







**MINIMUM CONTROL MEASURE #1:  
PUBLIC EDUCATION AND OUTREACH (Part IV.B.1 General Permit)**

**SECTION I. MEASURABLE GOALS: (For shaded areas, please provide descriptions of ongoing activity in SECTION II.)**

<b>A. REQUIRED MEASURABLE GOALS:</b>				
<b>Permit ID#</b>	<b>BMP ID</b>	<b>List Measurable Goal</b>	<b>Date(s) Completed</b>	<b>If goal was NOT met, briefly list reasons, current status, plans and new date for meeting the goal</b>
IV.B.1.b.1		Implementation of activities undertaken to educate the community about storm water issues. (ONGOING)		PLEASE COMPLETE UNDER SECTION II.
IV.B.1.b.2		Implementation of public education activities to involve the community in the storm water program (indicate if activities were undertaken by permittee or other entities) (ONGOING)		PLEASE COMPLETE UNDER SECTION II.
<b>B. ADDITIONAL MEASURABLE GOALS:</b>				
		Commitment to the Stormwater Education and Outreach Program through URI NEMO (OPTIONAL - DUE MARCH 2007)	3/7/07	
		Attendance at the following trainings: <input checked="" type="checkbox"/> 4/24/2007 Making an Impact with LID <input checked="" type="checkbox"/> 5/10/2007 TR-55 for Plan Reviewers <input checked="" type="checkbox"/> 12/12/2007 DPW Employee Training	N/A	List name(s) of attendee(s) at each training: 4/24/07 – William Bombard, P.E, City Engineer Soani Delgado, Civil Engineer Craig Hochman, Civil Engineer 5/10/07 – William Bombard, P.E., City Engineer 12/12/07 - William Bombard, P.E, City Engineer Soani Delgado, Civil Engineer Everett Dowling, Foreman Craig Hochman, Civil Engineer Sal Solomon, Highway Superintendent
IV.B.1.b.1 and 5		Make the Storm Water Management Plan available to the General Public	2/19/08	

**SECTION II. OVERALL EVALUATION:**

**GENERAL SUMMARY, STATUS, APPROPRIATENESS AND EFFECTIVENESS OF MEASURABLE GOALS:**

**Include information relevant to the implementation of each measurable goal, such as activities, topics addressed, audiences and pollutants targeted. Discuss activities to be carried out during the next reporting cycle. If addressing TMDL requirements, please indicate rationale for choosing the education activity to address the pollutant of concern.**

**(Note: Identify parties responsible for achieving the measurable goals and reference any reliance on another entity for achieving measurable goals.)**

IV.B.1.b.1

The City is participating in the Stormwater Education and Outreach program through URI NEMO. The Stormwater Committee held its kickoff meeting on November 14, 2007 to discuss utilizing the educational materials to be developed through this program. Upon development of this material, the Stormwater Committee will convene to implement the measurable goal.

IV.B.1.b.2

The measurable goal was met as part of a service project by Margaret Walsh (St. Mary Bay View Academy) in conjunction with Save the Bay. Margaret spray painted stencils on the City's East Side over the course of two weekends (see attached pictures). The City plans to continue these efforts with Save the Bay.

In October 2007, the city hired a Recycling Coordinator to educate citizens about recycling. Education is targeted at neighborhoods, municipal buildings and school buildings with hopes of reducing overall trash and increasing recycling levels. The increased awareness should be a factor in reducing solid waste/floatables on City streets in the future.

Other activities included neighborhood cleanups which are discussed in Minimum Measure #2.

Additional Measurable Goals and Activities

Two civil engineers from the Department of Public Works attended a Webcast presented by the USEPA titled "Conducting Illicit Discharge Detection and Elimination Investigations (IDDE 201)".

IV.B.1.b.1 and 5

The Storm Water Management Plan was made available to the General Public through a Providence Journal Legal Advertisement on February 19, 2008.



