RHODE ISLAND DEPARTMENT OF
ENVIRONMENTAL MANAGEMENT
Office of Water Resources

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RIPDES SMALL MS4 ANNUAL REPORT

GENERAL INFORMATION PAGE

RIPDES PERMIT #RIR040 100455

REPORTING PERIOD: [X] **YEAR 8**
Jan 2011-Dec 2011

OPERATOR OF MS4

Name: The University of Rhode Island			
Mailing Address: Sherman Building 523 Plains Road			
City: Kingston	State: RI	Zip: 02881	Phone: (401) 847-5488
Contact Person: Jerome Sidio	Title: Director, Facilities Services		
Legal status (circle one): PRI - Private PUB - Public BPP - Public/Private **STA - State** FED – Federal Other (please specify):			

OWNER OF MS4 (if different from OPERATOR)

Name:			
Mailing Address:			
City:	State:	Zip:	Phone: ( )
Contact Person:	Title:		

CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under the direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, I certify that the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Print Name Jerome Sidio

Print Title Director of Facilities Services

Signature _____ Date _____

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

SECTION I. 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	Provide a General Summary of activities implemented to educate your community on how to reduce storm water pollution. For TMDL affected areas, with storm water associated pollutants of concern, indicate rationale for choosing the education activity. List materials used for public education and topics addressed. Summarize implementation status and discuss if the activity is appropriate and effective.
The University requires all staff employees to attend training sessions annually for the proper handling of contaminants and the proper disposal of contaminants. All employees are reminded that nothing can be disposed into the storm drainage system. These safety sessions and presentations are conducted by the URI Safety and Risk Dept. Messages to educate the community also continued in the school website. The RI NEMO continued to sponsor education programs for all communities of the state. The director and staff are members of the URI community and provide resources for all communities in developing their storm water pollution prevention program and maintaining their program. The parties involved include the URI Utilities Dept., URI Safety and Risk Dept., and the RI NEMO Program.	
IV.B.1.b.2	Provide a general summary of how the public education program was used to educate the community on how to become involved in the municipal or statewide storm water program. Describe partnerships with governmental and non-governmental agencies used to involve your community.
The University continued its support with various student groups for campus cleanup activities such as Earth Day events. In what may appear as unrelated to stormwater pollution prevention, the University has entered into a contract for energy savings which includes a behavior change measure. Though the concentration of this measure is for energy savings, it is hoped that the program will help change not only the community's wasteful energy behaviors, but also other wasteful behaviors such as littering which contributes to the stormwater pollution. Responsible parties include the URI Utilities Dept., Noresco & RI NEMO.	

Additional Measurable Goals and Activities: Please indicate if the following training sessions were attended and list the name(s) and municipal position of all staff who attended the training. (Please note that participation in these trainings was required for those MS4s who committed to participating in the URI NEMO Stormwater Public Education and Outreach Program.)

Attendance at the following trainings if applicable:

X RI Stormwater Design and Installation Standards Manual: Workshop Part #1 - Manual Overview (January 13, 2011)
Attending name of staff and title: Andy Alcusky – PM URI Utilities Dept
Attending name of staff and title: _____

X RI Stormwater Design and Installation Standards Manual: Workshop Part #2 - BMP Construction and Maintenance (January 19, 2011)
Attending name of staff and title: Andy Alcusky – PM URI Utilities Dept
Attending name of staff and title: _____

X RI Stormwater Design and Installation Standards Manual: Workshop Part #3 - A detailed look at the required sizing calculations and critical elements of BMP design (March 22, 2011)

Attending name of staff and title: Andy Alcusky – PM URI Utilities Dept
Attending name of staff and title: Dave Lamb – Utilities Dept. Director

X RI Stormwater Design and Installation Standards Manual: Workshop Part #4 - A detailed look at the required specifications and measures for BMP construction and maintenance (March 24, 2011)

Attending name of staff and title: Andy Alcusky – PM URI Utilities Dept.
Attending name of staff and title: _____

X A New Approach to Financing Stormwater Management: Stormwater Utility Districts. Workshop Part 1: Managing Stormwater in Tough Budget Times (October 25, 2011)

Attending name of staff and title: Andy Alcusky – URI Utilities Dept.
Attending name of staff and title: _____

X A New Approach to Financing Stormwater Management: Stormwater Utility Districts. Workshop Part 2: Success Stories From New England (November 17, 2011)

Attending name of staff and title: Andy Alcusky – PM URI Utilities Dept
Attending name of staff and title: _____

Other Trainings:
South Regional TMDL Meeting: August 3, 2011
Attendee: Andy Alcusky PM URI Utilities Dept.

TMDL Webinar: 11/15/11
Attendee: Andy Alcusky – PM URI Utilities Dept.

Communities Protecting Drinking Water Sources –Current Challenges, New Strategies: December 1, 2011
Attendee: Dave Lamb – Director of URI Utilities Dept.

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

SECTION I. 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	Describe audiences targeted for the public involvement minimum measure, include a description of the groups engaged, and activities implemented and if a particular pollutant(s) was targeted. If addressing TMDL requirements indicate how the audience(s) and/or activity address the pollutant(s) of concern. Name of person(s) and/or parties responsible for implementation of activities identified. Assess the effectiveness of BMP and measurable goal.

Audiences targeted include the students living on campus especially the freshman students new to the campus. Others targeted include staff both educational as well as support staff. Activities implemented include the storm drain marking program by the students. Support staff is required to attend annual review sessions on the prohibition of illicit discharges into the storm drainage system and the proper handling and disposal of all materials. Other activities targeted for involvement include the campus wide cleanup to reduce floatables and Earth day activities. Responsible parties include the URI Utilities Dept. Lands and Ground Dept., the Trash and Recycling dept. and the URI Safety and Risk Dept.

Additional Measurable Goals and Activities

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

Date of Public Notice: 3-2-12	How public was notified: Public Notice in Local Paper

Was public meeting held? YES NO

Date: Where:

Summary of public comments received:

No comments were received

Planned responses or changes to the program:

