

**STORM WATER
MANAGEMENT PLAN (SWMP)
ANNUAL SUMMARY REPORT
PERMIT YEAR 1
(JUNE 2003 – JUNE 2004)**

prepared for

Maine Turnpike Authority

**430 Riverside Street
Portland, Maine**



prepared by

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



File No. 09.0025426.30

VIA OVERNIGHT MAIL – UPS RETURN RECEIPT REQUESTED

June 30, 2004

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

SUBJECT: MTA Stormwater Management Plan – DEP File # MER043001

Dear Mr. Ladd:

On behalf of Maine Turnpike Authority (MTA), I am pleased to submit this Annual Summary Report for Permit Year 1 of the MPDES General Permit. MTA has successfully met 100% of the Permit Year 1 requirements as outlined in the Plan. This Annual Summary Report describes its program of Best Management Practices (BMPs) accomplished and status of Measurable Goals for each of the six Minimum Control Measures (MCMs).

As you mentioned during the Interlocal Stormwater Group meeting on June 22nd, you don't want a lot of "fluff...", just the facts". Therefore, I have not included a current copy of the Plan, because you already have a copy, which MTA submitted to you back in September 2003. The Plan remains unchanged and is still current and applicable. The following sections present the results for the first year of implementation and evaluation of the SWMP requirements.

BACKGROUND

In accordance with Part IV(A) of the MPDES General Permit, the SWMP 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 CWA. The SWMP was submitted to the Maine DEP as part of the NOI Part B registration form and outlines a program of Best Management Practices (BMPs) and measurable goals (MGs) for each of

the following six Minimum Control Measures (MCMs):

1. Public education and outreach;
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 municipal operations

For each of the MCMs, measurable goals will be used to evaluate the designated BMPs. These measurable goals have been assigned an implementation schedule and/or milestones for implementation of applicable BMPs. Additionally, specific MTA personnel are delegated the responsible party for implementing each BMP. A work plan and implementation schedule summarizing the MCMs, measurable goals, applicable BMPs and the designated responsible party's name and job title were previously presented to you in **Table 2** of the SWMP submitted to the Maine DEP on October 1, 2003. A summary of achievements and completed goals for permit year 1 (June 2003 through June 2004) are summarized in the following section.

SUMMARY OF SWMP PERMIT YEAR 1 ACHIEVEMENTS & 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 first year of implementation of the MTA's SWMP including the initial Permit Year 1 implementation and evaluation of BMPs and MGs established for the 6 MCMs discussed above. Specifically, Part IV(J) of the permit requires the following annual documentation relative to the SWMP:

MPDES Part IV(J) -- By June 2, 2004, and annually thereafter by June 2, 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 SWMP has not been modified or updated since its submittal to the Maine DEP on October 1, 2003. Therefore, a current copy of the SWMP is not included with this Annual Summary 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 (Permit Year 1).

c. A summary of the stormwater activities the permittee intends to undertake pursuant to its Plan during the next reporting cycle.

No changes to the SWMP implementation schedule or measurable goals have been proposed or are anticipated for Permit Year 2. Please refer to Table 2 of the SWMP for a listing of proposed goals for Permit Year 2.

d. A change in identified measurable goals that apply to the program elements.

No changes to the SWMP implementation schedule or measurable goals were made during Permit Year 1.

e. A summary describing the activities, progress, and accomplishments for each of the MCM #1 through #6 (including such items as the number and nature of enforcement actions, inspections, public involvement activities, detected illicit discharges, detected illicit connections, illicit discharges that were eliminated, and public education ventures).

A summary of achievements and completed goals for Permit Year 1 is shown on attached Table 1 (Summary of SWMP Implementation Schedule & Completed Goals for Permit Year 1) and the primary or key results are also summarized for each MCM in the subsections below. Additional supporting documentation is also provided in Attachments A through E.

MCM 1 – Public Education & Outreach: As shown on Table 1 and Attachments A and B, a new SWPP training program has been initiated for the MTA highway maintenance personnel and the MTA, its counsel, or its consultant have attended and participated in multiple public meetings, seminars, and conferences. The SWPP training has been combined with the MTA’s existing SPCC training and over 115 MTA employees were trained in SPCC/SWPP measures during May and June 2004. In addition, the MTA has participated in over 10 public meetings, 20 Interlocal Stormwater Group meetings, and several seminars and conferences.

MCM 2 – Public Involvement & Participation (Public Notice): The MTA’s public notice policy and scheduled public meetings during Permit Year 1 complied with the Maine Freedom of Access Act (FOAA).

MCM 3 – Illicit Discharge Detection & Elimination (IDDE): Mapping field survey logs have been developed for mapping and preparation of an inventory of the MTA's storm sewer system (outfalls & catchbasins) within UAs along the MTA's Right-of-Way (ROW). Copies of these mapping field survey logs are presented in Attachment C. IDDE field inspection logs have also been developed for conducting dry weather IDDE inspections of the outfalls to be identified during the mapping portion of the IDDE program. The UAs located along the MTA's ROW, which are subject to the SWMP, have been prioritized and a mapping schedule has been developed for Permit Years 2 through 5 based on selected prioritization criteria. The prioritization schedule for mapping of the MTA's storm sewer systems is provided in Attachment D along with copies of the IDDE dry weather inspection forms. In addition, MTA highway maintenance personnel have been trained in the identification of illicit discharges or non-stormwater discharges during routine highway maintenance activities.

MCM 4 & 5 Construction & Post-construction Stormwater Controls: The MTA has implemented the Memorandum of Agreement (MOA), as amended on May 30, 2003 and is currently complying with the requirements of the MOA. A 2003 MOA Progress Report was prepared and previously submitted to the Maine DEP. A copy of the 2003 MOA Progress Report is provided in Attachment E.

