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RIPDES SMALL MS4 ANNUAL REPORT GENERAL INFORMATION PAGE

RIPDES PERMIT #RIR0400025

REPORTING PERIOD: **YEAR 7**
Jan 2010-Dec 2010

OPERATOR OF MS4

Name: The Town of Jamestown			
Mailing Address: 93 Narragansett Ave			
City: Jamestown	State: RI	Zip: 02835	Phone: (401) 423-7193
Contact Person: Justin Jobin	Title: Environmental Scientist		
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

<p>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.</p>	
Print Name	BRUCE KEISER
Print Title	TOWN ADMINISTRATOR
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.
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Summary of The Town of Jamestown's Stormwater Education and Outreach Measures in 2010:

- * The Town continued to participate in the education and outreach measures that was made available by DEM, URI, and RIDOT.
- * The Town also continued to distribute the Storm Water Management Factsheet that was developed in 2009.
- * The Town, working with DEM, URI, and HEALTH, sampled approximately 80 private wells in the Jamestown Shores, for Nitrate Nitrogen. Factsheets explaining health effects and sources of elevated Nitrate levels were also provided to the residents with the sampling results. This program will continue in 2011 to help determine the cumulative effects of development on the Jamestown Shores Neighborhood.
- * The Town also began an illicit discharge inspection program for illegal sump pump and roof leader connections to the sanitary sewer system. Approximately 400 inspections were completed in 2010, which were aimed at reducing inflow and infiltration into the sanitary sewer system, which lead to sewer system overflows. This program has been successful and will continue until all properties connected to the sanitary sewer are inspected.

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.
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The Town has received education and outreach materials from the URI cooperative Extension & RIDEM. This material has been placed on the Town's Stormwater Management Webpage: www.jamestownri.net/ssm

Stormwater Factsheets were distributed with the Onsite Wastewater Mailing.

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 not required.)

Attendance at the following trainings if applicable:

Preview of the Draft MS4 General Permit – Public Education and Involvement Measures (03/12/2010)

Attending name of staff and title: Justin Jobin, Environmental Scientist

Preview of the Draft MS4 General Permit – IDDE and Pollution Prevention and Good Housekeeping Measures (04/09/2010)

Attending name of staff and title: Justin Jobin, Environmental Scientist; Michael Gray, Public Works Director

Preview of the Draft MS4 General Permit – Construction and Post-Construction Measures (07/08/2010)

Attending name of staff and title: Justin Jobin, Environmental Scientist

RI Stormwater Design and Installation Manual – Final Draft Informational Session (05/26/2010, **06/02/2010**)

Attending name of staff and title: Justin Jobin, Environmental Scientist

Institutionalizing Stormwater Education in Rhode Island (06/03/2010)

DID NOT ATTEND

Demonstration of the new ASIST Program Management Software (08/10/2010)

Attending name of staff and title: Justin Jobin, Environmental Scientist

Stormwater Education Training: Using the Enviroscape Model (11/03/2010)

DID NOT ATTEND

Rhode Island Regulatory Setbacks and Buffers (12/02/2010)

Mike Gray, DPW Director and Justin Jobin, Environmental Scientist both attended this class in 2008.

Other Trainings:

GIS Asset and Work Management Seminar - Friday, May 7th 2010

Attending name of staff and title: Justin Jobin, Environmental Scientist

RIGIS Eastern RI municipal GIS meeting - May 4th 2010

Attending name of staff and title: Justin Jobin, Environmental Scientist

Regulating Land Use in Wetland Buffers - March 26th 2010

Attending name of staff and title: Justin Jobin, Environmental Scientist; Lisa Bryer, Town Planner

ASIST TRAINING - September 15th 2010

Attending name of staff and title: Justin Jobin, Environmental Scientist

Rhode Island Flood Mitigation Association Annual Meeting - April 27th 2010

Attending name of staff and title: Justin Jobin, Environmental Scientist



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.
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Summary of audiences targeted for public involvement measures in 2010:

- * The Youth Litter Corp participate in shoreline cleanup and are effective at removing floatables.
- * Jamestown Shores residents were targeted for a groundwater quality study, and offered free Nitrate sampling of their well.
- * 400 residents connected to areas of the sanitary sewer system that are prone to SSO's were targeted for door to door illicit connection inspections.
- * Residents served by septic systems were targeted as part of the annual onsite wastewater management Program.