None at this time

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

SECTION I. 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:	Indicate if the outfall map was not completed, reasons why, proposed schedule for completion of requirement and person(s)/ Department responsible for completion. (The Department recommends electronic submission of updated EXCEL Tables if this information has been amended.) **Date of Completion: December 22, 2008**
The outfall map was completed by the URI Utilities Dept. Outfall Location Tables have been completed and were included with the Year 5 report. The University is continually working to update the drainage maps. The EXCEL tables for the outfalls did not require an update for 2011.	
IV.B.3.b.2	Indicate if your municipality chose to implement the tagging of outfalls activity under the IDDE minimum measure, activities and actions undertaken under the 2011 calendar year.
The University Utilities Dept chose to implement the tagging of outfalls under the IDDE minimum measure and tagged the outfalls in 2008.	
IV.B.3.b.3	Provide a summary of the implementation of recording of system additional elements (catch basins, manholes, and/or pipes). Indicate if the activity was implemented as a result of the tracing of illicit discharges, new MS4 construction projects, and inspection of catch basins required under the IDDE and Pollution Prevention and Good Housekeeping Minimum Measures, and/or as a result of TMDL related requirements and/or investigations. Assess effectiveness of the program minimizing water quality impacts.
The drainage system and its records were again modified throughout campus during 2011. Some of the updates are a result of new construction work on campus. Areas where revised drainage was recorded included the work near the new College of Pharmacy Building in the north district and the new Hillside dorm project in the Residential Life District. Other catch basins were added to control flooding and erosion issues in a number of areas. Lastly more catch basins were discovered as drainage lines are traced and structures are uncovered. As a result of the construction activity and field inspection an additional 58 catch basins and 225 drain manholes were added to our inventory and 6 catch basins were removed from the inventory list. The changes in the quantities were a result of further mapping of the system, including drain manholes in the inventory and updating changes due to recent construction. In addition to changes found during the field inspections, URI will continue to update the drainage system records from the as-built drawings from projects completed during the past calendar year. URI's Capital Projects Group provides a status of all projects on campus to the Facilities Dept. and as projects are closed out, the URI Utilities Dept. will then update the drainage records using the as-built drawings as well as any new info discovered during the yearly inspections.	
IV.B.3.b.4	Indicate if the IDDE ordinance was **not** developed, adopted and submitted to RIDEM, explain reasons why, submit proposed schedule for completion and identify person(s) / Department and/or parties responsible for the completion of this requirement. **Date of Adoption:** If the Ordinance was amended in 2011, please indicate why changes were necessary.
The University of Rhode Island has not developed this ordinance in the 2011 calendar year. The University owns the entire subject area and controls all activities on their property. The University is a state agency that has policies in place to ensure proper compliance to prohibit and enforce illicit discharges to the MS4. Policy enforcement is through a combination of inspections by Safety and Risk Management and Facilities Services Departments. The SR&M department receives, responds, investigates and files all incidents involving hazmat and other illicit discharge activities that might occur on campus. Investigations, corrective actions and enforcement activities are monitored and implemented through this office. We also conduct annual inspections throughout the campus for potential illicit discharges into the storm and waste water systems. We have developed a Spill Prevention and Containment Plan as required by the EPA that is designed to reduce the potential for illicit discharges into the sanitary and storm water systems.	

IV.B.3.b.5.ii, iii, iv, & v	Provide a summary of the implementation of procedures for receipt and consideration of complaints, tracing the source of an illicit discharge, removing the source of the illicit discharge and program evaluation and assessment as a result of removing sources of illicit discharges. Identify person(s) / Department and/or parties responsible for the implementation of this requirement.
All complaints (of any nature) are referred to the URI Control Center. The Control Center will log each call and then notify the appropriate department responsible for the complaint. If the complaint is relative to an illicit discharge to the storm system, the URI Utilities Dept will be responsible to respond to the complaint. The Utilities Dept. will evaluate the complaint, trace the origin of the illicit discharge, ensure that the illicit discharge is stopped immediately and assess if other procedures need to be implemented. URI started to log complaints into the ASIST database in 2011.	
IV.B.3.b.5.vi	Provide summary of implementation of catch basin and manhole inspections for illicit connections and non-storm water discharges. If the required measurable goal of inspecting all catch basins and manholes for this purpose was not accomplished, please indicate reasons why, the proposed schedule of completion and identify person(s) / Department and/or parties responsible for the implementation of this requirement. Evaluate effectiveness of the implementation of this requirement. The operator must keep records of all inspections and corrective actions required and completed.
During 2011, the URI Utilities Dept. inspected all known catch basins throughout the Kingston Campus for illicit connections and non-storm water discharges. The inspections were performed in conjunction with the surveying of the drainage system for inventory of the system and noting condition of the structures. Inspection of the catch basins also help determined which structures were in need of cleaning. URI continued recording the inspections of the catch basins utilizing the ASIST database. URI will continue to inspect 100% of the catch basins in 2012.	
IV.B.3.b.5.vii	If dry weather surveys including field screening for non-storm water flows and field tests of selected parameters and bacteria were not completed, indicate reasons why, proposed schedule for the completion of this measurable goal and person(s) / Department and/or parties for the completion of this requirement. Evaluate effectiveness of the implementation of this requirement. **The results of the dry weather survey investigations must be submitted to RIDEM electronically, if not already submitted or if revised since 2009, in the RIDEM provided EXCEL Tables and should include visual observations for all outfalls during both the high and low water table timeframes, as well as sample results for those outfalls with flow. The EXCEL Tables must include a report of all outfalls and indicate the presence or absence of dry weather discharges.** **Date of Completion: September 17,2009**
The University conducted two dry weather surveys in 2011. The University Utilities Dept. performed dry weather surveys on May 26, 2011 and August 5, 2011. In the first survey, flow was noted at seven of the outfall sites. The origin of the flow in all cases was traced back to ground water or natural flow from wet areas. No flow was observed at any of the outfalls during the August 05, 2011 survey. The results of the surveys are shown in the Year 8 Report.	
IV.B.3.b.7	Provide a description of efforts and actions taken as a result of for coordinating with other physically interconnected MS4s, including State and federal owned or operated MS4s, when illicit discharges were detected or reported. Identify person(s) / Department and/or parties responsible for the implementation of this requirement. Evaluate effectiveness of the implementation of this requirement.
During 2011 the University did not have any issues with illicit discharges associated with other MS4's. The only interconnections with another MS4 are two drainage lines that connect 12 catch basins from the South Kingston MS4 to the URI drainage system.	
IV.B.3.b.8	Provide a description of efforts and actions taken for the referral to RIDEM of non-storm water discharges not authorized in accordance to Part I.B.3 of this permit or another appropriate RIPDES permit, which the operator has deemed appropriate to continue discharging to the MS4, for consideration of an appropriate permit. Identify person(s) / Department and/or parties responsible for the implementation of this requirement. Evaluate effectiveness of the implementation of this requirement.
The University identified two unauthorized non-storm water discharges during 2011. A backwash pump from the Tootell Pool was discharging into Ellery Pond via the storm water drainage system. The backwash pump discharge line pipe was re-routed to a holding basin and then pumped into the sewer system. The other unauthorized discharge discovered was from a condensate drain from a compressor at Crawford Hall. The condensate drain was re-routed to the sewer system. In both cases there was no need to contact RIDEM for enforcement action or application for a special permit. The University's Utilities Dept. is responsible evaluating all discharges into the storm drainage system.	
IV.B.3.b.9	Provide a description of efforts and actions taken to inform public employees, businesses, and the general public of hazards associated with illegal discharges and improper disposal of waste, as well as allowable non-storm water discharges identified as significant contributors of pollutants. Include a description on how this activity was coordinated with the public education minimum measure and the pollution prevention/good housekeeping minimum measure programs. Identify person(s) / Department and/or parties responsible for the implementation of this requirement. Evaluate effectiveness of the implementation of this requirement.