**MINIMUM CONTROL MEASURE #2:  
PUBLIC INVOLVEMENT/PARTICIPATION (Part IV.B.2 General Permit)**

**SECTION I. MEASURABLE GOALS: (For shaded areas, please provide descriptions of ongoing activity in SECTION II.)**

<b>A. REQUIRED MEASURABLE GOALS:</b>				
<b>Permit ID#</b>	<b>BMP ID</b>	<b>List Measurable Goal</b>	<b>Date(s) Completed</b>	<b>If goal was NOT met, briefly list reasons, current status, plans and new date for meeting the goal</b>
IV.B.2.b.2.ii		Implementation of public involvement activities and description of groups engaged (ONGOING)		PLEASE COMPLETE UNDER SECTION II.
IV.B.2.b.2.iii		Public notice of the draft annual report and provide the opportunity for public comment (ANNUALLY)	2/19/08	
<b>B. ADDITIONAL MEASURABLE GOALS:</b>				
IV.B.2.b.2.ii		Continue to sponsor and support cleanup projects	As scheduled	
IV.B.2.b.2.ii		Develop local storm water committee	11/14/07	
IV.B.2.b.2.ii		Conduct annual Storm Water Plan meeting for the public	3/4/08 if necessary	

## SECTION II. OVERALL EVALUATION:

**GENERAL SUMMARY, STATUS, APPROPRIATENESS AND EFFECTIVENESS OF MEASURABLE GOALS:**

**Include information relevant to the implementation of each measurable goal, such as types of activities and audiences/groups engaged. Discuss activities to be carried out during the next reporting cycle. If addressing TMDL requirements, please indicate rationale for the activities chosen to address the pollutant of concern.**

**(Note: Identify parties responsible for achieving the measurable goals and reference any reliance on another entity for achieving measurable goals.)**

## IV.B.2.b.2.ii

As part of a community service project by Margaret Walsh (St. Mary Bay View Academy), storm drains were spray painted with stencils on the City's East Side over the course of two weekends (see attached pictures). The materials were provided by Save the Bay and the City plans to continue these projects with Save the Bay as they have proved successful in previous permit years.

In October 2007, the City hired a Recycling Coordinator to educate citizens about recycling. Education is targeted towards neighborhoods, municipal buildings and school buildings with hopes of reducing overall trash and increasing recycling levels. The increased awareness should be a factor in reducing solid waste/floatables on City streets

The City concluded its distribution of the "Big Green Can" during the reported permit year to all residences. A major goal of the program is to decrease pollution on City streets by providing heavy duty trash cans with reliable covers.

## IV.B.2.b.2.iii

The City has issued the public notice in the Providence Journal on February 19, 2008. A Public Meeting **will** be held on March 5, 2008 **if the City received a request from twenty-five (25) people**, a governmental agency or subdivision, or an Association having no less than twenty-five (25) members. During this time, copies of the annual report were available at the Department of Public Works and on the DPW website ([www.providenceri.com/publicworks](http://www.providenceri.com/publicworks)) for public comment.

**Additional Measurable Goals and Activities**

**IV.B.2.b.2.ii**

The City plans to continue clean up projects which are coordinated with local groups as well as regular roadway and public area maintenance by City Staff. In Year 4, there were cleanups organized by the Providence Merchant Association, Narragansett Bay Commission, Broad Street Tomorrow Initiative, Elmwood Foundation, Bridgham Middle School, Providence Crime Watch, Woonasquatucket River Watershed Council and Ward 12 Committee. (see attached flyers). The City is committed to provide trash collection for such events. Additionally, the DPW conducts citywide litter pickups including the cleaning of abandoned lots.

**IV.B.2.b.2.ii**

The local stormwater committee held its kickoff meeting 11/14/07. See Appendix for meeting minutes and attendance.

**SECTION III. Public Notice Information (IV.G.2.h and IV.G.2.i) \*Note: attach copy of public notice**

Date of Public Notice: 2/19/08

How public was notified: Providence Journal

Was public meeting held?      YES      NO

Date: March 4, 2008

Where: Alderman's Chambers, City Hall

Summary of public comments received:

Planned responses or changes to the program:



