



RHODE ISLAND DEPARTMENT OF
ENVIRONMENTAL MANAGEMENT
Office of Water Resources

DEM USE ONLY

Date Received _____

RIPDES SMALL MS4 ANNUAL REPORT
GENERAL INFORMATION PAGE

RIPDES PERMIT #RIR040 ____-029 _____

REPORTING PERIOD:

☐ YEAR 8

Jan 2011-Dec 2011

OPERATOR OF MS4

Name: Town of West Greenwich			
Mailing Address: 280 Victory Highway			
City: West Greenwich	State: RI	Zip: 02817	Phone: (401) 392-3800
Contact Person: Jennifer Paquet	Title: Town Planner		
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: same			
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	<u>KEVIN A. BREENE</u>
Print Title	<u>TOWN ADMINISTRATOR</u>
Signature	<u>Kevin A. Breene</u>
Date	<u>3/7/12</u>



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.
------------	--

General activities for educating the community include the on-going distribution of the '10 Simple Things' pamphlet to new residents, updates to the storm water webpage, and informational posters hanging in the Town Planner's office--one for residents about what they can do to help prevent storm water pollution, and one for developers and contractors on maintaining construction site BMPs. Topics addressed by the '10 Simple Things' pamphlet include: feeding of waterfowl, picking up after pets, limiting fertilizer, proper disposal of household hazardous wastes, septic system maintenance, vehicle fluids, conserving water, how to get involved, and how to file a complaint. Also, the [Town's Storm Water Webpage](#) has links to or information on lots of topics and explains the importance of being aware of storm water pollution sources in an interesting way so that everyone can understand it.

In 2011, the Town Planner made arrangements with the URI Outreach Center to host their Residential Rain Garden Training Program and Demonstration site in West Greenwich. In addition to the Town Planner, URI Outreach Staff, and the training speakers, 28 people registered to take the class, ranging from Master Gardeners, MS4 Coordinators from other Towns, RIDEM staff, private landscape designers and contractors, and private engineers. In addition to providing training about Rain Gardens for these key people, the Rain Garden will continue to be used as a demonstration site for public education and outreach.

Implementation is on-going and will continue. These activities are all appropriate and will become more and more effective as the message continues to be repeated.

In July 2011, the Statewide Bacteria TMDL (Total Maximum Daily Load) was approved by the EPA. This TMDL includes water bodies in West Greenwich, with TMDLs for Frenchtown Brook, Nooseneck River, Breakheart Brook, and Phillips Brook. There was no Town initiated outreach specific to this TMDL in 2011, however, the Town Planner did attend a public meeting to learn more about it on June 29, 2011 at the Exeter Library.

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 WG Stormwater Pamphlet, which is also posted on the Town's Stormwater webpage, includes information on how to get involved, including contact information for the following: Pawtuxet River Watershed Council, Wood-Pawcatuck Watershed Association, URI's Watershed Watch, Save the Bay, and the Lake Mishnock Preservation Association. The Lake Mishnock Preservation Association is a local non-governmental organization that is actively involved in water quality issues for the Lake, and attracts others to be involved.

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:

☐ RI Stormwater Design and Installation Standards Manual: Workshop Part #1 - Manual Overview (January 13, 2011)

Attending name of staff and title: Jennifer Paquet, Town Planner

Attending name of staff and title: _____

☐ RI Stormwater Design and Installation Standards Manual: Workshop Part #2 - BMP Construction and Maintenance (January 19, 2011)

Attending name of staff and title: Jennifer Paquet, Town Planner

Attending name of staff and title: _____

☐ 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: Jennifer Paquet, Town Planner

Attending name of staff and title: _____

☐ 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: Jennifer Paquet, Town Planner

Attending name of staff and title: _____

☐ 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: ____(did not attend, but downloaded all the information that was posted on the website and read and understood it all)_____

Attending name of staff and title: _____

☐ 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: Jennifer Paquet, Town Planner

Attending name of staff and title: _____

Other Trainings: The Town Planner, Jennifer Paquet, also attended the following trainings related to stormwater:

- "Low Impact Development (LID) Site Planning and Design" at RIDEM on February 10, 2011
- "RI Statewide Bacteria TMDL" public meeting at Exeter Library on June 29, 2011
- "RI Residential Rain Garden Training" hosted in West Greenwich on October 27 & 28, 2011
- EPA Webinar: "Greening Local Codes and Ordinances- Updating Codes to Cultivate Green Infrastructure and Foster Sustainable Stormwater Management," December 13, 2011



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.
---------------	---

The Conservation Commission (responsible party), along with the local Lake Mishnock Preservation Association, actively engages volunteers to help out at the annual Earth Day Cleanup events. Over 200 people participated in 2011. The measurable goal is 'increased participation,' which has, in fact, been occurring, and is monitored with sign-in sheets, and documented in the Conservation Commission meeting minutes. Participation and/or sponsorship includes residents, local businesses, a local Boy Scouts troop, the Greene Charter School, the Water Resources Board, the RI Chapter of the New England Mountain Bike Association, and the Rhody Rovers Motorcycle Club. The particular pollutant targeted during the Earth Day Cleanup is litter. Also, the Lake Mishnock Preservation Association holds meetings and informs citizens in the area about pollution to the Lake. In the past, such information has included septic system maintenance and proper lawn fertilization. At their annual spaghetti dinner fundraiser in 2011, they provided flyers on pet waste and a sign-up sheet for discounted septic pumping for members.