Additional Measurable Goals and Activities

- The DPW, Conservation Commission and the general public participate in streams and shoreline cleanup annually on earth day.
- The Town funds a youth litter corp which involves an educational program, recycling, and litter pickup
- The Audobon Society Conducts an annual public clean-up of the shoreline for the Swim-Across-The-Bay Program
- The Town Recreation Department provides trash barrels at public recreation areas and shoreline access points.
- The electronic waste recycling program, continues to be effective in reducing curb-side electronics and the leaching of harmful chemicals from electronics into stormwater.
- In 2010, The Town also began accepting batteries for recycling at the Transfer Station.

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

Date of Public Notice: 2-3-2011	How public was notified: The Jamestown Press (Notice Attached)
Was public meeting held? YES NO	
Date:	Where:
Summary of public comments received:	
Planned responses or changes to the program:	



**MINIMUM CONTROL MEASURE #3:
ILLCIT 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:
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An Outfall map was first created in 2006 and submitted with the 2006 annual report. This map was revised during the 2007 dry weather surveys and included with the 2007 annual report. We included the electronic submission of Outfall locations in the required excel format with the 2008 annual report.

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 2010 calendar year.
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The Town has chosen to GPS the outfalls in place of outfall tagging. The outfalls have been located using a Trimble GeoXT GPS receiver.

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.
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In 2010, The Town's vac-truck was out of order and the Town Mechanic spent a considerable amount of time repairing it. By the time the repairs were complete, staff were only able to inspect and clean a handful of "problem" catch basins.

The Town GPS'ed 277 catch basins prior to 2010. In 2010, The Town GPS'ed all 348 sanitary sewer manholes as part of EPA's CMOM Requirement. Due to limited resources and staff time, The Town was not able to GPS both sanitary sewer manholes and storm sewer catch basins in 2010. The Town will continue the annual inspection and cleaning of catch basins in 2011.

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 2010, please indicate why changes were necessary.
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IDE ORDINANCE WAS ADOPTED ON 12/6/2005 and SUBMITTED TO RIDEM WITH A SIGNED LETTER FROM THE TOWN SOLICITOR

ILLICIT DISCHARGE DETECTION AND ELIMINATION cont'd

<p>IV.B.3.b.5.ii, iii, iv, & v</p>	<p>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.</p>
<p>DPW Employees respond to all complaints, inspect the area, and notify emergency response if needed. A record of all illicit discharges reported is kept by the public works department.</p> <p>In 2010, Town staff began preliminary discussion about developing an online electronic complaint, comment, and ticketing system. This system may be developed in the coming years if funding is secured.</p>	
<p>IV.B.3.b.5.vi</p>	<p>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.</p>
<p>In 2010, The Town's vac-truck was out of order and the Town Mechanic spent a considerable amount of time repairing it. By the time the repairs were complete, staff were only able to inspect and clean a handful of "problem" catch basins.</p>	
<p>IV.B.3.b.5.vii</p>	<p>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. Date of Completion:</p>
<p>The Town completed two dry weather surveys in 2007 as required under this permit. In addition, a dry weather survey was completed in the Spring of 2008 and the Spring of 2009. The results were submitted to RIDEM electronically, as required in 2008.</p>	
<p>IV.B.3.b.7</p>	<p>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.</p>
<p>In 2009, The Town worked with RIDEM's Shell Fishing Program to map, identify, and sample the drainage networks discharging to Sheffield Cove and Dutch Harbor. This information was included as an attachment to the 2009 report. In 2010, The Town sampled outfalls discharging to Sheffield Cove and Dutch Harbor and this information was provided to RIDEM.</p>	
<p>IV.B.3.b.8</p>	<p>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.</p>
<p>There were no illicit discharges identified in 2010</p>	
<p>IV.B.3.b.9</p>	<p>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.</p>