**MINIMUM CONTROL MEASURE #3:  
ILLICIT DISCHARGE DETECTION AND ELIMINATION (Part IV.B.3 General Permit)**

**SECTION I. MEASURABLE GOALS: (For shaded areas, please provide descriptions of ongoing activity in SECTION II.)**

<b>A. REQUIRED MEASURABLE GOALS:</b>					
<b>Permit ID#</b>	<b>BMP ID</b>	<b>List Measurable Goal</b>	<b>Date(s) Completed</b>	<b>Date Submitted to RIDEM</b>	<b>Name of document used to submit info to RIDEM and where it can be found in that document. If goal was NOT met, briefly list reasons, current status, plans and new date for meeting the goal.</b>
IV.B.3.b.1		Development of an outfall map showing the location of all outfalls and names of receiving waters (DUE YEAR 3)	12/1/07	3/10/08	This is the first submission to RIDEM.
IV.B.3.b.2		Tagging outfall pipes if GIS maps are not being developed (OPTIONAL ACTIVITY)			PLEASE COMPLETE UNDER SECTION II.
IV.B.3.b.3		Recording of additional elements, such as location of catch basins, manholes and pipes, on an on-going basis. (ONGOING)			PLEASE COMPLETE UNDER SECTION II.
IV.B.3.b.4		Adoption of Ordinance to prohibit and enforce illicit discharges into the MS4 (DUE YEAR 2)	12/8/05	12/16/05	City of Providence Ordinances Addressing Phase II Storm Water Management
		Signed Letter from City or Town Solicitor (DUE YEAR 2)	12/16/05	12/16/05	City of Providence Ordinances Addressing Phase II Storm Water Management
IV.B.3.b.5.ii, iii, iv, & v		Implement procedures for the receipt and consideration of complaints, tracing the source of an illicit discharge, removing the source of the illicit discharge, and evaluating and assessing the program (ONGOING)			PLEASE COMPLETE UNDER SECTION II.
IV.B.3.b.5.vi		Inspection of all catch basins and manholes for illicit connections and non-storm water discharges (DUE YEAR 4)	On-going	N/A	
IV.B.3.b.5.vii		Completion of two dry weather surveys, one between Jan 1 <sup>st</sup> and April 30 <sup>th</sup> and one between July 1 <sup>st</sup> and Oct 31 <sup>st</sup> . (Sanitary sewers- bacteria sampling is only required once between July 1 <sup>st</sup> and Oct 31 <sup>st</sup> ) (DUE YEAR 4)	11/1/07	Spring 2008	
IV.B.3.b.7		Implementation of coordinating activities with physically interconnected MS4s, including state and federal owned or operated MS4s, when illicit discharges are detected or reported (ONGOING)			PLEASE COMPLETE UNDER SECTION II.

**ILLICIT DISCHARGE DETECTION AND ELIMINATION cont'd**

IV.B.3.b.8		Implementation of referral to RIDEM of non-storm water discharges not authorized by this permit or a pre-existing permit (ONGOING)			PLEASE COMPLETE UNDER SECTION II.
IV.B.3.b.9		Education of public employees, businesses, and the general public of hazards associated with illicit discharges and improper disposal of waste as well as allowable non-stormwater discharges found to be significant contributors of pollutants to the MS4. (ONGOING)			PLEASE COMPLETE UNDER SECTION II.
<b>B. ADDITIONAL MEASURABLE GOALS:</b>					

**SECTION II. OVERALL EVALUATION:**

**GENERAL SUMMARY, STATUS, APPROPRIATENESS AND EFFECTIVENESS OF MEASURABLE GOALS**

**Include information relevant to the implementation of each measurable goal, such as activities implemented (when reporting tracked and eliminated illicit discharges, please explain the rationale for targeting the illicit discharge) to comply with on-going requirements, and illicit discharge public education activities, audiences and pollutants targeted. Discuss activities to be carried out during the next reporting cycle. If addressing TMDL requirements, please indicate rationale for the activities chosen to address the pollutant of concern.**

**(Note: Identify parties responsible for achieving the measurable goals and reference any reliance on another entity for achieving measurable goals.)**

IV.B.3.b.1

The City has completed mapping outfalls during Year 4. The map (Providence Stormwater Outfalls (with and without streets), Providence Stormwater Outfalls w/ NBC Outfalls) is included in the appendix of this report and is the first submission to RIDEM.

IV.B.3.b.2

N/A

**ILLICIT DISCHARGE DETECTION AND ELIMINATION cont'd**

**IV.B.3.b.3**

Providence Water Supply Board has recently completed a flyover for GIS data in 2006. 80% of catch basins, 90% of manholes and 90% of culverts were geolocated. The City has continued to identify the remaining catch basins, manholes and culverts.

**IV.B.3.b.4**

An ordinance relating to Illicit Discharge Detection and Elimination (No. 569) was approved 12/8/05. The ordinance and signed letter from the City Solicitor were submitted on December 16, 2005 under the subject City of Providence Ordinances Addressing Phase II Storm Water Management. The ordinance is attached in the appendix.