Nothing specific to the Bacteria TMDL was targeted in 2011 for public involvement by the Town.

Also, the general public is targeted for participation in the MS4 Annual Report public hearing (responsible party- Town Planner). Notice of the hearing is advertised in the local paper, posted in the Town Hall and at the Library, and notice is also sent to local water resource groups. This is not an effective method to get people involved, as

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: February 17, 2012	How public was notified: Display Advertisement notice in the Kent County Daily Times, color notice was posted at Town Hall and in the Louttit Library, and on the Town's website. E-mail notice with link to draft report and Town's Stormwater Webpage sent to Wood Pawcatuck Watershed Association, Pawtucket River Water Authority, Lake Mishnock Preservation Association, Kent County Water Authority, and the RI Water Resources Board. A public view copy of the draft report was posted on Town Planner's door, in the Library, and on the website.
--	---

Was public meeting held? ☒ YES ☐ NO

Date: Monday, March 5, 2012

Where: at West Greenwich Town Hall

Summary of public comments received: A member of the Lake Mishnock Preservation Association reported that invasive milfoil tends to be concentrated in lush blooms at stormwater inlets to the pond, whether these be catchbasin outfalls or swales. A request was made to see if there is any funding to investigate what is causing this, so that it can be prevented from happening. I informed her that I will have the DPW guys pay special attention during catch basin cleaning in this area to see if there is anything suspicious, because maybe it can be addressed through the IDDE Ordinance. Lake Mishnock is not considered "polluted," though this designation unfortunately renders this lake ineligible for Non-Point Source Pollution Grants.

Planned responses or changes to the program: none



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: Completed May 4, 2009
-------------	---

Only outfalls in the urban area were mapped.

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.
------------	---

Outfalls were cataloged with GPS latitude and longitude, and photographs. This was completed in a previous reporting year.

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.
------------	---

GPS coordinates of additional elements (catch basins and outfalls) were taken in 2009 and were submitted with the 2008 report. The cataloging was performed during the January – April Dry Weather Survey. A map of the GPS coordinates was made using the software program that came with the GPS device. Together with the DPW's list of catch basin cleaning, this map can be used to help pinpoint pollution problem areas and vicinity sources; however none have been identified yet as a problem. To date, mapping of these elements has had no effect on water quality.

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: June 10, 2009
------------	--

If the Ordinance was amended in 2011, please indicate why changes were necessary.

No amendments have been made to the IDDE ordinance.

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.
-----------------------------	---

The Town's Stormwater Pollution program includes a process for handling complaints. Contact / Hotline number is provided on the [Town's Stormwater Web Page](#) and in the '10 Simple Things' pamphlet. The Town Planner has been identified as the contact person to receive and respond on complaints for illegal dumping, which includes coordination with the Director of Public Works and/or Building Official to investigate the complaint. The procedures are explained in the amended SWMPP. The Director of Public Works is the person / department responsible for following through under the authority of the IDDE ordinance.

ILLICIT DISCHARGE DETECTION AND ELIMINATION cont'd

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.
<p>The Dir. Public Works is responsible for implementing and documenting this task. During annual catch basin cleaning, all catch basins are inspected for damage, illegal connections, and suspicious fluids. This is an effective action for benefiting water quality, as evidence of any local contamination sources or nearby erosion/litter sources is likely to appear in the catch basins. So far, however, no evidence of contamination has been found.</p> <p>In 2011, the Director of Public Works had trouble with his computer and had to get a new one. He has reported that the spreadsheet that he used to track catch basin cleaning has been lost. A new spreadsheet has not been recreated yet.</p>	
IV.B.3.b.5.vii	<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. The EXCEL Tables must include a report of all outfalls and indicate the presence or absence of dry weather discharges.</p> <p>Date of Completion:</p>
<p>Both dry weather surveys were completed 2009 and were sent to RIDEM on May 4, 2009 and September 18, 2009. No flows were observed, as indicated on the Excel spreadsheet. Only outfalls in the urban area were surveyed.</p>	
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.
<p>No illicit discharges have yet been detected, therefore there has been no need for the Town to initiate coordination with another entity. No abutting physically interconnected MS4 operators have contacted the Town regarding cooperation regarding any illegal discharges. The DPW would be responsible for such coordination.</p>	
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.
<p>No non-stormwater discharges, that are not otherwise authorized, have been detected. The DPW is responsible for implementing this measure and for coordinating with the Town Planner.</p>	