All of the University's Facility Services personnel must attend annual training on identifying the materials that the employees are exposed, spill prevention plans, spill control procedures and the proper means of material disposal. The University's Safety & Risk Dept. conducts numerous trainings throughout the year in proper disposal of wastes and especially hazardous wastes. All employees working with the waste stream are required to attend re-fresher courses. Staff employees have been trained to comply with spill control procedures and the proper disposal of waste. A campus wide effort to inform students, staff and visitors was implemented. Messages were placed on the web site home page and electronic bulletin boards at all residence halls to "Know where it goes". By directing the lawn mower discharge back into vegetated areas where possible, the University's Lands and Grounds personnel have been can limit the amount of lawn waste from being blown on impervious surfaces where it will flow into the storm drainage system. All contractors working on campus are required per contract to properly dispose of all waste material and are allowed only permitted discharges into the storm drainage system. The University's Utilities Dept, The Safety and Risk Dept. and the Office of Capital Projects are tasked to monitor this requirement.
Additional Measurable Goals and Activities

SECTION II.A Other Reporting Requirements - Illicit Discharge Investigation and System Mapping (Part IV.G.2.m)

# of Illicit Discharges Identified in 2011: 2	# of Illicit Discharges Tracked in 2011: 2
# of Illicit Discharges Eliminated in 2011: 2	# of Complaints Received: 2
# of Complaints Investigated: 2	# of Violations Issued: 0
# of Violations Resolved: 0	# of Unresolved Violations Referred to RIDEM: 0
Total # of Illicit Discharges Identified to Date (since 2003): 2	Total # of Illicit Discharges remaining unresolved at the end of 2011: 0
Summary of Enforcement Actions: An illicit connection was discovered in the Athletic Center Area of the University. A pool backwash pump was discharging flow into the storm water system. The flow from the backwash pump was re-piped into the sanitary sewer system. A compressor condensate drain was flowing into the storm drain at Crawford Hall. The condensate drain was re-routed into the sewer system.	
Extent to which the MS4 system has been mapped: URI continues to update the storm drainage maps each year as more components of the system are discovered and from changes on campus. The previous unidentified components of the drainage system have been discovered mostly during the inspections for illicit discharges. The identification of all drainage structures is hopefully approaching 100%. The mapping of the system remains in the 90 – 95% range. The transfer of the mapping data to digital is planned as funds become available	

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

Interconnection:	Date Found:	Location:	Name of Connectee:	Originating Source:	Planned and Coordinated Efforts and Activities with Connectee:
24" Storm Drain	2-8-11	Briar Lane	South Kingston	Wetlands south of Briar Lane	Agreed to notify SK Engineer of any issues
12" Storm Drain	2-8-11	Fortin Road	South Kingston	2 Catch Basins on Fortin Road	Agreed to notify SK Engineer of any issues
12" Storm Drain	2-8-11	Chapel Road	South Kingston	10 Catch Basins on Chapel Road	Agreed to notify SK Engineer of any issues

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

SECTION I. 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	Indicate if the Sediment and Erosion Control and Control of Other Wastes at Construction Sites ordinance was **not** developed, adopted and submitted to RIDEM, explain reasons why, submit proposed schedule for completion and identify person(s) / Department and/or parties responsible for the completion of this requirement. **Date of Adoption:** If the Ordinance was amended in 2011 please indicate why changes were necessary.
An ordinance for Sediment and Erosion Control and Control of Other Wastes at Construction Sites ordinance was not developed. The University does not have a mechanism to develop ordinances. The University owns all of the subject area and controls all activities on its properties. The mechanism to ensure proper erosion and sediment controls and control of other wastes is our "General Plans and Specifications" developed for and under the direction of the Office of Capital Projects by an A/E firm. Under Division 2, Site Construction, we require erosion and sediment control as well as the control of other wastes. These requirements are site specific and are developed by the A/E firm for each project. The requirements are enforced and managed by the project manager of each construction project. If the requirements are not met, we impose corrective actions in order to bring the project back into compliance. Failure to comply with the contract requirements results in a breach of contract and is dealt with according to contract law.	
IV.B.4.b.6	Describe actions taken as a result of receipt and consideration of information submitted by the public.
Information from the public would be documented and evaluated by the University with a response provided after the evaluation. In 2011 the university did not receive any information or requests for information from the public.	
IV.B.4.b.8	Describe activities and actions taken as a result of referring to the State non-compliant construction site operators. The operator may rely on the Department for assistance in enforcing the provisions of the RIPDES General Permit for Storm Water Discharges Associated with Construction Activity to the MS4 if the operator of the construction site fails to comply with the local and State requirements of the permit and the non-compliance results or has the potential to result in significant adverse environmental impacts.
The University did not have any referrals to the State for assistance in enforcing any part of RIPDES General Permit for Storm water Discharge Associated with Construction Activity to this MS4 in 2011.	
Additional Measurable Goals and Activities	

SECTION II. A - Plan and SWPPP Reviews during Year 8 (2011) Part IV.B.4.b.2: Issuance of permits and/or implementation of policies and procedures for all construction projects resulting in land disturbance of greater than 1 acre.
IV.B.4.b.4: Review 100% of plans and SWPPPs for construction projects resulting in land disturbance of 1-5 acres must be conducted by adequately trained personnel and incorporate consideration of potential water quality impacts.

# of Construction Reviews completed: 4
Summary of Reviews and Findings, include an evaluation of the effectiveness of the program. Identify person(s) /Department and/or parties responsible for the implementation of this requirement. The Wellness and Fitness Center – This project involves the renovation of the old Roger Williams Dining Hall into a Wellness and Fitness Center. The plan was developed by Narragansett Engineering working under URI Capital Projects. Flagg Road Extension – This project includes the extension of Flagg Road across the existing turf farm where it will intersect with Plains Road near the Agronomy Building. Plans have been developed by Gordon Archibald working for URI Capital Projects and the plans have not been finalized. New Chemistry Building – This future project will include the construction of an 80,00SF Chemistry Building. Plans are being developed by Pare Associates working for URI Capital Projects and the plans have not been finalized. Facilities Parking Lot – Plan of improvement to the Facilities area parking lot is under DEM review.

SECTION II.B - Erosion and Sediment Control Inspections during Year 8 (2011) (Part IV.G.2.n) Part 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 (the program must include two inspections of all construction sites, first inspection to be conducted during construction for compliance of the Erosion and Sediment controls at the site, the second to be conducted after the final stabilization of the site).

# of Site Inspections: 2	# of Complaints Received:
# of Violations Issued: 0	# of Unresolved Violations Referred to RIDEM: 0
Summary of Enforcement Actions, include an evaluation of the effectiveness of the program. Identify person(s) /Department and/or parties responsible for the implementation of this requirement. Inspections were conducted at the College of Pharmacy and at the Hillside Dormitory projects which are still under construction.	

