RHODE ISLAND DEPARTMENT OF
ENVIRONMENTAL MANAGEMENT
Office of Water Resources

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RIPDES SMALL MS4 ANNUAL REPORT

GENERAL INFORMATION PAGE

RIPDES PERMIT #RIR040 016

REPORTING PERIOD: ☒ YEAR 7
Jan 2010-Dec 2010

OPERATOR OF MS4

Name: CITY OF WOONSOCKET			
Mailing Address: 169 MAIN STREET			
City: WOONSOCKET	State: RI	Zip: 02895	Phone: (401) 767-9216
Contact Person: MIKE DEBROISSE	Title: SUPERINTENDENT - SOLID WASTE/ENGINEERING		

Legal status (circle one):
PRI - Private PUB - Public BPP - Public/Private STA - State FED – Federal
Other (please specify):

OWNER OF MS4 (if different from OPERATOR)

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

CERTIFICATION

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

Print Name Leo T. Fontaine

Print Title City Mayor

Signature [signature] Date 3/10/11

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

SECTION I. OVERALL EVALUATION:

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

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

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

IV.B.1.b.1	Provide a General Summary of activities implemented to educate your community on how to reduce storm water pollution. For TMDL affected areas, with storm water associated pollutants of concern, indicate rationale for choosing the education activity. List materials used for public education and topics addressed. Summarize implementation status and discuss if the activity is appropriate and effective.

The City relies on the Storm Water Education and Outreach Program in cooperation with URI to meet this measureable goal. The City continues to implement their storm water website (http://www.ci.woonsocket.ri.us/strm_wtr.htm) to educate the community on how to reduce storm water pollution. In general, the website describes the general permit requirements, provides a complaint form, and offers recommendations for low impact development. The school department incorporates environmental education into school curriculum. The Engineering Department is responsible for this measure. The City will continue to educate the community on how to reduce storm water in upcoming years as opportunities arise.

A copy of the City's response letter (dated January 26, 2011) to the DEM Notice of Intent to Enforce letter of November 3, 2010 is attached to this report.

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 City relies on the Storm Water Education and Outreach Program in cooperation with URI to meet this measureable goal. The City's website for storm water includes links to organizations that provide educational materials and public involvement opportunities. The City works with these groups to provide assistance with the events. As in past years, the City sponsored Earth Day cleanup events in Year 7 (described further under Minimum Control Measure #2). Also, in previous years the City developed a letter and brochure to distribute to businesses which describes proper maintenance of structural BMPs. This measure has been appropriate and effective. The City will continue to educate the community on how to become involved in the storm water program. The Engineering Department is responsible for this measure.

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: _____
Attending name of staff and title: _____

☒ Preview of the Draft MS4 General Permit – IDDE and Pollution Prevention and Good Housekeeping Measures (04/09/2010)
Attending name of staff and title: * see below
Attending name of staff and title: _____

☒ Preview of the Draft MS4 General Permit – Construction and Post-Construction Measures (07/08/2010)
Attending name of staff and title: * see below
Attending name of staff and title: _____

☒ RI Stormwater Design and Installation Manual – Final Draft Informational Session (05/26/2010, 06/02/2010)
Attending name of staff and title: * see below
Attending name of staff and title: _____

☐ Institutionalizing Stormwater Education in Rhode Island (06/03/2010)
Attending name of staff and title: _____
Attending name of staff and title: _____

☐ Demonstration of the new ASIST Program Management Software (08/10/2010)
Attending name of staff and title: _____
Attending name of staff and title: _____

☐ Stormwater Education Training: Using the Enviroscape Model (11/03/2010)
Attending name of staff and title: _____
Attending name of staff and title: _____

☐ Rhode Island Regulatory Setbacks and Buffers (12/02/2010)
Attending name of staff and title: _____
Attending name of staff and title: _____

* At least one member of the City of Woonsocket staff attended the indicated training events, either Mike Debroissse – Superintendent of Solid Waste/Engineering; or Scott Sanford – Civil Engineer.

Other Trainings:

- Woodard & Curran Stormwater Seminar (April 15, 2010)
- Camp Dresser & McKee – Stormwater Workshop (May 25, 2010)
- "Putting Stormwater In Its Place" (November 18, 2010)

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 City has several groups that are active in promoting clean water, including the schools and the Blackstone River Coalition. An Earth Day cleanup event was held in Year 7 at multiple locations within the city. Sponsored by the Engineering Department and open to the general public (including advertisement in *The Woonsocket Call*), this successful event involved the collection of trash and debris at and around the historic cemetery a Logee Street, Dunn Park on Mason Street, Costa Park on Fairmount Street, and World War II Park on Social Street.

In previous years, civic groups have completed storm drain stenciling. The City has also purchased stencils so that employees on light duty can conduct stenciling on an as-available basis. This measure has been appropriate and effective. The Engineering Department is responsible for this measure.

Additional Measurable Goals and Activities

The City of Woonsocket Solid Waste Division is actively sponsoring a Rain Barrel Program to encourage the public (e.g., homeowners) to reuse roof runoff for gardening, lawn watering, and other similar purposes. Further information regarding this program can be found at:

http://www.ci.woonsocket.ri.us/Rain_barrel_flyer.pdf

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 22, 2011	How public was notified: *The Woonsocket Call* (newspaper)
Was public meeting held? YES **NO**	
Date:	Where:
Summary of public comments received: No comments have been received.	
Planned responses or changes to the program: Not Applicable.	

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

SECTION I. OVERALL EVALUATION:

GENERAL SUMMARY, STATUS, APPROPRIATENESS AND EFFECTIVENESS OF MEASURABLE GOALS

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

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

IV.B.3.b.1:	Indicate if the outfall map was not completed, reasons why, proposed schedule for completion of requirement and person(s)/ Department responsible for completion. (The Department recommends electronic submission of updated EXCEL Tables if this information has been amended.) **Date of Completion: 2009**
A complete outfall map was developed during the dry-weather survey conducted in Year 3. Outfalls were GPS located for incorporation into the GIS database by Fuss & O'Neill. A GIS shapefile of outfall locations was provided in electronic format in the CD included with the Year 5 Annual Report. The required outfall Excel tables were provided on the CD accompanying the Year 6 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.
Outfalls were GPS located and tagging is not necessary.	
IV.B.3.b.3	Provide a summary of the implementation of recording of system additional elements (catch basins, manholes, and/or pipes). Indicate if the activity was implemented as a result of the tracing of illicit discharges, new MS4 construction projects, and inspection of catch basins required under the IDDE and Pollution Prevention and Good Housekeeping Minimum Measures, and/or as a result of TMDL related requirements and/or investigations. Assess effectiveness of the program minimizing water quality impacts.
The entire storm water system has been comprehensively mapped and been incorporated into a GIS database. This effort was completed through a contract with Fuss & O'Neill. This measure has been appropriate and effective in developing the City's mapping. The Engineering Department and hired consultant are responsible for this measure. No additional elements were recorded after the comprehensive mapping.	
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: March 21, 2005** If the Ordinance was amended in 2010, please indicate why changes were necessary.
The Woonsocket City Council formally adopted an "Illicit Discharge Detection and Elimination Ordinance" (Ordinance Chapter 7192) on March 21, 2005. A signed letter from the City's Solicitor attesting to this was provided to DEM in a letter dated February 19, 2007. No amendments to the Ordinance have been made to date.	
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.

These measurable goals were completed during the SWMPP development process prior to Year 1. Details regarding this are listed in the executive summary of the SWMPP. In addition to the information in the SWMPP, a complaint form is available to the public on the City's storm water website. Complaints received by the City are directed to the Engineering Department. The City Engineer and Construction Manager are responsible for the complaints. The procedure for removal of illicit discharges involves requiring the responsible party to cease discharging and address the situation within seven to ten days (depending on the type of discharge). If the illicit discharges are not addressed by the responsible party, the City has the authority to perform repairs and charge the responsible party for the cost and fines that they may have incurred. No complaints for illicit discharges were noted in Year 7. The effectiveness of this measure is yet to be determined.	
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.
Development of the procedure for this measurable goal was completed in the SWMPP development process. Catch basins are inspected and cleaned on a yearly basis in conjunction with street sweeping. Details regarding this are included in the executive summary of the SWMPP. City structures were inspected for illicit connections in Year 4, the findings of which were subsequently provided to DEM. The Storm Water Committee, Engineering Department, and hired consultant were responsible for procedure development and the Engineering Department is responsible for inspections and recordkeeping.	
IV.B.3.b.5.vii	If dry weather surveys including field screening for non-storm water flows and field tests of selected parameters and bacteria were not completed, indicate reasons why, proposed schedule for the completion of this measurable goal and person(s) / Department and/or parties for the completion of this requirement. Evaluate effectiveness of the implementation of this requirement. **The results of the dry weather survey investigations must be submitted to RIDEM electronically, if not already submitted or if revised since 2009, in the RIDEM provided EXCEL Tables and should include visual observations for all outfalls during both the high and low water table timeframes, as well as sample results for those outfalls with flow. Date of Completion: 2007**
Two dry-weather surveys were completed by Year 4. The surveys were completed by the City's consultant, Fuss and O'Neill. A report was prepared that included the results of both dry weather surveys. Results of the two surveys were provided in electronic format (shapefile) and were provided on the CD included with the Year 5 annual report. This information was also included in the Excel tables provided on the CD accompanying the Year 6 Annual Report. This measure has been appropriate and effective. The Engineering Department and hired consultant were responsible for this measure.	
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.
As no illicit discharges or connections have been detected in the vicinity of interconnections, the City has not needed to coordinate with interconnected MS4s, but has coordination procedures in place. The City has working relationships with neighboring MS4s; therefore, the procedures are appropriate and expected to be effective; however, the effectiveness has yet to be determined. The Engineering Department is responsible for this measure.	
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.
Procedures for referral were developed during the SWMPP prior to Year 1, with the process being put in place during Year 3. During Year 7 there were no unauthorized non-storm-water discharges that were deemed appropriate for referral to RIDEM. Since no unauthorized non-storm-water discharges have been deemed appropriate for referral to RIDEM, the appropriateness and effectiveness of this measure is yet to be determined. The Engineering Department is responsible for completion of this goal.	

