OF8858		97	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	No	NO	Yes	FG - Jersey Barriers Covering CB.
8-6-13	CB9996	Median	Median	52.8	Falmouth	OF8857		98	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	No	NO	NO	FG OK
8-6-13	CB9995	Median	Median	53	Falmouth	OF8856		99	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	NO	NO	NO	FG OK
8-6-13	CB9994	Median	Median	53.3	Falmouth	OF8855	DP0078	100	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	NO	NO	NO	FG OK
8-6-13	CB9993	Median	Median	53.4	Falmouth	OF8854	DP0078	100	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	NO	NO	Yes	FG OF under water - Due to Bridge Work Mountain RD Bridge
		SB	Shoulder	53.45	Falmouth		DP0077	100, 101																				
	CB0218	SB	Exit Ramp	F0	Falmouth Spur	OF0148		86																				
	CB0219	SB	Exit Ramp	F0	Falmouth Spur	OF0149		86																				
	CB0220	SB	Exit Ramp	F0	Falmouth Spur	OF0150		86																				
8-7-13	CB0204	Median	Median	F0.55	Falmouth Spur	OF0139		89	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	No	NO	NO	FG OK
8-7-13	CB0217	Median	Median	F0.73	Falmouth Spur	OF0143 OF0147		90	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	NO	No	NO	FG OK
8-7-13	CB0213	EB	Median	F0.76	Falmouth Spur	OF0146		90	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	NO	NO	NO	FG OK
8-7-13	CB0214	Median	Median	F0.76	Falmouth Spur	OF0146		90	—	X	—	X	—	X	—	X	—	X	—	X	—	X	—	X	NO	NO	NO	FG OK
8-7-13	CB0215	WB	Shoulder	F0.76	Falmouth Spur	OF0146		90	—	X	—	X	—	X	—	X	—	X	—	X	—	X	—	X	NO	NO	NO	FG OK
8-7-13	CB0216	WB	Median	F0.76	Falmouth Spur	OF0146		90	—	X	—	X	—	X	—	X	—	X	—	X	—	X	—	X	NO	NO	NO	FG OK
	CB0212	Median	Median	F0.81	Falmouth Spur	OF0145		90																				
	CB0211	Median	Median	F1.06	Falmouth Spur	OF0144	DP0084	91																				
8-7-13	CB0206	EB	Shoulder	F1.17	Falmouth Spur	OF0140		90	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	NO	NO	NO	FG OK
	CB0205	Median	Median	F1.18	Falmouth Spur	OF0141	DP0088	92																				
	CB0207	EB	Median	F1.18	Falmouth Spur	OF0142	DP0084	92																				

Bridge Under Construction

MAINE TURNPIKE AUTHORITY
Catch Basin Cleanout Tracking Form

MPDES Permit Part IV(D) 3. Illicit Discharge 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(D)3(c) of this permit into any small MS4

MTA's SWMP states that MTA shall…
"Utilize regularly scheduled catch basin cleaning to detect possible illicit discharges by visually assessing the contents for the following: unusual color or odor, excessive oil, foam or scum, viscosity, or other suspicious characteristics."

NOTE: This form is to be completed in its entirety each permit year per Maine Department of Environmental Protection.

Illicit Discharge - 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.

DIRECTIONS:
Indicate "YES" or "NO" for any of the information collected.
IF "YES" is correct, please describe your observations as follows:

POSSIBLE DESCRIPTIONS FOR EACH CATEGORY

ODOR	COLOR	FLOATABLES	VISCOSITY	DEPOSITS
Petroleum	*Grey*	*Algae/scum*	*Low, if like water*	*Sediments* ***(if more than half full, must be cleaned out)***
Rancid/Sour	*Black*	*Foam/suds*	*High, if like oil or molasses*	*Petroleum*
Sewage/Septic	*Brown*	*Oil/sheen*		*Leaves*
Organic	*Green*	*Garbage/debris*	***ABNORMAL VEGETATION***	*Iron staining (which is red-orange-brown discoloration of soils)*
Other	*Other*	*Sewage*	*Excessive growth*	*Other*
None	*Clear*	*Other*	*Stressed/dry/discolored*	*None*

DATA COLLECTED FOR PERMIT YEAR # _____

JULY _____ ***TO JUNE*** _____

Indicate amount of sediments observed, if >50% of catchment, must be cleaned out

DATE OF CLEANOUT	CB IDENTIFIER	CB LOCATION with nearest Mile Marker (Example: 41.77 NB/Med. Shoulder)			TOWN	ASSOCIATED OUTFALL	ASSOCIATED DISCHARGE POINT	MAP SHEET NUMBER	*COLLECT DATA AS PART OF CATCH BASIN CLEANOUT*								*COLLECT DATA AS PART OF ANNUAL INSPECTIONS*								SUSPECTED ILLICIT DISCHARGE	CLEANED OUT Yes/No	NEEDS CLEANING Yes/No	INITIALS OF INSPECTOR AND ANY COMMENTS include other suspicious characteristics and/or any damage observed (USE THE BACK OF PAGE IF NECESSARY)
									ODOR (If yes, describe)		COLOR (If Yes, describe)		FLOATABLES (If Yes, describe)		VISCOSITY (If Yes, describe)		DEPOSITS OR STAINING		ABNORMAL VEGITATION		DAMAGE (If Yes, describe)		TYPE OF FLOW					
									CB	OF	CB	OF	CB	OF	CB	OF	CB	OF	CB	OF	CB	OF	CB	OF				
	CB0208	Median	Median	F1.18	Falmouth Spur	OF0142	DP0084	92																			UNDER CONSTRUCTION
	CB0209	WB	Median	F1.18	Falmouth Spur	OF0142	DP0084	92																			" "
	CB0210	WB	Shoulder	F1.18	Falmouth Spur	OF0142	DP0084	92																			" "
		WB	Shoulder	F1.2	Falmouth Spur		DP0083	92																			" "
		Median	Median	F1.2	Falmouth Spur		DP0085	92																			" "
		Median	Median	F1.2	Falmouth Spur		DP0086	92																			" "
		EB	Shoulder	F1.2	Falmouth Spur		DP0087	92																			" "
8-6-13	CB0221	Median	Median	F3.7	Falmouth Spur	OF0151		93																		ND		ND	

** Long Creek Watershed
*** Red Brook Watershed

MAINE TURNPIKE THORITY
Catch Basin Cleanou[illegible]acking Form

MPDES Permit Part IV(D) 3. Illicit Discharge 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(D)3(c) of this permit into any small MS4.

MTA's SWMP states that MTA shall...
"Utilize regularly scheduled catch basin cleaning to detect possible illicit discharges by visually assessing the contents for the following: unusual color or odor, excessive oil, foam or scum, viscosity, or other suspicious characteristics."

DATE OF CLEANOUT	CB IDENTIFIER (Example: CB0136)	CB LOCATION with nearest Mile Marker (Example: 41.77 NB/Med. Shoulder)	UNUSUAL ODOR/COLOR (Yes or No) if yes, describe	EXCESSIVE OIL (Yes or No) if yes, describe	FOAM OR SCUM? (Yes or No) if yes, describe	VISCOUS? (Yes or No) if yes, describe	INITIALS OF INSPECTOR AND ANY COMMENTS include other suspicious characteristics and/or any damage observed
8-5-13	CB0121	MM 41.21	—	—	—	—	Broken Grate
8-5-13	CB0122	mm 41.3	—	—	—	—	needs cleaning
8-5-13	CB0123	mm 41.38	—	—	—	—	needs clean-full of dirt
8-5-13	CB0129	41.51 mm	—	—	—	—	Broken Grate
8-5-13	CB0130	41.6 mm	—	—	—	—	Broken Grate
8-5-13	CB 503	44.3 mm					Broken Grate
8-7-13	CB0316	Ex45NBS44.9	—	—	—	—	needs marking
8-5-13	CB0284	45.8 mm	—	—	—	—	Full of sand
8-5-13	CB0296	Crosby M.	—	—	—	—	Plastic pipe split & cracked
8-5-13	CB0297	Crosby M	—	—	—	—	Grate broken
8-5-13	CB0272	45.9 mm	—	—	—	—	broken grate
8-5-13	CB0286	45.95 mm	—	—	—	—	070199 - not marked
8-5-13	CB0287	Ex46NBE Shoulder	—	—	—	—	Full of dirt. Washed out Broken hot top around CB
8-5-13	CB0291	46.1 mm	—	—	—	—	wash out hot top around CB

MAINE TURNPIKE THORITY
Catch Basin Cleanou[illegible]acking Form

MPDES Permit Part IV(D) 3. Illicit Discharge 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(D)3(c) of this permit into any small MS4.

MTA's SWMP states that MTA shall...
"Utilize regularly scheduled catch basin cleaning to detect possible illicit discharges by visually assessing the contents for the following: unusual color or odor, excessive oil, foam or scum, viscosity, or other suspicious characteristics."

DATE OF CLEANOUT	CB IDENTIFIER (Example: CB0136)	CB LOCATION with nearest Mile Marker (Example: 41.77 NB/Med. Shoulder)	UNUSUAL ODOR/COLOR (Yes or No) if yes, describe	EXCESSIVE OIL (Yes or No) if yes, describe	FOAM OR SCUM? (Yes or No) if yes, describe	VISCOUS? (Yes or No) if yes, describe	INITIALS OF INSPECTOR AND ANY COMMENTS include other suspicious characteristics and/or any damage observed
8-6-13	CB0194	46.5 mm	—	—	—	—	full of dirt
8-6-13	CB0195	46.77 mm	—	—	—	—	needs cleaning
8-7-13	CB0201	Ex 47	—	—	—	—	needs marking
8-6-13	CB0142	47.13 mm	—	—	—	—	full of Dirt
8-6-13	CB0143	47.51 NB-Shoulder	—	—	—	—	needs cleaning-
8-6-13	CB0147	47.63 mm	—	—	—	—	needs cleaning
8-6-13	CB0191	47.96 mm	—	—	—	—	overgrowth of grass
8-7-13	CB0203	48 SB-Shoulder	—	—	—	—	needs cleaning
8-6-13	CB0148	48.1 mm	—	—	—	—	needs cleaning-overgrowth
8-6-13	CB8832	49.05 mm	—	—	—	—	needs cleaning
8-6-13	CB0160	50.5 mm	—	—	—	—	needs cleaning can't find 07-not marked
8-6-13	CB0167	51.19 mm	—	—	—	—	needs cleaning
8-6-13	CB9990	51.38 mm	—	—	—	—	needs cleaning
8-6-13	CB0176	51.5 mm	—	—	—	—	Broken grate

MAINE TURNPIKE THORITY
Catch Basin Cleanou[illegible]acking Form

MPDES Permit Part IV(D) 3. Illicit Discharge 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(D)3(c) of this permit into any small MS4.