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

SECTION I. 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.

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

IV.B.5.b.5	Describe activities and actions taken to coordinate with existing State programs requiring post-construction storm water management.

Long term BMP maintenance schedules are required to be included as part of the approval process for new development. Maintenance schedules are developed in accordance to the Rhode Island Stormwater design and Installation Standards Manual.

IV.B.5.b.6	Describe actions taken for the referral to RIDEM of new discharges of storm water associated with industrial activity as defined in RIPDES Rule 31(b)(15) (the operator must implement procedures to identify new activities that require permitting, notify RIDEM, and refer facilities with new storm water discharges associated with industrial activity to ensure that facilities will obtain the proper permits).

There was not any new industrial activity at this MS4 in 20011. Therefore there were no referrals to the State for any new discharges of storm water associated with industrial activity.

IV.B.5.b.9	Indicate if the Post-Construction Runoff from New Development and Redevelopment Ordinance was **not** developed, adopted and submitted to RIDEM, explain reasons why, submit proposed schedule for completion and identify person(s) / Department and/or parties responsible for the completion of this requirement. **Date of Adoption:** If the Ordinance was amended in 2011 please indicate why changes were necessary.

The Post-Construction Runoff from New Development and Redevelopment Ordinance was not developed. The University does not have a mechanism to develop ordinances. The University owns the subject area and controls all activities on its property. The mechanism to ensure proper post construction erosion and sediment controls and control of other wastes post construction is also our “General Plans and Specifications” developed for and under the direction of the Office of Capital Projects by an A/E firm. Under Division 2, Site Construction, we require erosion and sediment control as well as the control of other wastes. Post construction requirements are included in the storm water prevention plans developed for each project by the A/E firm. The requirements are enforced and managed by the project manager of each construction project in conjunction with our own certified inspector. If the requirements are not met, we impose corrective actions in order to bring the project back into compliance. Failure to comply with the contract requirements results in a breach of contract and is dealt with according to contract law.

IV.B.5.b.12	Describe activities and actions taken to identify existing storm water structural BMPs discharging to the MS4 with a goal of ensuring long term O&M of the BMPs.

A list of BMPs was formulated in the Drainage Master Plan of 2006. In 2008, the list of BMPs was updated to include new BMPs since the Master Drainage Plan was developed. The procedure to add new BMPs as well as the associated maintenance requirements to the list will be an annual task for the Utilities Dept. Each year the University intends to update this list as new work is completed on campus. The University is currently inputting the BMP data into the ASIST database.

Additional Measurable Goals and Activities

SECTION II.A. - Plan and SWPPP Reviews during Year 8 (2011) Part IV.B.5.b.4: Review 100% of post-construction BMPs for the control of storm water runoff from new development and redevelopment projects that result in discharges to the MS4 which incorporates consideration of potential water quality impacts (the program requires reviewing 100% of plans for development projects greater than 1 acre, not reviewed by other State programs).

# of Post-Construction Reviews completed: 1
Summary of Reviews and Finding, include an evaluation of the effectiveness of the program. Identify person(s) /Department and/or parties responsible for the implementation of this requirement. The URI Utilities Dept conducted post construction plan review of the recently completed Landscaped project in the upper campus. No other projects were completed in 2011.

SECTION II.B. - Post Construction Inspections during Year 8 (2011): Parts IV.G.2.o and IV.B.5.b.10 Proper Installation of Structural BMPs: Inspection of BMPs, to ensure these are constructed in accordance with the approved plans (the program must include inspection of 100% of all development greater than one acre within the regulated areas that result in discharges to the MS4 regardless of whom performs the review).

# of Site Inspections: 1	# of Complaints Received: 0
# of Violations Issued: 0	# of Unresolved Violations Referred to RIDEM: 0
Summary of Enforcement Actions: None required	

SECTION II.C. - Post Construction Inspections during Year 8 (2011): Parts IV.G.2.p and IV.B.5.b.11 Proper Operation and Maintenance of Structural BMPs (Part) Describe activities and actions taken to track required Operations and Maintenance (O&M) actions for site inspections and enforcement of the O&M of structural BMPs. Tracking of required O&M actions for site inspections and enforcement of the O&M of structural BMPs.

# of Site Inspections: 12	# of Complaints Received: 0
# of Violations Issued: 0	# of Unresolved Violations Referred to RIDEM: 0
Summary of Activities and Enforcement Actions. Evaluate the effectiveness of the Program in minimizing water quality impacts. Identify person(s) /Department and/or parties responsible for the implementation of this requirement. The post construction inspections are performed in conjunction with BMP inspections by the URI Utilities Dept. The inspections provide a good mechanism to identify potential problems prior to major water quality impacts. Work orders are generated as a result of the inspections.	

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

SECTION I. OVERALL EVALUATION:

GENERAL SUMMARY, STATUS, APPROPRIATENESS AND EFFECTIVENESS OF MEASURABLE GOALS: **Include information relevant to the implementation of each measurable goal, such as activities and practices used to address on-going requirements, and personnel responsible. 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.6.b.1.i	Describe activities and actions taken to identify structural BMPs owned or operated by the small MS4 operator (the program must include identification and listing of the specific location and a description of all structural BMPs in the SWMPP and update the information in the Annual Report). Evaluate appropriateness and effectiveness of this requirement.
Initial identification of the structural BMPs was done in the 2006 Master Drainage Plan. In 2008 the Utilities Dept. started updating the list of BMPs. The list of maintenance activities are sent to the URI Control Center for regular scheduling of maintenance and inspection. In addition this info is being entered into the ASIST database. In 2011 the University updated the list with a significant addition of BMP's to the list.	
IV.B.6.b.1.ii	Describe activities and actions taken for inspections, cleaning and repair of detention/retention basins, storm sewers and catch basins with appropriate scheduling given intensity and type of use in the catchment area. Evaluate appropriateness and effectiveness of this requirement.
Catch Basin cleaning is performed each spring and early summer at areas known to require yearly cleanings. In 2011, the University had a total of 174 catch basins cleaned. The University inspected all of the catch basins during calendar year 2011. URI will continue to inspect 100% of the catch basins each year until our records can provide the require data to reduce the inspections. URI also removed sediment from the north end of Ellery Pond and a portion of White Horn Brook as allowed in the permit. The yearly inspections are an asset in identifying areas that need to be addressed. URI continued to enter this info into the ASIST database.	
IV.B.6.b.1.iii	Describe activities and actions taken to support the requirement of yearly inspection and cleaning of all catch basins (a lesser frequency of inspection based on at least two consecutive years of operational data indicating the system does not require annual cleaning might be acceptable). Evaluate appropriateness and effectiveness of this requirement. Total # of CBs within regulated area (including SRPW and TMDL areas): 755 Total # of CBs inspected in 2011: 755 Total # of CBs cleaned in 2011: 174
The University inspected 100% of the catch basins during 2011. The University continued entering the inspection results in the ASIST data base. The annual inspections entered into the data base will provide a handy tool to evaluate which basins and other areas need more frequent cleaning. Presently the University does cleaning of a number of catch basins that are known to require annual cleaning. The University uses the results of the yearly inspections to identify other catch basins that require cleaning.	
IV.B.6.b.1.iv	Describe activities and actions taken to minimize erosion of road shoulders and roadside ditches by requiring stabilization of those areas. Evaluate appropriateness and effectiveness of this requirement.