ILLICIT DISCHARGE DETECTION AND ELIMINATION cont'd

The Town Engineer and Environmental Scientist are responsible for the implementation of this requirement. The Town has been participating in the Stormwater Education and Outreach Program offered by DOT and URI. The Highway Department maintenance garage properly stores and disposes of the materials generated. The Town has also received a website template from URI cooperative Extension that has been populated with information specific to Jamestown and Published to The Town's Website (www.jamestownri.net)

Additional Measurable Goals and Activities:

The Onsite Wastewater Management Program has been very effective in assuring that septic systems are properly operating and that they are maintained. There were 316 septic system service events completed in 2010.

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

# of Illicit Discharges Identified in 2010: 0	# of Illicit Discharges Tracked in 2010: 0
# of Illicit Discharges Eliminated in 2010: 0	# of Complaints Received: 0
# of Complaints Investigated: 1 in 2007	# of Violations Issued: 1 in 2007
# of Violations Resolved: 1 in 2007	# of Unresolved Violations Referred to RIDEM: 0
Total # of Illicit Discharges Identified to Date: 1	Total # of Illicit Discharges remaining unresolved at the end of 2010: 0
Summary of Enforcement Actions:	
There were no enforcement actions in 2010	
Extent to which the MS4 system has been mapped:	
Outfalls have been mapped as required. 277 drainage catch basins in the Phase II regulated area were located by GPS. In 2009, The Town assisted RIDEM's Shell Fishing Program to map drainage network components that discharge to Dutch Harbor, and Sheffield Cove.	
Total # of Outfalls Identified and Mapped to Date: 70	

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

The Town will work to identify interconnections and work with associated agencies. A list of interconnections will be included in future PHASE II Annual Reports.

Interconnection:	Date Found:	Location:	Name of 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. 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 2010 please indicate why changes were necessary.
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Article 5, Section 22 of The Jamestown Code of Ordinance was submitted to RIDEM with year 2 annual report in 2005.

IV.B.4.b.6	Describe actions taken as a result of receipt and consideration of information submitted by the public.
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No Information was submitted in 2010

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.
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The Building Official inspects construction sites to ensure that erosion controls are in place. 17 building permits for new construction were issued in 2010. If necessary the building official works with the Contractor and Homeowner to address all issues concerning runoff and / or erosion from construction sites. In 2010, There were no instances that warranted a notice or sanction to ensure compliance.

Additional Measurable Goals and Activities

SECTION II. A - Plan and SWPPP Reviews during Year 7 (2010) 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: No projects with land disturbance of greater than 1 acre in 2010

CONSTRUCTION SITE STORM WATER RUNOFF CONTROL cont'd

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.

SECTION II.B - Erosion and Sediment Control Inspections during Year 7 (2010) (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: 17

of Complaints Received: 0

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.

There were no enforcement actions in 2010. The Building Official is responsible for the implementation of this requirement.



**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.
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In 2010, RIDEM, RIDOH, URI, and The Town worked together on private well sampling to determine nitrate levels in the groundwater of the Jamestown Shores neighborhood.

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).
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There were no discharges of storm water associated with industrial activity identified in 2010.

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 2010 please indicate why changes were necessary.
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Post Construction Ordinance was adopted in year 2 of this program.

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.
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The Town will continue to identify BMP's as we develop our stormwater database in GIS.

The detention ponds in the West Reach and East Passage sub-divisions are annually inspected and maintained.

Additional Measurable Goals and Activities:

The high Groundwater Ordinance requires applicants to meet septic system design standards and to mitigate post-construction runoff for a 10-year storm. The Town is reviewing all of the plans for development within the Jamestown Shores. The area consists of pre-existing non-conforming lots with an average size of 7200 sf. The ordinance has been and effective means to mitigate increase in runoff by promoting the recharge of groundwater.