**IV.B.3.b.5.ii, iii, iv, & v**

Procedures have been implemented for the receipt and consideration of complaints, tracing the source of an illicit discharge and removing the illicit discharge. Procedures will be evaluated and assessed during Year 5 as illicit discharge tracing occurs.

**IV.B.3.b.5.vi**

The City regularly inspects catch basins and manholes during routine maintenance for illicit connections and non stormwater discharges. In the reported permit year, 2300 catch basins were cleaned and inspected.

**IV.B.3.b.5.vii**

The City has completed two dry weather surveys. The first time period was extended in an email request to Margarita Chatterton dated 4/4/07 due to poor weather and snow melt. The second dry weather survey satisfied the specified period.

**IV.B.3.b.7**

If an illicit discharge is found, it will be traced to the origin. If it leads to physically interconnected MS4s, including state and federal owned or operated MS4s, the owner will be contacted. If failure to eliminate the illicit discharge, the matter will be sent to the Environmental Enforcement Section at the Department of Public Works.

**IV.B.3.b.8**

No non-storm water discharges determined to date.

IV.B.3.b.9

Five employees attended DPW Employee Training (12/12/07) through URI NEMO. Efforts to present this material to the workforce will start upon receipt of the digital material.

Additional Measurable Goals and Activities

**SECTION III.A Other Reporting Requirements - Illicit Discharge Inspections to Date (Part IV.G.2.m)**

Total Illicit Discharges Identified: 12	Total Illicit Discharges Tracked: 0
Total Illicit Discharges Eliminated: 0	# of Complaints Received: 0
# of Violations Issued: 0	# of Unresolved Violations Referred to RIDEM: 0
Summary of Enforcement Actions: Tracing the illicit discharges will begin in Spring 2008.	
Extent to which the MS4 system has been mapped: The most current comprehensive mapping was completed in August, 1975. Most of the MS4 has remained the same, but much of the downtown area and areas immediately surrounding have been reconstructed. Changes to these areas have not been updated.	

**SECTION III.B Interconnections (Part IV.G.2.k and IV.G.2.l)**

Interconnection:	Date Found:	Location:	Connectee:	Originating Source:	Planned and Coordinated Efforts and Activities with Connectee:



**MINIMUM CONTROL MEASURE #4:  
CONSTRUCTION SITE STORM WATER RUNOFF CONTROL (Part IV.B.4 General Permit)**

**SECTION I. MEASURABLE GOALS: (For shaded areas, please provide descriptions of ongoing activity in SECTION II.)**

<b>A. REQUIRED MEASURABLE GOALS:</b>					
<b>Permit ID#</b>	<b>BMP ID</b>	<b>List Measurable Goal</b>	<b>Date(s) Completed</b>	<b>Date Submitted to RIDEM</b>	<b>Name of document used to submit info to RIDEM and where it can be found in that document. If goal was NOT met, briefly list reasons, current status, plans and new date for meeting the goal.</b>
IV.B.4.b.1		Adoption of Ordinance to require erosion and sediment control, control of other wastes, and sanctions to ensure compliance (DUE YEAR 2)	12/8/05	12/16/05	City of Providence Ordinances Addressing Phase II Storm Water Management
		Signed Letter from City or Town Solicitor (DUE YEAR 2)	12/16/05	12/16/05	City of Providence Ordinances Addressing Phase II Storm Water Management
IV.B.4.b.2 IV.B.4.b.4		Review of 100% of plans and SWPPPs, issuance and tracking of permits for construction projects $\geq 1$ acre not reviewed by other State Programs (ONGOING)			PLEASE COMPLETE UNDER SECTION II.
IV.B.4.b.6		Implementation of procedures to receive and consider information from the public (if relevant.) (ONGOING)			PLEASE COMPLETE UNDER SECTION II.
IV.B.4.b.7		Inspection of 100% of all construction projects within the regulated area that discharge or have the potential to discharge to the MS4. Enforcement of erosion and sediment control measures and other measures for control of waste at construction sites. (ONGOING)			PLEASE COMPLETE UNDER SECTION II.
IV.B.4.b.8		Implementation of procedures for referral to the State of non-compliant construction site operators (ONGOING)			PLEASE COMPLETE UNDER SECTION II.
<b>B. ADDITIONAL MEASURABLE GOALS:</b>					
		Public comment and information regarding new development projects and construction runoff related impacts to be reviewed by the Building Department.	N/A	N/A	