In 2011, the university worked in a number of areas to minimize erosion of road shoulders and sloped areas throughout the campus.
Additional Improvements were made to the lower end of the "Elephant Walk" adjacent to White Horn Brook. In this area a large area of paving was removed, new landscaping and fencing were installed to direct pedestrians to remain on walkways.
North of Roosevelt Hall an asphalt berm was added along the edge of walkways to reduce the erosion caused by water flowing down these walkways. After the berm was added the surrounding area was re-landscaped.
On the West side of Roosevelt Hall the roof leaders were extended to eliminate surface erosion in that area.
West of the Memorial Union, an asphalt berm was added on the edge of the parking lot to direct the roof and parking lot runoff to a new catch basin. This work eliminated a substantial amount of runoff that was eroding the hillside.
East of Butterfield Hall, a soil berm was installed to direct storm water to the catch basins and the catch basins in this are were modified to accept the flow. In addition the area was re-landscaped with sod.
West of Rodman Hall the roof leaders were extended to prevent erosion and east of Rodman Hall the roof leaders were connected into the closed drainage system.
East of the Fine Arts Complex, a soil berm was added and the area re-graded to cut down on erosion as well as to direct the pedestrians to remain on the walkways.
West of the Multi-Cultural Building, an impervious parking lot was removed and replaced with landscaping.
East of Tucker Hall was re-graded to eliminate a slope that was constantly eroding.
North of Butterfield Dining Hall, a soil berm was installed to direct storm water from eroding this area and direct pedestrians to remain on the walkways.
East of Tootell Gym, surface drainage was redirected to a swale to limit erosion on a slope.
Most roadways throughout campus have curbs to minimize erosion. Swales and ditches are also used to limit erosion of road side shoulders. Areas that have been disturbed by winter activities are repaired and seeded in the spring. Areas noted to be susceptible to erosion will be listed for possible curbing in the future. Un-needed walkways will be demolished to provide more pervious area. The University has been making a concerted effort to funnel pedestrian traffic to remain on walkways and have been trying to restrict pedestrian traffic from shortcuts across landscaped areas. Other areas that could be subject to erosion are being identified to be addressed in 2012. The effects of repaired areas are readily apparent with less eroded material accumulating in the roads and drainage system.

IV.B.6.b.1.v	Describe activities and actions taken to identify and report known discharges causing scouring at outfall pipes or outfalls with excessive sedimentation, for the Department to determine on a case-by-case basis if the scouring or sedimentation is a significant and continuous source of sediments. Evaluate appropriateness and effectiveness of this requirement.

During the annual inspection of outfalls, the outfalls are inspected for scouring and excessive sedimentation. Areas that are in need of repair are reported to the URI Control Center and a work order is generated.
Areas requiring work in 2011 include all outfalls into Ellery Pond and at all culverts along White Horn Brook. Four culverts along White Horn Brook were re-built and the adjacent outfalls were rebuilt with rip rap swales into the brook.
Brush and debris was also removed from the length of White Horn Book from Ellery Pond to West Alumni Ave and from Ellery Pond to Roger Williams Pond.
Brush and debris were also removed from the culvert where White Horn Brook crosses under Flagg Road.
The inspections of the outfalls are not only a requirement but provide a tremendous tool to identify potential storm water flow issues prior to a significant rain event.

IV.B.6.b.1.vi	Indicate if all streets and roads within the urbanized area were swept annually and if not indicate reason(s). Evaluate appropriateness and effectiveness of this requirement. Total roadway miles within regulated area (including SRPW and TMDL areas): _4_ Total roadway miles that were swept in 2011: _4___

All roadways and most parking lots are swept each spring to remove sand and sediment as a result of winter storms. Parking lots not swept such as porous pavement parking lots are vacuumed. Additional sweeping of roads also occurs just prior to commencement activities in May as well as needed throughout the year. The work is required not only for runoff concerns but as well as safety issues with bicycles and other modes of transport across campus and for general aesthetics. The sweeping of the roads is performed by outside contractors under the direction of the Lands and Ground Dept. The University uses only a limited amount of sand during the winter months.

IV.B.6.b.1.vii	Describe activities and actions taken for controls to reduce floatables and other pollutants from the MS4. Evaluate appropriateness and effectiveness of this requirement.

The vast majority of the floatables encountered was trash. During 2011 the University has again increased the number of trash receptacles and recycling containers throughout the campus to reduce floatables and trash from reaching White Horn Brook. The University continued to dedicate 5 part-time employees to work specifically on trash and recycling issues. This crew of employees is tasked to check all trash and recycling containers, cleanup spillage around the units, empty the small containers as well as pickup litter throughout the campus. Areas known for having litter problems such as the parking lots and areas adjacent to White Horn Brook have improved dramatically since the employees have been hired. Trash and recycled material are removed at least twice per week and as needed for special events. In the spring a cleanup event is scheduled to cleanup areas throughout the campus and especially along White Horn Brook and the nearby parking lots. In addition cleanup of areas is done by students doing community service volunteer work. The department has publicized publicize the reduced litter on campus and hope that the message will convince all members of the community to be more responsible with their trash. In 2011, additional employees were hired to staff the trash and recycling crews seven days per week.