MTA's SWMP states that MTA shall...
"Utilize regularly scheduled catch basin cleaning to detect possible illicit discharges by visually assessing the contents for the following: unusual color or odor, excessive oil, foam or scum, viscosity, or other suspicious characteristics."

DATE OF CLEANOUT	CB IDENTIFIER (Example: CB0136)	CB LOCATION with nearest Mile Marker (Example: 41.77 NB/Med. Shoulder)	UNUSUAL ODOR/COLOR (Yes or No) if yes, describe	EXCESSIVE OIL (Yes or No) if yes, describe	FOAM OR SCUM? (Yes or No) if yes, describe	VISCOUS? (Yes or No) if yes, describe	INITIALS OF INSPECTOR AND ANY COMMENTS include other suspicious characteristics and/or any damage observed
8-6-13	CB0170	NB Shoulder 51.85	—	—	—	—	paved over - 07 not marked
8-6-13	CB0172	51.85 mm	—	—	—	—	Full of dirt - needs cleaning
8-6-13	CB0174	51.9 SB Shoulder	—	—	—	—	Needs cleaning - need stake marked
8-6-13	CB9997	52.7 mm	—	—	—	—	Jersey Barriers blocking CB

MAINE TURNPIKE AUTHORITY

Catch Basin Cleanout Tracking Form

MPDES Permit Part IV(D) 3. Illicit Discharge and Elimination (IDDE).
Each permittee must develop, implement and enforce a program to detect and eliminate illicit discharges and non-stormwater discharges, as definied in 06-096CMR521(9)(b)(2), except as provided in Part IV(D)3(c) of this permit into any small MS4.

MTA's SWMP states that MTA shall...
"Utilize regularly scheduled catch basin cleaning to detect possible illicit discharges by visually assessing the contents for the following: unusual color or odor, excessive oil, foam or scum, viscosity, or other suspicious characteristics."

Note: This form is to be completed in its entirety each permit year per Maine Department of Environmental Services.

Illicit Discharge - 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.

DIRECTIONS:
Indicate "YES" or "NO" for any of the information collected
IF "YES" is correct, please describe your observations as follows.

POSSIBLE DESCRIPTIONS FOR EACH CATEGORY

ODOR	COLOR	FLOATABLES	VISCOSITY	DEPOSITS
Petroleum	*Grey*	*Algae/scum*	*Low, if like water*	*Sediments* ***(if more than half full, must be cleaned out)***
Rancid/Sour	*Black*	*Foam/suds*	*High, if like oil or molasses*	*Petroleum*
Sewage/Septic	*Brown*	*Oil/sheen*		*Leaves*
Organic	*Green*	*Garbage/debris*	***ABNORMAL VEGETATION***	*Iron staining (which is red-orange-brown discoloration of soils)*
Other	*Other*	*Sewage*	*Excessive growth*	*Other*
None	*Clear*	*Other*	*Stressed/dry/discolored*	*None*

DATA COLLECTED FOR PERMIT YEAR # 2013

JULY 2012 ***TO JUNE*** 2013

Indicate amount of sediments observed, if >50% of catchment, must be cleaned out

DATE OF CLEANOUT	CB IDENTIFIER	CB LOCATION with nearest Mile Marker (Example: 41.77 NB/Med. Shoulder)			TOWN	ASSOCIATED OUTFALL	ASSOCIATED DISCHARGE POINT	MAP SHEET NUMBER	***COLLECT DATA AS PART OF CATCH BASIN CLEANOUT***								***COLLECT DATA AS PART OF ANNUAL INSPECTIONS***								SUSPECTED ILLICIT DISCHARGE	CLEANED OUT Yes/No	NEEDS CLEANING Yes/No	INITIALS OF INSPECTOR AND ANY COMMENTS include other suspicious characteristics and/or any damage observed (USE THE BACK OF PAGE IF NECESSARY)
									ODOR (If Yes, describe)		COLOR (If Yes, describe)		FLOATABLES (If Yes, describe)		VISCOSITY (If Yes, describe)		DEPOSITS OR STAINING		ABNORMAL VEGETATION		DAMAGE (If Yes, describe)		TYPE OF FLOW					
									CB	OF	CB	OF	CB	OF	CB	OF	CB	OF	CB	OF	CB	OF	CB	OF				
	CB8888	Median	Median	75	Auburn	OF8888		101																			Yes	SB Inspected by Rick D. + Glen D 6-3-13
	CB8836	Median	Median	75.2	Auburn	OF8842		102																			NO	
	CB8848	Entering	Island by light	Exit 75	Auburn	OF8865		103																			Yes	
	CB8849		Parking	Exit 75	Auburn	OF8865		103																			Yes	
	CB8850		Parking	Exit 75	Auburn	OF8865		103	X		X		X		X			X		X		X		X			Yes	
	CB8887	Median	Median	75.3	Auburn	OF8887		102, 103	X		X		X		X			X		X		X		X			Yes	SB
	CB8869	Median	Median	75.5	Auburn	OF8879		104	X		X		X		X			X		X		X		X			NO	SB
	CB8886	Median	Median	75.6	Auburn	OF8886		105	X		X		X		X			X		X		X		X			Yes	SB
	CB8885	Median	Median	78.5	Auburn	OF8885		107	X		X		X		X			X		X		X		X			NO	
	CB8884	Median	Median	78.55	Auburn	OF8885		107																			NO	
	CB8871	SB	Shoulder	78.7	Auburn	OF8880		107, 108																			NO	
	CB8873	SB	Median	78.7	Auburn	OF8881		107, 108																			NO	
	CB8875	Median	Median	78.7	Auburn	OF8881		107, 108	X		X		X		X			X		X		X		X			Yes	SB
	CB8874	Median	Median	78.7	Auburn	OF8881		107, 108	X		X		X		X			X		X		X		X			Yes	SB
	CB8872	NB	Median	78.7	Auburn	OF8881		107, 108																			Yes	SB
	CB8870	NB	Shoulder	78.7	Auburn	OF8881		107, 108																			NO	
		SB	Shoulder	78.8	Auburn		DP0080	108																				
		NB	Shoulder	78.8	Auburn		DP0082	108																				
	CB8878	SB	Shoulder	79	Lewiston	OF8883	DP0079	108, 109																			NO	
	CB8879	SB	Median	79	Lewiston	OF8883	DP0079	108, 109																			Yes	SB
	CB8877	NB	Median	79	Lewiston	OF8883	DP0079	108, 109																			Yes	SB
	CB8876	NB	Shoulder	79	Lewiston	OF8882	DP0081	108, 109	X		X		X		X			X		X		X		X			NO	
	CB8880	Median	Median	79	Lewiston	OF8883	DP0079	108, 109																			Yes	SB
	CB8881	Median	Median	79	Lewiston	OF8883	DP0079	108, 109																			Yes	SB
	CB0222	Median	Median	79.2	Lewiston	OF0152	DP0079	109	X		X		X		X			X		X		X		X			NO	
	CB8882	Median	Median	79.3	Lewiston**	OF8884	DP0026	110																			NO	
	CB8883	Median	Median	79.3	Lewiston**	OF8884	DP0026	110																			NO	
		SB	Shoulder	79.3	Lewiston**		DP0024	110																				
		Median	Median	79.3	Lewiston**		DP0025	110																				
	CB0223	Median	Median	79.4	Lewiston**	OF0153		110																			NO	
	CB0224	Median	Median	79.5	Lewiston**	OF0154	DP0027	111																			NO	
	CB0225	Median	Median	79.6	Lewiston**	OF0154	DP0027	111																			NO	
	CB0226	Median	Median	79.6	Lewiston**	OF0155	DP0043	111																			NO	
		SB	Shoulder	79.6	Lewiston**		DP0028	111																				
		NB	Shoulder	79.6	Lewiston**		DP0029	111																				
		NB	Shoulder	79.6	Lewiston**		DP0030	111																				
	CB0227	Median	Median	79.7	Lewiston**	OF0156	DP0033	111, 112																			NO	
	CB0228	Median	Median	79.8	Lewiston**	OF0156	DP0033	111, 112																			NO	
		SB	Shoulder	79.85	Lewiston**		DP0031	112																				
		SB	Shoulder	79.85	Lewiston**		DP0032	112																				
	CB0229	Median	Median	79.9	Lewiston**	OF0157	DP0034	112																			NO	
	CB0230	Median	Median	80.1	Lewiston**	OF0158	DP0034	113																			NO	

MAINE TURNPIKE AUTHORITY
Catch Basin Cleanout Tracking Form

MPDES Permit Part IV(D) 3. Illicit Discharge and Elimination (IDDE).
Each permittee must develop, implement and enforce a program to detect and eliminate illicit discharges and non-stormwater discharges, as definied in 06-096CMR521(9)(b)(2), except as provided in Part IV(D)3(c) of this permit into any small MS4.

MTA's SWMP states that MTA shall...
"Utilize regularly scheduled catch basin cleaning to detect possible illicit discharges by visually assessing the contents for the following: unusual color or odor, excessive oil, foam or scum, viscosity, or other suspicious charactenstics "

Note: This form is to be completed in its entirety each permit year per Maine Department of Environmental Services.