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**SECTION II. OVERALL EVALUATION:**

**GENERAL SUMMARY, STATUS, APPROPRIATENESS AND EFFECTIVENESS OF MEASURABLE GOALS:**

**Include information relevant to the implementation of each measurable goal, such as activities implemented to support the review, issuance and tracking of permits, inspections and receipt of complaints. Discuss activities to be carried out during the next reporting cycle. If addressing TMDL requirements, please indicate rationale for the activities chosen to address the pollutant of concern.**

**(Note: Identify parties responsible for achieving the measurable goals and reference any reliance on another entity for achieving measurable goals.)**

IV.B.4.b.1

An ordinance relating to Soil Erosion and Sediment Control (No. 568) was approved 12/8/05. The ordinance and signed letter from the City Solicitor were submitted on December 16, 2005 under the subject City of Providence Ordinances Addressing Phase II Storm Water Management. The ordinance is attached in the appendix.

IV.B.4.b.2 & IV.B.4.b.4

Applications are submitted in adherence with the ordinance (Chapter 2005-55, No. 568), including submission of SWMPP's for development or redevelopment projects, subject to the exclusions listed in the ordinance, to the Building Official to receive approval. The plans are reviewed by the Planning Board in conjunction with the site plan and SWMPP review performed by the Engineering Department and Department of Inspections and Standards.

IV.B.4.b.6

The City will be initiating a computer based service request system to receive citizen inquiries and complaints by phone and e-mail. The system is capable of generating work orders and will automatically email citizens upon fulfillment of a service request.

IV.B.4.b.7

Currently, all sites are inspected. Current inspection details are included in Section 6.3 of the SWMPP. The DPW, City Engineer and building officials are responsible for this goal.

**CONSTRUCTION SITE STORM WATER RUNOFF CONTROL cont'd**

IV.B.4.b.8

To date, there has been no need to notify the State of non-compliant construction site operators.

**Additional Measurable Goals and Activities**

Public comment and information regarding new development projects and construction runoff related impacts are available at the Department of Inspections and Standards upon request.

**SECTION III. A Plan and SWPPP Reviews during Year 4 (2007)**

# of Construction Reviews completed:20

**Summary of Reviews and Findings:**

Approximately twenty major land development projects were reviewed by the Engineering Division and comments were provided. In several cases, plans were revised and resubmitted. Conformance with the City's Post-Construction Stormwater Control ordinance and the Soil Erosion and Sediment Control ordinance was mandated.

**SECTION III.B Erosion and Sediment Control Inspections during Year 4 (2007) (Part IV.G.2.n)**

# of Site Inspections: 8

# of Complaints Received: 0

# of Violations Issued: 0

# of Unresolved Violations Referred to RIDEM: 0

Summary of Enforcement Actions:  
None



**MINIMUM CONTROL MEASURE #5:  
POST CONSTRUCTION STORM WATER MANAGEMENT IN NEW DEVELOPMENT AND REDEVELOPMENT  
(Part IV.B.5 General Permit)**

**SECTION I. MEASURABLE GOALS: (For shaded areas, please provide descriptions of ongoing activity in SECTION II.)**

<b>A. REQUIRED MEASURABLE GOALS:</b>					
Permit ID#	BMP ID	List Measurable Goal	Date(s) Completed	Date Submitted to RIDEM	Name of document used to submit info to RIDEM and where it can be found in that document. If goal was NOT met, briefly list reasons, current status, plans and new date for meeting the goal.
IV.B.5.b.4		Review of 100% of plans for development projects one or more acres not reviewed by other State Programs (ONGOING)			PLEASE COMPLETE UNDER SECTION II.
IV.B.5.b.5		Coordination with existing State programs requiring post-construction storm water management (ONGOING)			PLEASE COMPLETE UNDER SECTION II.
IV.B.5.b.6		Implementation of referral to the State of new discharges of storm water associated with industrial activity (ONGOING)			PLEASE COMPLETE UNDER SECTION II.
IV.B.5.b.9		Adoption of Ordinance to address post-construction runoff from new development and redevelopment (DUE YEAR 2)	12/8/05	12/16/05	City of Providence Ordinances Addressing Phase II Storm Water Management
		Signed Letter from City or Town Solicitor (DUE YEAR 2)	12/16/05	12/16/05	City of Providence Ordinances Addressing Phase II Storm Water Management
IV.B.5.b.10		Post-construction inspections of BMPs and inspect 100% of all development $\geq$ 1 acre within the regulated area that discharges to the MS4 (ONGOING)			PLEASE COMPLETE UNDER SECTION II.
IV.B.5.b.11		Implementation of how long-term O&M of selected BMPs for new and re-development will be identified, tracked and enforced (ONGOING)			PLEASE COMPLETE UNDER SECTION II.
IV.B.5.b.12		Identification of existing structural BMPs (ONGOING)			PLEASE COMPLETE UNDER SECTION II.
<b>B. ADDITIONAL MEASURABLE GOALS:</b>					
IV.B.5.b.7		Update City's Comprehensive Plan to include opportunities for smart growth and consider non-structural BMP's as described in the State of Rhode Island Stormwater Design and Installation Manual	12/17/07	3/10/08	This is the first submission of the document. Section 3 pertains to Sustainability and the Environment and can be found in the Appendix.