IV.B.6.b.1.viii	Describe the method for disposal of waste removed from MS4s and waste from other municipal operations, including accumulated sediments, floatables and other debris and methods for record-keeping and tracking of this information.
Sediments removed from drainage structures and ponds (if tests indicate that they are acceptable) are re-used for fill projects throughout the campus. Trash and recyclable materials are trucked off campus. The URI Lands and Grounds Dept. and Utilities Dept. are responsible for this activity. Presently the amount of waste has not been estimated. As URI begins to track all data with the ASSIST data base, an estimate can be provided.	
IV.B.6.b.4 and IV.B.6.b.5	Describe and indicate activities and corrective actions for the evaluation of compliance. This evaluation must include visual quarterly monitoring; routine visual inspections of designated equipment, processes, and material handling areas for evidence of, or the potential for, pollutants entering the drainage system or point source discharges to a waters of the State; and inspection of the entire facility at least once a year for evidence of pollution, evaluation of BMPs that have been implemented, and inspection of equipment. A Compliance Evaluation report summarizing the scope of the inspection, personnel making the inspection, major observations related to the implementation of the Storm Water Pollution Prevention Plan, and any actions taken to amend the Plan must be kept for record-keeping purposes.
Quarterly monitoring and routing inspections of the URI Facilities Areas were conducted in 2011. A full inspection of the Facilities Services area of the campus was also performed and is documented in the evaluation report. URI has a SPCC Plan in place which was updated in 2010. This area is monitored on a regular basis and routine walkthroughs occur at least once a month.	
IV.B.6.b.6	Describe all employee training programs used to prevent and reduce storm water pollution from activities such as park and open space maintenance, fleet and building maintenance, new construction and land disturbances, and storm water system maintenance for the past calendar year, including staff municipal participation in the URI NEMO storm water public education and outreach program and all in-house training conducted by municipality or other parties. Evaluate appropriateness and effectiveness of this requirement.
As noted above URI personnel attended most of the training sessions offered in 2011. The University also requires the Facilities Dept staff to attend refresher courses on material handling and proper disposal annually. These courses are conducted by the URI Safety and Risk Dept. The annual refresher courses for the staff, is needed not only per regulations, but it is a useful tool to reinforce the reasons why the regulations are required.	
IV.B.6.b.7	Describe actions taken to ensure that new flow management projects undertaken by the operator are assessed for potential water quality impacts and existing projects are assessed for incorporation of additional water quality protection devices or practices. Evaluate appropriateness and effectiveness of this requirement.
RIDEM permitting will be required for all new flow management projects to assess water quality impacts. The University encourages infiltration and groundwater recharge be utilized in new projects and re-developments. The new College of Pharmacy, the Hillside Residence Hall, the Wellness and Fitness Center projects, the proposed new Chemistry Building, the proposed Flagg Road Extension and the proposed Facilities Area Parking Lot, are examples of projects following this requirement.	
Additional Measurable Goals and Activities	

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

BMP ID:	Location:	Name of BMP Owner/Operator:	Description of BMP:
BMP-01	Northwest of Independence Square and south of the intramural athletic fields	URI	Level Spreader
BMP-02	Ballentine Hall Detention Pond, north of Ballentine Hall	URI	Detention Pond
BMP-03	Butterfield Rd Sedimentation box; North of Hope Dining Hall	URI	Sedimentation Box
BMP-04	CBLS Rain Garden	URI	Rain Garden
BMP-05	North of CHI PHI Fraternity House, NW of Weldin Hall	URI	Detention structure, Stormceptor

BMP-06	NW of Coastal Institute	URI	Detention Pond
BMP-07	Culvert at Route 138 Crossing White Horn Brook	URI	Culvert
BMP-08	White Horn Brook Culvert at Fraternity Circle Footpath	URI	Culvert
BMP-09	White Horn Brook Culvert at Fraternity Circle	URI	Culvert
BMP-10	White Horn Brook Culvert East of Mackal Gym	URI	Culvert
BMP-11	White Horn Brook Culvert at Elephant Walk	URI	Culvert
BMP-12	White Horn Brook Culvert West of Dorr Hall	URI	Culvert
BMP-13	White Horn Brook Culvert West Alumni Avenue	URI	Culvert
BMP-14	White Horn Brook Culvert at Flagg Road	URI	Culvert
BMP-15	Culvert Crossing Plains Road just South of Central Receiving Warehouse	URI	Culvert
BMP-16	Dairy Barn Parking Lot; North of Meade Stadium	URI	Pervious Parking Surface
BMP-17	Eddy Hall Infiltration System	URI	Infiltration System for Roof Drainage
BMP-18	Ellery Pond	URI	Detention Pond
BMP-19	Flagg Road Parking Lot West detention Basin	URI	Detention Pond
BMP-20	Flagg Road Parking Lot East Detention Basin	URI	Detention Pond
BMP-21	Swale East of Heathman Road	URI	Swale
BMP-22	Merrow Hall Detention Area West of Merrow Hall	URI	Detention Pond
BMP-23	Plains Road Parking Lot	URI	Swales, Infiltration System
BMP-24	Plains Road Parking Lot	URI	Pervious Parking Surface
BMP-25	Ryan Center/Tootell Vortechnics Units	URI	Vortechnics
BMP-26	Swale North of Sherman Building	URI	Swale
BMP-27	Fraternity Circle Swale	URI	Swale
BMP-28	White Horn Brook	URI	Stream/drainage Conduit
BMP-29	Infiltration Systems at Wiley/Garrahy Halls	URI	Infiltration Systems
BMP-30	Hope Dining Hall Drainage	URI	CB/DMH & Piping Drainage system
BMP-31	Freshman Dorms Drainage System	URI	CB/DMH & Piping Drainage System
BMP-32	Wiley/Garrahy Drainage System	URI	CB/DMH & Piping Drainage System
BMP-33	Eddy Hall Drainage System	URI	CB/DMH & Piping Drainage System
BMP-34	Flagg Road Swale (North of Flagg Road)	URI	Swale
BMP-35	Plains Road Parking Lot drainage	URI	Drainage System

BMP-36	Campus Wide Catch Basins	URI	Drainage System
BMP-37	Campus Wide DMH's	URI	Drainage System
BMP-38	Campus Wide Street Sweeping	URI	Street Sweeping
BMP-39	Campus Wide Parking Lots Sweeping	URI	Parking Lot Sweeping
BMP-40	Flagg Road/Plains Road Catch Basins	URI	Drainage System
BMP-41	Coastal Institute Catch Basins	URI	Drainage System
BMP-42	Campus Wide Streets and Walkways	URI	Inspect on a regular basis for potential erosion issues
BMP-43	Campus Wide Outfalls	URI	Outfalls
BMP-44	Outfall Map	URI	Outfall Map
BMP-45	Independence Square Infiltration System	URI	Infiltration System
BMP-46	Roger Williams Detention Pond	URI	Detention Pond
BMP-47	Open Channel North of Hope Dining Hall	URI	Waterway
BMP-48	Open Channel South of Hutchinson Hall	URI	Waterway
BMP-49	Retaining Wall South of CBLS	URI	Erosion control measure
BMP-50	CBLS Green Roof	URI	Green roof
BMP-51	CBLS Stormceptor	URI	Sedimentation unit
BMP-52	Hillside Dorms Water Quality structures	URI	Sedimentation Units
BMP-53	Hillside Dorms Bio-retention Areas	URI	Bio-retention area
BMP-54	Infiltration Basin south of Baird Hill Road and West of Lower College Road	URI	Infiltration Basin
BMP-55	Bio-Retention Area North of College of Pharmacy	URI	Bio-Retention Area

SECTION II.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:
URI-001	Flagg Road	Sedimentation & Trash	Area Dredged rip rap was adjusted in July 2011;Trash	White Horn Brook
URI-008	White Horn Creek	Sedimentation & Trash	Sedimentation removed by backhoe in July 2011; trash removed	White Horn Brook
URI-011	West of Ellery Hall	Sedimentation &Trash	Sedimentation removed by backhoe in July 2011; Trashed removed	Ellery Pond
URI-012	East Of Tootell	Sedimentation & blocked outlet pipe	Sedimentation removed by backhoe when blocked pipe was replaced in December 2011.	Ellery Pond
URI-014	East of Keaney Gym	Sedimentation	Sedimentation removed as part of the culvert replacement project in July 2011	White Horn Brook