Illicit Discharge - 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.

DIRECTIONS:
Indicate "YES" or "NO" for any of the information collected
IF "YES" is correct, please describe your observations as follows

POSSIBLE DESCRIPTIONS FOR EACH CATEGORY

ODOR	COLOR	FLOATABLES	VISCOSITY	DEPOSITS
Petroleum	Grey	Algae/scum	Low, if like water	Sediments **(if more than half full, must be cleaned out)**
Rancid/Sour	Black	Foam/suds	High, if like oil or molasses	Petroleum
Sewage/Septic	Brown	Oil/sheen		Leaves
Organic	Green	Garbage/debris	**ABNORMAL VEGETATION**	Iron staining (which is red-orange-brown discoloration of soils)
Other	Other	Sewage	Excessive growth	Other
None	Clear	Other	Stressed/dry/discolored	None

DATA COLLECTED FOR PERMIT YEAR # 2013

JULY 2012 *TO JUNE* 2013

Indicate amount of sediments observed, if >50% of catchment, must be cleaned out

DATE OF CLEANOUT	CB IDENTIFIER	CB LOCATION with nearest Mile Marker (Example 41.77 NB/Med Shoulder)			TOWN	ASSOCIATED OUTFALL	ASSOCIATED DISCHARGE POINT	MAP SHEET NUMBER	COLLECT DATA AS PART OF CATCH BASIN CLEANOUT								COLLECT DATA AS PART OF ANNUAL INSPECTIONS								SUSPECTED ILLICIT DISCHARGE	CLEANED OUT Yes/No	NEEDS CLEANING Yes/No	INITIALS OF INSPECTOR AND ANY COMMENTS include other suspicious characteristics and/or any damage observed (USE THE BACK OF PAGE IF NECESSARY)
									ODOR (If Yes, describe)		COLOR (If Yes, describe)		FLOATABLES (If Yes, describe)		VISCOSITY (If Yes, describe)		DEPOSITS OR STAINING		ABNORMAL VEGETATION		DAMAGE (If Yes, describe)		TYPE OF FLOW					
									CB	OF	CB	OF	CB	OF	CB	OF	CB	OF	CB	OF	CB	OF	CB	OF				
	CB0231	Median	Median	80.2	Lewiston**	OF0159		113, 114																			NO	NOT Paved Inspected by Kirk + Glenn 6-3-13
	CB0268	SB Brgs	Exit	80	Lewiston**	OF0186		114																			Yes	
	CB0269	SB Ent.	Exit	80	Lewiston**	OF0187		114	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			NO	
	CB0233	NB	Shoulder	80.3	Lewiston**	OF0161		114																			NO	
	CB8855	NB	Median	80.3	Lewiston**	OF0161		114																			NO	
	CB0232	Median	Median	80.3	Lewiston**	OF0160 OF0161		114	X		X		X		X		X		X		X		X				NO	
	CB8854	SB	Median	80.3	Lewiston**	OF0160		114																			NO	
	CB8853	SB	Shoulder	80.3	Lewiston**	OF0160		114																			NO	
	CB0234	Median	Median	80.5	Lewiston**	OF0162		116	X		X		X		X		X		X		X		X				NO	
	CB0235	Median	Median	80.6	Lewiston**	OF0163 OF8864		116																			NO	
	CB0236	Median	Median	80.7	Lewiston**	OF0164		117																			NO	
	CB0237	Median	Median	80.8	Lewiston**	OF0165		117																			NO	
	CB0238	Median	Median	80.95	Lewiston**	OF0166		118																			NO	
	CB0239	Median	Median	81.3	Lewiston**	OF0167		118, 119																			NO	
	CB0244	NB	Shoulder	81.3	Lewiston**	OF0169		119																			NO	NB
	CB0240	NB	Median	81.3	Lewiston**	OF0169		119																			Yes	NB
	CB0241	Median	Median	81.3	Lewiston**	OF0169		119																			Yes	NB
	CB0242	SB	Median	81.3	Lewiston**	OF0169		119	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			Yes	NB
	CB0243	SB	Shoulder	81.3	Lewiston**	OF0168		119	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			NO	
	CB0245	Median	Median	81.6	Lewiston**	OF0170		120																			NO	
	CB0246	Median	Median	81.7	Lewiston	OF0171		121, 122																			NO	Culvert broken
	CB0247	Median	Median	81.7	Lewiston	OF0171		121, 122																			NO	Not paved
	CB8856	Median	Median	81.95	Lewiston	OF8866		122																			NO	
	CB0248	Median	Median	82.1	Lewiston	OF0172		122, 123																			NO	
	CB0249	Median	Median	82.2	Lewiston	OF0173		123																			NO	
	CB0250	Median	Median	82.3	Lewiston	OF0174		123, 124	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			NO	
	CB0251	Median	Median	82.39	Lewiston	OF8877 OF8878		124	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			NO	Culvert broken
	CB0252	Median	Median	82.5	Lewiston	OF0175		124	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			NO	
	CB0253	Median	Median	82.6	Lewiston	OF0176		125																			NO	
	CB0255	NB	Shoulder	82.7	Lewiston	OF0177		125																			NO	
	CB0254	NB	Median	82.7	Lewiston	OF0178		125																			NO	
	CB0256	Median	Median	82.7	Lewiston	OF0178		125																			NO	
	CB8868	SB	Median	82.7	Lewiston	OF0178		125	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			NO	
	CB0257	SB	Shoulder	82.7	Lewiston	OF0178		125																			NO	
	CB8867	Median	Median	82.75	Lewiston	OF8876		125	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			NO	
	CB0258	Median	Median	82.8	Lewiston	OF0179		126	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			NO	
	CB0259	Median	Median	82.9	Lewiston	OF0180		126	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			NO	
	CB0260	Median	Median	83.2	Lewiston	OF0181		127																			NO	
	CB8857	N/A	N/A	BK Plaza	Lewiston	OF8867		128																			—	
	CB8859	N/A	N/A	BK Plaza	Lewiston	OF8868		128																			—	
	CB8858	N/A	N/A	BK Plaza	Lewston	OF8868		128																			—	
	CB8860	N/A	N/A	BK Plaza	Lewiston	OF8869		128	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			—	

MAINE TURNPIKE AUTHORITY
Catch Basin Cleanout Tracking Form

MPDES Permit Part IV(D) 3. Illicit Discharge and Elimination (IDDE).
Each permittee must develop, implement and enforce a program to detect and eliminate illicit discharges and non-stormwater discharges, as definied in 06-096CMR521(9)(b)(2), except as provided in Part IV(D)3(c) of this permit into any small MS4.

MTA's SWMP states that MTA shall...
"Utilize regularly scheduled catch basin cleaning to detect possible illicit discharges by visually assessing the contents for the following unusual color or odor, excessive oil, foam or scum, viscosity, or other suspicious charactenstics."

Note: This form is to be completed in its entirety each permit year per Maine Department of Environmental Services.

Illicit Discharge - 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.

DIRECTIONS:
Indicate "YES" or "NO" for any of the information collected
IF "YES" is correct, please describe your observations as follows

POSSIBLE DESCRIPTIONS FOR EACH CATEGORY

ODOR	COLOR	FLOATABLES	VISCOSITY	DEPOSITS
Petroleum	*Grey*	*Algae/scum*	*Low, if like water*	*Sediments* ***(if more than half full, must be cleaned out)***
Rancid/Sour	*Black*	*Foam/suds*	*High, if like oil or molasses*	*Petroleum*
Sewage/Septic	*Brown*	*Oil/sheen*		*Leaves*
Organic	*Green*	*Garbage/debris*	***ABNORMAL VEGETATION***	*Iron staining (which is red-orange-brown discoloration of soils)*
Other	*Other*	*Sewage*	*Excessive growth*	*Other*
None	*Clear*	*Other*	*Stressed/dry/discolored*	*None*

DATA COLLECTED FOR PERMIT YEAR # 2013

JULY 2012 ***TO JUNE*** 2013

Indicate amount of sediments observed, if >50% of catchment, must be cleaned out

DATE OF CLEANOUT	CB IDENTIFIER	CB LOCATION with nearest Mile Marker (Example: 41 77 NB/Med Shoulder)			TOWN	ASSOCIATED OUTFALL	ASSOCIATED DISCHARGE POINT	MAP SHEET NUMBER	***COLLECT DATA AS PART OF CATCH BASIN CLEANOUT***								***COLLECT DATA AS PART OF ANNUAL INSPECTIONS***								SUSPECTED ILLICIT DISCHARGE	CLEANED OUT Yes/No	NEEDS CLEANING Yes/No	INITIALS OF INSPECTOR AND ANY COMMENTS include other suspicious characteristics and/or any damage observed (USE THE BACK OF PAGE IF NECESSARY)
									ODOR (If Yes, describe)		COLOR (If Yes, describe)		FLOATABLES (If Yes, describe)		VISCOSITY (If Yes, describe)		DEPOSITS OR STAINING		ABNORMAL VEGETATION		DAMAGE (If Yes, describe)		TYPE OF FLOW					
									CB	OF	CB	OF	CB	OF	CB	OF	CB	OF	CB	OF	CB	OF	CB	OF				
	CB8846	N/A	N/A	BK Plaza	Lewiston	OF8869		128																			←	Inspected by Rick + Glenn 6-3-13
	CB0261	Median	Median	83.3	Lewiston	OF0182		128																			No	
	CB0262	NB	Shoulder	83 4	Lewiston	OF0183		128																			No	
	CB0263	NB	Median	83 4	Lewiston	OF0185		128																			No	
	CB0264	Median	Median	83 4	Lewiston	OF0185		128	X		X		X		X		X		X		X		X				No	
	CB0265	SB	Median	83 4	Lewiston	OF0185		128																			No	
	CB0266	SB	Shoulder	83.5	Lewiston	OF0185		128																			No	
	CB0267	SB	Shoulder	83 5	Lewiston	OF0184		129																			No	
	CB8866	Median	Median	83 6	Sabattus	OF8875		129																			No	
	CB8865	Median	Median	83 7	Sabattus	OF8874		129, 130																			No	
	CB8864	Median	Median	83 8	Sabattus	OF8873		130																			No	
	CB8863	Median	Median	84	Sabattus	OF8872		131																			No	
	CB8862	Median	Median	84 2	Sabattus	OF8871		131, 132																			No	
	CB8861	Median	Median	84 3	Sabattus	OF8870		132																			No	

** Dill/Hart Brook Watershed

MAINE TURNPIKE AUTHORITY
Catch Basin Cleanout Tracking Form

JOHN'S COPY

YORK MAINT

MPDES Permit Part IV(D) 3. Illicit Discharge 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(D)3(c) of this permit into any small MS4.