MCM 6 – Pollution Prevention (P2) & Good Housekeeping Measures: No permanent vehicle fueling or maintenance facilities or material storage areas were identified within the UA segments of the MTA ROW subject to the MPDES General Permit. In accordance with the MOA, an SPCC Plan was developed for mobile fueling operations along the entire MTA ROW. A copy of the Mobile SPCC Plan is included in Attachment F. In addition, MTA employees who operate or supervise the mobile fueling activities have been trained in May/June 2004 relative to the mobile SPCC requirements.

If you have any questions concerning this Annual Summary Report, please do not hesitate to call me at my office at telephone number (207) 871-7771, ext. 359.

Respectfully,

John M. Branscom
Environmental Services Coordinator
Maine Turnpike Authority

cc: Peter Merfeld, MTA
Peter Sherr, GZA GeoEnvironmental, Inc.
Sharon Newman, PretiFlaherty

ATTACHMENTS:

Table 1 – Summary of SWMP Implementation Schedule & Completed Goals for Permit Year 1

Table 2 – Summary of Proposed SWMP Implementation Schedule & Measurable Goals for Permit Year 2

Attachment A – SWPP Training Documents

Attachment B – Logs of Public Meetings, Notices, Conferences, and Seminars

Attachment C – Outfall & Catchbasin Mapping Field Survey Logs

Attachment D – IDDE SOP, Prioritization Schedule, and Dry Weather Field Inspection Logs

Attachment E – MOA 2003 Progress Report

Attachment F – Mobile SPCC Plan

TABLES

TABLE 1
SUMMARY OF SWMP IMPLEMENTATION SCHEDULE & COMPLETED GOALS FOR PERMIT YEAR 1
Maine Turnpike Authority

MCM (Citation: Part IV(D)...)	MEASURABLE GOALS		ACHIEVEMENTS & COMPLETED GOALS	DOCUMENTATION	RESPONSIBLE PARTY
1. Public Education and Outreach <i>a. Each permittee shall conduct training to address pollution reduction in stormwater runoff.</i>	Year 1:	Evaluate current employee training programs that address stormwater pollution reduction	Completed evaluation of current employee programs that address stormwater pollution. Developed new training program for SWPP and combined with existing SPCC training.	Compile list of current training programs along with current curricula	Environmental Services Coord'r and/or Designated Consultant
		Identify MTA personnel and/or job descriptions for inclusion in the Training Program	Identified MTA personnel for inclusion in the combined SPCC & SWPP training programs. Initial training completed in May & June 2004. Approximately 115 MTA employees were trained in SPCC & SWPP procedures. (See Attachment A for documentation of SWPP training)	Compile list of job descriptions and/or current employees that are assigned SWMP responsibilities	Environmental Services Coord'r and/or HR Department
1. Public Education and Outreach <i>b. Each permittee's contractors are required to have an on-site, responsible person (OSRP) who is trained in erosion and sediment control and has the authority to promptly remedy any deficient controls.</i>	Year 1:	Evaluate current training requirements for MTA contractors	Completed evaluation of current training requirements and existing standard contract documentation for MTA contractors that address stormwater pollution and general erosion & sedimentation controls.	Maintain the following pre-existing documents: -copy of MOA; -DEP's NPS training curricula; -existing contract documents; and -correspondence with contractors	Environmental Services Coord'r and/or Designated Consultant, Counsel, etc.
		Identify current standard contract documents that may be modified to stipulate training requirements	Reviewed standard contract documents (Maine DOT Standard Specification, Dec. 2002) relative to requirements for OSRP trained in erosion & sediment controls.		
	Year 1:	Evaluate MTA's current requirements for MTA contractors to provide an OSRP	Evaluated current requirements for MTA contractors to provide OSRP.	Maintain existing standard contract documents	
		Identify current standard contract documents that may be modified to stipulate OSRP requirements	The MTA notified HNTB (MTA's Highway Engineering & Contract Consultant) to ensure that new contracts will have requirements and special provisions for OSRP trained in erosion & sediment controls.		

**TABLE 1
SUMMARY OF SWMP IMPLEMENTATION SCHEDULE & COMPLETED GOALS FOR PERMIT YEAR 1
Maine Turnpike Authority**

MCM (Citation: Part IV(D)...)	MEASURABLE GOALS	ACHIEVEMENTS & COMPLETED GOALS	DOCUMENTATION	RESPONSIBLE PARTY	
1. Public Education and Outreach <i>c. Each permittee shall coordinate with local groups as appropriate.</i>	Year 1:	Identify opportunities for MTA to provide information to the public	Participated in several public meetings and identified/evaluated several opportunities for MTA to provide stormwater related information to the public. (See Attachment B for list of public meetings)	Maintain schedule of identified meetings and public notices	Environmental Services Coord'r and/or Public (Government and Community) Relations Office
	Year 1:	Coordinate with Government and Community Relations Office to include a stormwater line item in agenda of annual meeting with each host MS4 community	Participated in several MS4 public/municipal meetings and incorporated stormwater issues in meeting agendas. (See Attachment B for list of MS4 public meetings)	Maintain schedule of meetings with host MS4 communities	
	Year 1:	Provide a copy of the DEP-approved SWMP to each host MS4 community upon request	No formal requests for a copy of the MTA's SWMP were received. However, a copy of MTA's SWMP will be available on the MTA's internet homepage in July/August 2004.	Send certified/return receipt requested (maintain receipts and requests)	
	Year 1:	Attend Interlocal Stormwater Workgroup meetings	Participated in multiple Interlocal Stormwater Workgroup meetings. (See Attachment B for list of Interlocal SW Workgroup meetings)	Maintain a log of Interlocal Stormwater Workgroup meetings attended by MTA and/or their designee (i.e., legal counsel, regulatory consultant, etc.)	Environmental Services Coord'r and/or Designated Consultant, Counsel, etc.
	Year 1:	Participate in 2003 Stormwater Conference scheduled for November 3-5, 2003 (BOOTH)	Participated in several stormwater related conferences and training seminars including a booth at the International Cold Climate Conference on November 3-5, 2003. (See Attachment B for list of stormwater conferences and seminars)	Document presentation at Booth	Environmental Services Coord'r and/or Designee
1. Public Education and Outreach <i>c. Each permittee shall coordinate with local groups as appropriate.</i>	Year 1:	Contact webhost/master to discuss upgrades and implied costs for upgrade implementation (i.e., one time update versus annual updates)	A meeting with the MTA's webhost/master was conducted in June 2004. A link and subcategory for MTA stormwater information will be available on the MTA's internet homepage in July/August 2004.	Maintain copy of estimate from webhost/master	Environmental Services Coord'r and/or Designee
	Year 1-5:	Include stormwater information in at least one publication per year	Submitted stormwater update article in June 2004 for inclusion in the MTA's July 2004 quarterly public newsletter. Quarterly stormwater updates will be published in the MTA's newsletter.	Retain a copy of the newsletter with stormwater information included	Environmental Services Coord'r and/or Designee