IV.B.3.b.9	Provide a description of efforts and actions taken to inform public employees, businesses, and the general public of hazards associated with illegal discharges and improper disposal of waste, as well as allowable non-storm water discharges identified as significant contributors of pollutants. Include a description on how this activity was coordinated with the public education minimum measure and the pollution prevention/good housekeeping minimum measure programs. Identify person(s) / Department and/or parties responsible for the implementation of this requirement. Evaluate effectiveness of the implementation of this requirement.
The City intends to continue to subscribe to the Storm Water Education and Outreach Program for this training (see responses to Minimum Control Measure #1).	
Additional Measurable Goals and Activities	

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

# of Illicit Discharges Identified in 2010: 0	# of Illicit Discharges Tracked in 2010: 0
# of Illicit Discharges Eliminated in 2010: 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: 0	Total # of Illicit Discharges remaining unresolved at the end of 2010: 0
Summary of Enforcement Actions: No enforcement actions were required in Year 7.	
Extent to which the MS4 system has been mapped: 100% Total # of Outfalls Identified and Mapped to Date: 280	

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:
		State Roads	RIDOT		As required
			Town of Cumberland		As required
			Town of N. Smithfield		As required
			Blackstone, MA		As required
			Bellingham, MA		As required

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: September 20, 1993** If the Ordinance was amended in 2010 please indicate why changes were necessary.

The Woonsocket City Council formally adopted an "Erosion and Sediment Control Ordinance" (Ordinance Chapter 5803) on September 20, 1993. A signed letter from the City's Solicitor attesting to this ordinance's authority to carry out the applicable requirements of the RIPDES General Permit was provided to DEM in a letter dated December 1, 2010 and is provided as an attachment to this report.

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

The procedures for this measure were established during SWMPP development prior to Year 1. Public comments are received by the City Engineer, or another appropriate department at the City. No comments were received in Year 7. In previous years, this measure has been appropriate and effective in addressing public concerns about soil erosion and sedimentation control involving new development. The Engineering Department is responsible for this measure.

IV.B.4.b.8	Describe activities and actions taken as a result of referring to the State non-compliant construction site operators. The operator may rely on the Department for assistance in enforcing the provisions of the RIPDES General Permit for Storm Water Discharges Associated with Construction Activity to the MS4 if the operator of the construction site fails to comply with the local and State requirements of the permit and the non-compliance results or has the potential to result in significant adverse environmental impacts.

The procedures for this measure were established during SWMPP development prior to Year 1. Any site problems found by Engineering Department are directed to the Construction Manager for enforcement. The Engineering Department can close down and retract issued permits for any construction site found to be non-complaint. The Engineering Department has a list of State personnel that can be contacted for assistance with any non-compliant construction site operators. The City did not need to refer any non-compliant construction site operators to RIDEM in Year 7. The Engineering Department is responsible for this goal.

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: 2 (between 1-5 acres)
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 Engineering Department is responsible for this measure. Plan reviews were conducted for two proposed commercial developments (at Cass Avenue and Park East Drive), however the planning approval process for both projects is still ongoing.

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: 3 sites (min. 2 inspections each)	# 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. No enforcement actions were taken in Year 7. It is appropriate and effective to conduct erosion and sediment control inspections. The City's Engineering Department is responsible for 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.

The City requires that applicants receive state approvals before applications will be accepted and approved. Notwithstanding, the City does not plan to solely rely on state approvals and will continue to review plans for storm water management. As indicated on the City's Stormwater Management website (http://www.ci.woonsocket.ri.us/strm_wtr.htm), any development or redevelopment in the City of Woonsocket will now require the development and submittal of a Stormwater Management Plan (the requirements of which are consistent with the *2010 Rhode Island Stormwater Design and Installation Standards Manual*). It is appropriate to determine how plan review will account for state program review. Reviewing plans and referring applicants to the state when required has been effective. The Engineering Department is responsible for referring applicants for state reviews when applicable.

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).

The procedures for this measure were established during SWMPP development prior to Year 1. The Town Engineer requires new applicants to obtain state permits prior to approving new industrial discharges. Details regarding this are included in the executive summary of the SWMPP. It is appropriate and effective to refer new industrial discharges to the state. No new industrial discharges were reported in Year 7 and the effectiveness is yet to be determined. The Storm Water Committee, DPW, and City Council are responsible for this goal.

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: March 21, 2005** If the Ordinance was amended in 2010 please indicate why changes were necessary.

The Woonsocket City Council formally adopted a "Post Construction – Storm Water Control Ordinance" (Ordinance Chapter 7193) on March 21, 2005. A signed letter from the City's Solicitor attesting to this ordinance's authority to carry out the applicable requirements of the RIPDES General Permit was provided to DEM in a letter dated December 1, 2010 and is provided as an attachment to this report.

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.

Existing BMPs have been identified, and new BMPs are added to the inventory as the City issues occupancy certificates. No new BMPs were identified in Year 7. This measure has been appropriate and effective. The Engineering Department is responsible for this measure.

Additional Measurable Goals and Activities

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: 0
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. As no applicable construction projects were completed within the City in 2010, no such post-construction reviews were completed in Year 7. It is effective to review 100% of post-construction BMPs for the control of storm water runoff from new development and redevelopment projects. The Engineering Department is responsible for implementation of this requirement.

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: As no applicable construction projects were completed within the City in 2010, no such post-construction inspections were conducted in Year 7. No enforcement actions were required in year 7.	

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: 2	# 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. A list of BMPs inspected in Year 7 (one City-owned, one privately owned) is provided as an attachment to this Annual Report. No enforcement actions were taken in Year 7. It is effective to conduct post-construction inspections for proper operation and maintenance of structural BMPs. The Engineering Department is responsible for this measure.	

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.

The DPW has identified structural BMPs and adds new BMPs when the City takes ownership. No new BMPs were transferred to or installed by the City in Year 7. A list of structural BMPs within the City limits and their respective owners is provided as an attachment to this Annual Report. This measure is appropriate and effective. The Engineering Department is responsible for the completion and implementation of this goal.

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 City aims to inspect and maintain BMPs annually or more frequently if determined to be necessary. A list of BMPs inspected in Year 7 (one City-owned, one privately owned) is provided as an attachment to this Annual Report. Due to turnover within the Public Works Department and a staff shortage in the Engineering Department (currently reduced to two staff members and without clerical/administrative support), employees were not able to inspect / clean all BMPs in Year 7. BMPs not owned by the City are inspected by the City. The City then sends a letter to BMP owner of record which identifies corrective actions needed. The City conducted maintenance on one City owned BMP in 2010. The City plans to continue BMP inspections in the upcoming year. Inspection and maintenance of the City's BMPs is appropriate and effective. The Engineering Department is responsible for inspections and maintenance.

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.

The City has developed an annual catch basin cleaning program. A summary of the program was attached to the Year 3 annual report. The program consists of cleaning the catch basins using a grid system to track the catch basins that have been cleaned. Certain portions of the City, specifically the low-lying areas of the developed portions of the City are cleaned more regularly. A map showing catch basins inspected and cleaned is attached with this annual report. Due to turnover within the Public Works Department and a staff shortage in the Engineering Department (currently reduced to two staff members and without clerical/administrative support), employees were not able to inspect and clean all catch basins in Year 7 (approximately two thirds of the city area was inspected – see Map). Beginning in 2010, the Department of Public Works has been actively recruiting for an intern to assist with this and other tasks, but has thus far been unable to secure an individual for this position. A combined 1,864 tons of material was collected through the street sweeping and catch basin cleaning activities in Year 7. The Engineering Department is responsible for the completion of this goal.

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.

This measurable goal was completed in the SWMPP development process. In the City, most of the roadways are curbed and have sidewalks. Any roadway with a shoulder or ditch in need of repair is immediately addressed. It is usually a property owner or municipal employee that notifies the Engineering Department of a problem. Inspections during road work by municipal employees are an appropriate way of observing any erosion of road side shoulders and ditches. Erosive conditions that are found are treated with loam and seed. No repairs to road shoulders and roadside ditches were made in Year 7. Erosive conditions will be corrected when discovered, which is effective in preventing further erosion. The DPW is responsible for the completion of this goal.

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.
No evidence of scouring or excessive sedimentation was determined in Year 7. The system mapping previously described included an initial inspection of outfalls to create a priority list for future years. The DPW is responsible for the completion of this goal.	
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.
The City committed to the measurable goal of sweeping all municipal streets in the submitted SWMPP. Presently, all City streets are cleaned at least once a year based on the City's grid system (see attached map). Street sweeping is typically conducted at the same time catch basin cleaning and inspections occur. In Year 7, street sweeping occurred in late spring (April, May, June) and in late fall (October, November, December). All streets in the City were swept at least once, with the downtown area swept more frequently. A combined 1,864 tons of material was collected through the street sweeping and catch basin cleaning activities in Year 7. All waste material is disposed of by the Rhode Island Resource Recovery Corporation. The DPW is responsible for the completion of this goal.	
IV.B.6.b.1.vii	Describe activities and actions taken for controls to reduce floatables and other pollutants from the MS4. Evaluate appropriateness and effectiveness of this requirement.
The City currently requires that all new and redevelopment projects include installation of catch basin hoods. The City evaluates the need for retrofits as funds become available and targets priority areas. Catch basin inlet grates are cleaned when catch basins are inspected or when municipal employees report a need for cleaning. The annual catch basin cleaning program and street sweeping program includes removal of floatables. Floatables are also collected by Woonsocket's Routine Litter Patrol setup by the Highway Department during daily litter pickup activities. Trash cans are provided at frequented pedestrian areas including Main Street and the RIPTA bus stops. The DPW is responsible for the completion of this goal.	
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 City continues to dispose of waste in accordance with applicable state requirements. Additionally, the City runs a citywide recycling program. Information on citywide recycling is available on the City's website.	
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 general permit requires that municipally owned facilities with storm water discharges associated with industrial activity, implement a site specific storm water pollution prevention plan (SWPPP). There is one municipally owned industrial facility with a site specific SWPPP in Woonsocket, which is the Highway Garage. Regular inspections of this facility are performed by members of the Highway Department. This is an appropriate and effective measure for ensuring that municipally owned industrial facilities are not polluting the City's storm water system. The DPW is responsible for this measurable goal. No significant corrective actions were recorded in Year 7, although minor preventative maintenance was performed.	
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.
The City plans to rely on the Storm Water Education and Outreach program for training needs in future years. The current program was evaluated as part of the SWMPP development process. Details regarding this are included in Section 9.0 of the SWMPP and the Response to Comments. Additionally, the City is a member of the Rhode Island Public Works Association, which offers free training to DPW employees on various issues. The City plans to utilize this Association for training in future years as opportunities arise. It is appropriate and effective to train municipal employees. The DPW is responsible for this goal.	
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.