MTA's SWMP states that MTA shall...
"Utilize regularly scheduled catch basin cleaning to detect possible illicit discharges by visually assessing the contents for the following: unusual color or odor, excessive oil, foam or scum, viscosity, or other suspicious characteristics."

NOTE: This form is to be completed in its entirety each permit year per Maine Department of Environmental Protection.

Illicit Discharge - 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.

DIRECTIONS:
Indicate "YES" or "NO" for any of the information collected.
IF "YES" is correct, please describe your observations as follows:

POSSIBLE DESCRIPTIONS FOR EACH CATEGORY

ODOR	COLOR	FLOATABLES	VISCOSITY	DEPOSITS
Petroleum	*Grey*	*Algae/scum*	*Low, if like water*	***Sediments (if more than half full, must be cleaned out)***
Rancid/Sour	*Black*	*Foam/suds*	*High, if like oil or molasses*	*Petroleum*
Sewage/Septic	*Brown*	*Oil/sheen*		*Leaves*
Organic	*Green*	*Garbage/debris*	***ABNORMAL VEGETATION***	*Iron staining (which is red-orange-brown discoloration of soils)*
Other	*Other*	*Sewage*	*Excessive growth*	*Other*
None	*Clear*	*Other*	*Stressed/dry/discolored*	*None*

DATA COLLECTED FOR PERMIT YEAR # 5

JULY 2012 *TO JUNE* 2013

Indicate amount of sediments observed, if >50% of catchment, must be cleaned out

DATE OF CLEANOUT	CB IDENTIFIER	CB LOCATION with nearest Mile Marker (Example: 41.77 NB/Med Shoulder)			TOWN	ASSOCIATED OUTFALL	ASSOCIATED DISCHARGE POINT	MAP SHEET NUMBER	COLLECT DATA AS PART OF CATCH BASIN CLEANOUT: ODOR (If yes, describe) CB	ODOR OF	COLOR (If Yes, describe) CB	COLOR OF	FLOATABLES (If Yes, describe) CB	FLOATABLES OF	VISCOSITY (If Yes, describe) CB	VISCOSITY OF	COLLECT DATA AS PART OF ANNUAL INSPECTIONS: DEPOSITS OR STAINING CB	DEPOSITS OR STAINING OF	ABNORMAL VEGETATION CB	ABNORMAL VEGETATION OF	DAMAGE (If Yes, describe) CB	DAMAGE OF	TYPE OF FLOW CB	TYPE OF FLOW OF	SUSPECTED ILLICIT DISCHARGE	CLEANED OUT Yes/No	NEEDS CLEANING Yes/No	INITIALS OF INSPECTOR AND ANY COMMENTS include other suspicious characteristics and/or any damage observed (USE THE BACK OF PAGE IF NECESSARY)
6-24-13	CB0400	Median	Median	3.2	Kittery	OF0411	DP0043	2	No	No	No	No	No				No	No	No	No	No				No	Yes		N.A.
6-24-13	CB0401	Median	Median	3.25	Kittery	OF0410	DP0041	2																					
6-24-13	CB0402	Median	Median	3.35	Kittery	OF0409	DP0041	3		No	No								No	No	No	No							
6-24-13	CB0403	Median	Median	3.45	Kittery	OF0408	DP0041	3	No		No		No		No	No	No	No	No	No	No	No	OK	OK	No				
6-24-13	CB0404	NB	Shoulder	3.55	Kittery	OF0407	DP0040	3	No		No		No		No		No				No		OK		No				
6-24-13	CB0405	Median	Median	3.55	Kittery	OF0407	DP0040	3	No						No		No						OK		No				
6-24-13	CB0406	SB	Shoulder	3.55	Kittery	OF0407	DP0040	3, 4						No															
6-24-13	CB0407	Median	Median	3.6	Kittery	OF0406	DP0040	4	No	No													OK	OK					
		SB	Shoulder	3.6	Kittery		DP0039	4				No	No	No	No	No	No	No	No	No					No	Yes	Yes		
		NB	Shoulder	3.6	Kittery		DP0042	4				No					No	No	No	No									
6-24-13		Ent. Ramp	Shoulder	3.6	Kittery		DP0044	4																					
	CB0408	Median	Median	3.8	Kittery	OF0405		4, 5																					
6-24-13	CB0409	NB	Shoulder	3.85	Kittery	OF0404		5	No						No				No		No				No				
6-24-13	CB0410	Median	Median	3.85	Kittery	OF0404		5	No						No				No		No								
6-24-13	CB0411	SB	Shoulder	3.85	Kittery	OF0404		5	No	No	No	No																	
6-24-13	CB0412	Median	Median	3.9	Kittery	OF0403		5													No								
6-24-13	CB0413	Median	Median	4	Kittery	OF0402		5		No																			
6-24-13	CB0414	Median	Median	4.1	Kittery	OF0401		6			No																No		
6-24-13	CB0415	Median	Median	4.3	York	OF0400		7																					

MAINE TURNPIKE AUTHORITY
Catch Basin Cleanout Tracking Form

MPDES Permit Part IV(D) 3. Illicit Discharge 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(D)3(c) of this permit into any small MS4.
MTA's SWMP states that MTA shall…
"Utilize regularly scheduled catch basin cleaning to detect possible illicit discharges by visually assessing the contents for the following: unusual color or odor, excessive oil, foam or scum, viscosity, or other suspicious characteristics."

Note: This form is to be completed in its entirety each permit year per Maine Department of Environmental Services.

DIRECTIONS:
Indicate "YES" or "NO" for any of the information collected.
IF "YES" is correct, please describe your observations as follows:

POSSIBLE DESCRIPTIONS FOR EACH CATEGORY

Petroleum	*Grey*	*Algae/scum*	*Low, if like water*	*Sediments*	***(if more than half full, must be cleaned out)***
Rancid/Sour	*Black*	*Foam/suds*	*High, if like oil or molasses*	*Petroleum*	
Sewage/Septic	*Brown*	*Oil/sheen*		*Leaves*	
Organic	*Green*	*Garbage/debris*	***ABNORMAL VEGETATION***	*Iron staining (which is red-orange-brown discoloration of soils)*	
Other	*Other*	*Sewage*	*Excessive growth*	*Other*	
None	*Clear*	*Other*	*Stressed/dry/discolored*	*None*	