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Maine Turnpike Authority**

MCM (Citation: Part IV(D)...)	MEASURABLE GOALS	ACHIEVEMENTS & COMPLETED GOALS	DOCUMENTATION	RESPONSIBLE PARTY	
2. Public Involvement and Participation <i>(FOAA Public Notice Requirements)</i>	Year 1:	Evaluate current policy's compliance with FOAA requirements	Evaluated current public notice policy for compliance with FOSS requirements.	Maintain written public notice policy that complies with FOAA requirements	Environmental Services Coordinator and/or Designated Counsel
		If necessary, revise public notice policy to comply with FOAA requirements	Not applicable at this time.		
	Years 1-5:	Ensure all public meetings that address stormwater meet FOAA requirements	Reviewed public notices to ensure compliance with FOAA requirements.	Maintain copies of public notice announcements (e.g., newspaper ads, etc.)	
	Year 1:	Compile current list of public meetings that satisfy MCMs #1 and #2	Attended and participated in several public meetings with adequate public notice. (See Attachment B for list of public meetings)	Summary of public meetings addressing stormwater issues	
3. IDDE <i>a. Within five (5) years of the date of permit issuance, each permittee shall develop a storm sewer system map for each regulated small MS4 operated by the permittee showing all stormwater discharges from all outfalls operated by the permittee.</i>	Year 1:	Inventory existing resources (i.e., base maps, topo maps, as-builts, other specs) that are available in-house, from contractors (e.g., HNTB) and from public records (i.e., DEP, non-profit organizations, etc.)	Conducted an inventory of existing base maps, as-built construction drawings, topographic maps, and other site plans in preparation for the mapping of existing storm sewer systems. Developed mapping field survey logs for recording details of the storm sewer systems and outfalls. (See Attachment C for copies of the mapping field logs) In preparation of the Year 2 mapping program, the MTA initiated a pilot mapping program in June 2004, which included mapping of approximately 1 mile of the storm sewer systems within the MTA's ROW for the Scarborough UA.	Maintain inventory of maps for portions of MTA facility within UA	Environmental Services Coordinator and/or Designated Consultant
		Identify contractor/consultant responsible for compiling information and/or creating new maps that meet the requirements of this Permit	Identified current MTA personnel to manage, coordinate and conduct the storm sewer mapping program.	Establish scope of work and subsequent contract with contractor/consultant	
		Establish prioritization criteria for mapping UAs	See next item below.	Maintain prioritized list of UA	
3. IDDE <i>b. (i.) Identification of priority areas (e.g., areas suspected of illicit discharges and areas scheduled for maintenance and construction activities)</i>	Year 1:	Identify potential prioritization criteria	Conducted an evaluation of prioritization criteria to establish a work schedule for performing the storm sewer mapping program. (See Attachment D for prioritization schedule table)	Document MTA's identified priority areas	Environmental Services Coordinator and/or Designee

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SUMMARY OF SWMP IMPLEMENTATION SCHEDULE & COMPLETED GOALS FOR PERMIT YEAR 1
Maine Turnpike Authority**

MCM (Citation: Part IV(D)...)	MEASURABLE GOALS	ACHIEVEMENTS & COMPLETED GOALS	DOCUMENTATION	RESPONSIBLE PARTY	
3. IDDE <i>b. (ii.) Dry weather inspections including training for locating illicit discharges (e.g. visual screening of outfalls for dry weather discharges)</i>	Year 1:	Identify appropriate personnel to perform dry weather inspection	Identified current MTA highway maintenance personnel for SWPP training and conducting dry weather inspection in conjunction with routine maintenance activities. SWPP and IDDE training combined with existing SPCC training. (See Attachment A for SWPP training documentation)	Document MTA personnel and/or job descriptions assigned dry weather inspections	Environmental Services Coordinator and/or Highway Maintenance Supervisor
		Develop dry weather inspection checklist/form used to document inspections	Developed IDDE dry weather inspection forms for preliminary routine inspections and comprehensive follow-up inspections. (See Attachment D for copies of IDDE field logs/inspection forms)	Retain inspection checklist/form	
	Year 1:	Develop cleanout logs to document assessment of contents for possible detection of illicit discharges	In accordance with the requirements of the MOA, the MTA currently conducts routine inspection and cleaning of catchbasins on an annual basis. In conjunction with the routine inspections and cleaning of catchbasins, the highway maintenance personnel have been trained to perform IDDE dry weather inspections for SWPP. (Also see dry weather inspection logs discussed above)	Retain catch basin cleanout logs	Environmental Services Coordinator and/or Designated Consultant
3. IDDE <i>b. (iii.) Procedures for locating the source of any illicit connection (i.e., dye and smoke testing) and addressing any problems</i>	Year 1:	Develop procedures for locating the source of illicit connections	Developed a SOP for identifying and documenting suspected illicit discharges or non-stormwater discharges. (See Attachment D for IDDE SOP)	Maintain written policy for source location and elimination procedures	Environmental Services Coordinator and/or Designated Consultant
		Identify internal personnel and/or external contractor responsible for conducting illicit connection determination	See MCM 3.b.(ii) above.		
3. IDDE <i>b. (iv.) Procedures for notifying the appropriate state or municipal enforcement authorities regarding illicit connections and discharges identified by the permittee.</i>	Year 1:	Establish an internal policy such that all suspected illicit connections/discharges and pertinent information are immediately reported to MTA's Environmental Services Coordinator (ESC)	See MCM 3.b.(iii) above.	Retain written notification policy for reporting suspected illicit discharges and/or connections	Environmental Services Coordinator and/or MTA Management
		Identify the appropriate state and host MS4 enforcement authorities to notify in the event that an illicit connection/ discharge is detected	See MCM 3.b.(iii) above.	Maintain an Emergency Contact List that provides contact information for state and local authorities	Environmental Services Coordinator and/or Designated Consultant