URI-015	West of Fayerweather Hall	Sedimentation	Sedimentation removed by backhoe in July 2011	Ellery pond
URI-016	West Of Fayerweather Hall	Sedimentation & Trash	Sedimentation removed by backhoe in July 2011; Trash Removed	Ellery Pond
URI-017	West of Eddy Hall	Sedimentation	Sedimentation removed by backhoe in July 2011	White Horn Brook
URI-025	Intersection of Fraternity Northerly and Westerly Roads	Sedimentation	Sedimentation removed by backhoe in July 2011	White Horn Brook
URI-027	Keaney Road at Fraternity (Northerly) Circle	Sedimentation	Sedimentation removed by backhoe in July 2011	White Horn Brook

SECTION II.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).

The University will continue to incorporate water quality BMPs and promote infiltration and groundwater recharge activities in new projects as applicable. The new College of Pharmacy and the Hillside Dormitory are examples where water quality BMP's are being used extensively. In 2012 a new Wellness and Fitness Center, the Flagg Road Extension and the new Chemistry Buildings will also incorporate BMP's that promote infiltration and recharge. Recent projects throughout the campus have included the use of infiltration areas to handle storm flow. Recent projects include the porous pavement parking lots, dormitory infiltration systems, rain gardens and green roofs.

SECTION II.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).

Dry weather survey date is attached to this report and has also been sent to DEM electronically.

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

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.

None at this time

SPECIAL RESOURCE PROTECTION WATERS (SRPWs)

SECTION I. In accordance with Rule 31(a)(5)(i)G of the *Regulations for the Rhode Island Pollutant Discharge Elimination System* (RIPDES Regs), on or after March 10, 2008, any discharge from a small municipal separate storm sewer system to any Special Resource Protection Waters (SRPWs) or impaired water bodies within its jurisdiction must obtain permits if a waiver has not been granted in accordance to Rule 31(g)(5)(iii). A list of SRPWs can be found in Appendix D of the *RIDEM Water Quality Regulations* at this link:
http://www.dem.ri.gov/pubs/regs/regs/water/h20q09a.pdf
The 2008 303(d) Impaired Waters list can be found in Appendix G of the *2008 Integrated Water Quality Monitoring and Assessment Report* at this link: http://www.dem.ri.gov/programs/benviron/water/quality/pdf/iwqmon08.pdf

If you have discharges from your MS4 (regardless of its location) to any of the listed SRPWs or impaired waters (including impaired waters when a TMDL has not been approved), please provide an assessment of the progress towards expanding the MS4 Phase II Storm Water Program to include the discharges to the aforementioned waters and adapting the Six Minimum Control Measures to include the control of storm water in these areas. Please indicate a rationale for the activities chosen to protect these waters. Please note that all of the measurable goals and BMPs required by the 2003 MS4 General Permit may not be applicable to these discharges.

N/A

RHODE ISLAND DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

Office of Water Resources

INSTRUCTIONS FOR THE RI POLLUTANT DISCHARGE ELIMINATION SYSTEM (RIPDES)
SMALL MUNICIPAL SEPARATE STORM SEWER SYSTEMS AND INDUSTRIAL ACTIVITY AT ELIGIBLE FACILITIES OPERATED BY REGULATED SMALL MS4s
ANNUAL REPORT FORM

WHO MUST SUBMIT AN ANNUAL REPORT:

Owners/Operators of regulated small municipal separate storm sewer systems (MS4s) and industrial activities authorized to discharge storm water under the Rhode Island Pollutant Discharge Elimination System (RIPDES) Storm Water General Permit for Small Municipal Separate Storm Sewer Systems and Industrial Activity at Eligible Facilities Operated by Regulated Small MS4s (hereafter referred to as "the General Permit"), must submit an Annual Report, outlined in Part IV.G of the permit. The Report must be submitted each year after permit issuance by March 10th to track progress of compliance. If you have questions regarding this Annual Report Form contact Margarita Chatterton of the Rhode Island Department of Environmental Management (RIDEM), Office of Water Resources, Permitting Section at (401) 222-4700 ext. 7605.

The Annual Report must be submitted to:

RIDEM
Office of Water Resources
RIPDES Program
Permitting Section
235 Promenade Street
Providence, RI 02908
ATTN: Jennifer Stout

INSTRUCTIONS FOR COMPLETION:

GENERAL INFORMATION PAGE:

"RIPDES Permit #"
Include your permit ID # to ensure proper tracking.

"Operator of MS4"
Give the legal name of the person, firm, public (municipal) organization, or any other entity that is responsible for day-to-day operations of the MS4 described in this application (RIPDES Rules 3 & 12). Enter the complete address and telephone number of the operator. Circle the appropriate choice to indicate the legal status of the operator of the MS4.

"Owner of MS4"
If the owner is the same as the operator do not complete this section. Give the legal name of the person, firm, public (municipal) organization, or any other entity that owns the MS4 described in this application (RIPDES Rules 3 & 12). Do not use a colloquial name. Enter the complete address and telephone number of the owner.

"Certification"
State and federal statutes provide for severe penalties for submitting false information on this application form. State and federal regulations require this application to be signed as follows (RIPDES Rule 12);

For a corporation: by a responsible corporate officer, which means: (i) president, secretary, treasurer, or vice president of the corporation in charge of a principal business function, or any other person who performs similar policy or decision making functions, or (ii) the manager of one or more manufacturing, production, or operating facilities, provided the manager is authorized to make management decisions which govern the operation of the regulated facility including having the explicit or implicit duty of making major capital investment recommendations, and initiating and directing other comprehensive measures to assure long term environmental compliance with environmental laws and regulations; the manager can ensure that the necessary systems are established or actions taken to gather complete and accurate information or permit application requirements; and where authority to sign documentation has been assigned or delegated to the manager in accordance with corporate procedures;

For a partnership or sole proprietorship: by a general partner or the proprietor;

For a Municipality, State, Federal or other public site: by either a principal executive officer or ranking elected official.

SECTION I- OVERALL EVALUATION OF BMPS AND MEASURABLE GOALS:

One or more pages, front and back, are provided to report on the status of measurable goals which have been developed to aid in the implementation of strategies, procedures, and programs used to achieve each of the six minimum control measures in Part IV.B of the General Permit. This section provides narrative space for a descriptive explanation and evaluation of the actions taken to satisfy each of the minimum control measures for the 2011 calendar year. Please type or print. If additional space is needed, modify as necessary. Please submit attachments to the appropriate minimum control measure following the format provided.

A Permit ID # has been provided, which refers to the part of the permit where you can find a listing or description of the required measurable goal.