ILLICIT DISCHARGE DETECTION AND ELIMINATION cont'd

IV.B.3.b.9	<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>
	<p>The DPW Employees did not have any specific training in 2011 related to illegal discharges or waste disposal. They have MSD sheets at the garage.</p> <p>The Town Planner (who is also the Town's recycling coordinator) also informs employees on a case by case basis about proper recycling and disposal of hazardous materials, which includes informing employees of what is hazardous and what can be thrown in the trash. For the past few years, a notice of the Eco-Depot schedule and the Eco-Depot brochure has been posted on the Town Hall bulletin board. The Eco-Depot brochure is very informative about unintentional stormwater pollution, what household hazardous waste is, and how to properly dispose of it.</p> <p>In 2011, the Greene Charter School held an e-waste recycling collection day in Town, which was posted on the Town's website and in the Town's electronic newsletter to resident subscribers. The school coordinated with Metech Recycling, a Certified e-Stewards recycler, to collect the materials.</p> <p>In 2011, the RI Residential Rain Garden Training hosted in West Greenwich (target audience statewide: public employees, landscape contracting and designing businesses) included a segment on Stormwater Pollution presented by Lorraine Joubert from URI Cooperative Extension RI NEMO Program, which discussed the problem and sources of stormwater pollution and gave examples of what can be done to help prevent this type of pollution, including public education and awareness, and Low Impact Development techniques and BMP's such as Rain Gardens. This is a very effective method of informing people of the hazards and sources of illicit discharges and improper disposal of waste, because it is an interesting topic to get people in the door first. After discussing with them the context of the big picture of water pollution, you can then show how Rain Gardens are one way to help achieve cleaner stormwater. It is a topic that helps stimulate interest about how to prevent stormwater pollution. During the next reporting cycle, I intend to use the demonstration site as an on-going educational tool, specifically to give a scheduled talk at the next Earth Day Event about the Rain Garden and about stormwater pollution sources around the household, and also to give a presentation at an upcoming televised Town Council meeting about the Rain Garden, its purpose, and to use that opportunity to educate the audience about the larger context of storm water pollution.</p> <p>The efforts taken to inform the general public about the hazards with illegal discharges and improper disposal of waste include the efforts previously mentioned under sections IV.B.1.b.1 and IV.B.2.b.2.ii. Specifically, the '10 Simple Things' pamphlet includes a section on minimizing the use of hazardous products and information about how to find out how to properly dispose of hazardous products. One of the ways that this pamphlet gets distributed is in a 'Welcome Packet' that is sent to all new residents. The information posted on the Town's Stormwater webpage includes a copy of the Town's Illicit Discharge Ordinance, and an electronic version of the '10 Simple Things' Pamphlet with live links to all the resources mentioned in the pamphlet. The information booth at the Land Trust Earth Day Event includes: a poster board cluing the visual observer to learn that proper disposal of hazardous household waste helps keep waterbodies clean, and handouts on proper disposal of, and how to determine what is, hazardous waste (EPA's Be Smart Poster, EPA's Sure Your Home is Clean flyer, URI's Water Quality Protection factsheets: Household Hazardous Products, and What You Can Do About Nonpoint Source Pollution). This booth also has another poster board about Composting and Recycling, which helps people understand how to properly dispose of wastes. (NOTE: I did not host this booth in 2011, but intend to keep using the Earth Day event for stormwater education.)</p> <p>The Town Planner also maintains a separate webpage on 'Recycling and Composting' which includes information about how to properly dispose of hazardous materials and e-waste, and gives links to the RI Resource Recovery Corporation's Eco-Depot, and Green Cleaning Recipes. The Stormwater Web Page and the Recycling Web page are now linked to each other, so that people can understand that clean water and proper disposal/recycling of wastes are related.</p> <p>In 2011, the Town Planner made arrangements with RIRRC to host another Eco-Depot in West Greenwich, scheduled for April 14, 2012. This is one way to help make it easier for people to properly dispose of household hazardous waste. Hopefully, it will be as successful as the one we held in 2009.</p> <p>In September of 2010, we received PODS at our Transfer Station for convenient collection of computers and tv's for proper recycling by RMG Enterprise.</p> <p>There is room for more work on this topic. For instance, I still intend to pursue (but did not achieve in 2011) the following:</p> <ul style="list-style-type: none">• Distribute stormwater pollution prevention awareness information to local auto salvage yards.• Consider including informative inserts in the property tax bill• Lead the DPW crew through the Rhode Island Storm Water Phase II Education and Outreach Project's, "Preventing Storm Water Pollution at Your Public Works Facility" modules <p>Additional Measurable Goals and Activities</p>

ILLICIT DISCHARGE DETECTION AND ELIMINATION cont'd

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

# of Illicit Discharges Identified in 2011: 0	# of Illicit Discharges Tracked in 2011: 0
# of Illicit Discharges Eliminated in 2011: 0	# of Complaints Received: 0
# of Complaints Investigated: 0	# of Violations Issued: 0
# of Violations Resolved: 0	# of Unresolved Violations Referred to RIDEM: 0
Total # of Illicit Discharges Identified to Date (since 2003): 0	Total # of Illicit Discharges remaining unresolved at the end of 2011: 0
Summary of Enforcement Actions: [none in 2011]	
Extent to which the MS4 system has been mapped: mapped catchbasins and outfalls in urban (Mishnock) section only.	
Total # of Outfalls Identified and Mapped to Date: 5 (numbered 1, 3, 4, 5, and 6)	

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:
There have been no interconnected systems found to date, though there are discharges from RIDOT in West Greenwich.					



**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.

Ordinance 79 Soil Erosion and Sediment Control was adopted on October 16, 2002. All construction sites (except for a single family house site) have to be reviewed by the Planning Board, in which case the [Land Development and Subdivision Regulations](#) must be followed. These regulations cover erosion and sediment control requirements (Article XIII Section H 4, page 82 and Article XIV Section B.page 103), and other wastes at construction sites (Article XIV C 5. pg.104).

IV.B.4.b.6	Describe actions taken as a result of receipt and consideration of information submitted by the public.
------------	---

There was no information submitted by the public in 2011 regarding construction site runoff controls.

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.
------------	---

There were no non-compliant sites referred to the State in 2011.