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Maine Turnpike Authority**

MCM (Citation: Part IV(D)...)	MEASURABLE GOALS		ACHIEVEMENTS & COMPLETED GOALS	DOCUMENTATION	RESPONSIBLE PARTY
3. IDDE <i>c. 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.</i>	Years 1-5:	Identify and document non-stormwater discharges as they are discovered during dry weather inspections, mapping, etc. Revise the SWMP and this Implementation Schedule as necessary	See MCM 3.b.(ii and iii) above.	Maintain log of non-stormwater discharges that potentially contribute to a violation of water quality standards	Environmental Services Coordinator and/or Designated Consultant
4. Construction <i>The program must include, but not be limited to, the development and implementation of the Memorandum of Agreement (MOA) between MDEP, MTA and MDOT, dated March 26, 1998, as amended*.</i> <i>*MOA was amended May 30, 2003.</i>	Year 1:	Implementation of MOA, which includes annual reporting of maintenance surveys and activities	The MTA has implemented the MOA and has previously prepared an annual 2003 Progress Report for the MOA. (See Attachment E for a copy of the 2003 Progress Report)	Maintain records for projects to be included in MOA annual reporting	Environmental Services Coord and/or Designee
5. Post-construction <i>Each permittee must include standard operating procedures for addressing and implementing enforcement actions.</i>	Years 1-5:	Comply with MOA	The MTA has implemented the MOA and is currently complying with the requirements of the MOA.	Maintain construction records and subsequent site inspections	Environmental Services Coordinator and/or Designee
6. P2/Good Housekeeping <i>a. (i.) Each permittee shall develop a site drainage map for any site that performs vehicle maintenance or vehicle fueling. The map must depict fueling stations, vehicle/ equipment maintenance, or parts, engine or under carriage cleaning areas, and vehicle storage areas including plow storage areas, and on site waste storage or disposal.</i>	Year 1:	Identify potential areas of MTA's facility within UAs where vehicle maintenance/fueling is performed	Evaluated the location of MTA facilities relative to the identified UA segments. No MTA facilities where vehicle fueling/maintenance occurs are located within UAs subject to the SWMP.	Maintain site maps with facilities identified within UA	Environmental Service Coord and/or Designee
6. P2/Good Housekeeping <i>a. (ii.) Each permittee shall develop and implement an employee training program to prevent and reduce stormwater pollution from tourist/visitor information centers or service plazas, fleet and building maintenance areas, and stormwater system maintenance.</i>	Year 1:	Evaluate current employee training programs that address stormwater pollution reduction	See MCM 1 above.	See MCM 1 above	See MCM 1 above
		Identify MTA personnel and/or job descriptions for inclusion in the Training Program	See MCM 1 above.		

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Maine Turnpike Authority

MCM (Citation: Part IV(D)...)	MEASURABLE GOALS		ACHIEVEMENTS & COMPLETED GOALS	DOCUMENTATION	RESPONSIBLE PARTY
6. P2/Good Housekeeping <i>a.(iii.) Each permittee shall develop and implement measures that prevent or minimize contamination of stormwater runoff from fueling areas.</i>	Year 1:	Develop SPCC Plan to cover mobile refueling procedures within UA	Prepared an SPCC Plan and conducted annual training in May/June 2003 specifically related to mobile refueling procedures potentially conducted within UA segments along the MTA's ROW. (See Attachment F for a copy of the Mobile SPCC Plan)	Maintain copy of mobile fueling SPCC Plan	Environmental Services Coordinator and/or Designated Consultant
6. P2/Good Housekeeping <i>a.(iv.) Each permittee shall maintain and label all material storage vessels for waste oil, solvents, etc. to prevent contamination of stormwater.</i>	Year 1:	Identify potential material storage areas within UA	Evaluated the location of MTA material storage areas/facilities relative to the identified UA segments. No MTA material storage areas/facilities are located within UAs subject to the SWMP.	Update Table 1 of SWMP to reflect inventory of material storage areas	Environmental Services Coordinator and/or Designated Consultant
6. P2/Good Housekeeping <i>a.(v.) Each permittee shall develop a description as well as implement measures to prevent or minimize contamination of stormwater runoff from vehicle or equipment maintenance and from all areas used for vehicle and equipment cleaning.</i>	Years 1-5:	Consideration of this MCM requirement for future proposed MTA facilities will be documented and updated, as necessary	Not applicable at this time. No new MTA facilities are currently proposed to be constructed within identified UAs subject to the SWMP.	Not applicable (unless future construction of a MTA vehicle/equipment maintenance facility is proposed)	Environmental Services Coordinator and/or Designated Consultant
6. P2/Good Housekeeping <i>a.(vi.) Each permittee shall develop and implement inspection procedures and schedules for maintenance activities described above.</i>	Year 1:	Identify areas to inspect and personnel to perform inspections	IDDE inspection logs and general SPCC/SWPP inspection logs are maintained at each MTA highway maintenance facility.	Maintain inspection records and schedule of inspections, as necessary	Environmental Services Coordinator and/or Designated Consultant
6. P2/Good Housekeeping <i>a.(vii.) The permittee may rely on an existing program provided that it meets the requirements outlined above as determined by the Department.</i>	Years 1-5:	Implementation of this SWMP and potential subsequent revisions as annually reported	The MTA has implemented and is currently maintaining the SWMP. No significant changes to date have been identified for the SWMP.	Maintain SWMP and associated records, including annual reports	Environmental Services Coordinator and/or Designated Consultant