The City will evaluate and formalize the current procedures and develop new procedures as necessary to assess flow management projects for potential water quality impacts. Currently, flow management is addressed during the site plan review process as part of the drainage review for proposed projects. It is appropriate and effective to assess flow management projects during planning stages of municipal projects. The DPW is responsible for the completion of this goal.
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:
See attached list			

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 identified				

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

The City anticipates that its upcoming road paving/reconstruction projects will incorporate BMPs to the best extent practicable, including storm water infiltration practices.

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.

No waters in the City have approved TMDLs for storm water.

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.

As depicted on the map provided in Appendix J of the DEM Regulations for the Rhode Island Pollutant Discharge Elimination System, the entire limits of the City of Woonsocket are designated as an Urbanized Area.

There are no Special Resource Protection Waters (SRPWs) located within the City of Woonsocket to which the City's MS4s discharge (Appendix D, RIDEM Water Quality Regulations). The Woonsocket Reservoir #1 and #3 waterbodies are included in the SRPW list, however these are indicated as being located in North Smithfield.

Three waterbodies in Woonsocket are designated as impaired waters in the DEM Final 2008 303(d) List of Impaired Waters: Mill River (RI0001003R-03), Peters River (RI0001003R-04), and the Blackstone River (RI0001003R-01A). None of these waterbodies currently have approved TMDLs. The City's SWMPP has and will continue to protect these resources to the best extent practicable through continued compliance with and further development of the six minimum control measures as described in this Annual Report.

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.

Guitar class at Davies has no strings attached

By JON BAKER

LINCOLN - Benjamin Pelletier couldn't believe his good fortune when he happened by a flier posted inside the William M. Davies Jr. Career & Technical High School one day last November.

It asked any student interested in building his or her own electric guitar - and learning how to play it - to register for the extracurricular program sponsored by the school.

"I couldn't believe it," grinned Pelletier, a Davies Tech sophomore who hails from Pawtucket, as he held a headstock created by his own hands. "I at first thought there might be a catch, but there wasn't. I always wanted to learn how to play the guitar, and I had been looking for a hobby.

"I've always liked music, and I thought it'd be pretty cool," he added. "I know very little about playing, but now I've got the chance to learn."

Pelletier and 14 other students took to the Davies' Construction & Building Trades room - or woodshop - on Wednesday afternoon, putting the finishing touches on their own electric guitar's neck and/or body, doing so with steely determination.

There were no jokes being bandied about, or kids fooling around; instead, they seemed steadfast in their quest to construct a fine piece of musical equipment.

When asked how many students responded to the aforementioned fliers, DiFazio laughed, "They had applications in the main office, and it filled up in one day. We had about 40 kids sign up, and we could've had more, but we felt we could handle only 15 per session. That's why we're having two sessions," the second to begin Thursday, March 24.

The "We" in which DiFazio referred came in the form of Bill Esser, a long-time "Construction & Building Trades" instructor at Davies. While DiFazio knew all about the electronics and musical elements, he needed Esser's expertise and talents in wood choices, cutting, sanding and finishing aspects.

"You know, I was just talking to somebody today about things we do in this building," he stated. "If someone wants something done and needs someone's help, the answer is always 'Yes,' because we're on the same team. When AJ gave me the idea about integrating disciplines across the shops' spectrum, I told him, 'Of course, I'll help.'

"I thought it was unique. I knew I could help, so was going to; anything that crosses curricula and integrates different aspects of education is interesting. Obviously, the kids thought so."

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Actually, the idea of such an extracurricular activity came to Al DiFazio, the school's Electronics teacher, one day last summer.

"I was reading a magazine, and I saw a kit regarding building your own electric guitar in it," explained DiFazio, who still jams with old high school buddies at his Johnston home, and who had always adored playing the piano, organ and guitar. "It got me to thinking, 'Why not offer this to our kids? I should take this a step further.

"I've got a passion for music, so I figured, 'What a great way to get a student interested in music and develop a love for it!'" he continued. "I know a couple of universities offer this for college credit - Purdue (University in West Lafayette, Ind.) for one - but I had to mold the curriculum to a high school level."

DiFazio brought his notion to Davies Tech Director Victoria Gaillard-Garrick, and she immediately raved about it, as the program would provide the kids with hands-on exposure to technically-related experiences.

The curriculum also satisfies various skills labeled under the "STEM" standards - that's an acronym for science, technology, engineering and mathematics.

"Those are the same standards (former Rhode Island) Gov. Don Carcieri and (current Gov.) Lincoln Chafee supported, as well as the Rhode Island Department of Education (RIDE)," DiFazio noted. "We're reflecting core-content subject matter in an after-school activity.

"Still, the students had to qualify to participate, just like they would for a sport or any other extracurricular program," he added. "They needed to pass all of their academic courses ... It's a pilot program right now, but the school (the administration) is working on criteria to qualify this for graduation credit."

During the "Build and Learn to Play Your Own Electric Guitar" after-school activities program at Davies this past Wednesday, Building Tech instructor Bill Esser shows sophomore Styles Vazquez of Central Falls how to smooth out the low spots.

Prior to the first session's start, DiFazio built his own guitar so he could estimate the time it may take a student. Naturally, he added an hour or two, just in case someone ran into a problem. His experiment indicated the total building time at 12 hours, with the music theory period lasting eight.

The initial 20-hour installment began on Jan. 5, and was scheduled to close on March 16, as the students were supposed to have met every Wednesday afternoon from 2:30-4:30.

The seemingly constant snowstorms and resulting school cancellations, however, set it back. That's why DiFazio and Esser had to squeeze in a pair of Thursday classes.

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In that first class, DiFazio delivered a syllabus to each teen and explained the guitar's history and basic music principles; the next dealt with guitar body and neck styles and the importance of "tolerances;" and, the third, the science and physics of fret boards and body styles.

"The students learned about basswood, what the body is made of, and we told them native Americans used it to make rope," DiFazio offered. "The frets are made of rosewood. They shaped their own headstock, which adds individuality; it's the signature piece to one's guitar. We'll be getting ready soon to install the pick-ups, which are like little microphones.

"I'll teach them about the principles behind electromagnetism, so they can relate it to those pickups," he continued. "We're also going to teach them how to tune their guitars, and the notes, how pressing each fret results in a particular note. They then can build on it."

DiFazio mentioned each student made their guitars to their liking - they get to choose how to cut the headstock, the color, amount of decals, etc. - so all will be rather different.

"It's a fun idea, but it's also about learning how its construction relates to science, technology, engineering and math," he said. "Math enters into it when we're teaching 4/4 timing per measure, and it also sets the foundation for learning about science - the materials it's made of, the science of electronics where the pickups act like microphones.

"It's built on principles of electromagnetism, as it has an electric wiring network, with volume and tone controls. As for the technology, that's the whole construction of the product."

As for the actual teaching, DiFazio won't be alone. He chose to enlist senior Aaron Bolano of Pawtucket and sophomore Eddie Prest of Providence.

"I told Mr. DiFazio I could teach some kids how to play; I used to be in a band called 'Road House,' which played a lot of rock covers," Prest noted. "When I found out about this, I thought it was awesome, like, I've never built my own guitar."

Stated DiFazio: "Remember, a lot of these kids aren't involved in wood-working classes. They may be in other disciplines, like automotive or electronics. What makes this different is that they're learning new things about woods, cutting them, paints, stains and the correct methods used in the electrical phases.

"Eddie's willing to share his talents and expertise, and I'll take it; I need all the help I can get," he added with a chuckle. "Eddie and I jammed together, and we went back and forth, with him playing bass and me lead (guitar), and vice-versa. We'll also explain to them how a bassist works with the lead guitarist and drummer, how they keep proper timing."

By late February, DiFazio and his two helpers will educate the others as to the strings, scales and chords, then the chromatic scale with sharps and flats. By the final week, they'll have their own little jam session.

"A lot of the students always wanted to do this, but they felt they never had the opportunity, or they didn't have the money to buy one," DiFazio said. "They needed the spark, and Bill and I provided it.

"When you love something, as I do music, you want to share what you know," he added. "Years ago, people took their time to teach me, so I figure now it's time to pass it on. I want to give something back.

"This is to inspire them. They're here because they're interested in music. A program like this could plant the seed for an interest that could last a lifetime."

Devon Tobin, a senior from Smithfield, is thrilled by participating.

"I thought it was an interesting idea from the beginning: Building your own electric guitar and then learning how play it," he said. "This is something cool to do with your time. I did have to pay $30 for my own amplifier, but everything else was free. This is one more thing I don't know, and I can't wait to learn more about it."

NS Music Ed. Assc. to meet March 1

NORTH SMITHFIELD – The Music Education Association of North Smithfield (MEANS) will meet on Tuesday, March 1, at 6 p.m. in the high school cafeteria.

Parents of students in the middle school and high school who participate in the concert band, jazz band, guitar ensemble, chamber choir or chorus are invited to attend.

Monthly meetings will be held on the first Tuesday of each month through June.

Shelter Walk planning session slated

WOONSOCKET – Family Resources Community Action is gearing up to coordinate their 23rd annual ShelterWalk, which will be held on Saturday, Oct. 15, at River Island Park in Woonsocket. The proceeds from this annual three-mile walk support the Woonsocket Homeless Shelter and Homeless Prevention Programs.

Those interested in helping to coordinate this fall's walk are invited to attend our first planning session of the year on Wednesday, March 16, at 4:30 p.m. at FRCA's 245 Main St. office in Woonsocket. Please contact Elena Marchand at 401-235-6083 or emarchand@famresri.org if you would like to attend. Anyone wishing to get involved is invited to join us "because every person counts and every step matters!"

CITY OF WOONSOCKET
169 MAIN STREET
WOONSOCKET, RI 02895

PUBLIC NOTICE OF DRAFT PHASE II STORM WATER ANNUAL REPORT 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 AND FROM INDUSTRIAL ACTIVITY AT ELIGIBLE FACILITIES OPERATED BY REGULATED SMALL MS4s.

DATE OF NOTICE: Tuesday February 22, 2011

RIPDES PERMIT NUMBER: RIR040016

NAME AND MAILING ADDRESS OF SMALL MS4 OPERATOR:
City of Woonsocket
PO Box "B"
Woonsocket, RI 02895

Pursuant to the requirements established in the Rhode Island Pollutant Discharge Elimination System (RIPDES) General Permit for Storm Water Discharge from Small MS4s and from Industrial Activity at Eligible Facilities Operated by Regulated Small MS4s (General Permit), The City of Woonsocket submitted an application package, including Notice of Intent and Storm Water Management Program Plan (SWMPP) to the Rhode Island Department of Environmental Management (RIDEM) for authorization of the storm water discharges from the City of Woonsocket MS4. In accordance with Part IV.E of the General Permit, the operator must annually evaluate the compliance of the SWMPP with the conditions of the permit, as well as the appropriateness of the selected Best Management Practices and efforts towards achieving the Measurable Goals. An annual report prepared in accordance with Part IV.G of the general permit must be submitted to RIDEM by March 10th for each year after the permit is issued. Notice is hereby given of the intent to receive public comment and to hold a public meeting, if requested, on the City of Woonsocket Phase II Storm Water Annual Report.