Additional Measurable Goals and Activities

CONSTRUCTION SITE STORM WATER RUNOFF CONTROL cont'd

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: 3 (not including single family house lot site plans)

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 Town Planner is responsible for coordinating plan review requirements and review by a consulting engineer for all construction projects, including some, but not all, single family residential house lots. The 3 plans that were submitted to the Planning Board were all prepared by a PE and were reviewed by a PE for the Town, and determined to have adequately prepared soil erosion and sedimentation controls. One of the projects had started construction without having submitted a plan to the Town, so a Cease and Desist was issued until such plan was submitted and approved.

It is very easy to review 100% of plans.

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: 1 (in 2011)

of Complaints Received: 0

of Violations Issued: 1

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.

(It should be noted that none of these projects are in the regulated area, nor do they have the potential to discharge to the MS4. They all contain volume and water quality BMPs on private property)

A Cease and Desist was issued on one of the sites that started construction without an approved plan. That project has since been reviewed, approved, and fully constructed and inspected, though the disturbance was less than one acre. The other two projects that were reviewed in 2011, were not ready for inspections in 2011. However, one has been inspected twice to date in 2012, having started construction without scheduling a pre-construction meeting. Litter and oil jugs were observed on the site and verbal comments were made to the developers that they need to clean up the site and properly dispose of the trash, which they had completed by the follow-up inspection. The other project should be inspected for erosion control measures now. Neither project is finished yet.



**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.
------------	--

Every construction project (with the exception of single-family residential house lots) has to be reviewed by the Planning Board, under the Land Development and Subdivision Regulations and the Zoning Ordinance. There is a required checklist which includes a section for information pertaining to 'wetlands' and another section pertaining to 'other permits from state or federal reviewing agencies.' All plans are made by professional engineers, and reviewed on behalf of the Town by a professional engineer. In general, these professionals know when state permits are needed, whether that be a wetland permit, RIPDES permit, NOI for construction under the General Permit, or UIC. Such requirements are often discussed at the Pre-application meeting for each application. The Town requires that Stormwater design follow the current RI Stormwater Design Manual. These permits are due at certain stages of review, and the application is incomplete without them. Sometimes the Planning Board grants Preliminary approval 'subject to' specific state permits, depending on the circumstances. Copies of State permits are required to be submitted to the Town prior to construction of any project. This process, including the requirement of submission of state permits at certain review states, is actually in the State Enabling Legislation for Land Development and Subdivision Review, which cross-references with the Zoning Enabling Legislation for Development Plan Review (formerly 'Site Plan Review'). The Town Planner is responsible for coordinating review of projects by the Planning Board and the consulting engineer, and ensuring that applications are complete or otherwise ready for review by the Board.

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).
------------	---

Same answer as IV.B.5.b.5

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 Town regulations on Post-Construction Runoff have been in place since at least 1993, and were amended in May 2008 to meet all of the remaining IV.B.5.b.9. requirements; however, they were finally submitted to RIDEM, along with the required letter from the Town Solicitor, in November of 2010.

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.
-------------	--

In 2009, all Town catch basins within the urban area (Mishnock) were catalogued. Associated swales and paved waterways were also mapped previously as shown on the Outfall Maps submitted with the 2008 Annual Report.

Additional Measurable Goals and Activities

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

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: 3

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.

These are the same three projects that were discussed under the Construction Site Runoff review in IV.B.4.b.2. The Town Planner is responsible for coordinating plan review requirements and review by a consulting engineer for all construction projects, including some, but not all, single family residential house lots. The 3 plans that were submitted to the Planning Board were all prepared by a PE and were reviewed by a PE for the Town, and determined to have adequately designed post-construction water quality and volume/peak flow control BMP's . One of the projects had started construction without having submitted a plan to the Town, so a Cease and Desist was issued until such plan was submitted and approved. The other two plans were also reviewed by RIDEM.

It is very easy to review 100% of plans.

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 (in 2011)

of Complaints Received: 0

of Violations Issued: 1

of Unresolved Violations Referred to RIDEM: 0

Summary of Enforcement Actions:

Of the 3 projects reviewed, only one has been completed. This project started construction (expansion of a parking lot on an existing site previously permitted through RIDEM Wetlands) without approval from the Town, and a Cease and Desist was issued. Plans were submitted for review, including stormwater calculations to ensure that the proposed changes to the site and the drainage design would be adequate to meet the current requirements, and that the existing detention pond would be able to handle any changes. Inspections occurred both during and after construction and were reported at the Planning Board meeting in the minutes.

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: 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.

The Town has not started inspecting drainage structures on private property, however we have started requiring 'Post Construction Storm Water Management and Maintenance Agreements' (copy of template attached) for privately owned drainage facilities, which are documents that get recorded separately from the O&M notes on the approved plan. This document has an easement provision for the Town to enter the property to inspect the facilities, and requires that the owner submit annual maintenance reports to the Director of Public Works.

As for Town-owned structural BMP's, other than catch basins, there is no tracking system for maintenance. The DPW inspects drainage infrastructure and cleans out sediment and/or makes repairs as needed.



**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.
--------------	---

In 2010, the Town Planner started making a list of the structural BMP's located within the urban area, based on the information from the tagging of the outfalls and the catch basin map, and using the DPW's list of catch basins that they use for documenting catch basin cleaning. While all the information is at hand, it is not in list form, therefore, this has not been completed yet. In 2010, the RIDEM sent the Town a Notice of Intent to Enforce non-compliance with the RIPDES permit for failure to submit this list. The Town Planner is responsible for this, with help from the Director of Public Works. We will try to complete this requirement in 2012. This measure of creating a list is not considered to be effective for achieving water quality.