**TABLE 2
SUMMARY OF PROPOSED SWWP IMPLEMENTATION SCHEDULE AND MEASURABLE GOALS FOR PERMIT YEAR 2
Maine Turnpike Authority**

MCM (Citation: Part IV(D)...) 	MEASURABLE GOALS		DOCUMENTATION	RESPONSIBLE PARTY
1. Public Education and Outreach <i>a. Training</i>	Year 2:	Identify and modify, if necessary, current employee training programs to include job-specific SWWP responsibilities, such as procedures including illicit discharge notification, dry weather inspection, etc., for appropriate personnel identified in Year 1.	Maintain attendance sheets and written curricula for training programs	Environmental Services Coord'r and/or Designated Consultant
		Perform training for MTA staff identified in Year 1.		
		Continue to identify MTA personnel and/or job descriptions for inclusion in the Training Program		
1. Public Education and Outreach <i>b. OSRP</i>	Year 2:	Modify, if necessary, standard contract documents to stipulate storm water training requirements (i.e., certification) for MTA contractors	Maintain copy of standard contract documents with stormwater training requirements	Environmental Services Coord'r and/or Designated Consultant
	Year 2:	Modify, if necessary, standard contract documents to stipulate OSRP requirements for MTA contractors	Maintain copy of updated standard contract documents	
1. Public Education and Outreach <i>c. Coordinate with Local Groups</i>	Years 2-5:	Continue to incorporate awareness-level information on MTA's Stormwater Management Program at regularly scheduled meetings	Document stormwater material available at annual meeting(s) (i.e., poster, maps, brochures, etc.)	Environmental Services Coord'r and/or Public (Government and Community) Relations Office
	Years 2-5:	Continue to offer information pertaining to MTA's Stormwater Management Program within UA of the respective MS4 communities	Document MTA attendance and information offered at meetings with host MS4 municipalities	
	Years 2-5:	Provide host MS4 communities with amended SWMP, if necessary and requested	Send certified/return receipt requested (maintain receipts and requests)	
	Years 2-5:	Evaluate MTA participation in future Casco Bay Interlocal Stormwater Working Group or similar established focus groups	Document participation, as appropriate	Environmental Services Coord'r and/or Designated Consultant, Council, etc.
	Years 2-5:	Evaluate MTA participation in future trade shows and conferences, if scheduled	Document correspondence	Environmental Services Coordinator and/or Designee

**TABLE 2
SUMMARY OF PROPOSED SWWP IMPLEMENTATION SCHEDULE AND MEASURABLE GOALS FOR PERMIT YEAR 2
Maine Turnpike Authority**

MCM (Citation: Part IV(D)...) 	MEASURABLE GOALS		DOCUMENTATION	RESPONSIBLE PARTY
1. Public Education and Outreach <i>c. Coordinate with Local Groups</i>	Years 2-5:	Maintain website	Maintain website documents	Environmental Services Coordinator and/or Designated Consultant
	Year 1-5:	Include stormwater information in at least one publication per year	Retain a copy of the newsletter with stormwater information included	Environmental Services Coordinator and/or Designee
2. Public Involvement and Participation <i>(FOAA Public Notice Requirements)</i>	Years 1-5:	Ensure all public meetings that address stormwater meet FOAA requirements	Maintain copies of public notice announcements (e.g., newspaper ads, etc.)	Environmental Services Coord'r and/or Designated Counsel
	Years 2-5:	Maintain list of public meetings	Summary of public meetings addressing stormwater issues	
3. IDDE <i>a. Mapping</i>	Year 2:	Complete mapping for portion of UA based on prioritization criteria	Maintain completed maps	Designated Consultant
3. IDDE <i>b.(i) ID Priority Areas</i>	Years 2-5:	Select prioritization criteria for implementations of IDDE and enforcement program	Document MTA's identified priority areas	Environmental Services Coord'r and/or Designee
3. IDDE <i>b.(ii) Dry Weather Inspections</i>	Year 2:	Train dry weather inspectors to identify illicit discharges	Maintain attendance log and agenda from training	Environmental Services Coord'r and/or Highway Maint. Supervisor
		Develop a schedule of inspections, to the extent possible with existing mapping	Maintain proposed inspection schedule	
	Year 2:	Train appropriate maintenance personnel in contents assessment pertaining to illicit discharge detection and subsequent notification procedures	Document agenda and attendance from training	Environmental Services Coordinator and/or Designated Consultant
3. IDDE <i>b.(iii) Locate and Address Illicit Connections</i>	Year 2:	Implement source location procedures for suspicious flows detected during catch basin cleanouts performed during Year 2	Maintain source location determinations, as well as corrective actions taken to eliminate the illicit connection/discharge	Environmental Services Coordinator and/or Designated Consultant
		Initiate and document corrective action to eliminate source		
3. IDDE <i>b.(iv) Notification Procedures</i>	Year 2:	Develop external notification procedures to be followed in the event of illicit connection and/or discharge detection	Retain written notification for reporting illicit connections/discharges to external agencies	Environmental Services Coordinator and/or Designated Consultant
		Develop a form (to be completed by the ESC in conjunction with the personnel responsible for detecting the illicit discharge) that documents the appropriate information to be conveyed to the appropriate state and/or local enforcement authorities	Maintain notification form template	