FURTHER INFORMATION ABOUT THE DRAFT ANNUAL REPORT

Copies of the Phase II Storm Water Annual Report may be obtained at no cost by writing or calling City Department as noted below:

Michael Debroisse
Superintendent of Solid Waste Engineering
City of Woonsocket
Engineering Division
169 Main Street
Woonsocket, RI 02895
(401) 767-9213

The administrative record containing all documents is on file and may be inspected, by appointment, at the City's office mentioned above between 8:30AM and 4:00PM, Monday through Friday, except holidays.

PUBLIC COMMENT AND REQUEST FOR PUBLIC MEETING:

Pursuant to the requirements of the Phase II Small MS4 General Permit, a public meeting has been tentatively scheduled to consider the City of Woonsocket Phase II Storm Water Annual Report, if requested. Requests for a Public Meeting must be submitted in writing to the attention of Michael Debroisse at the address listed above. Notice should be taken that if the City of Woonsocket receives a request from twenty-five (25) people, a governmental agency or subdivision, or an Association having no less that twenty-five (25) members on or before 4:00PM, March 2, 2011, the public meeting will be held at the following time and place:

March 4, 2011 AT 7:00pm
City Hall
169 Main Street
Woonsocket, RI

Interested persons should contact the City of Woonsocket in advance to confirm if a meeting will be held at the time and location noted above.

Interested parties may submit comments on the draft Annual Report and amendments to the SWMPP and the administrative record to the address above by the close of the public comment period which ends 4:00PM March 4, 2011. Commenters may request a longer comment period if necessary to provide a reasonable opportunity to comply with these requirements.

If, during the public comment period, significant comments are received concerning the draft Annual Report or amendments to the SWMPP, the City of Woonsocket will provide a written response to comments to all persons that submitted comments and all members of the public that request a copy of the response. The response will include a final Annual Report and identify what changes to the SWMPP have been made if any.

FINAL ANNUAL REPORT AND AMENDMENTS TO THE SWMPP:

Pursuant to the Phase II Small MS4 General Permit, the City of Woonsocket will submit the final Annual Report and a copy of amendments to the SWMPP to the RIDEM. All records relating to this permit are available for review by the public. The public may view the records during normal business hours at the address indicated above. Changes adding (but not subtracting or replacing) components of the SWMPP may be implemented immediately upon written notification to RIDEM. Unless denied, changes replacing ineffective or infeasible site minimum measure best management practices specifically identified in the SWMPP shall be deemed approved and may be implemented within sixty (60) days from submittal of the request. Changes replacing ineffective or infeasible storm water controls specifically identified in the SWMPP or in an approved scope of work intended to meet the requirements of a Total Maximum Daily Load (TMDL) or other Water Quality Determination may be implemented only upon receipt of written approval from RIDEM.

_____
Date
Superintendent of Solid Waste Engineering
City of Woonsocket

Michael Debroisse

City of Woonsocket
Department of Public Works
Engineering Division

Leo T. Fontaine
Mayor

Sheila McGauvran
Director

January 26, 2011

RI DEM
235 Promenade Street
Providence, RI 02908-5767

Attn: Mr. Eric A. Beck P.E.

Re: Notice of Intent to Enforce
Non-Compliance with Phase II Storm Water Regulations
RIPDES Permit No. RIR040016
City of Woonsocket

Dear Mr. Beck;

The City of Woonsocket (City) is in receipt of the Notice of Intent to Enforce (NOIE) by the Rhode Island Department of Environmental Management (RIDEM) concerning the City of Woonsocket RIPDES Permit No. RIR040016 dated November 3, 2010.

At this time we would like to respond to the summary list of violations:

Violation #1

Failure to adequately participate in the URI NEMO Program after committing to it (Part IV.A.2 and Parts IV.B.1 & IV.B.2). In order to receive credit for participation in this program, every effort must be made to attend all future meetings.

Response

The URI NEMO Program web site lists 18 workshops held from March 28, 2008 to the present. Of these 18:

-7 workshops were not applicable
-6 workshops we were unaware of
-5 workshops were attended by City personnel

I have contacted a representative from the URI NEMO Program to assure that my e-mail address is included for all program announcements. I was told that my

e-mail address is currently included in the mailings. However, I have not been receiving them. After working with the URI representative we think we have resolved the e-mail notifications problem by using a genetic Woonsocket Engineering email address.

Also to note is that our office attended most if not all informational sessions offered by RIDEM, the RI Public Works Association and any offered by local engineering companies.

Violation #2

Failure to submit a statement or letter from the City Solicitor, legal counsel, or an official acting in comparable capacity stating that the MS4 Operator has adopted a regulatory mechanism to effectively prohibit and enforce illicit discharges and the mechanism provides the authority to adequately carry out the requirements of Part IV.B.3 (Part IV.B.3.b.4). The February 2007 letter from the City Solicitor does not actually certify that the city's ordinances meet the permit requirements. A revised Solicitor's letter for all three (3) ordinances was reportedly submitted with the Year 5 Annual Report, but it was not found with the submittal.

Response

I have asked our present City solicitor to review the City's illicit discharge ordinance and certify that it meets RIDEM requirements. His letter certifying this ordinance is attached.

Violation #3

Failure to inspect all catch basins and manholes for illicit discharge and/or non-storm water discharges at least one during the permit term (Part IV.B.3.b.5.vi). The City has yet to confirm in their Annual Report that all catch basins and manholes have been inspected at least once during the permit term for the presence of illicit connections and non-storm water discharges.

Response

A formal program has been hard to establish due to the high turn over rate in the Highway Superintendents position. On top of this, severe economic hardship to the City has reduced the Engineering Office down to two employees. However, progress had been made in developing an inspection program for our workers that clean the catch basins and drainage manholes. Implementation of this program is scheduled for the spring of 2011. In the mean time highway workers have always been instructed to notify their superiors if they witness anything abnormal in any catch basin and/or drainage manholes. Should an illicit discharge be suspected the Engineering Office is to be notified so that its

point of origin can be identified. To this date there have been no illicit discharges to report.

Violation #4

Failure to submit a statement or letter from the City Solicitor, legal counsel, or an official acting in comparable capacity stating that the MS4 Operator has adopted a regulatory mechanism to require erosion and sediment control and control of other wastes at construction sites and the mechanism provides the authority to adequately carry out the requirements of Part IV.B.4 (Part IV.B.4.b.1).

Response

I have asked our present City solicitor to review the City's erosion control ordinance and certify that it meets RIDEM requirements. His letter certifying this ordinance is attached.

Violation #5

Failure to submit a statement or letter from the City Solicitor, legal counsel, or an official acting in comparable capacity stating that the MS4 Operator has adopted a regulatory mechanism to address post-construction runoff from new development and redevelopment and the mechanism provides the authority to adequately carry out the requirements of Part IV.B.5 (Part IV.B.5.b.9).

Response

I have asked our present City solicitor to review the City's post-construction ordinance and certify that it meets RIDEM requirements. His letter certifying this ordinance is attached.

Violation #6

Failure to inspect all catch basins annually and clean as necessary without adequate justification of a lesser frequency of inspection (Part IV.B.6.b.1.iii).

Response

A catch basin and drainage manhole cleaning program has been established by the Public Services Division, but is not yet fully formalized due to the high turn over rate in the Highway Superintendents position.

Due to the elevation characteristics of the City, catch basins in the low lying areas are constantly monitored and immediately cleaned and/or repaired if required. Catch basins in higher elevations within the City are usually field verified during ride through inspections prior to forecasted storms. Using our

Public Services Division hotline residents may also provide information on a typical and emergency catch basin cleaning and repair needs. To this date any catch basin reported as needing cleaning or damaged have been cleaned and/or repaired.

Violation #7

Failure to complete an Annual report in accordance with the General Permit (Part IV.G). Specifically, the Year 6 Annual Report was late. Please ensure that every subsequent Annual Report is completed and submitted in accordance with the permit requirements.

Response

Unfortunately our office was not aware that the 2003 MS4 General Permit was still in effect and of the RIDEM requirement that a Year 6 Annual Report was required. Upon finding out about this via e-mail dated April 8, 2010 from Ms. Jennifer Stout of RIDEM we contacted our consultants, Fuss & O'Neill Inc., to request that they gather the needed information and submit a report on behalf of the City of Woonsocket. We were in communication with Ms. Stout making sure she was aware of our circumstances and that the report would be filed as soon as possible. The final report was signed by our Mayor on July 14, 2010 and submitted to RIDEM.

Our office has already been in communication with Fuss & O'Neill Inc. to proceed with our annual report for Year 7 and submission of that report is planned to occur by the March 12 deadline.

I hope you find our responses satisfactory. The City has made every attempt to be compliant with our RIPDES Small MS4 General Permit. Should all be acceptable than we respectfully request that the NOIE be rescinded in writing.

Please contact me at 767-9216 should you have any questions or need further information regarding any of our responses to the violations.

Sincerely,

Michael F. Debroisse
Superintendent of Solid Waste/Engineering

CITY OF WOONSOCKET
RHODE ISLAND

WOONSOCKET LAW DEPARTMENT
169 Main Street
PO Box B
Woonsocket, RI 02895-4379

Tel. (401) 767-9201
Fax (401) 769-0316

December 1, 2010

Eric A. Beck, PE, Supervising Engineer
Office of Water Resources
Rhode Island Department of Environmental Management
235 Promenade Street
Providence, RI 02908-5767

Dear Mr. Beck:

This is to certify that on behalf of the [City of Woonsocket, Rhode Island that I have read the requirements of the *RIPDES General Permit for Storm Water Discharge from Small Municipal Separate Storm Sewer Systems and from Industrial Activity at Eligible Facilities Operated by the Regulated small MS4s* (small MS4 GP), Permit # RIR040000, consulted with the appropriate municipal staff, and determined that the attached ordinances entitled:

- Soil Erosion and Sediment Control Ordinance (enclosed) and adopted 1993.
- Post Construction Ordinance (enclosed) and adopted 2005.
- Illicit Discharge Prohibition Ordinance (enclosed) and adopted 2005.