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.
---------------	--

The Director of Public Works has reported for this annual report that all catch basins are inspected during the cleaning process which is done once a year in the spring. He noted that some areas in Town get cleaned twice. He personally checks basins, culverts, and runoff regularly throughout the year.

The response from our 2010 Annual Report is still applicable: In 2011, the Dept. of Public Works hired a contractor to go out with one of the DPW guys to clean all the catch basins. Cleaning of detention/retention basins gets done as needed while the workers are out in the field. During daily activities, cleaning and repairing of detention basins, catch basins, pipes, and swales occurs as needed by the Department of Public Works. On average each year, about 6 detention ponds need cleaning, refreshment of rip rap, repair of washouts, sediment removal, and/or loam and seeding. Inspections occur during daily activity to keep an eye on things while in the area, and as needed when a residents calls in with an issue. Visual inspections of catch basins also occur during street sweeping, not just during catch basin cleaning. Drainage infrastructure is monitored especially during rain events to ensure flow and is the best time, according to the Director of Public Works, to check if repairs or other maintenance are needed. The DPW just knows what areas need more frequent attention based on experience with the field activities above.

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): 29

Total # of CBs inspected in 2011: 290

Total # of CBs cleaned in 2011: 290

The Town does this anyway. In 2011, as they do every year, the Dept. of Public Works hired a contractor to go out with one of the DPW guys to clean all the catch basins. The Director of Public Works has reported that all the catch basins in the entire Town were cleaned once in 2011, and the ones in Mishnock were cleaned twice. They go down the road and check each catch basin as they go along, whether it needs cleaning or not.

POLLUTION PREVENTION AND GOOD HOUSEKEEPING IN MUNICIPAL OPERATIONS cont'd

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.
The Director of Public Works has reported for this report that Rip Rap is used on most areas to stabilize erosion. Some areas are loamed and seeded. Pipes are added for overflow from ponds to keep from eroding.	
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.
The Director of Public Works has reported for this report that he checks for these areas and takes appropriate action to fix or minimize any issues.	
It should be noted that during initial outfall mapping, and during the two 2009 dry-weather surveys, no scouring or excessive sedimentation were noticed at the outfalls in the urban area (Mishnock).	
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): _80+ (whole town, not just regulated area)_____	
Total roadway miles that were swept in 2011: 80+	
The area of Mishnock (urbanized area) was swept twice in 2011. (It gets swept twice a year.)	
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.
Grates have already been put on the openings to prevent trash from getting in.	
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.
The Director of Public Works has reported for this report that all waste removed from the basins has been stockpiled at the highway garage along with sweepings, which has been used to cap our landfill. Future sediment waste will be hauled to the Johnston Landfill.	
Trash and recyclable materials are brought to the Town's transfer station. Waste oil from the garage is stored in an Igloo and a vendor comes to dispose of it. There is no formal record keeping yet.	
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.
The Director of Public Works has reported for this report that this task has the same response as last year: Visual inspections of the DPW facilities occur almost daily, inside and out, but this is not recorded- it is just part of normal procedure. Once a week the Director of Public Works tours the facility giving full inspection, but no reports are made. The Town Planner has not yet made a spreadsheet for them to hang on the wall to make record keeping of this easier for the DPW. Insurance inspections of the facilities occur twice a year.	

POLLUTION PREVENTION AND GOOD HOUSEKEEPING IN MUNICIPAL OPERATIONS cont'd

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.
<p>There were no formal employee training programs in 2011. The Public Works Director has meetings with the workers to make sure things are disposed of properly and has procedures in place in case of spills, such as spill kits.</p> <p>The Town Planner wanted to lead the DPW guys through the "Preventing Storm Water Pollution at Your Public Works Facility" module, but did not get to it again in 2011. This training will be revisited in 2012.</p>	
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.
<p>There were no new flow projects in 2011, however, a previously designed drainage project was altered due to a timing issue, and will still flow into an engineered water quality basin. Flow management projects are evaluated on a case by case basis to see if there is an opportunity to direct the flow, which may or may not provide for water quality. The priority is to reduce erosion while getting water off the road for safety purposes. Most flow projects in WG are diversion of existing flow, and not accommodation for new flow.</p>	
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:
Not listed yet.			

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:
None				

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 municipal projects are currently planned.
--

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).

--



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.

The Town has not been notified that discharges from the MS4 require non-structural or structural storm water controls.

In 2011, the [RI Statewide Bacteria TMDL Core Document](#) was approved by EPA. This TMDL includes impaired water bodies that are in the Town of West Greenwich. Affected water bodies are the following (with hyperlinks to the individual TMDL's):

[Breakheart Brook](#) – Impervious cover 2.8%

[Phillips Brook](#) – Impervious cover 0.8%

[Nooseneck River](#) – Impervious cover 3.7%

[Frenchtown Brook](#) – Impervious cover 9.8%

Since all of these impaired water bodies are in a watershed area with less than 10% impervious cover, the source of the bacterial pollutants are not considered to be associated with stormwater. The TMDL's for these water bodies include statements such as, "as a general rule, impaired streams with watersheds having less than 10% impervious cover are assumed to be caused by sources other than urbanized stormwater runoff." "As it is assumed that stormwater runoff is not the major contributor of bacteria to Breakheart Brook based on the watershed's imperviousness, RIDOT, West Greenwich, and Exeter will have no changes to their Phase II permit requirements and no TMDL Implementation Plan (TMDL IP) will be required at this time."