DATA COLLECTED FOR PERMIT YEAR # 2013

JULY 1st ***TO JUNE*** 30th

Indicate amount of sediments observed, if >50% of catchment, must be cleaned out

DATE OF ACTIVITY	CB IDENTIFIER	CB LOCATION with nearest Mile Marker (Example: 41.77 NB/Med. Shoulder)			TOWN	ASSOCIATED OUTFALL	***COLLECT DATA AS PART OF CATCH BASIN (CB) CLEANOUT***								***COLLECT DATA AS PART OF ANNUAL INSPECTIONS***								SUSPECTED ILLICIT DISCHARGE	CLEANED OUT Yes/No	NEEDS CLEANING Yes/No	INITIALS OF INSPECTOR AND ANY COMMENTS include other suspicious characteristics and/or any damage observed
							ODOR		COLOR (Yes or No)		FLOATABLES (Yes or No)		VISCOSITY		DEPOSITS OR STAINING		ABNORMAL VEGETATION		DAMAGE		TYPE OF FLOW					
							CB	OF	CB	OF	CB	OF	CB	OF	CB	OF	CB	OF	CB	OF	CB	OF				
8/7/2013	CB0047	NB	Shoulder	32	Biddeford	OF0029	No	No	No	No	No	No			None		None		None					No	No	
8/8/2013	CB0048	SB	Shoulder	32	Biddeford	OF0030	No	No	No	No	No	No			None		None		None					No	No	
8/7/2013	CB0049	SB	Median	32	Biddeford	OF0030	No	X	No	X	No	X		X	None	X	None	X	None	X		X		No	No	
8/7/2013	CB0050	Median	Median	32	Biddeford	OF0030	No	X	No	X	No	X		X	None	X	None	X	None	X		X		No	No	
8/7/2013	CB0051	NB	Median	32	Biddeford	OF0030	No	X	No	X	No	X		X	None	X	None	X	None	X		X		No	No	
8/7/2013	CB0052	Median	Median	32.05	Biddeford	OF0031	No	No	No	No	No	No			None		None		None					No	No	
8/7/2013	CB0053	Median	Median	32.23	Biddeford	OF0032	No	No	No	No	No	No			None		None		None					No	No	
8/7/2013	CB0054	Median	Median	32.33	Biddeford	OF0033	No	No	No	No	No	No			None		None		None					No	No	
8/7/2013	CB0055	SB	Median	32.43	Biddeford	OF0034	No	No	No	No	No	No			None		None		None					No	No	
8/7/2013	CB0056	Median	Median	32.43	Biddeford	OF0034	No	X	No	X	No	X		X	None	X	None	X	None	X		X		No	No	
8/7/2013	CB0057	NB	Median	32.43	Biddeford	OF0034	No	X	No	X	No	X		X	None	X	None	X	None	X		X		No	No	
8/20/2013	CB0058	Median	Median	32.6	Biddeford	OF0035	No	No	No	No	No	No			None		None		None					No	No	
8/20/2013	CB0059	Median	Median	32.7	Biddeford	OF0036	No	No	No	No	No	No			None		None		None					No	No	
8/20/2013	CB0060	SB	Median	32.7	Biddeford	OF0036	No	X	No	X	No	X		X	None	X	None	X	None	X		X		No	yes	wood frame inside jeff l
8/20/2013	CB8847	NB	Median	32.7	Biddeford	OF0036	No	X	No	X	No	X		X	None	X	None	X	None	X		X		No	No	
8/20/2013	CB0061	SB	Median	32.89	Biddeford	OF0037	No	X	No	X	No	X		X	None	X	None	X	None	X		X		No	No	
8/20/2013	CB0062	Median	Median	32.89	Biddeford	OF0037	No	X	No	X	No	X		X	None	X	None	X	None	X		X		No	No	
8/7/2013	CB0063	NB	Median	32.89	Biddeford	OF0037	No	X	No	X	No	X		X	None	X	None	X	None	X		X		No	No	
8/20/2013	CB8835	Median	Median	32.95	Biddeford	OF8845	No	X	No	X	No	X		X	None	X	None	X	None	X		X		No	yes	25 % sand j
8/20/2013	CB0064	Median	Median	33.21	Saco	OF0038	No	X	No	X	No	X		X	None	X	None	X	None	X		X		No	No	
8/20/2013	CB0065	Median	Median	33.3	Saco	OF0039	No	X	No	X	No	X		X	None	X	None	X	None	X		X		No	No	
8/20/2013	CB0066	SB	Shoulder	33.4	Saco	OF0040	No	No	No	No	No	No			None		None		None					No	No	
8/20/2013	CB0067	Median	Shoulder	33.4	Saco	OF0041	No	X	No	X	No	X		X	None	X	None	X	None	X		X		No	No	
8/7/2013	CB0068	NB	Shoulder	33.4	Saco	OF0041	No	X	No	X	No	X		X	None	X	None	X	None	X		X		No	No	
8/20/2013	CB8834	SB	Median	33.4	Saco	OF0042	No	No	No	No	No	No			None		None		None					No	No	
8/20/2013	CB8831	SB	Median	33.4	Saco	OF0042	No	X	No	X	No	X		X	None	X	None	X	None	X		X		No	No	
8/20/2013	CB8830	Median	Median	33.4	Saco	OF0042	No	X	No	X	No	X		X	None	X	None	X	None	X		X		No	yes	top full of sand jef
8/20/2013	CB8829	NB	Median	33.4	Saco	OF0042	No	X	No	X	No	X		X	None	X	None	X	None	X		X		No	No	
8/20/2013	CB8828	NB	Median	33.4	Saco	OF0042	No	X	No	X	No	X		X	None	X	None	X	None	X		X		No	No	
8/20/2013	CB0069	Median	Median	33.43	Saco	OF0042	No	X	No	X	No	X		X	None	X	None	X	None	X		X		No	No	
8/7/2013	CB0070	Median	Median	33.49	Saco	OF0043	No	No	No	No	No	No			None		None		None					No	No	
8/7/2013	CB0071	Median	Median	33.59	Saco	OF0044	No	No	No	No	No	No			None		None		None					No	No	
8/7/2013	CB0072	Median	Median	33.68	Saco	OF0045	No	No	No	No	No	No			None		None		None					No	No	
8/7/2013	CB0073	Median	Median	33.78	Saco	OF0046	No	No	No	No	No	No			None		None		None					No	No	
8/7/2013	CB0074	Median	Median	33.87	Saco	OF0047	No	No	No	No	No	No			None		None		None					No	No	
8/7/2013	CB0075	Median	Median	33.97	Saco	OF0048	No	No	No	No	No	No			None		None		None					No	No	
8/7/2013	CB0076	Median	Median	34.04	Saco	OF0049	No	No	No	No	No	No			None		None		None					No	No	
8/7/2013	CB0077	Median	Median	34.13	Saco	OF0050	No	No	No	No	No	No			None		None		None					No	No	

MAINE TURNPIKE AUTHORITY
Catch Basin Cleanout Tracking Form

MPDES Permit Part IV(D) 3. Illicit Discharge 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(D)3(c) of this permit into any small MS4.
MTA's SWMP states that MTA shall…
"Utilize regularly scheduled catch basin cleaning to detect possible illicit discharges by visually assessing the contents for the following: unusual color or odor, excessive oil, foam or scum, viscosity, or other suspicious characteristics."

Note: This form is to be completed in its entirety each permit year per Maine Department of Environmental Services.

DATA COLLECTED FOR PERMIT YEAR # ***2013***

JULY 1st TO JUNE 30th

DIRECTIONS:
Indicate "YES" or "NO" for any of the information collected.
IF "YES" is correct, please describe your observations as follows:

POSSIBLE DESCRIPTIONS FOR EACH CATEGORY

Petroleum	*Grey*	*Algae/scum*	*Low, if like water*	*Sediments* ***(if more than half full, must be cleaned out)***
Rancid/Sour	*Black*	*Foam/suds*	*High, if like oil or molasses*	*Petroleum*
Sewage/Septic	*Brown*	*Oil/sheen*		*Leaves*
Organic	*Green*	*Garbage/debris*	***ABNORMAL VEGETATION***	*Iron staining (which is red-orange-brown discoloration of soils)*
Other	*Other*	*Sewage*	*Excessive growth*	*Other*
None	*Clear*	*Other*	*Stressed/dry/discolored*	*None*

Indicate amount of sediments observed, if >50% of catchment, must be cleaned out

DATE OF ACTIVITY	CB IDENTIFIER	CB LOCATION with nearest Mile Marker (Example: 41.77 NB/Med. Shoulder)			TOWN	ASSOCIATED OUTFALL	COLLECT DATA AS PART OF CATCH BASIN (CB) CLEANOUT								COLLECT DATA AS PART OF ANNUAL INSPECTIONS								SUSPECTED ILLICIT DISCHARGE	CLEANED OUT Yes/No	NEEDS CLEANING Yes/No	INITIALS OF INSPECTOR AND ANY COMMENTS include other suspicious characteristics and/or any damage observed
							ODOR		COLOR (Yes or No)		FLOATABLES (Yes or No)		VISCOSITY		DEPOSITS OR STAINING		ABNORMAL VEGETATION		DAMAGE		TYPE OF FLOW					
							CB	OF	CB	OF	CB	OF	CB	OF	CB	OF	CB	OF	CB	OF	CB	OF				
8/7/2013	CB0078	Median	Median	34.23	Saco	OF0051	No	No	No	No	No	No			None		None		None					No	No	
8/8/2013	CB0080	SB	Shoulder	34.39	Saco	OF0053	No	No	No	No	No	No			None		None		None					No	No	
8/8/2013	CB0079	Median	Median	34.4	Saco	OF0052	No	No	No	No	No	No			None		None		None					No	No	
8/8/2013	CB0081	SB	Shoulder	34.4	Saco	OF0053	No	X	No	X	No	X		X	None	X	None	X	None	X		X		No	yes	25 % sand
8/7/2013	CB0082	NB	Median	34.53	Saco	OF0054	No	No	No	No	No	No			None		None		None					No	No	
8/7/2013	CB0083	Median	Median	34.53	Saco	OF0054	No	X	No	X	No	X		X	None	X	None	X	None	X		X		No	No	
8/7/2013	CB0084	SB	Median	34.53	Saco	OF0054	No	X	No	X	No	X		X	None	X	None	X	None	X		X		No	No	
8/8/2013	CB0085	SB	Shoulder	34.53	Saco	OF0055	No	No	No	No	No	No			None		None		None					No	yes	25 % sand
8/7/2013	CB0086	Median	Median	34.71	Saco	OF0056	No	No	No	No	No	No			None		None		None					No	No	
8/7/2013	CB0087	Median	Median	34.79	Saco	OF0057	No	No	No	No	No	No			None		None		None					No	yes	25 % sand
8/8/2013	CB0088	SB	Shoulder	34.85	Saco	OF0058	No	No	No	No	No	No			None		None		None					No	No	
8/7/2013	CB0091	Median	Median	34.85	Saco	OF0058	No	X	No	X	No	X		X	None	X	None	X	None	X		X		No	No	
8/7/2013	CB0089	NB	Shoulder	34.85	Saco	OF0059	No	No	No	No	No	No			None		None		None					No	No	
8/7/2013	CB0090	NB	Shoulder	34.85	Saco	OF0059	No	X	No	X	No	X		X	None	X	None	X	None	X		X		No	No	
8/7/2013	CB8837	Median	Median	34.9	Saco	OF8844	No	No	No	No	No	No			None		None		None					No	No	
8/7/2013	CB0092	Median	Median	34.99	Saco	OF0060	No	No	No	No	No	No			None		None		None					No	yes	25 % sand
8/8/2013	CB0093	Median	Median	35.07	Saco	OF0061	No	No	No	No	No	No			None		None		None					No	No	
8/7/2013	CB8851	Median	Median	35.3	Saco	OF0062	No	No	No	No	No	No			None		None		None					No	No	
8/7/2013	CB0094	NB	Shoulder	35.35	Saco	OF0062	No	X	No	X	No	X		X	None	X	None	X	None	X		X		No	No	
8/7/2013	CB0095	NB	Median	35.35	Saco	OF0062	No	X	No	X	No	X		X	None	X	None	X	None	X		X		No	No	
8/7/2013	CB0097	Median	Median	35.35	Saco	OF0062	No	X	No	X	No	X		X	None	X	None	X	None	X		X		No	No	
8/8/2013	CB0098	SB	Median	35.35	Saco	OF0062	No	X	No	X	No	X		X	None	X	None	X	None	X		X		No	No	
8/8/2013	CB0096	SB	Shoulder	35.35	Saco	OF0063	No	No	No	No	No	No			None		None		None					No	No	
8/8/2013	CB0099	NB	Shoulder	35.55	Saco**	OF0064	No	No	No	No	No	No			None		None		None					No	No	
8/8/2013	CB0100	NB	Median	35.55	Saco**	OF0064	No	X	No	X	No	X		X	None	X	None	X	None	X		X		No	No	
8/8/2013	CB0101	Median	Median	35.55	Saco**	OF0064	No	X	No	X	No	X		X	None	X	None	X	None	X		X		No	No	
8/8/2013	CB0102	SB	Median	35.55	Saco**	OF0064	No	X	No	X	No	X		X	None	X	None	X	None	X		X		No	No	
8/8/2013	CB0103	SB	Shoulder	35.64	Saco**	OF0065	No	No	No	No	No	No			None		None		None					No	No	
8/20/2013	CB0110	SB	Exit Ramp	35.7	Saco**	OF0069	No	No	No	No	No	No			None		None		None					No	No	
8/20/2013	CB0111	SB	Exit Ramp	35.7	Saco**	OF0070	No	No	No	No	No	No			None		None		None					No	No	
8/20/2013	CB0112	SB	Exit Ramp	35.7	Saco**	OF0071	No	No	No	No	No	No			None		None		None					No	No	CB removed when paved jeff L
8/20/2013	CB0113	SB	Exit Ramp	35.7	Saco**	OF0072	No	No	No	No	No	No			None		None		None					No	No	
8/20/2013	CB0114	SB	Exit Ramp	35.7	Saco**	OF0073	No	No	No	No	No	No			None		None		None					No	No	
8/7/2013	CB0104	NB	Shoulder	35.75	Saco**	OF0066	No	No	No	No	No	No			None		None		None					No	No	
8/7/2013	CB0105	NB	Median	35.75	Saco**	OF0066	No	X	No	X	No	X		X	None	X	None	X	None	X		X		No	No	
8/7/2013	CB0106	Median	Median	35.75	Saco**	OF0066	No	X	No	X	No	X		X	None	X	None	X	None	X		X		No	No	