Provide the authority to adequately carry out the requirements of Part IV.B.4.a.&b of Construction Site Storm Water Runoff Control; Part IV.B.3.b.1 of Illicit Discharge Detection and Elimination; Part IV.B.5.b.9 of Post Construction Storm Water Management of the small MS4 GP.

Sincerely,

Joseph P. Carroll
City Solicitor

cc: Mayor Leo Fontaine, Acting Director of Public Works

FORWARD WOONSOCKET
"A CITY ON THE MOVE"

CITY OF WOONSOCKET
RHODE ISLAND

LAW DEPARTMENT
169 Main Street
Woonsocket, R.I. 02895-4379

Tel. (401) 767-9201
Fax (401) 769-0316

February 19, 2007

Rhode Island Dept. of Environmental Management
Office of Water Resources
235 Promenade Street
Providence, RI 02903

Re: RIPDES Permit No. RI R040016

Dear Sir or Madam:

Please be advised that the Woonsocket City Council, on March 21, 2005, formally adopted an "Illicit Discharge Detection and Elimination Ordinance" (Ordinance Chapter 7192, attached), a "Post Construction – Storm Water Control Ordinance" (Ordinance Chapter 7193, attached). On September 20, 1993, the City Council formally adopted an "Erosion and Sediment Control Ordinance (Ordinance Chapter 5803, attached).

If you have any questions or require any further information or documentation, please contact my office.

Sincerely,

Christopher Lambert/abm

Christopher Lambert
City Solicitor

CL/abm
Enclosures

05 07

City of Woonsocket
Rhode Island

March 1, 2005

ORDINANCE

7192

AUTHORIZING THE ADOPTION OF
ILLICIT DISCHARGE DETECTION AND ELIMINATION ORDINANCE
BY THE DEPARTMENT OF PUBLIC WORKS
ENGINEERING DIVISION

WHEREAS, illicit discharges to the municipal storm sewer system are comprised of non-storm water discharges that are expressly prohibited from the municipal storm sewer system; and

WHEREAS, pursuit to the requirements established in the Rhode Island Pollutant Discharge Elimination System (RIPDES) General Permit for Storm Water Discharge from Small Municipal Separate Storm Sewer System (MS4), the City of Woonsocket is required to adopt a 'Illicit Discharge Detection and Elimination Ordinance'; and

WHEREAS, the Engineering Division along with our consultants have established an ordinance (see attached) meeting the Department of Environmental Management criteria; and

WHEREAS, upon acceptance of the 'Illicit Discharge Detection and Elimination Ordinance' by the City Council it will be enforceable by the Engineering Division and the Building Inspection Office.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF WOONSOCKET, RHODE ISLAND, AS FOLLOWS:

SECTION 1. Said attached 'Illicit Discharge Detection and Elimination Ordinance' is adopted by the City Council and enforceable by the Department of Public Works, Engineering Division and/or the Building Inspection Office.

SECTION 2. The ordinance shall be part of the City's Code of Ordinance Chapter 16 Streets and Sidewalks Section 16-17.

SECTION 3. This Ordinance shall take effect on the eleventh consecutive day following its passage by the City Council as provided in Chapter III, Section 9 of the Woonsocket Home Rule Charter and all ordinances inconsistent herewith are hereby repealed.

Leo T. Fontaine

Leo T. Fontaine

IN CITY COUNCIL March 7, 2005 - Read by title and passed for the first time.
IN CITY COUNCIL March 21, 2005 - Read by title and passed.
Signed and approved by Mayor Susan D. Menard - March 22, 2005

05 07

ILLICIT DISCHARGE DETECTION AND ELIMINATION ORDINANCE

ARTICLE I

Section 1. Illicit Discharges

Illicit discharges to the municipal storm sewer system are comprised of non-storm water discharges that are expressly prohibited from the municipal storm sewer system unless the discharges have received all required federal, state and local permits including the Rhode Island Pollutant Discharge Elimination System (RIPDES) or is included in one of the following categories of discharges: discharges which result from the washdown of vehicles at retail dealers selling new and used automobiles where no detergents are used and individual residential car washing; external building washdown where no detergents are used; the use of water to control dust; fire fighting activities; fire hydrant flushing; natural springs; uncontaminated groundwater; dechlorinated pool discharges; air conditioning condensate; lawn watering; potable water sources including waterline flushing; irrigation drainage; pavement washwaters where spills or leaks of toxic or hazardous materials have not occurred (unless all spilled materials have been removed) and where detergents are not used; discharges from foundation or footing drains where flows are not contaminated with process materials such as solvents, or contaminated by contact with soils where spills or leaks of toxic or hazardous materials have occurred; uncontaminated utility vault dewatering; dechlorinated water line testing water; hydrostatic test water that does not contain any treatment chemicals and is not contaminated with process chemicals.

Section 2 Right of Entry

To the extent permitted by State law, or if authorized by the owner or other party in control of the property, the Director of Public Works and/or his/her designated representative may enter upon privately owned property for the purpose of performing their duties under this ordinance and may make or cause to be made such examinations, surveys or sampling as the City deems reasonably necessary.

Section 3 Notification of Spills

Notwithstanding other requirements of law, as soon as any person responsible for a facility or operation, or responsible for emergency response for a facility or operation has information of any known or suspected release of materials which are resulting or may result in unauthorized discharges or pollutants discharging into storm water, the storm drain system, or waters of the State from said facility, said person shall take all necessary steps to ensure the discovery, containment, and cleanup of such release. In the event of such a release of a hazardous material said person shall immediately notify emergency response officials of the occurrence via emergency dispatch services (911). In the event of a release of non-hazardous materials, said person shall notify the authorized enforcement agency no later than the next business day. Notifications in person or by phone shall be confirmed by written notice addressed and mailed to the authorized

enforcement agency within five (5) business days of the phone notice. If the discharge of prohibited materials emanates from a commercial or industrial establishment, the owner or operator of such establishment shall also retain an on-site written record of the discharge and the actions taken to prevent its recurrence. Such records shall be retained for at least three years. Nothing in this section shall preclude any owner/lessee from compliance with relevant provisions of the Rhode Island Clean Water Act, R.I.G.L. 46-12-1, et seq.or other applicable laws or regulations.

Section 4 Enforcement

1. If an illicit discharge to the municipal storm sewer system is detected, the owner shall cease the discharge. If the discharge does not cease within seven (7) calendar days, the owner may be fined seventy-five ($75) per calendar day that the violation goes un-repaired and the City of Woonsocket shall have the rights to take whatever action it deems necessary to correct the violations and to assess a lien on the subject property in an amount equal to the cost of the remedial actions. The lien shall be enforced in the manner provided or authorized by law for the enforcement of common law liens on personal property. The lien shall be recorded in the land evidence records of the City of Woonsocket and shall incur legal interest from the date of the recording. The imposition of any penalty shall not exempt the offender from compliance with the provisions of this ordinance, including revocation of the Permit Bond or assessment of a lien on the property.

2. Any individual or other party is prohibited from discharging waste, including construction waste, building material, truck washout, chemicals, litter, sanitary wastes or other waste into the City Right of Way, storm drain, or other city-property. If such a violation occurs the city may fine the violator two hundred ($200) and required removal of the waste within ten (10) calendar days at the violator's expense. The City may charge the violator any costs associated with removal or repair of damage resulting from the violation.

05 08

City of Woonsocket
Rhode Island

March 1, 2005

ORDINANCE

7193

AUTHORIZING THE ADOPTION OF
POST CONSTRUCTION – STORM WATER CONTROL ORDINANCE
BY THE DEPARTMENT OF PUBLIC WORKS
ENGINEERING DIVISION

WHEREAS, unmitigated storm water from areas altered by development may pose public health and safety threats. Potential contaminants in storm water runoff may include suspended solids, nitrogen, phosphorus, hydrocarbons, heavy metals, pathogenic organisms (bacteria and viruses), and road salts; and

WHEREAS, pursuit to the requirements established in the Rhode Island Pollutant Discharge Elimination System (RIPDES) General Permit for Storm Water Discharge from Small Municipal Separate Storm Sewer System (MS4), the City of Woonsocket is required to adopt a 'Post Construction – Storm Water Control Ordinance'; and

WHEREAS, the Engineering Division along with our consultants have established an ordinance (see attached) meeting the Department of Environmental Management criteria; and

WHEREAS, upon acceptance of the 'Post Construction – Storm Water Control Ordinance' by the City Council it will be enforceable by the Engineering Division and the Building Inspection Office.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF WOONSOCKET, RHODE ISLAND, AS FOLLOWS:

SECTION 1. Said attached 'Post Construction – Storm Water Control Ordinance' is adopted by the City Council and enforceable by the Department of Public Works, Engineering Division and/or the Building Inspection Office.

SECTION 2. The ordinance shall be part of the City's Code of Ordinance Chapter 7 Buildings and Building Regulations Section 7 ¾.

SECTION 3. This Ordinance shall take effect on the eleventh consecutive day following its passage by the City Council as provided in Chapter III, Section 9 of the Woonsocket Home Rule Charter and all ordinances inconsistent herewith are hereby repealed.

Leo T. Fontaine

Leo T. Fontaine

IN CITY COUNCIL March 7, 2005 – Read by title and passed for the first time.
IN CITY COUNCIL March 21, 2005 – Read by title and passed.
Signed and approved by Mayor Susan D. Menard – March 22, 2005

POST CONSTRUCTION - STORM WATER CONTROL ORDINANCE

ARTICLE I

Section 1. Purpose

Unmitigated storm water from areas altered by development may pose public health and safety threats. Potential contaminants in storm water runoff to the City's storm water system may include suspended solids, nitrogen, phosphorus, hydrocarbons, heavy metals, pathogenic organisms (bacteria and viruses), and road salts.

This ordinance establishes the administrative mechanisms necessary for Woonsocket to ensure proper storm water management. The ordinance is written to work in conjunction with current state regulations.

This ordinance is meant to coincide with the City of Woonsocket Erosion and Sediment Control Ordinance Chapter 7 ½.

Section 2. Applicability

This ordinance shall apply to all development occurring within Woonsocket. No person shall engage in land development activities without receiving approval from the Woonsocket Planning Board and/or permitted through the Department of Public Works, Engineering Division and/or the Building Inspection Office, unless specifically exempted by Article I Section 3 of this ordinance.

Section 3. Exemptions

The following activities do not require written approval pursuant to this ordinance:

A. Construction, alternation or use of any additions to existing single family or duplex homes or related structures, provided the grounds coverage of such addition is less than one thousand (1,000) square feet.