**TABLE 2
SUMMARY OF PROPOSED SWWP IMPLEMENTATION SCHEDULE AND MEASURABLE GOALS FOR PERMIT YEAR 2
Maine Turnpike Authority**

MCM (Citation: Part IV(D)...) 	MEASURABLE GOALS		DOCUMENTATION	RESPONSIBLE PARTY
3. IDDE <i>c. Non-SW Discharges</i>	Years 1-5:	Identify and document non-stormwater discharges as they are discovered during dry weather inspections, mapping, etc. Revise the SWMP and this Implementation Schedule as necessary	Maintain log of non-stormwater discharges that potentially contribute to a violation of water quality standards	Environmental Services Coordinator and/or Designated Consultant
4. Construction	Years 2-5:	Continue implementation of, and adherence to, MOA with respect to future MTA projects	Maintain annual MOA report and associated records	Environmental Services Coord'r and/or Designee
5. Post-construction	Years 1-5:	Comply with MOA	Maintain construction records and subsequent site inspections	Environmental Services Coord'r and/or Designee
6. P2/Good Housekeeping <i>a.(i) Site drainage maps for maintenance and fueling facilities</i>	Year 2:	Develop site drainage map for any areas identified in Year 1 Continue to identify potential areas of MTA's facility within UAs where vehicle maintenance/ fueling is performed	Maintain updated site maps	Environmental Services Coordinator and/or Designee
6. P2/Good Housekeeping <i>a.(ii) Training</i>	Year 2:	Identify and modify, if necessary, current employee training programs to include job-specific SWMP responsibilities, such as procedures including illicit discharge notification, dry weather inspection, etc., for appropriate personnel identified in Year 1. Perform training for MTA staff identified in Year 1.	See MCM 1 above	See MCM 1 above
6. P2/Good Housekeeping <i>a.(iii) Minimize Runoff from Fueling Areas</i>	Year 2:	Incorporate mobile refueling into existing SPCC training	Maintain training records	Environmental Services Coordinator and/or Designee
6. P2/Good Housekeeping <i>a.(iv) Label Material Storage Vessels</i>	Year 2:	Develop applicable SOP based on materials stored within UA	Document development of SOP for materials storage within UA	Environmental Services Coordinator and/or Designee
6. P2/Good Housekeeping <i>a.(v) Minimize Runoff from Maintenance Facilities</i>	Years 1-5:	Consideration of this MCM requirement for future proposed MTA facilities will be documented and updated, as necessary	Not applicable (unless future construction of a MTA vehicle/equipment maintenance facility is proposed)	Environmental Services Coordinator and/or Designee
6. P2/Good Housekeeping <i>a.(vi) Inspection Procedures</i>	Year 2:	Develop inspection procedures and schedule	Maintain inspection records and schedule of inspections, as necessary	Environmental Services Coordinator and/or Designee
6. P2/Good Housekeeping <i>a.(vii) Existing O&M</i>	Years 1-5:	Implementation of this SWMP and potential subsequent revisions as annually reported	Maintain SWMP and associated records, including annual reports	Environmental Services Coordinator and/or

ATTACHMENT A
SWPP TRAINING DOCUMENTS

ATTACHMENT B

LOGS OF PUBLIC MEETINGS, NOTICES, CONFERENCES, & SEMINARS

LOG 4 - Conferences And Seminars MTA Has Attended		
<u>Date</u>	<u>Activity Attended & Location</u>	<u>Persons Attended</u>
1/21/2003	MEDEP Public Notice of Gen Permit-Barron Ctr, PTLD	J.B. & S.N.
3/20/2003	Assist Software Trng- SWPII, Augusta	A.G & R.S
5/6/2003	APWA - Case Studies in SWPII, Portland Pub. Works	A.G & R.S & J.B
5/29/2003	Assist Software Trng- MENG Armory, Portland	R.S & A.G & J.B & S.N
9/11/2003	Getting-In-Step Work Shop, Augusta	R.S
11/3-11/5/2003	Set up Booth and Facilitated at Intl.Cold Climate SW Conf., Portland	J.B; B.P.
11/19/2003	State Wide, DEP Educational Media Comp., Auburn	J.B & S.N & R.G
4/6/2004	IDDE Workshop, MEDEP, PWD, Portland	J.B. & S.L. & P.S. & W.F.
<u>LEGEND:</u>		
A.G. (Amy Grace) - MTA Environmental Safety Specialist		
J.B. (John Branscom) - MTA Environmental Services Coordinator		
R.G. (Rebecca Grover) - MTA Gov't. Relations Dept.		
R.S. (Robyn Saunders) - GZA, Inc. Representing MTA		
S.N. (Sharon Newman) - Preti & Flaherty, LLC. Representing MTA		
B.P. (Bruce Pelletier) - MTA Public Relations Dept.		
P.S. (Peter Sherr) - GZA, Inc. Representing MTA		
W.F. (Walter Fagerlund) - HNTB, Inc., Representing MTA		

LEGEND: A.G. - Amy Grace; J.B. - John Branscom; R.G. - Rebecca Grover; R.S. - Robyn Saunders; S.N. - Sharon Newman; B.P. - Bruce Pelletier

ATTACHMENT C

OUTFALL & CATCHBASIN MAPPING FIELD SURVEY LOGS

ATTACHMENT D

IDDE SOP, PRIORITIZATION SCHEDULE, AND DRY WEATHER FIELD
INSPECTION LOGS

STANDARD OPERATING PROTOCOL (SOP) AND PROCEDURES FOR IDENTIFYING AND DOCUMENTING SUSPECTED ILLICIT DISCHARGES OR NON-STORM WATER DISCHARGES IN ACCORDANCE WITH THE MAINE TURNPIKE AUTHORITY'S ILLICIT DISCHARGE DETECTION & ELIMINATION (IDDE) PROGRAM