The Town is encouraged to take actions to pertaining to the four other possible sources of the bacteria contamination as follows:

Malfunctioning Onsite Wastewater Treatment Systems (failing septic systems)- The Town is encouraged to institute a Waste Water Management Plan with an enforceable program to ensure that OWTS's are properly operating and maintained. Such a program was previously evaluated by the Town and it was determined to be a burden for the Town to run. Property owners are responsible to take care of their own systems. Septic Maintenance is addressed through the Town's Stormwater education and outreach program.

Waterfowl, Wildlife, and Domestic Animal Waste- The Town is encouraged to provide education and outreach pertaining to the importance of picking up and properly disposing of pet waste, and the importance of not feeding waterfowl. Wastes from these animals contains bacteria that, if not picked up and put in the trash, washes across the ground surface where it gets into the water network. Waterfowl (ducks and geese) should not be fed by humans because (aside from being unhealthy for the birds) it encourages them to stay in an area, which concentrates these wastes directly in a water body. Geese can be a problem in some areas. They are attracted to lawn or pasture areas surrounding an open water body. Allowing a vegetated buffer to grow back up around the edges of the water is a deterrent to the geese. A "Don't feed the Waterfowl" message is included in the Town's Stormwater education and outreach program.

Agricultural Activities – Agricultural producers are encouraged to work with RIDEM Division of Agriculture and the USDA Natural Resources Conservation Service (NRCS) to develop conservation plans for their property, particularly to ensure adequate stream buffers and proper containment of animals wastes, and to take measures to keep animals out of streams and wetlands. Development of BMP's such as grassed filter strips, manure storage facilities, etc. may be implemented, with possible funding help from these organizations.

Developed Area Stormwater Management – Runoff from impervious surfaces may contribute bacteria contaminated runoff into water bodies, however, watersheds with less than 10% impervious areas generally are not considered to have a significant source of polluted runoff. One way to help pinpoint the source of the contamination is to see if there are any dry weather flows at outfalls in the area of these contaminated water bodies. If dry weather flow is observed, it can be tested to see if it contains pollutants, and an investigation can be started under the Town's Illicit Discharge Detection and Elimination Ordinance to track the source of the contamination.

The above mentioned TMDL's will be posted on the Town's website to help further educate people about the importance of preventing stormwater pollution, show them the location of polluted water bodies in Town, and let them know what they can do to help prevent water pollution.



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.

No special resource protection waters in West Greenwich

and three-mile walk options. The Bridge goes through the historic center of the picturesque Colt State Park. The route through Narragansett walk highlights the poplar wall and coastline. Providence offers a mile walk through downtown, starting ending at the Rhode Island Convention Center. The three-mile route, which was two years ago, is especially popular with participants with MS who have limited mobility.

By participating in Walk MS, the Rhode Island will share a remarkable moment with more than 250,000 fellow walkers in more than 700 cities across the state. More walkers are needed. For details, register or donate, visit www.mswalk.org.

Blood Center sponsors Student T-shirt design contest

The Rhode Island Blood Center will host its third annual student T-shirt design contest, a recognition program to acknowledge the gifted artist and hundreds of student donors who donate blood three times a year.

According to a press release, the Rhode Island Blood Center's T-shirt contest is extremely popular among young adult donors and Blood Center employees.

Student artists of all ages throughout the area are encouraged to submit their designs by mail or on-line to the Rhode Island Blood Center by March 9. Entries will be reviewed by a panel of Blood Center employees, who will choose the winners. The final entries will be put on the center web-site and selected by a nationwide on-line secret ballot.

The winning design will be placed on T-shirts that will be mailed to all students under who donate three times between July 1, 2011 and July 11 and make one stop to give blood at a high school drive.

The winning artist will not only see their design on T-shirts worn throughout the state but will also be awarded an 8GB iPod.

TOWN OF WEST GREENWICH PUBLIC NOTICE for DRAFT 2011 STORMWATER PROGRAM ANNUAL REPORT

PUBLIC COMMENT PERIOD: February 17, 2012 until 4 p.m. March 6, 2012
PUBLIC HEARING: Monday, March 5, 2012 at 4:30 p.m. at Town Hall

The draft 2011 Phase II Stormwater Annual Report has been prepared in accordance with the Rhode Island Pollutant Discharge Elimination System (RIPDES) Program General Permit for Storm Water Discharges from Small Municipal Separate Storm Sewer Systems (MS4s) and from Industrial Activity at Eligible Facilities Operated by Regulated Small MS4s.

DATE OF THIS NOTICE: February 17, 2012

RIPDES PERMIT NUMBER:
RIR040029

Name and Mailing Address of Small MS4 Operator:

Town of West Greenwich
280 Victory Highway
WEST GREENWICH, RI 02817

Copies of the DRAFT Phase II Storm Water Annual Report may be obtained at no cost by visiting the Town's Stormwater webpage at: http://www.wgtownri.org/departments/planning/storm_water.php or by calling Jennifer Paquet, Town Planner at (401) 392-3800 x 121, or by visiting the Town Hall.