B. Grading, as a maintenance measure or for landscaping, on contiguous areas of developed land, parcels and lots, which in aggregate do not exceed one thousand (1,000) square feet.

Section 4. Variance

The Director of Public Works or the City Engineer reviewing an application under this ordinance may:

A. Vary requirements of this ordinance when strict implementation of the requirements of this ordinance create an unnecessary hardship or are not feasible.

B. Allow use of an innovative management practice where strict adherence to existing criteria would be costly or of negligible environmental benefit.

Section 5. Submissions and Approvals

In accordance with this ordinance, all persons must obtain approval from the Woonsocket Planning Board and/or permitted through the Department of Public Works, Engineering Division and/or the Building Inspection Office, prior to engaging in any land development activities, unless exempted by Article 1 Section 3 of this ordinance. To obtain approval applicants must demonstrate compliance with all policy, standards and requirements of this ordinance to the satisfaction of the Director of Public Works or the City Engineer. Applicants may demonstrate compliance via submission of materials and documentation including but not limited to a Storm Water Management Plan, site plan, maintenance agreement, and Permit Bond in accordance with this Ordinance. Plans will be reviewed in conjunction with site plan review by the Engineering Division.

ARTICLE II

Section 1. Technical Standards

All applicants are required to develop and submit a Storm Water Management Plan. All Storm Water Management Plans must address storm water management on a site-by-site basis and all requirements of this ordinance. All storm water management practices shall be consistent with the *Rhode Island Stormwater Design and Installation Standards Manual* and the *Rhode Island Soil Erosion and Sediment Control Handbook*, as amended.

A. Performance Standards

Storm Water Management Plans shall incorporate best management practices for water quality control, which in combination are demonstrated to reduce the average annual total suspended solids in postdevelopment runoff by eighty percent (80%). Development in drinking water supply watersheds may be held to higher standards.

B. Disallowed Storm Water Best Management Practices

The placement of detention basins and other storm water structures within a floodplain shall be avoided. If there is no alternative, the applicant must show what effects, if any, the tailwaters created by the floodplain will have on the outflow and effective storage capacity of the detention facility.

C. Facilitation of Maintenance

Facilities that require maintenance shall be designed to minimize the need for regular maintenance, facilitate required maintenance, and ensure accessibility of components that require maintenance. At a minimum, all Storm Water Management Plans must

incorporate best management practices with appropriate maintenance design in accordance with the *Rhode Island Stormwater Design and Installation Standards Manual*, as amended; or the *Rhode Island Soil Erosion and Sediment Control Handbook*, as amended.

D. Flood Protection

Storm Water Management Plans shall demonstrate that a proposed project provides for protection of life and property from flooding and flood flows. Water quantities must be controlled in accordance with the *Rhode Island Stormwater Design and Installation Standards Manual*, as amended, or a municipally approved regional Storm Water Management Plan for the watershed in which the development site is located. Storm Water Management Plans shall demonstrate incorporation of the following standards into the proposed project:

1. Control and maintenance of postdevelopment peak discharge rates from the 2-year, 10-year, 25-year, and 100-year storm events and predevelopment levels.

2. Downstream analysis of the 100-year storm event and control of the peak discharge rate for the 100-year storm to mitigate significant downstream impacts.

3. Discharge from any storm water facility must be conveyed through properly constructed conveyance system to provide for nonerosive flows during all storm events. The proposed storm water conveyance system consisting of open channels, pipes, and other conveyance devices shall at a minimum accommodate the runoff from a 25-year storm event. The storm water conveyance system must provide for nonerosive flows to receiving waters.

E. Surface Water and Groundwater

Storm Water Management Plans shall demonstrate that during develop and postdevelopment, all receiving waters will be recharged in a manner closely resembling predevelopment conditions and that the developed site will retain hydrological conditions that closely resemble of those prior to disturbance.

ARTICLE III

Section 1. Maintenance Requirements for Best Management Practices

A. Routine Maintenance and Repair Procedures

Preventative maintenance procedures are required to maintain the intended operation and safe condition of the storm water management facility by greatly reducing the occurrence

of problems and malfunctions. To be effective, preventative maintenance shall be performed on a regular basis and include such routine procedures as training of staff, periodic inspections, grass cutting elimination of mosquito breeding habitats, and pond maintenance. Disposal of sediment and debris must occur on a regular basis (unless otherwise specified within an approved plan), at suitable disposal sites or recycling sites and comply with applicable local, state and federal regulations.

Corrective maintenance procedures are required to correct a problem or malfunction at a storm water management facility and to restore the facility's intended operation and safe condition. Based upon the severity of the problem, corrective maintenance must be performed on an as-needed or emergency basis and include such procedures as structural repairs, removal of debris, sediment and trash removal which threaten discharge capacity, erosion repair, snow and ice removal, fence repair, mosquito extermination, and restoration of vegetated and nonvegetated linings.

B. General Maintenance Standards for Storm Water Best Management Practices.

Maintenance design and maintenance procedures for all storm water best management practices shall be in accordance *Rhode Island Stormwater Design and Installation Standards Manual*, as amended; or the *Rhode Island Soil Erosion and Sediment Control Handbook*, as amended. Storm Water Management Plans shall demonstrate appropriate maintenance design and procedures for each proposed best management practice. The following policies and standards for maintenance must be incorporated into Storm Water Management Plans, as applicable.

1. A maintenance schedule for each type of BMP must be included in the Storm Water Management Plan. These schedules shall list the frequency and type of maintenance operations necessary along with the legally responsible party's name, address, and telephone number. The Engineering Division shall be notified if the property changes ownership along with the new responsible party's name, address, and telephone number. If the storm water drainage system is to be deeded to the local municipality the applicant must obtain a letter from the municipality acknowledging maintenance responsibility and intent of ownership after approval from the City Council.

ARTICLE IV

Section 1. Storm Water Management Plans

A. Calculations

In addition to the information required for Storm Water Management Plans the following information must also be included with the application, where applicable.

1. The area of each subbasin as identified on final site plans.

2. The area of pervious and impervious surfaces (including all roads, driveways, rooftops, sidewalks, etc.) for each subbasin as identified in the *Rhode Island Stormwater Design and Installation Standards Manual*, as amended.

3. Weighted curve numbers, (CN) as determined by the SCS TR-55 method, for each subbasin as identified in the *Rhode Island Stormwater Design and Installation Standards Manual*, as amended.

4. Invert elevations for all applicable BMPs. In addition, the elevations for permanent and/or flood pool stages, including peak discharge rates for each stage, within all basins are required.

5. The total volume capacity for all flood control and water quality BMPs (e.g., infiltration basin, detention basins, wet ponds, etc.). Volumes must be segregated into permanent and flood pool stage volumes where applicable. Furthermore, the volumes of all sediment storage (basins, forebays, etc.) areas must also be shown.

6. Predevelopment and postdevelopment peak discharge rates and runoff volumes for the 2-year, 10-year, 25-year, and 100-year frequency storm events for each subwatershed. The water quality volume must also be calculated for each subwatershed. All relevant variables such as curve numbers and time of concentration, along with the supporting computations and worksheets must be included.

B. Narrative Description

As part of the Storm Water Management Plan, the applicant shall include a discussion of the protection of environmental resource functions and values. The following outline is provided as guidance for preparing a narrative description for the Storm Water Management Plan. Depending on the size and scope of the proposed project, the amount of information required by the Engineering Division may vary, therefore, it is advised to consult the appropriate permitting agency for specific requirements.

1. Site description – general topography, soil types, current vegetative composition and relative abundance, existing infrastructure, and/or adjacent properties, identification of major resources (e.g., wetlands, groundwater, surface waters, etc.), name of receiving water(s), potential water quality and/or hydrologic impacts on resources.

2. Site input data – watershed characteristics, area of all pervious and impervious surfaces, total area of site, annual mean rainfall, runoff coefficients, curve numbers for various land uses, peak discharge rates.

3. Land use planning and source control plan.

4. Best Management Practices – identify the type of BMP(s) employed both during and post construction and justification for selection, including any deviation from the *Rhode Island Stormwater Design and Installation Standards Manual*, as amended, and the potential effect on pollutant removal efficiency.

5. Technical feasibility – of BMPs including sizing, location, hydraulic and environmental impacts. Alternatives, which were considered but determined not to be feasible, should also be discussed.

6. Maintenance schedule – of BMPs to be used, both during and post construction including frequency of inspection and maintenance.

Section 2. Maintenance Agreements

Maintenance agreements shall provide written, contractual documentation, which demonstrates compliance with this ordinance and legal arrangements for the upkeep of storm water facilities to assure their functionality and safety in accordance with this ordinance.

Maintenance agreements, which describe all maintenance schedules and requirements, must be developed for each storm water management facility unless the facility is dedicated to and accepted by the City of Woonsocket.

A. Recognition of Municipal Inspection Requirements

Maintenance agreements shall include a reasonable and regular schedule for the City of Woonsocket, or designee, to conduct on-site inspection of the functionality and safety of storm water management facilities. Inspection schedules shall be based on the complexity and frequency of maintenance needs and shall be subject to the approval of City of Woonsocket. At a minimum, maintenance frequency should be in accordance with the *Rhode Island Stormwater Design and Installation Standards Manual*, as amended.

B. Record Keeping for Maintenance Activities

Maintenance agreements shall include provisions for maintenance record keeping. All activities conducted in accordance with a maintenance agreement must be recorded in a work order and inspection log. Timely updates of the log shall be the responsibility of the storm water management facility owner or other responsible party pursuant to this ordinance. Review of the maintenance and inspection log shall be completed by the City of Woonsocket, or designee, to determine the effectiveness of operation, maintenance and

safety activities. Reviews shall occur as part of each on-site inspection. Additional reviews may be made as deemed appropriate by the City of Woonsocket or designee.

C. Responsibility for Maintenance to Assure Functionality and Safety

Appropriate maintenance to assure functionality and safety of storm water management facilities shall be the responsibility the owner or may be assumed by another party via a written contractual arrangement in accordance with this ordinance.

D. Alterations to Maintenance Agreements

Any alterations in maintenance responsibility or alterations to maintenance agreements must be reviewed and approved by the Director of Public Works and or the City Engineer. If portions of the land serviced by a storm water management facility are to be sold, written contractual arrangements shall be made to pass all responsibility of the maintenance agreement to the purchaser and shall be subject to review and approval of the Director of Public Works and or the City Engineer. All alterations to maintenance agreements shall be recorded in accordance with this ordinance.