MAINE TURNPIKE AUTHORITY
Catch Basin Cleanout Tracking Form

MPDES Permit Part IV(D) 3. Illicit Discharge 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(D)3(c) of this permit into any small MS4.
MTA's SWMP states that MTA shall…
"Utilize regularly scheduled catch basin cleaning to detect possible illicit discharges by visually assessing the contents for the following: unusual color or odor, excessive oil, foam or scum, viscosity, or other suspicious characteristics."

Note: This form is to be completed in its entirety each permit year per Maine Department of Environmental Services.

DIRECTIONS:
Indicate "YES" or "NO" for any of the information collected.
IF "YES" is correct, please describe your observations as follows:

POSSIBLE DESCRIPTIONS FOR EACH CATEGORY

Petroleum	*Grey*	*Algae/scum*	*Low, if like water*	*Sediments* ***(if more than half full, must be cleaned out)***
Rancid/Sour	*Black*	*Foam/suds*	*High, if like oil or molasses*	*Petroleum*
Sewage/Septic	*Brown*	*Oil/sheen*		*Leaves*
Organic	*Green*	*Garbage/debris*	***ABNORMAL VEGETATION***	*Iron staining (which is red-orange-brown discoloration of soils)*
Other	*Other*	*Sewage*	*Excessive growth*	*Other*
None	*Clear*	*Other*	*Stressed/dry/discolored*	*None*

DATA COLLECTED FOR PERMIT YEAR # ***2013***

JULY 1st ***TO JUNE 30th***

Indicate amount of sediments observed, if >50% of catchment, must be cleaned out

DATE OF ACTIVITY	CB IDENTIFIER	CB LOCATION with nearest Mile Marker (Example: 41.77 NB/Med. Shoulder)			TOWN	ASSOCIATED OUTFALL	***COLLECT DATA AS PART OF CATCH BASIN (CB) CLEANOUT***								***COLLECT DATA AS PART OF ANNUAL INSPECTIONS***								SUSPECTED ILLICIT DISCHARGE	CLEANED OUT Yes/No	NEEDS CLEANING Yes/No	INITIALS OF INSPECTOR AND ANY COMMENTS include other suspicious characteristics and/or any damage observed
							ODOR		COLOR (Yes or No)		FLOATABLES (Yes or No)		VISCOSITY		DEPOSITS OR STAINING		ABNORMAL VEGETATION		DAMAGE		TYPE OF FLOW					
							CB	OF	CB	OF	CB	OF	CB	OF	CB	OF	CB	OF	CB	OF	CB	OF				
8/7/2013	CB0107	SB	Median	35.75	Saco**	OF0066	No		No		No				None		None		None					No	No	
8/7/2013	CB0108	Median	Median	35.79	Saco**	OF0067	No	No	No	No	No	No			None		None		None					No	No	
8/7/2013	CB0109	SB	Shoulder	35.87	Saco**	OF0068	No	No	No	No	No	No			None		None		None					No	No	
8/7/2013	CB8852	Median	Median	35.9	Saco**	OF8863	No	No	No	No	No	No			None		None		None					No	No	
8/20/2013	CB8827	Median	Median	Exit 36	Saco**	OF8833	No	No	No	No	No	No			None		None		None					No	No	
8/20/2013	CB8826	Median	Median	Exit 36	Saco**	OF8834	No	No	No	No	No	No			None		None		None					No	No	
8/20/2013	CB8825	Median	Median	Exit 36	Saco**	OF8835	No	No	No	No	No	No			None		None		None					No	No	
8/20/2013	CB8824	Median	Median	Exit 36	Saco**	OF8836	No	No	No	No	No	No			None		None		None					No	No	

** Goosefare Brook Watershed

MCM 6: POLLUTION PREVENTION (P2) AND GOOD HOUSEKEEPING

Annual sweeping activities memo (PY5)

MCM 6: POLLUTION PREVENTION (P2) AND GOOD HOUSEKEEPING

2012 MOA report (PY5)

MAINE TURNPIKE AUTHORITY

2012 PROGRESS REPORT
ON IMPLEMENTATION OF THE STORMWATER
MEMORANDUM OF AGREEMENT

Prepared by:
Maine Turnpike Authority

Submitted:
August 2013

think blue
clean water starts with you!

Stormwater Protection in Maine

I. INTRODUCTION

The purpose of this Progress Report is to comply with the requirements in the Stormwater Memorandum of Agreement (MOA) currently dated November 14, 2007 and adopted by the Maine Department of Environmental Protection (DEP), Maine Department of Transportation (MaineDOT) and Maine Turnpike Authority (MTA). This report summarizes MTA's compliance with the MOA requirements in 2012. Additional information and data on construction projects and activities (e.g., training, certification, etc.) accomplished in 2012; projects and activities anticipated in 2013; and a list of staff or designees who provided oversight with respect to erosion and sedimentation control and stormwater control are maintained on file at MTA.

During the interagency review meeting in September 2012 with DEP and MaineDOT, the differences between the annual reports from MTA and MaineDOT were discussed. Therefore, this report has been revised to provide consistency between the annual reports for the two State Transportation Agencies and to comply with requests to reduce the report. Although the supporting MOA documentation for 2012 projects has been removed, these records continue to be updated and maintained by MTA and are available upon request.

II. 2012 CONSTRUCTION PROJECTS

As required by MTA General and Special Provision 656 – Temporary Soil Erosion and Water Pollution Control, all MTA construction projects with earth disturbance are required to install, maintain, inspect and document erosion control requirements, which are tracked as part of MTA's Construction Project Environmental Compliance (CPEC) Program. Erosion control measures are selected from, and installed consistent with, the MaineDOT Best Management Practices (BMP) for Erosion and Sedimentation Control Manual.

In 2012, with the exception of the open-road tolling project in New Gloucester and redevelopment at the Gray Maintenance Facility, MTA construction efforts continued to focus on bridge repair/maintenance projects, pavement rehabilitation and other small linear projects, as seen in **Table 1.**

Although Basic Standards apply to all of these projects, many of the bridge repair projects did not involve earth-disturbing activities. **Table 1** presents a summary of 2012 projects relative to MOA requirements, such as:

- In 2012, all MTA projects were located within an existing travel corridor;
- In 2012, four (4) of MTA's linear projects were located within Urban Impaired Stream (UIS) watersheds, but were either considered part of redevelopment or were not large enough to trigger General Standards threshold requirements (as per MOA Section 3.B.1 and Chapter 500 Section 4.B.1 and Section 4.B.3.e); and
- In 2012, Maine Construction General Permit (MCGP) coverage was obtained for sites with Limits of Disturbance (LOD) equal to or greater than 1 acre.

Although General Standard BMPs were not required to be designed or installed to meet Chapter 500/MOA requirements for any of the 2012 projects, MTA maintains a list of other permanent stormwater BMPs installed as part of construction projects managed under the MOA in 2012, such as:

- Rip rap downspouts and/or slope stabilization for bridge rehabilitation projects; and
- Culvert inlet/outlet protection and/or stone ditch protection for the smaller linear projects, including pavement rehabilitation projects with drainage upgrades.

MTA's Highway Maintenance Department also completed several small construction projects, which were only required to incorporate Basic Standards; however, an inventory of permanent BMPs installed on these projects are also maintained as part of MTA's CPEC Program, which includes inspections and tracking post-construction operations and maintenance (O&M).

III. MAINTENANCE OPERATIONS

MTA's Highway Maintenance Department continues to track O&M tasks accomplished in 2012 along MTA right-of-way (ROW). The most common maintenance activities accomplished in 2012 included sweeping of paved (impervious) surfaces from Kittery to Augusta, including roadways, toll plazas, service plazas, crossovers, maintenance yards, and commuter parking lots. MTA continues annual inspections of the catch basins and associated culverts (i.e., outfalls) along the ROW; repairs and catchment cleanouts are subsequently performed as needed within MTA ROW. Similar to previous years, between 50 and 70% of the catch basins required cleaning; sediments removed are managed in accordance with established DEP protocols for waste management and beneficial reuse.