Please provide a general summary of actions taken (implementation of BMPs, development of procedures, events, etc.) to meet the measurable goals of the minimum measure. **Be sure to identify parties responsible for achieving each measurable goal** and reference any reliance on another entity for achieving any measurable goal.

Describe whether each measurable goal was completed within the time proposed in the General Permit or your Storm Water Management Program Plan (SWMPP). Why or why not? Provide a progress report and discussion of activities that will be carried out during the next reporting cycle to satisfy the requirements of the minimum measures. If applicable, assess the appropriateness of the actions taken to meet the requirements of the minimum measure. In determining appropriateness, you may want to consider at a minimum the local population targeted, pollution sources addressed, receiving water concerns, integration with local management procedures, and available resources and violations or environmental impacts eliminated or minimized.

Also, discuss the effectiveness of the implementation of BMPs to meet the requirements of the minimum measure and the overall effectiveness of the minimum measure. Describe your progress towards achieving the overall goal of reducing the discharge of pollutants. Please include assessment parameters/indicators used to measure the success of the minimum measure. Also include a discussion of any proposed changes to BMPs or measurable goals.

After evaluation, it may be necessary to make changes or modifications to your Implementation Schedule if the time frame, appropriateness or effectiveness cannot be assured. If so, please include descriptions of changes or modifications, and detailed justification in the appropriate sections.

SECTION II- ADDITIONAL ANNUAL REPORT REQUIREMENTS

Section II refers to additional reporting requirements that the General Permit requires to be submitted to the Department as part of the Annual Report. Section II requirements apply to Minimum Control Measures 2 through 6.

Minimum Control Measure #2: Section II:
Specify the date of and how the annual report was public noticed. If a public meeting was needed, provide the date and place. Include a summary of public comments received in the public comment period of the draft annual report and planned responses or changes to the program (new or revised BMP's and measurable goals, partnerships, etc.). Be sure to attach a copy of your public notice (Parts IV.G.2.h and IV.G.2.i) to the Annual Report.

Minimum Control Measure #3: Section II.A:
Provide the number of illicit discharges identified in 2011, number of illicit discharges tracked in 2011, number of illicit discharges eliminated in 2011, complaints received, complaints investigated, violations issued and resolved with a summary of enforcement actions, number of unresolved violations that have been referred to RIDEM, the total number of illicit discharges identified to date, and the total number of illicit discharges remaining unresolved at the end of 2011. Include a short narrative describing the extent to which your system has been mapped (Part IV.G.2.m), and the total number of outfalls identified to date.

Minimum Control Measure #3: Section II.B:
List identified MS4 interconnections, including location, date found, operator of the physically interconnected MS4, and originating source of newly identified physical interconnections with other small MS4s. Also note any planned or coordinated activities with the physically interconnected MS4 (Part IV.G.2.k and IV.G.2.l).

Minimum Control Measures #4 & 5: Section II.A:
Identify the number of construction and post-construction plan and SWPPP reviews completed during Year 8 (2011) and any additional information. This includes, but is not limited to a summary of the reviews, responsible parties, and types of projects reviewed.

Minimum Control Measure #4: Section II.B:
Construction inspection information for erosion and sediment control should be submitted annually as stated in Part IV.G.2.n. Provide a summary of the number of site inspections conducted, inspections that have resulted in enforcement actions, violations that have been resolved and of those unresolved, referred to RIDEM.

Minimum Control Measure #5: Section II.B:
Post-construction inspection information for proper installation of post-construction structural BMPs should be submitted annually as stated in Part IV.G.2.o. This should provide a summary of the number of site inspections conducted, inspections that have resulted in enforcement actions, violations that have been resolved and of those unresolved, referred to RIDEM.

Minimum Control Measure #5: Section II.C:
Inspection information for proper operation and maintenance of post-construction structural BMPs should be submitted annually as stated in Part IV.G.2.p. This should provide a summary of the number of site inspections conducted, inspections that have resulted in enforcement actions, violations that have been resolved and of those unresolved, referred to RIDEM.

Minimum Control Measure #6: Section II.A:
As prescribed in Part IV.B.6.b.1.i of the General Permit, the MS4 operator must identify and list the specific location and description of all structural BMPs in the SWMPP at the time of application and update the information in the annual report.

Minimum Control Measure #6: Section II.B:
Part IV.B.6.b.1.v of the General Permit states to identify and report annually, as part of the annual report, known discharges causing scouring at outfall pipes or outfalls with excessive sedimentation. Include Outfall ID #, location, description of the problem, any remediation taken, and the ultimate receiving water body.

Minimum Control Measure #6: Section II.C:
As noted in Part IV.G.2.j of the General Permit, specify any planned municipal construction projects or opportunities to include water quality BMPs, low impact development, or seek to promote infiltration and recharge.

Minimum Control Measure #6: Section II.D:
Please include a summary of results of any other information that has been collected and analyzed. This includes any type of data, including, but not limited to, dry weather survey data (Part IV.G.2.e).

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

Section I:
Complete this section only if your MS4 is subject to an approved TMDL. TMDL requirements may require the implementation of the six minimum control measures to address the pollutants of concern, and/or additional structural storm water controls or measures that are necessary to meet the provisions of the approved TMDL. Be sure to identify the approved TMDL and assess the progress towards meeting the requirements for the control of storm water (Part IV.G.2.d).

Provide a progress report on the present status and discussion of activities that have been accomplished or will be carried out during the next reporting cycle to satisfy the requirements of the TMDL. If applicable, assess the appropriateness of the BMPs selected under each of the six minimum control measures to meet the requirements of the TMDL. In determining appropriateness, you may want to consider violations or environmental impacts eliminated or minimized.

Please include assessment parameters/indicators that will be used to measure the success of the selected BMPs. Also include a discussion of any proposed changes to BMPs or measurable goals.

SPECIAL RESOURCE PROTECTION WATERS (SRPWs)

Section I:
Complete this section only if your MS4, located outside Urbanized Areas or Densely Populated Areas, discharges to:
a SRPW as listed in Appendix D of the *RIDEM Water Quality Regulations* at this link:
http://www.dem.ri.gov/pubs/regs/regs/water/h20q09a.pdf
or
an impaired water body including water bodies with no approved TMDL as listed in Appendix G of the *2008 Integrated Water Quality Monitoring and Assessment Report* at this link:
http://www.dem.ri.gov/programs/benviron/water/quality/pdf/iwqmon08.pdf.
In accordance with Rule 31(a)(5)(i)G in the *Regulations for the Rhode Island Pollutant Discharge Elimination System* (RIPDES Regulations), MS4s were required to incorporate any discharges to these water bodies into their MS4 Program on or after March 10, 2008 unless a waiver has been granted in accordance with Rule 31(g)(5)(iii).

Provide a progress report on the present status and discussion of activities that have been accomplished or will be carried out during the next reporting cycle to incorporate these areas into the MS4's Phase II Storm Water Program.