All records relating to this permit are available for review by the public. The administrative record containing all documents is on file and may be inspected, by appointment, at the Town Planner's office between 9:00 a.m. and 4:00 p.m., Monday through Friday, except holidays. Please visit the Town's Stormwater webpage for more information about the Stormwater Management Program.

A public hearing has been scheduled for Monday, March 5, 2012, at 4:30 p.m. in the Town Council Chambers, Town of West Greenwich Town Hall, 280 Victory Highway, West Greenwich, RI 02817, to consider the Town of West Greenwich Phase II Storm Water Annual Report.

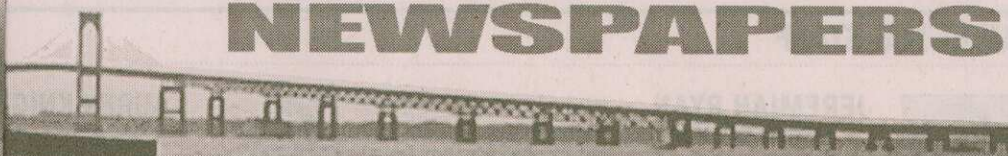
The Town of West Greenwich will provide interpreter services for the hearing impaired provided a request is received by the Town Clerk's office at 392-3800 three (3) business days prior to said hearing date.

Interested parties may submit written comments on the DRAFT Annual Report, amendments to the SWMPP, and the administrative record to the Town Planner by the close of the public comment period which ends 4:00 p.m., Tuesday, March 6, 2012. If, during the public comment period, significant comments are received concerning the DRAFT Annual Report or amendments to the SWMPP, the Town of West Greenwich will post a written response to comments on the Town's Stormwater webpage. The response will include the final 2011 Annual Report and identify what changes to the SWMPP have been made, if any.

Jennifer Paquet, Town Planner
Town of West Greenwich

SRI

SOUTHERN RHODE ISLAND NEWSPAPERS



THE LOCAL NEWS COVERAGE

central.com



**TOWN OF WEST GREENWICH
PUBLIC NOTICE for
DRAFT 2011 STORMWATER PROGRAM ANNUAL REPORT**

PUBLIC COMMENT PERIOD: February 17, 2012 until 4 p.m. March 6, 2012
PUBLIC HEARING: Monday, March 5, 2012 at 4:30 p.m. at Town Hall

The draft 2011 Phase II Stormwater Annual Report has been prepared in accordance with the Rhode Island Pollutant Discharge Elimination System (RIPDES) Program General Permit for Storm Water Discharges from Small Municipal Separate Storm Sewer Systems (MS4s) and from Industrial Activity at Eligible Facilities Operated by Regulated Small MS4S.

DATE OF THIS NOTICE: February 17, 2012

RIPDES PERMIT NUMBER: RIR040029

Name and Mailing Address of Small MS4 Operator: Town of West Greenwich
280 Victory Highway
WEST GREENWICH, RI 02817

Copies of the DRAFT Phase II Storm Water Annual Report may be obtained at no cost by visiting the Town's Stormwater webpage at: http://www.wgtownri.org/departments/planning/storm_water.php or by calling Jennifer Paquet, Town Planner at (401) 392-3800 x 121, or by visiting the Town Hall.

All records relating to this permit are available for review by the public. The administrative record containing all documents is on file and may be inspected, by appointment, at the Town Planner's office between 9:00 a.m. and 4:00 p.m., Monday through Friday, except holidays. Please visit the Town's Stormwater webpage for more information about the Stormwater Management Program.

A public hearing has been scheduled for Monday, March 5, 2012, at 4:30 p.m. in the Town Council Chambers, Town of West Greenwich Town Hall, 280 Victory Highway, West Greenwich, RI 02817, to consider the Town of West Greenwich Phase II Storm Water Annual Report.

The Town of West Greenwich will provide interpreter services for the hearing impaired provided a request is received by the Town Clerk's office at 392-3800 three (3) business days prior to said hearing date.

Interested parties may submit written comments on the DRAFT Annual Report, amendments to the SWMPP, and the administrative record to the Town Planner by the close of the public comment period which ends 4:00 p.m., Tuesday, March 6, 2012. If, during the public comment period, significant comments are received concerning the DRAFT Annual Report or amendments to the SWMPP, the Town of West Greenwich will post a written response to comments on the Town's Stormwater webpage. The response will include the final 2011 Annual Report and identify what changes to the SWMPP have been made, if any.

Jennifer Paquet, Town Planner
Town of West Greenwich

**POST-CONSTRUCTION
STORM WATER MANAGEMENT AND MAINTENANCE AGREEMENT**

This EASEMENT and MAINTENANCE AGREEMENT made and entered into this ____ day of _____, 2009 by and between the OWNERS OF LOT[S] [nos.] on Assessor's Plat [no], their successors and assigns, (hereinafter the "Landowners") and the TOWN OF WEST GREENWICH, RHODE ISLAND, it's successors and assigns (hereinafter the "Town"), a Rhode Island municipal corporation.