In accordance with the requirements of the MEPDES General Permit Part IV(D)(3)(a through c), this protocol has been prepared by the Maine Turnpike Authority (MTA) for developing, implementing, and enforcing procedures to detect and eliminate illicit discharges and non-storm water discharges, as defined in 06-096CMR521(9)(b)(2), except as provided in Part IV(D)(3)(c) of the General Permit. A summary of the MTA's standard operating procedures for mapping, field inspections, notification of internal and external agencies, and follow-up response actions relative to the identification and tracing of suspected illicit discharges are listed below:

1. Using GPS equipment and software, the MTA shall inventory and map storm water outfalls and storm sewer systems (catchbasins, manholes, and other drainage systems) within the MTA's Right-of-Way (ROW) that intersect or pass through the urbanized areas (UAs) located within the regulated MS4 municipalities along the Maine Turnpike (I-95) corridor. The UAs shall be mapped in a phased schedule based on selected prioritization criteria as shown on the attached UA Prioritization Table.
2. MTA highway maintenance or environmental management personnel that have received training in accordance with the SWPP Plan requirements shall conduct dry weather IDDE field inspections using the attached IDDE Log-1 (Primary) for each storm water outfall previously identified and mapped under item 1 above. The dry weather IDDE inspections shall be conducted in conjunction with routine highway maintenance activities including routine cleaning of catchbasins and other routine construction-related projects and/or in conjunction with the outfall inventory and mapping field surveys.
3. In the event that a potential illicit discharge or non-storm water discharge is identified during the dry weather IDDE inspection program, immediately contact and submit a copy of IDDE Log-1 (Primary) identifying the illicit discharge to the MTA's Environmental Services Coordinator listed below:

John Branscom
MTA Environmental Services Coordinator
Office: (207) 871-7771 Ext. 359
Cell: (207) 671-3487
Pager: (207) 471-0881
Fax: (207) 878-9702

4. The MTA's Environmental Services Coordinator or designee shall conduct a follow-up IDDE field inspection using the attached IDDE Log-2 (Comprehensive) and, if necessary, shall conduct additional water quality testing to aid in the identification and assessment of the suspected illicit discharge or non-storm water discharge.
5. If necessary, the MTA's Environmental Services Coordinator shall notify the appropriate state (Maine DEP) and/or local enforcement agency (local MS4 municipality) to further assess and locate the source of the suspected illicit connection/discharge or non-storm water discharge (Note: the local municipality will be dependent upon actual location of identified suspected illicit discharge or non-storm water discharge):

David Ladd
Maine DEP, Bureau of Land & Water Quality (BLWQ)
Office: (207) 287-5404
Toll Free (800) 452-1942

6. In conjunction with the local and/or state enforcement agency, the MTA's Environmental Services Coordinator shall coordinate additional response actions to trace the source of the suspected illicit discharge or non-storm water discharge, if necessary. Additional response actions may include additional visual or video inspections of the storm sewer systems and/or dye/smoke testing of the storm sewer systems by qualified MTA maintenance personnel or MTA subcontractors.
7. The MTA's Environmental Services Coordinator shall ensure the proper documentation of IDDE field inspection logs and shall maintain copies of field inspection logs and follow-up response actions relative to suspected or identified illicit discharges or non-storm water discharges identified during the implementation of this IDDE program and protocols established herein.

**URBANIZED AREA (UA) PRIORITIZATION TABLE
Maine Turnpike Authority**

This UA Prioritization Table, which presents the UA segments of MTA facilities in descending order of priority, is intended to satisfy the following MPDES General Permit requirement and the associated Best Management Practice (BMP) and Measurable Goals (MGs) listed below:

*MPDES Permit Part IV(D)3(b). Each permittee's IDDE and enforcement program will consist of the following elements:
(i) Identification of priority areas (e.g., areas suspected of illicit discharges and areas scheduled for maintenance and construction activities).*

SWMP BMP: Develop criteria for prioritizing areas
SWMP MG: Year 1 - Identify potential prioritization criteria
Year 2 - Select prioritization criteria for implementation of IDDE and enforcement program

PERMIT YEAR/ COMPLETE DATE <small>(to maintain compliance w/the mapping schedule of MGs in SWMP)</small>	UA SEGMENT <small>(Host MS4 Communities)</small>	APPROX. MILE MARKER (MM) <small>(South to North)</small>	LINEAR DISTANCE <small>to be mapped (miles)</small>	RATIONALE FOR PRIORITIZATION	ADDITIONAL COMMENT/NOTES
Permit Year 2 (April 2005)	Biddeford Saco	MM 29.5 to 33.0	3.5	Environmental Considerations: One TMDL drafted for Goosefare Brook in Saco Four 303(d)-listed impaired water bodies within UA Biddeford-Saco area listed in Chpt 502 App B(2) Physical Considerations: Two MTA interchanges in Saco	Goosefare, Deep and Thacher Brooks; Saco River Chpt 502 App B(2): Sensitive or threatened regions or watersheds Exit 5 Interchange and former Exit 5 ramps
		MM 33.0 to 35.7	2.7		
		Linear Mileage Subtotal	6.2		
Permit Year 3 (April 2006)	Portland	MM 46.7 to 51.8	5.1	Environmental Considerations: One TMDL "in progress" MTA traverses several small unnamed tributaries Physical Considerations: Three MTA interchanges Two MTA toll plazas Densely populated, industrial and/or commercial areas	Presumpscot River Unable to locate two 303(d)-listed brooks (Fall and Capisic) Exits 9, 8 and 7B Exits 8 and 7B
		Linear Mileage Subtotal	5.1		
Permit Year 4 (April 2007)	Falmouth	MM 51.8 to 53.4	1.6	Environmental Considerations: One TMDL "in progress" Physical Considerations: One MTA interchange One MTA toll plaza	Presumpscot River Exit 10 Exit 10
		Falmouth Spur	~1.0		
		Linear Mileage Subtotal	2.6		
Permit Year 4 (April 2007)	Scarborough	MM (41.0) to 42.0	1.0	Environmental Considerations: No TMDLs Physical Considerations: No MTA facilities other than highway and ROW	
		Linear Mileage Subtotal	~1.0		
Permit Year 5 (April 2008)	Auburn	MM 75.0 to 75.6	0.6	Environmental Considerations: No TMDLs Physical Considerations: One MTA interchange in Auburn	Androscoggin R. has TMDL for portion of river north of Auburn Lake
		MM 78.9 to 79.4	0.5		
	Lewiston	MM 79.6 to 78.9	0.7		
		MM 80.8	<0.1		
		MM 81.4	<0.1		
	Sabattus	MM 83.6 to 84.3	0.7		
Linear Mileage Subtotal	2.7				