E. Recordation of Maintenance Agreements

All maintenance agreements and alterations to maintenance agreements shall be recorded in the land evidence records of the City of Woonsocket. Copies of all maintenance agreements and alterations to maintenance agreements shall be included in Storm Water Management Plans. Recordation of maintenance agreements in accordance with this ordinance shall be the responsibility of the owner.

Section 4 Application Fees

The City of Woonsocket shall be empowered to collect fees from permit applicants, which are commensurate with the cost of administering this ordinance.

ARTICLE V

Section 1. Enforcement

The City of Woonsocket shall have the authority and discretion to invoke penalties and/or impose a lien, whenever a storm water management facility is not implemented, operated, and/or maintained in accordance with its approval and this ordinance. Any penalty invoked shall be in accordance with this Section.

A. Notification of Violation

In the event that the storm water management facility becomes a danger to public safety or public health, in need of maintenance, or otherwise fails to comply with the provisions of this ordinance, the City of Woonsocket shall so notify the property owner in writing by

certified mail. Upon receipt of that notice, the property owner shall have five (5) calendar days to temporarily correct the violation and thirty (30) calendar days from the receipt of notice to permanently correct the violation. If the property owner fails or refuses to perform such maintenance and repair, the municipality may immediately proceed to do so and shall bill the cost thereof to the property owner or proceed with redeeming the Permit Bond. If the storm water management facility is of imminent danger to public safety, the City shall have the right to correct the problem without delay and shall bill the cost thereof to the property owner or proceed with redeeming the Permit Bond.

B. Enforcement of Penalties and Liens

Should the applicant/owner fail to take the corrective actions, the City of Woonsocket shall then have the right to take whatever actions it deems necessary to correct the violations including fining the owner seventy-five ($75) per calendar day that the violation goes un-repaired and to assert a lien on the subject property in an amount equal to the costs of remedial actions. The lien shall be enforced in the manner provided or authorized by law for the enforcement of common law liens on personal property. The lien shall be recorded in the land evidence records of the City of Woonsocket, and shall incur legal interest from the date of recording. The imposition of any penalty shall not exempt the offender from compliance with the provisions of this ordinance, including assessment of a lien on the property.

C. Hearing

Any owner or responsible party, receiving a written notice of violation, shall be given an opportunity, within a reasonable time frame, for a hearing before the Municipal Court to state their case. If evidence indicates that a violation has not occurred, the Municipal Court shall revoke the notice of violation.

ARTICLE VI

Section 1. Implementation

This ordinance shall take effect upon final passage and approval by the City Council as appropriate.

City of Woonsocket
Rhode Island

93 O 116

30 August A.D. 1993

Ordinance
Chapter
#5803

AN ORDINANCE GOVERNING SOIL
AND EROSION SEDIMENT CONTROL WITHIN THE
CITY OF WOONSOCKET, RHODE ISLAND

It is ordained by the City Council of the City of Woonsocket as follows:

ARTICLE I

Section 1. Purpose

The City Council of the City of Woonsocket, Rhode Island, hereby finds that excessive quantities of soil are eroding from areas that are undergoing development for certain uses such as housing, industrial development, commercial development, gravel removal operations, recreational facilities and roads, etc. Erosion occurring in these areas make costly repairs necessary to gullies, washed-out fills, roads and embankments. The resulting sediment clogs storm sewers, road ditches, roil streams, and deposits silt in ponds, reservoirs, streams and the Blackstone River. In some of the City's waters, silt resulting from erosion has become a major water pollutant and threatens water supply, recreational, aesthetic and wildlife habitat values associates with these waters.

In its Comprehensive Community Plan the City of Woonsocket recognized the need to adopt a Soil Erosion Control Ordinance to prevent non-point source pollution of the City's water bodies, and to preserve the integrity of Woonsocket's landscape [Land Use Element - Recommendations].

The purpose of this Ordinance is to prevent erosion and sedimentation from occurring as a result of non-agricultural development within the City of Woonsocket by requiring proper provisions for water disposal and the control of soil surfaces during and after construction, in order to promote the safety, public health and general welfare of the residents of the City of Woonsocket

Section 2 - Powers of the City Council

The City Council of the City of Woonsocket, Rhode Island, authorizes the Building Official to administer the provisions of this Ordinance under Section 45-46-1, 45-46-4 and 45-46-5 of the General Laws of the State of Rhode Island & Providence plantations in Chapter 45-46, entitled, "Soil Erosion and Sediment Control" and may designate all enforcement responsibilities to his/her designee.

ARTICLE II

Section 1 - Qualifications

The Building Official and/or his/her appointed agent reviewing soil erosion and sediment control plans shall have the following qualifications:

1. be a registered engineer, surveyors, or landscape architect or Soil and Water Conservation Society certified Erosion and Sediment Control Specialists, or

2. shall have attended a soil and sediment control training session sponsored by the United States Department of Agriculture Soil Conservation Service and Conservation Districts.

The Building Official and/or his/her appointed agent shall be granted the authority necessary to administer said Ordinance, including entry onto private property when necessary for periodic inspections to ensure compliance with the provisions of the approved soil erosion and sediment control plan.

Section 2 - Applicability

This Ordinance shall be applicable to any situation involving any disturbance to the terrain, topsoil or vegetation ground cover upon any property within the City of Woonsocket after determination of applicability by the Building Official and/or his/her appointed agent, based upon criteria outlined in Article III, Section 1 hereinafter. Compliance with the requirements as described herein shall not be construed to relieve the owner/applicant of any obligations to obtain necessary State, City or Federal permits otherwise required by appropriate statute or regulation appertaining thereto.

ARTICLE III

Section 1 - Determination of Applicability

[I] It shall be unlawful for any person to disturb any existing vegetation, grades, and contours of land in a manner which may increase the potential for soil erosion, without first applying for a **Determination of Applicability** from the Building Official of the City of Woonsocket and/or his/her appointed agent. Upon **Determination of Applicability**, the owner/applicant shall submit within sixty [60] days a **Soil Erosion and Sediment Control Plan** for approval by the Building Official and/or his/her appointed agent, as provided in Article IV hereinafter.

The **Application for Determination of Applicability** shall describe the location, nature, character, and time schedule of the proposed land disturbing activity in sufficient detail to allow the Building Official and/or his/her appointed agent to determine the potential for soil erosion and sedimentation resulting from the proposed project. In determining the applicability of the soil erosion and sediment control ordinance to a particular land disturbing activity, the Building Official and/or his/her appointed agent shall consider site topography, drainage patterns,

soil types according to the United States Geological Service, proximity to watercourses or wetlands, and other such information as deemed appropriate by the Building Official and/or his/her appointed agent.

A particular land disturbing activity shall not be subject to the requirements of this Ordinance if the Building Official and/or his/her appointed agent finds that erosion resulting from the land disturbing activity is insignificant and represents no threat to adjacent properties or to the quality of any coastal features or watercourse or wetlands , as defined hereinafter, or, drinking water source. The current "Rhode Island Soil Erosion and Sediment Control Handbook" U.S. Department of Agriculture Soil Conservation Service, Rhode Island Department of Environmental Management, and the Rhode Island State Conservation Committee shall be consulted in making this determination.

[II] No Determination of Applicability shall be required for the following:

(a) Construction, alteration or use of any additions to existing single-family or duplex homes or related structures, provided the ground coverage of such addition is less than one thousand (1,000) square feet, and such construction, alteration, and uses does not occur within one hundred feet (100') of any watercourse or wetlands, and the slopes at the site of land disturbance do not exceed ten percent (10%).

(b) Use of a home garden as permitted in a residential use zone by the provisions of the Woonsocket Zoning Ordinance and certified by the Building Official in association with on site residential use.

(c) Accepted agricultural management practices such as seasonal tilling and harvest activities associated with agricultural or silvacultural purposes, except within drinking water watersheds.

(d) Excavations for an improvement other than those described in Section (a) above which exhibit all of the following characteristics.

(1) does not result in total displacement of more than fifty (50) cubic yards of materials; and

(2) has no slope steeper than ten feet (10') vertical in one hundred feet (100') horizontal or approximately ten percent (10%); and

(3) has all disturbed surfaces areas promptly and effectively protected to prevent soil erosion and sedimentation as determined by the Building Official in the public best interest.

(e) Grading, as a maintenance measure, or for landscaping purposes on existing developing land parcels or lots, provided that all bare surface is immediately seeded, sodded or otherwise protected from erosive action and all of the following are met:

(1) The aggregate areas of such activity does not exceed two thousand (2,000) square feet; and

(2) The change of elevation does not exceed two feet at any point; and,

(3) The grading does not involve a quantity of fill greater than eighteen (18) cubic feet; except where fill is excavated from another portion of the same parcel and the quantity does not exceed fifty (50) cubic yards.

(f) Grading, filling, removal, or excavation activities and operations undertaken by the city under the direction and supervision of the Director of Public Works for works on streets, roads, or rights-of-way dedicated to public use, provided, however, that adequate and acceptable erosion and sediment controls

are incorporated in engineering plans and specifications are employed. Appropriate controls shall apply during construction as well as after the completion of these activities. All such work shall be undertaken in accordance with the performance principals provided for in Article V, Section 1 (c) hereinafter, and such standards and definitions as may be adopted to implement said performance principals.

ARTICLE IV

Section 1 - Provisions of Plan - Procedures

(a) Plan

(1) To obtain approval for a land disturbing activity as found applicable by the Building Official and/or his/her appointed agent under Article III, an applicant shall first file an erosion and sediment control plan signed by an owner of the property, or authorized agent, on which the work subject to approval is to be performed. The plan or drawings, as described in Article V of this Ordinance, shall include proposed erosion and sediment control measures to be employed by the applicant or the applicant's agent.

(2) Rhode Island Freshwater Wetlands Permit: Where any portion of a proposed development requires approval under the Rhode Island Freshwater Wetlands Act (RIGL 2-1-15 et. seq.), as amended, and when they contain provisions for soil erosion and sediment controls, that approved plan shall be a component of the overall soil erosion and sediment control plan required hereunder for the development.