**POST CONSTRUCTION STORM WATER MANAGEMENT IN NEW DEVELOPMENT AND REDEVELOPMENT cont'd**

**SECTION II. OVERALL EVALUATION:**

**GENERAL SUMMARY, STATUS, APPROPRIATENESS AND EFFECTIVENESS OF MEASURABLE GOALS:**

**Include information relevant to the implementation of each measurable goal, such as activities implemented to support the review, issuance and tracking of permits, inspections and receipt of complaints, etc. Please indicate if any projects have incorporated the use of Low Impact Development techniques. Discuss activities to be carried out during the next reporting cycle. If addressing TMDL requirements, please indicate rationale for the activities chosen to address the pollutant of concern.**

IV.B.5.b.4

In the reported permit year, there were no projects greater than one acre.

IV.B.5.b.5

In the reported permit year, there were no projects requiring coordination with existing State programs.

IV.B.5.b.6

In the reported permit year, there were no new stormwater discharges associated with industrial activity. As necessary referral to the State of new discharges of storm water associated with industrial activity will occur.

IV.B.5.b.9

An ordinance relating to Post Construction – Storm Water Control (No. 567) was approved 12/8/05. The ordinance and signed letter from the City Solicitor were submitted on December 16, 2005 under the subject City of Providence Ordinances Addressing Phase II Storm Water Management. The ordinance is attached in the appendix.

IV.B.5.b.10

The City has developed procedures but did not have projects over one acre in Year 4. Currently all projects are inspected at the end of construction in order to receive an occupancy permit. The final inspection includes inspection of structural BMP's when necessary.

**POST CONSTRUCTION STORM WATER MANAGEMENT IN NEW DEVELOPMENT AND REDEVELOPMENT cont'd**

**IV.B.5.b.11**

The City will be initiating a program to implement long term O&M of BMP's of new and re-developed properties. The City has begun to compile a geodatabase of these BMP's and efforts are underway to obtain tracking software.

**IV.B.5.b.12**

The City coordinates with RIDOT and NBC for identification of existing structural BMP's. New BMP's are identified during plan review stages by the Engineering Department at DPW. Many of the existing structural BMP's are not the responsibility of the City, but are still known by municipal staff.

**Additional Measurable Goals and Activities**

**IV.B.5.b.7**

The measurable goal was adopted by the City Plan Commission on 8/23/07, by the City Council on 12/6/07 and signed into law by the Mayor on 12/17/07. The section pertaining to this report can be found in the City's Comprehensive Plan Section 3 (Sustainability and the Environment), Objective SE 2.C. This section has been included in the appendix of this report and can be viewed in full at [www.providenceplanning.org](http://www.providenceplanning.org).

**SECTION III.A. Plan and SWPPP Reviews during Year 4 (2007)**

# of Post-Construction Reviews completed: 8

Summary of Reviews and Finding:  
No violations found.

**SECTION III.B. Post Construction Inspections during Year 4 (2007): Proper Installation of Structural BMPs (Part IV.G.2.o)**

# of Site Inspections: 0

# of Complaints Received: 0

# of Violations Issued: 0

# of Unresolved Violations Referred to RIDEM: 0

**POST CONSTRUCTION STORM WATER MANAGEMENT IN NEW DEVELOPMENT AND REDEVELOPMENT cont'd**

Summary of Enforcement Actions:  
No enforcement actions taken.