IDDE Log - 1
Preliminary Outfall / IDDE Dry Weather Reconnaissance & Inspection Log
Maine Turnpike Authority

Outfall or Catchbasin I.D.: (OF-000X or CB-000X)	Date (mm/dd/yy)	Physical Description				Physical Indicators for Flowing Outfalls or Catchbasins Only									
		Location		Type of Flow (✓)		Odor (✓)			Color (Describe):	Floatables (✓)					
		UA Town I.D.	Nearest Mile Marker (within 0.1 Mi.)	Flowing Water / Stream	Stagnant Pool	Sewage	Petroleum (Oil) or Gas	Other (Describe):		Sewage	Petroleum (Oil) or Gas (Product or Sheen)	Suds	Excessive Algae Bloom	Other (Describe):	
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		

Outfall or Catchbasin I.D.: (OF-000X or CB-000X)	Date (mm/dd/yy)	Physical Indicators for Both Flowing & Non-Flowing Outfalls or Catchbasins				
		Deposits, Staining, or Algae Growth	Abnormal Vegetation (✓)		Outfall or CB Damage	Comments or Other Observations
		Yes or No (If Yes, Describe)	Excessive or Plush Growth	Stressed or Dead	Yes or No (If Yes, Describe)	
			<input type="checkbox"/>	<input type="checkbox"/>		
			<input type="checkbox"/>	<input type="checkbox"/>		
			<input type="checkbox"/>	<input type="checkbox"/>		
			<input type="checkbox"/>	<input type="checkbox"/>		
			<input type="checkbox"/>	<input type="checkbox"/>		

Additional Notes:

IDDE Log - 2
Comprehensive Outfall / IDDE Dry Weather Investigation & Sampling Log
Maine Turnpike Authority

Outfall or Catchbasin I.D.: (OF-000X or CB-000X)	Date (mm/dd/yy)	Location				Sample Collection & Analysis										
		UA Town I.D.	Nearest Mile Marker (within 0.1 Mi.)	Longitude	Latitude	Lab Sample		Location (✓)		Analytical Parameters (✓)						
						Yes (✓)	Sample I.D.	Flowing Water / Stream	Stagnant Pool	Total Coliform Bacteria	E. Coli Bacteria	Oil & Grease	Volatile Organic Compounds (VOCs)	Total Petroleum Hydrocarbons (TPH)	Other:	
								<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
								<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
								<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
								<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
								<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Outfall or Catchbasin I.D.: (OF-000X or CB-000X)	Date (mm/dd/yy)	Physical Indicators for Flowing Outfalls or Catchbasins Only														
		Odor (✓)					Color (Describe)	Turbidity (✓)				Floatables (✓)				
		Sewage	Rancid or Sour	Petroleum (Oil) or Gas	Sulfide	Other:		Slightly Cloudy	Moderately Cloudy	Extremely Cloudy or Opaque	Other:	Sewage	Petroleum (Oil) or Gas	Suds / Foam	Solid Wastes	Other:
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

IDDE Log - 2
Comprehensive Outfall / IDDE Dry Weather Investigation & Sampling Log
Maine Turnpike Authority

Outfall or Catchbasin I.D.: (OF-000X or CB-000X)	Date (mm/dd/yy)	Physical Indicators for Both Flowing & Non-Flowing Outfalls or Catchbasins															
		Deposits or Staining (✓)			Abnormal Vegetation (✓)		Poor Pool Quality (✓ or Describe)						Bacteria/Algae Growth or Mat on Structure Floor/Walls (✓)				
		Oils or Petroleum	Along Flow Line	Other:	Excessive or Plush Growth	Inhibited, Stressed, or Dead	Odors (Describe)	Colors (Describe)	Floatables	Oil Sheen	Suds / Foam	Excessive Algae Bloom	Brown	Orange	Green	Other:	
		<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Outfall or Catchbasin I.D.: (OF-000X or CB-000X)	Date (mm/dd/yy)	Physical Indicators for Both Flowing & Non-Flowing Outfalls or Catchbasins													
		Outfall or CB Damage (✓)			Comments or Other Observations										
		Cracking or Chipping	Corrosion	Other:											
		<input type="checkbox"/>	<input type="checkbox"/>												
		<input type="checkbox"/>	<input type="checkbox"/>												
		<input type="checkbox"/>	<input type="checkbox"/>												
		<input type="checkbox"/>	<input type="checkbox"/>												
		<input type="checkbox"/>	<input type="checkbox"/>												

Additional Notes:

ATTACHMENT E

MOA 2003 PROGRESS REPORT

ATTACHMENT F
MOBILE SPCC PLAN