WHEREAS the Landowners are the owners in fee simple of Lots [Nos] on Assessor's Plat [no];
and

WHEREAS, Landowners have submitted a [SUBDIVISION PLAN/DEVELOPMENT PLAN/SITE PLAN] that provides for a surface and subsurface storm water drainage system; and

WHEREAS, the Planning Board of the Town of West Greenwich, has reviewed the proposed drainage plan and approved post-construction storm water maintenance plans in conjunction with a development application; and

WHEREAS, the Planning Board has indicated that the storm water drainage facility, as detailed in the plans prepared by [whom] and dated [what] is adequate, provided that Landowners provide the maintenance agreed to in the "Post-Construction Storm Water Maintenance Plan" approved on [date];
and

WHEREAS, pursuant to this Agreement, the Landowners, on behalf of themselves and their successors and assigns, are willing to bear the burden, financial or otherwise, of maintaining said storm water drainage system in perpetuity, as provided for in said plans and as herein set forth; and

NOW THEREFORE, IT IS HEREBY AGREED:

1. That the Landowners shall construct all improvements as set forth in the plans dated _____, 2009, by [name] for the [name of development project] as approved by the Planning Board.
2. That, in the event any changes or alterations are to be made to the detailed facilities which affect flow, capacity or locations, or the nature of the improvements, said changes are to be approved, in writing, by the Town Planner, and any such changes will be noted as to be in compliance with this Maintenance Agreement and the Management Plan.
4. That the Landowners, their successors or assigns, shall maintain, the storm water drainage system at their sole expense in accordance with *The State of Rhode Island Storm Water Design and Installation Manual* as amended. In addition, in accordance with RIDEM Phase II Storm Water requirements maintenance records shall be kept on-file by the Landowners and their successors or assigns, and an annual maintenance report shall be submitted to the Director of Public Works of the Town. The Landowners and their successors and assigns agree to indemnify and hold the Town harmless from any and all claims arising from injuries or damages arising from their negligence in the installation and maintenance of the storm water drainage system.
5. That, in the event the Landowners do sell, convey, or transfer its rights to any or part of the above described lands, the successors or successors in interest shall be responsible for the costs and maintenance of the storm water drainage facilities detailed on the approved plans prepared by [name], dated _____, 2009. Upon the sale, conveyance, or transfer of interest by Landowners, they shall notify

the Public Works Director of such transfer or conveyance, specifying the name and address of the successor in interest and the description of the lands conveyed.

6. That in the event that the storm water facilities maintenance is not conducted timely or properly, the Public Works Director shall notify the Landowners, their successors or assigns, specifying the necessary maintenance. Within thirty (30) days of the notice, the Landowners, their successors or assigns, shall perform the specified routine maintenance, at its expense. Within thirty-six (36) hours of notice, the Landowners, their successors or assigns, shall perform any specified emergency maintenance.

7. The Maintenance Obligations shall be the obligation of the Landowners, their successors or assigns, and the Town shall not be obligated or liable in any way for the Maintenance Obligations. Notwithstanding the foregoing, in the event that the Landowners, their successors or assigns, shall fail to maintain the drainage system or detention basin system, as aforesaid, the Town, at its option, may enter upon the premises and perform such maintenance of the drainage and detention basin areas as it deems necessary and in accordance with the requirements of the Maintenance Obligations and thereafter charge the Landowners, their successors or assigns, for the cost of such maintenance. The recording of a notice of any such charge with a copy of the charge in the Land Evidence Records of the Town of West Greenwich shall constitute a lien against said Lot or Lots until such charge is paid in full.

8. The Town shall be under no obligation to enforce the terms of this Agreement except as required by State law or local ordinance, provided, nevertheless, that the Town may, at its sole option, seek to enforce the terms, provisions, and conditions of this Agreement against the Landowners, their successors in title and/or assigns, including said Lot Owners, their heirs, successors or assigns; and any costs or expenses, including reasonable attorneys' fees incurred by the Town in preventing any violation or enforcing the terms of said Agreement, shall be recoverable by the Town from the parties in violation or others making wrongful use of the property.

9. In the event that a violation of these terms, conditions, or restrictions is found to exist, the Town, its successors or assigns may, upon notice to the offending party, institute an action in Providence Superior Court (or other Court of competent jurisdiction) to enjoin, by ex parte temporary and/or permanent injunction, such violation, to require the restoration of the property to its prior condition and/or for monetary damages and for breach of this Agreement, at the sole option of the Town. This Agreement shall be binding upon the Landowner, its successors in title and/or assigns and all persons making use or attempting to make any use of the subject property herein before described.

10. The Town, for itself, its successors and/or assigns shall have the right to enter the areas at all reasonable times for the purpose of inspecting the drainage structures to determine if the Landowners or their successors and/or assigns are complying with the terms, conditions, restrictions and purposes thereof.

11. The Landowners agree that the terms, conditions, restrictions and purposes of this Agreement will be incorporated by reference in any subsequent deed or other legal instrument which Landowners divest itself of either the fee simple title or any portion thereof, to or of Landowners' possessory interest in the subject property and shall include an affirmative obligation of the grantee therein to abide by the terms of this Agreement. Notwithstanding the foregoing, whether or not therefore is specifically stated in any conveyance of a lot made by the Landowners, the Owners by acceptance of this title thereto, or by taking possession thereof, covenants and agrees to abide by the terms of this Agreement.

IN WITNESS THEREOF, the said Landowners and the Town have caused their company and corporate seals, respectively, to be hereto affixed and these presents to be signed, acknowledged and delivered in their respective names and behalf by their duly authorized officers this ____ day of ____, 2009.

By: _____
Land Owners

Town of West Greenwich

COUNTY OF KENT

Notary Public

3