**SECTION III.C. Post Construction Inspections during Year 4 (2007): Proper Operation and Maintenance of Structural BMPs (Part IV.G.2.p)**

# of Site Inspections: 0

# of Complaints Received: 0

# of Violations Issued: 0

# of Unresolved Violations Referred to RIDEM: 0

Summary of Enforcement Actions:  
No enforcement actions taken.



**MINIMUM CONTROL MEASURE #6:  
POLLUTION PREVENTION AND GOOD HOUSEKEEPING IN MUNICIPAL OPERATIONS (Part IV.B.6 General Permit)**

**SECTION I. MEASURABLE GOALS: (For shaded areas, please provide descriptions of ongoing activity in SECTION II.)**

<b>A. REQUIRED MEASURABLE GOALS:</b>				
<b>Permit ID#</b>	<b>BMP ID</b>	<b>List Measurable Goal</b>	<b>Date(s) Completed</b>	<b>If goal was NOT met, briefly list reasons, current status, plans and new date for meeting the goal</b>
IV.B.6.b.1.i		Identification, location and description of all municipally owned structural BMPs (ONGOING)		PLEASE COMPLETE UNDER SECTION II.
IV.B.6.b.1.ii		Inspection and cleaning BMPs (ONGOING)		PLEASE COMPLETE UNDER SECTION II.
IV.B.6.b.1.iii		Annual catch basin inspection and cleaning program (ANNUALLY)	On-going	
IV.B.6.b.1.iv		Minimize erosion of road side shoulders and ditches by requiring stabilization of those areas (ONGOING)		PLEASE COMPLETE UNDER SECTION II.
IV.B.6.b.1.v		Identify and report annually the known discharges causing scouring at outfall pipes or outfalls with excessive sedimentation and a description of all corrective actions (ONGOING / ANNUALLY)		PLEASE COMPLETE UNDER SECTION II.
IV.B.6.b.1.vi		Annual road sweeping of all streets and roads within the regulated area annually (ANNUALLY)	12/31/07	
IV.B.6.b.1.vii		Maintenance activities, schedules and long-term inspection for controls to reduce floatables (ONGOING)		PLEASE COMPLETE UNDER SECTION II.
IV.B.6.b.1.viii		Proper disposal of removed waste from the MS4 (ONGOING)		PLEASE COMPLETE UNDER SECTION II.
IV.B.6.b.4		Municipally owned non-Industrial facilities must develop and implement BMPs for O & M and Good Housekeeping, as well as corrective actions designed to eliminate and/or minimize the discharge of pollutants to waters of the State (DUE YEAR 4)	On-going	

**POLLUTION PREVENTION AND GOOD HOUSEKEEPING IN MUNICIPAL OPERATIONS cont'd**

IV.B.6.b.5		Reporting and tracking of inspections, comprehensive site evaluations, corrective actions implemented and scheduled improvements to minimize the discharge of pollutants at industrial facilities owned and operated by the municipality (ONGOING)		PLEASE COMPLETE UNDER SECTION II.
IV.B.6.b.6		Implementation of employee training programs that will be used to prevent and reduce storm water pollution (ONGOING)		PLEASE COMPLETE UNDER SECTION II.
IV.B.6.b.7		Implementation of procedures for assessing potential water quality impacts to existing and new flow management projects (ONGOING)		PLEASE COMPLETE UNDER SECTION II.
<b>B. ADDITIONAL MEASURABLE GOALS:</b>				

**SECTION II. OVERALL EVALUATION:**

<b>GENERAL SUMMARY, STATUS, APPROPRIATENESS AND EFFECTIVENESS OF MEASURABLE GOALS:</b>	
<p>Include information relevant to the implementation of each measurable goal, such as activities and practices used to address on-going requirements. Discuss activities to be carried out during the next reporting cycle. If addressing TMDL requirements, please indicate rationale for the activities chosen to address the pollutant of concern.</p> <p>(Note: Identify parties responsible for achieving the measurable goals and reference any reliance on another entity for achieving measurable goals.)</p>	
IV.B.6.b.1.i	The City is responsible for one structural BMP at the inlet to York Pond. Plans are kept at Department of Public Works

**POLLUTION PREVENTION AND GOOD HOUSEKEEPING IN MUNICIPAL OPERATIONS cont'd**

IV.B.6.b.1.ii

In Year 4, floatables were removed on a weekly basis at York Pond. There are eight river grates within the City that are cleaned on a daily basis. Details regarding this are included in Section 8.2.2 of the SWMPP.