Consistent with previous years, Highway Maintenance crews use weekly summary reports and transfer the data relating to storm water or soil and erosion control activities to a quarterly O&M Summary Table to document MOA compliance. The Environmental Services Coordinator conducts:

- A periodic review of the O&M Summary Tables at each Highway Maintenance Facility to track progress throughout the year;
- Joint quarterly inspections of each Highway Maintenance Facility to address stormwater and erosion control issues with the Foremen to supplement their monthly inspections;
- Audits of construction projects with Foremen to review the post-construction O&M Plan requirements for permanently installed BMPs as part of MTA's CPEC Program; and
- Annual training on stormwater, erosion/sedimentation control and spill prevention topics for both MTA's Highway Maintenance and Engineering personnel.

In addition to the daily maintenance operations completed by MTA's Highway Maintenance Department, a thorough inspection of the Turnpike ROW is conducted each year by an engineering contractor. This inspection (generally referred to as the "Annual Inspection") covers pavement, cut sections, embankments, bridges, roadway lighting, drainage structures, signs, pavement markings, toll plazas, utility buildings, service areas, maintenance areas and other facilities. Upon completion of the inspection, MTA receives a report that provides advice and recommendations as to the proper maintenance, repair, and operation of the Turnpike during the ensuing fiscal year.

In 2012, MTA continued to implement the CPEC program, which is a stormwater-based compliance program established by MTA in 2010 to ensure stormwater-related activities and other environmental considerations are documented and filed in a single binder for each construction project from Project Development (e.g., planning, permitting, design, etc.) through Post-Construction, when projects are inspected by Highway Maintenance Foremen as part of the O&M Plans for recently completed projects. The CPEC Program helps to ensure compliance with not only Chapter 500/MOA requirements, but also Maine's Pollutant Discharge Elimination System (MEPDES) Program permits, such as the Municipal Separate Storm Sewer System (MS4) permit, the Maine Construction General Permit (MCGP) and other applicable permits.

IV. CONSTRUCTION PROJECTS PLANNED FOR 2013

As previously mentioned, MTA efforts in 2012 continued to focus on bridge repair/maintenance projects, pavement rehabilitation, and smaller scale linear projects with operations and maintenance components, as opposed to the larger Turnpike Widening effort that was completed in 2004. In 2013, MTA will continue to primarily focus on bridge repair/rehabilitation with additional projects involving pavement rehabilitation/resurfacing. These projects that will be managed in accordance with the existing MOA are summarized in **Table 2**; this table was provided to DEP on February 15, 2013[1]**.** As seen in **Table 2**, all projects are located within an existing travel corridor and are not expected to exceed the threshold triggers for impervious cover or developed area, except:

- Contract 2013.07 – Exit 80 Reconstruction is located within an UIS watershed (Hart Brook) in Lewiston and is expected to add 20,000 sq. ft. or more of impervious area;
- Redevelopment of the existing impervious area allow the project to quality for the exception in Chapter 500 Section 4(B)(3)(e) as per the MOA; and
- Chapter 500 General Standards, including BMP requirements, are anticipated to be incorporated in the final design of this project prior to construction in 2014.

[1] MTA requested a meeting with DEP/Mike Mullen to discuss the status of the MCGP, which occurred on 2/15/13 when the list of 2013 projects was provided to DEP in accordance with DEP's request (during the 2012 Interagency Review meeting) for MTA and MaineDOT to provide a list of anticipated projects to DEP at the beginning of each calendar year (i.e., annually in January or February).

Implementation of the CPEC program is expected to continue in 2013 for these projects to ensure and document compliance with Chapter 500/MOA requirements and other environmental considerations. For example, a post-construction O&M Plan will be prepared and implemented for these BMPs to facilitate long term function and treatment.

MTA's Highway Maintenance Department has no specific plans to perform any new construction projects, which involve BMPs beyond the Chapter 500 Basic Standards. Any anticipated construction projects to be performed by MTA Highway Maintenance are likely to be improvements to existing infrastructure and are anticipated to have limited land disturbance at the existing facilities.

IV. STORMWATER MOA OVERSIGHT

Stormwater MOA compliance and oversight is provided by the following MTA personnel, most of which are professional engineers and/or certified by the DEP's Non-Point Source Training Program:

MTA Personnel	MTA Job Title
John Branscom	*Environmental Services Coordinator*
Peter Merfeld, P.E.	*Chief Operations Officer*
MTA Engineering Personnel	
Steve Tartre, P.E.	*Director of Engineering and Building Maintenance*
Scott Warchol	*Construction Program Manager*
Jeff Nadeau, P.E.	*Resident Engineer*
Ralph Norwood, P.E.	*Project Manager*
Scott Lachance	*ROW/Engineering Tech*
J. Ryan Leavitt, P.E.	*Senior Resident Engineer*
Scott McConihe	*Inspector*
Gerry Ouellette	*Inspector*
Jody Dyke	*Inspector*

MTA Personnel (continued)	MTA Job Title
MTA Highway Maintenance Personnel	
William Wells	*Director of Highway & Equipment Maintenance*
Brian Taddeo, P.E.	*Highway Maintenance Engineer*
Roger Mathews	*Highway Division Supervisor*
Andy Perry	*Highway Division Supervisor*
Dale Cook	*Foreman at Gardiner and Litchfield Highway Maintenance Facility*
Rick Dionne	*Foreman at Auburn Highway Maintenance Facility*
Gary Montague	*Foreman at Gray Highway Maintenance Facility*
Bill Thompson	*Foreman at South Portland (Crosby) Highway Maintenance Facility*
Jim Sotir	*Foreman at Kennebunk Highway Maintenance Facility*
Joe Violette	*Foreman at York Highway Maintenance Facility*

In addition to these MTA staff, several engineering consulting contractors provide additional technical and professional services to MTA regarding stormwater and erosion control maintenance, inspection, design, planning, permitting and compliance.

V. CONCLUSION

Although the format of MTA's 2012 Annual MOA Report has changed, MTA continues to apply the same engineering design and building practices for construction projects to successfully meet the requirements of the current Stormwater MOA. MTA management continues to be committed to post-construction operations and maintenance, and increased education for its employees. MTA carefully manages stormwater and erosion control issues to protect the environment and comply with the current MOA.

TABLES

TABLE 1
REVIEW OF 2012 MTA PROJECTS
Based on MaineDOT ENV Ch 500/MOA Flowchart
(See NOTE 1)

Contract Number	Contract Type	Description of Work	Located within UIS?	Amount of New Impervious Cover (IC) or Developed Area (DA)	Existing Corridor	Applicable Standards[1]	Additional Info	MOA Reportable[3]
2012.01	Resurfacing	MM 30-35 Biddeford Pavement Rehabilitation, Drainage improvements, Guardrail upgrades and other work including Bridge repairs at Saco River	**Yes (Thatcher Brook)**	No changes expected	Yes	Basic[2]	LOD = 1.8 acres Portions in MS4 UA	**No,** <20,000 SF of new IC < 5 acres of developed area
2012.02	Resurfacing	Pavement Rehabilitation, Drainage improvements, guardrail upgrades and other work including improving the clear zone with tree removal and re-ditching from approximately MM92 to 98 and Pavement Rehabilitation for West Gardiner Toll Plaza.	No	No changes expected	Yes	Basic[2]	LOD = 0.93 acres actual / 3.2 acres estimated	**No,** <1 acre of new IC < 5 acres of developed area
2012.03	Bridge Repair & Rehabilitation	Furbush Road Bridge Rehabilitation	No	No changes expected	Yes	Basic[2]	LOD = 2.59 acres	**No,** <1 acre of new IC < 5 acres of developed area
2012.04	Bridge Repair & Rehabilitation	Chandler Mill Rd Bridge Rehabilitation	No	No changes expected	Yes	Basic[2]	LOD = 2.32 acres	**No,** <1 acre of new IC < 5 acres of developed area
2012.05	Bridge Repair & Rehabilitation	Presumpscot River Bridge Repair (Falmouth Spur)	No	No changes expected	Yes	Basic[2]	LOD = 3.51 acres Portions in MS4 UA	**No,** <1 acre of new IC < 5 acres of developed area
2012.06	Bridge Repair & Rehabilitation	Leighton Road, Mountain Road Falmouth & Hunts Hill, Gray (Bridge Repair #1)	No	No changes expected	Yes	Basic[2]	LOD = 1.02 acres Portions in MS4 UA	**No,** <1 acre of new IC < 5 acres of developed area
2012.07	Bridge Repair & Rehabilitation	Bridge Painting various locations	N/A	Not applicable	Yes	Basic[2]	-	N/A
2012.08	Bridge Repair & Rehabilitation	Mousam River in Kennebunk, Saco Interchange Bridge (Bridge Repair#2)	**Yes (Goosefare Brook)**	No changes expected	Yes	Basic[2]	LOD = 1.1 acres Portions in MS4 UA	**No,** <20,000 SF of new IC or < 5 acres of developed area
2012.09	Resurfacing	Auburn Exit 75 Acceleration lane	No	Less than 1 acre of new IC	Yes	Basic[2]	LOD = 2.15 acres Portions in MS4 UA	**No,** <1 acre of new IC < 5 acres of developed area
2012.12	Bridge Repair & Rehabilitation	Bridge Repair #3 Central St. Hallowell	No	No changes expected	Yes	Basic[2]	LOD = 0.5 acres	**No,** <1 acre of new IC < 5 acres of developed area
2012.13	Other	New Gloucester Barrier Toll Plaza Open Road Tolling Conversion	No	No changes expected (redevelopment of existing area)	Yes	Basic[2]	LOD = 3.14 acres	**No,** <1 acre of new IC < 5 acres of developed area
2012.14	Other	Gray Maintenance	No	No changes expected (redevelopment of existing area)	Yes	Basic[2]	LOD < 1.0 acres	**No,** <1 acre of new IC < 5 acres of developed area
2012.17	Bridge Repair & Rehabilitation, Resurfacing	Pavement Rehabilitation Interchange 42 Scarborough, Interchange 42 Bridge repairs Scarborough, Pavement Rehabilitation Interchange 45 South Portland.	**Yes (Red Brook, Long Creek)**	No changes expected	Yes	Basic[2]	LOD = 4.8 acres Portions in MS4 UA	**No,** <20,000 SF of new IC or < 5 acres of developed area
2012.18	Other	Biddeford Wetland Mitigation (Miles York Farm)	N/A	No changes expected	Yes	Basic[2]	LOD = 19 acres	**No,** <20,000 SF of new IC or < 5 acres of developed area
2012 Solicitations								
2012.50	Other	Lewiston Hotel Demo for Park & Ride Lot	**Yes (Hart Brook)**	No changes expected (redevelopment of existing area)	Yes	Basic[2]	LOD = 0.52 acres Portions in MS4 UA	**No,** <20,000 SF of new IC or < 5 acres of developed area
2012.51	Other	Cumberland Septic Emergency repair	No	No changes expected	Yes	Basic[2]	LOD = 0.06 acres	**No,** <1 acre of new IC < 5 acres of developed area
2012.52	Bridge Repair & Rehabilitation	Exit 102 Bridge Hit #2	No	No changes expected	Yes	Basic[2]	LOD = 0.0 acres	**No,** <1 acre of new IC < 5 acres of developed area
2012.53	Other	Bridge Hit Auburn Interchange	No	No changes expected	Yes	Basic[2]	LOD = 0.0 acres	**No,** <1 acre of new IC < 5 acres of developed area
2012.55	Bridge Repair & Rehabilitation	Piscataqua River Bridge "Shoring"	N/A	No changes expected	Yes	Basic[2]	LOD = 0.0 acres	N/A
2012.57	Other	Sign Installation Auburn St. Underpass	No	No changes expected	Yes	Basic[2]	LOD < 1.0 acres In MS4 UA	**No,** <1 acre of new IC < 5 acres of developed area
2012.58	Other	Toll Plaza booth electrical repairs	No	No changes expected	Yes	Basic[2]	LOD < 1.0 acres	**No,** <1 acre of new IC < 5 acres of developed area