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

SECTION II.A. - Plan and SWPPP Reviews during Year 7 (2010) 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:
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.
9 applications were reviewed in 2010 for the High Groundwater Ordinance. 3 of these included new residential development in the Jamestown Shores. Applicants mitigated the increase in stormwater runoff for a 10-year storm utilizing infiltration devices such as rain gardens and shallow depression areas in landscaping. The Town Ordinance promotes the use of low impact development by recommending the use of rain gardens, pervious pavement, and other methods that promote infiltration.

SECTION II.B. - Post Construction Inspections during Year 7 (2010): 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: 0	# of Complaints Received: 0
# of Violations Issued: 0	# of Unresolved Violations Referred to RIDEM: 0
Summary of Enforcement Actions:	
No Post Construction Inspections in 2010	

SECTION II.C. - Post Construction Inspections during Year 7 (2010): 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: 0	# 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.	
No Enforcement Actions in 2010	



**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.
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There are two stormwater BMPs at the North Reservoir that were installed by the DPW in 2004, and 1 at the New Highway Facility constructed in 2009. These BMP's are inspected and maintained annually.

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.
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The DPW maintains the vegetation and grass within the detention ponds on a regular basis. In 2008 the DPW repaired the outfall structure to the one of the detention ponds at the reservoir.

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.
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The body of the Vac-Truck had to be rebuilt in 2010. Due to this, we were only able to clean-out a handful of "problem" catch basins.

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.
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In 2009, The Town of Jamestown purchased a new tractor and mower. Many of the streets were overgrown with large brush and trees including roadside ditches and trees. The mower and town crews annually remove the large vegetation so that the ditches can be properly maintained. We have been working to establish and maintain grassed vegetation along roadsides.

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.
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Outfall #90 is prone to sedimentation and routinely inspected and cleaned as needed.

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

All Town Maintained roads were swept in 2010. A street sweeping summary is attached to this report.

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.
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The Town continues to fund the Youth Litter Corp, during the summer months and fall weekends, nine part time staff, working 6 hour work days 4 days a week.

In 2009, The Youth Litter Corp and Conservation Team have removed 739bags of refuse and 215 bags of recycling., In addition, they continued the project to remove litter and brush removal at Taylor’s Point. There is also a project underway to trim bushes, shrubs, and install anti-litter signs along the Hull Cove Right-of-Way.

In 2010, The Town continued the E-waste recycling program and over 24 Tons of electronic waste was recycled.

In Fall of 2008, the Town constructed a new salt storage building at the site of the new DPW Facility. This an effective means at preventing sediment in runoff.

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.
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Sand and sediment is temporally stock piled at the Transfer Station on North Main Road. This pile is then annually disposed of at the Central Landfill as daily cover. In 2010, 505 Tons of sand and sediment was disposed of at central landfill.

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.
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The DPW supervisor conducts routine visual inspection of the garage to ensure equipment is properly maintained, and that all spills are properly dealt with, cleaned, and maintained.

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

The Town continues to assess potential water quality impacts from proposed development projects.

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:
Pond 1	North Main Road	The Town of Jamestown	Detention Ponds
Pond 2	North Main Road	The Town of Jamestown	Detention Ponds
Pond 3	West Reach Development	Privately Owned / Town Maintained	Detention Ponds
Pond 4	West Reach Development	Privately Owned / Town Maintained	Detention Ponds
Pond 5	East Passage Development	Privately Owned / Town Maintained	Detention Ponds
Pond 6	East Passage Development	Privately Owned / Town Maintained	Detention Ponds

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:
90	Westwind Drive	Prone to sediment accumulation	Inspected annually and cleaned last on 9/11/08 – not needed in 2010	Narragansett Bay

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).

No new construction requiring stormwater treatment, infiltration, and recharge are planned for 2010.

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).

Sampling Results from 2010 are attached to this report.



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.

No TMDL's Approved in Jamestown in 2010.

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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.

DRAFT



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 2010 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 2010, number of illicit discharges tracked in 2010, number of illicit discharges eliminated in 2010, 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 2010. 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 7 (2010) 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.