IV.B.6.b.1.iii

The City's Sewer Department cleans catch basins once every other year, when public complaints or requests are received, and when municipal staff observes flooding problems. Problem areas are inspected for debris that may cause blockage prior to known storm events. In the reported permit year, 2300 catch basins were cleaned yielding 1259.26 tons of material and waste.

IV.B.6.b.1.iv

The majority of City owned roads are constructed with a curb and gutter system. At locations where erosion is evident, efforts are made to stabilize.

IV.B.6.b.1.v

There are no known discharges causing scouring at outfall pipes or outfalls with excessive sedimentation.

IV.B.6.b.1.vi

The City currently sweeps all municipal streets at least once per year by a hired contractor between April and November of each year. Many City streets are swept up to eight times per year, with commercial corridors swept 1-3 times per week. Approximately 730 curb miles, over 2095 streets were swept in Year 4.

IV.B.6.b.1.vii

Floatables are removed from the MS4 by the many community clean ups and routine cleaning by the City's Sewer Department. Additionally, the City recently completed the distribution of 67,000 95-gallon garbage cans with lids to every residence to eliminate floatables. No data has been collected.

IV.B.6.b.1.viii

Sediments excavated from catch basins are disposed of at the landfill. In the reported permit year, 1259.26 tons were disposed.

IV.B.6.b.4

At all municipal non-industrial facilities, the City minimize pollutant runoff. Solid waste is picked up and litter is controlled on a daily or weekly basis. The City also removes snow from these facilities and when needed applies sand/salt treatment to necessary areas. These areas are swept as necessary. Section 8.0 of the SWMPP outlines all municipal non-industrial O&M.

**POLLUTION PREVENTION AND GOOD HOUSEKEEPING IN MUNICIPAL OPERATIONS cont'd**

<p>IV.B.6.b.5 There is no current schedule for improvements or corrective actions to minimize the discharge of pollutants at industrial facilities owned and operated by the municipality. The Department of Public Works Highway garage houses its hazardous waste and salt/sand indoors. Additionally, runoff from the area enters catch basins that connect to a combined sewer for treatment by the Narragansett Bay Commission.</p>
<p>IV.B.6.b.6 Five staff from Providence DPW attended the URI NEMO workshop "DPW Training". The Department plans to use this material to present to the employees.</p>
<p>IV.B.6.b.7 The City continues to assess potential water quality impacts to existing and new flow management projects as areas are being developed or redeveloped and as potential water quality impacts arise.</p>
<p>Additional Measurable Goals and Activities</p>

**SECTION III.A Structural BMPs (Part IV.B.6.b.1.i)**

BMP ID:	Location:	Name of BMP Owner/Operator:	Description of BMP:
York Pond Outfall	York Pond	City of Providence	Velocity reduction and sediment/floatable removal

**SECTION III.B Discharges Causing Scouring or Excessive Sedimentation (Part IV.B.6.b.1.v)**

Outfall ID:	Location:	Description of Problem:	Description of Remediation Taken, include dates:	Receiving Water Body Name/Description:

**POLLUTION PREVENTION AND GOOD HOUSEKEEPING IN MUNICIPAL OPERATIONS cont'd**

**SECTION III.C Note any planned municipal construction projects/opportunities to incorporate water quality BMPs, low impact development, or activities to promote infiltration and recharge (Part IV.G.2.j).**

There are no known planned municipal projects.

**SECTION III.D Please include a summary of results of any other information that has been collected and analyzed. This includes any type of data (Part IV.G.2.e).**



## TOTAL MAXIMUM DAILY LOAD (TMDL) or other Water Quality Determination REQUIREMENTS

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**SECTION I. If you have been notified that discharges from your MS4 require non-structural or structural storm water controls based on an approved TMDL or other water quality determination, please provide an assessment of the progress towards meeting the requirements for the control of storm water identified in the approved TMDL (Part IV.G.2.d). Please indicate rationale for the activities chosen to address the pollutant of concern.**

On August 29, 2007, notification was received that the USEPA has approved a TMDL plan for the Woonasquatucket River. Efforts are underway to conform to this plan.

On November 14, 2007, notification was received that the USEPA has approved a TMDL plan for Mashpaug Pond and Roger Williams Park ponds. Efforts are underway to conform to this plan.

MADE WITH