NOTES:
1 - Applicable Standards refer to Chapter 500 Stormwater Management as it applies through MaineDOT's ENV OFFICE "DEP Stormwater Rule Compliance Flowchart"
2 - "Basic Standards" applies unless 1 acre or more of new impervious OR > 5 acres of developed area are anticipated.
3 - "MOA Reportable" indicates that the project may require Ch 500 BMPs beyond Basic Standards (e.g., General Standards to the Extent Practicable with DEP Consultation) as per the current MOA and Flowchart above.
UIS = "Urban Impaired Stream" as listed in Chapter 502; **UA =** "Urbanized Area" regulated by MEPDES MS4 permit
"Developed Area " excluding area that within one calendar year of being disturbed is returned to a condition with the same drainage pattern that existed prior to the disturbance and is revegetated, provided the area is not mowed more than once per year.
LOD = "Limits of Disturbance" greater than or equal to 1 acre may triggers Maine Construction General Permit (MCGP) coverage

TABLE 2
REVIEW OF 2013 MTA PROJECTS
Based on MaineDOT ENV Ch 500/MOA Flowchart
(See NOTE 1)

Contract Number	Contract Type	Description of Work	Located within UIS?	Amount of New Impervious Cover (IC) or Developed Area	Existing Corridor	Applicable Standards[1]	Additional Info	MOA Reportable[3]
2013.01	Resurfacing	York to Ogunquit Paving - MM 7-13 & Interchange 7 Pavement Rehabilitation	No	No changes expected	Yes	Basic[2]	LOD = 0.5 acres	**No,** <1 acre of new IC or < 5 acres of developed area
2013.02	Resurfacing	Litchfield Paving MM 88 to 92.8 Mill & Fill Pavement rehabilitation & Guardrail upgrades MM 85 to 92.8	No	No changes expected	Yes	Basic[2]	LOD = 0.5 acres	**No,** <1 acre of new IC or < 5 acres of developed area
2013.03	Resurfacing	Interchange 44 Pavement Rehabilitation, Scarborough	**Yes, partially in Red Brook**	Less than 20,000 sq ft of new IC expected	Yes	Basic[2]	LOD = 0.95 acres	**No,** <20,000 SF of new IC or < 5 acres of developed area
2013.04	Bridge Repair & Rehabilitation	**Saco River Bridge** - lead paint removal, structural steel girder repairs, bearing replacement, concrete abutment and pier repairs, and application of protective coatings. **Nonesuch River** - concrete culvert repairs, epoxy injection crack repairs, and riprap installation. **Potters Brook** - concrete culvert repairs, epoxy injection crack repairs, and riprap installation.	No	No changes expected	Yes	Basic[2]	LOD = 0.5 acres In MS4 UA	**No,** <1 acre of new IC or < 5 acres of developed area
2013.05	Bridge Repair & Rehabilitation	**Replacing the Old Lisbon Road bridge superstructure**. Work includes concrete deck and steel girder replacement, concrete substructure modifications and repairs, approach work and paving, guard rail, and bridge rails.	No - 0.3 miles north of Hart (Dill) Brook watershed	No changes expected	Yes	Basic[2]	LOD = 2.17 acres MCGP applies In MS4 UA	**No,** <20,000 SF of new IC or < 5 acres of developed area
2013.06	Bridge Repair & Rehabilitation	**Replacing the Snow Hill Road bridge superstructure**. Work includes concrete deck and steel girder replacement, concrete substructure modifications and repairs, approach work and paving, guard rail, and bridge rails.	No	Less than 1 acre	Yes	Basic[2]	LOD = 2.06 acres MCGP applies	**No,** <1 acre of new IC or < 5 acres of developed area
2013.07	Other	Exit 80 - Lewiston Interchange NB&SB On-Ramp Reconstruction & NB&SB Off-Ramp Reconstruction.	**Yes (Hart Brook)**	To be determined during final design in 2013	Yes	Basic[2] + General	In Lewiston/ outside UA	**Yes,** >20.000 SF of new IC or >5 acres developed area
2013.08	Bridge Repair & Rehabilitation	Bridge Repairs at up to 10 bridges from York to West Gardiner- Replacing or repairing leaky or missing joint seals (possibly combine adjacent bridges with bridge or paving contracts)	N/A	No changes expected	Yes	Basic[2]	LOD = 0.1 acres	N/A
2013.09	Bridge Repair & Rehabilitation	Bridge Repair (2 bridges), Falmouth-Hurricane Rd over Piscataqua River wearing surface & substructure repairs and Hurricane Rd underpass wearing surface, substructure repairs & raising	No	No changes expected	Yes	Basic[2]	LOD = 0.9 acres	**No,** <1 acre of new IC or < 5 acres of developed area
2013.10	Bridge Repair & Rehabilitation	Androscoggin River Bridge, Auburn/ Lewiston- steel girder repairs & strengthening	No	No changes expected	Yes	Basic[2]	LOD = 0.1 acres Portions In MS4 UA	**No,** <1 acre of new IC or < 5 acres of developed area
2013.11	Bridge Repair & Rehabilitation	Exit 52 Interchange, Falmouth- Bridge deck and substructre repairs, wearing surface, and ramp paving & Blackstrap Rd. Bridge, Falmouth - Bridge Rehabilitation including raising/approach work	No	Less than 1 acre of new IC expected	Yes	Basic[2]	Portions In MS4 UA	**No,** <1 acre of new IC or < 5 acres of developed area
2013.12	Other	Tree cutting/logging MM 83 to MM 92.6, Lewiston to Litchfield.	No	No changes expected	Yes	Basic[2]	Portions In MS4 UA	**No,** <1 acre of new IC or < 5 acres of developed area
2013.53	Other	Slope culvert repair MM 52.2 & MM 54.9	No	No changes expected	Yes	Basic[2]	LOD = 0.8 acres Portions in MS4 UA	**No,** <1 acre of new IC or < 5 acres of developed area
2013.56	Other	West Gardiner MM104 SB Overheight Detection System purchase & installation	No	No changes expected	Yes	Basic[2]	-	**No,** <1 acre of new IC or < 5 acres of developed area
2013.58	Other	New Gloucester Toll Plaza Cash Lane Conversion - Civil/Electrical Work	No	Less than 1 acre of new IC expected	Yes	Basic[2]	-	**No,** <1 acre of new IC or < 5 acres of developed area
2013.59	Other	Gray Maintenance	No	No changes expected (redevelopment of existing area)	Yes	Basic[2]	LOD > 1.0 acres	**No,** <1 acre of new IC < 5 acres of developed area
2013.60	Other	Hydro seeding on clearing project	No	No changes expected	Yes	Basic[3]	LOD = 0 acres	**No,** <1 acre of new IC < 5 acres of developed area

NOTES:
1 - Applicable Standards refer to Chapter 500 Stormwater Management as it applies through MaineDOT's ENV OFFICE "DEP Stormwater Rule Compliance Flowchart"
2 - "Basic Standards" applies unless 1 acre or more of new impervious OR > 5 acres of developed area are anticipated.
3 - "MOA Reportable" indicates that the project may require Ch 500 BMPs beyond Basic Standards (e.g., General Standards to the Extent Practicable with DEP Consultation) as per the current MOA and Flowchart above.
UIS = "Urban Impaired Stream" as listed in Chapter 502; **UA =** "Urbanized Area" regulated by MEPDES MS4 permit
"Developed Area " excluding area that within one calendar year of being disturbed is returned to a condition with the same drainage pattern tha t existed prior to the disturbance and is revegetated, provided the area is not mowed more than once per year.
LOD = "Limits of Disturbance" greater than or equal to 1 acre may triggersMaine Construction General Permit (MCGP) coverage