(b) Fee Schedule for Application

An application for review of plans submitted under this Ordinance shall require a non-refundable filing fee paid to the City according to the following schedule:

1. SINGLE FAMILY AND DUPLEX SUBDIVISIONS

1	lot	$75.00
2-9	lots	$150 + $50 for each lot over 2
10-15	lots	$550 + $40 for each lot over 10
16-25	lots	$800 + $30 for each lot over 16
26-50	lots	$1,150 + $20 for each lot over 26
51+	lots	$1,700 + $10 for each lot over 51

2. SITE DEVELOPMENT PLANS

	Commercial/Industrial	Other
up to 20,000 sq. ft.	$250	$150
20,000 sq.ft. - 1 acre	$375	$200
1 acre - 1.5 acre	$500	$250
1.5 acre - 2.0 acres	$750	$375
2.1 acres - 5.9 acres	$1,000	$500
6.0 acres - 10 acres	$1,500	$750
10.1 acres-50 acres	$2,000	$1,000
above 50 acres	$2,500	$1,500

(c) Plan Review

(1) Within ten (10) working days of the receipt of a completed plan, five (5) copies of which shall be submitted, the Building Official and/or his/her appointed agent shall send a copy of the plan to the reviewing authorities which may include the Public Works Department, Planning Board, Department of Planning & Development, and Conservation Commission, for the purpose of review and comment. The Building Official and/or his/her appointed agent may also, within the above time-frame submit copies of the plan to other local departments or agencies, including the conservation district that services the county, in order to better achieve the purpose of this chapter.

Failure of the aforementioned reviewing authorities to respond within twenty-one (21) days of their receipt of the plan shall be deemed as no objection to the plan as submitted

(2) The time allowed for plan review shall be commensurate within the proposed development project, and shall be done simultaneously with other review.

(d) Plan Approval

(1) The Building Official, and/or his/her appointed agent, shall take action, in writing, either approving or disapproving the plan with reasons stated within ten (10) days after the Building Official and/or his/her appointed agent has received the written opinions of the aforementioned review authorities.

(2) In approving a plan, the Building Official and/or his/her appointed agent, may attach such conditions deemed reasonably necessary by the aforementioned review authorities to further the purposes of this Ordinance. The conditions pertaining to erosion and sediment control measures and/or devices, may include, but are not limited to restoration, the erection of walls, dams, and structures, planting vegetation, trees and shrubs, furnishing necessary easements, and specifying a method of performing various kinds of works, and the sequence or timing thereof. The applicant/owner shall notify the Building Official and/or his/her appointed agent at least seventy-two (72) hours in advance of his/her intent to begin clearing and construction work described in the erosion and sediment control plan on the site during grading and construction.

(e) Appeals

(1) Administrative Procedures

(A) If the ruling of the Building Official and/or his/her appointed agent, is unsatisfactory to

the applicant/owner, the applicant/owner may file a written appeal. The appeal of plans for soil erosion and sediment control shall be to the Woonsocket Planning Board.

(B) Appeal procedures shall follow current requirements for appeal to the board above-mentioned.

(C) During the period in which the request for appeal is filed, and until such time as a final decision is rendered on the appeal, the decision of the Building Official and/or his/her agent shall remain in effect.

(2) Expert Opinion

The Building Official and/or his/her appointed agent, or the Woonsocket Planning Board, may seek technical assistance on any erosion and sediment control plan. The expert opinion must be made available in the office of the Building Official and/or his/her appointed as a public record prior to the appeals hearing. The cost of securing such expert opinion shall be borne equally by the City and the developer proposing the alteration.

ARTICLE V

Section 1 - Soil Erosion and Sediment Control Plan

(a) Plan Preparation

The Erosion and Sediment Control Plan shall be prepared by a registered engineer, or landscape architect or a Soil and Water Conservation Society certified Erosion and Sediment Control Specialist and five (5) copies of the plan shall be submitted to the Building Official and/or his/her appointed agent.

(d) Plan Contents

The **Erosion and Sediment Control Plan** shall include sufficient information about the proposed activities and land parcel(s) to form a clear basis for discussion and review and to assure compliance with all applicable requirements of this chapter. The plan shall be consistent with the data collection, data analysis, and plan preparation guidelines in the current "Rhode Island Soil Erosion and Sediment Control Handbook", prepared by the United States Department of Agriculture, Soil Conservation, Rhode Island Department of Environmental Management, and the Rhode Island State Conservation Committee and at a minimum it shall contain:

(1) A narrative describing the proposed land disturbing activity and soil erosion and sediment control measures and stormwater management measures to be installed to control erosion that could result from the proposed activity. Supporting documentation, such as a drainage area, existing site, and soil maps shall be provided as required by the Building Official and/or his/her appointed agent. Recent photographs of the site are very helpful.

(2) Construction drawings illustrating in detail, existing and proposed contours, drainage features, and vegetation; limits of clearing and grading, the location of soil erosion and sediment control and stormwater management measures, details of measures; stock piles and borrow areas; sequence and staging of land disturbing activities; and other such information needed for construction. Cross sections. Locus maps.

(3) Other information or construction plans and details as deemed necessary by the Building Official and/or his/her appointed agent for thorough review of the plan prior to action being taken as prescribed in this chapter.

Withholding or delay of such information may be reasons for the Building Official and/or his/her appointed agent to judge the application as incomplete and grounds for approval.

(c) Performance Principals:

The contents of the erosion and sediment control plan shall clearly demonstrate how the principals, outlined hereinafter, have been met in the design and are to be accomplished by the proposed development project.

(i) The site selected shall show due regard for natural drainage characteristics, topography and vegetation.

(ii) To the extent possible, steep slopes shall be avoided.

(iii) The grade of slopes created shall be minimized.

(iv) Post development run-off rates shall not exceed pre-development rates, consistent with other stormwater requirements which may be in effect. Any increase in storm run-off shall be retained and recharged as close as feasible to its place of origin by means of detention ponds or basins, seepage areas, sub-surfaces drains, or similar techniques.

(v) Original boundaries, aligment, and slope of watercourse within the project locus shall be preserved to the greatest extent possible.

(vi) In general, drainage shall be directed away from structures intended for human occupancy, municipal or utility use, or similar structures.

(vii) All drainage provisions shall be of such a design and capacity so as to adequately handle stormwater run-off, including run-off from tributary upstream areas which may be outside the locus of the protect.

Plans shall also identify the storm level being addressed in the plan; i.e. 10 year storm, 25 year storm or 100 year storm as minimum.

(viii) Drainage facilities shall be installed as early as feasible during construction, prior to such clearance if possible.

(ix) No fill shall be located adjacent to a watercourse.

(x) Temporary vegetation and/or mulching shall be used to protect bare areas and stock piles from erosion during construction; the smallest areas feasible shall be exposed at any one time; disturbed areas shall be protected during the non-growing months, November through March.

(xi) Permanent vegetation shall be placed immediately following final grading.

(xii) Trees and other existing vegetation shall be retained whenever feasible; the area within the drip-line shall be fenced or roped off to protect trees from construction equipment.

(xiii) All areas damaged during construction shall be re-sodded re-seeded or otherwise restored. Monitoring and maintenance schedules where required, shall be pre-determined.

ARTICLES VI

Section 1 - Enforcement

(a) Performance Bond

(1) Before approving an erosion and sediment control plan, the Building Official and/or his/her appointed agent shall require the applicant/owner to file a surety company performance bonds, or deposit of money or negotiable securities, or other methods of surety, as specified by the Building Official and/or his/her

appointed agent. This requirements may be waived by the Building Official and/or his/her agent for good cause. When any land disturbing activity is to take place within one hundred feet (100') of any watercourse or coastal feature or within an identified hazard district, or on slopes in excess of ten percent (10%) the filing of a performance bond shall be required. The amount of the bond, as determined by the Public Works Department, or in its absence, the Building Official and/or his/her appointed agent, shall be sufficient to cover the cost of implementing all erosion and sediment control measures as shown on the plan. The performance bond shall be reviewed and may be required to be increased by the Building Official and/or his/her agent on the annual anniversary date thereof.

(2) The bond or negotiable security filed by the applicant shall subject to approval of the form, content amount, and manner of execution by the Public Works Director

(3) A performance bond for an erosion sediment control plan for a subdivision may be included in the performance bond of the subdivision. The posting of the bond, as part of the subdivision performance does not, however, relieve the owner of any requirements of this Ordinance.

(b) Notice of Default on Performance Secured by Bond

(1) Whenever the Building Official and/or his/her appointed agent shall find that a default has occurred in the performance of any term(s) or condition(s) of the bond, or in the implementation of measures secured by the bond, written notice thereof shall be made to the applicant and to the surety of the bond by the City Solicitor. The notice shall state the nature of the default, work to be done, the estimated cost thereof, and the period of time deemed by the Building Official and/or his/her appointed agent to be reasonably necessary for the completion of the work.

(2) Failure of the applicant to acknowledge a default notice within five (5) days and to comply with the provisions and deadlines outlined in such notice of default shall mean the institution, by the city solicitor, without further notice of proceeding whenever, of appropriate measures to utilize the performance bond to cause the required work to be completed by the city, by contract, or by other appropriate means as determined by the city solicitor.

(c) Notice of Default on Performance Secured by Cash or Negotiable Security Deposits

If a certified check or negotiable securities deposit has been posted by the applicant, notice and procedure shall be the same as provided for in subsection (b) of this section.

(d) Release from Performance Bond Conditions

The performance bonding requirement shall remain in full force and effect for twelve (12) months following completion of the project, or longer of deemed necessary by the Building Official and/or his/her appointed agent. The Building Official shall consider the appropriateness of growing seasons as a time-frame.

Section 2. **Approval - Expiration - Renewal**

(a) Every approval granted herein shall expire at the end of the time period set forth in the conditions. The developer shall fully perform and complete all of the work required within the specified time period.

(b) If the developer is unable to complete the work within the designated time period, he or she shall, at least (30) days prior to the expiration date, submit a written request for an extension of time to the Building Official and/or his/her appointed agent, setting forth the reasons underlying the requested time extension.

If the extension is warranted, the Building Official and/or his/her appointed agent may grant an extension of time up to a maximum of one (1) year from the date of the original deadline. Subsequent extensions under the same conditions maybe granted at the discretion of the Building Official.

Section 3 - Maintenance of Measures

Maintenance of all erosion-sediment control devises under this Ordinance shall be the responsibility of the Owner. The erosion-sediment control devices shall be maintained in good condition and working order on a continuing basis. Watercourses originating and located completely on private property shall be the responsibilities of the owner to their point of open discharge at the property line or at a communal watercourse within the property.

Section 4. Liability of the Applicant

Neither approval of an erosion and sediment control plan compliance with any condition of this chapter shall relieve the owner/applicant from any responsibility for damage to persons or property, nor impose any liability upon the City of Woonsocket, Rhode Island, for damages to persons or property.

ARTICLE VII

Section 1 Inspections

(a) Periodic Inspections

(1) The provisions of this Ordinance shall be administered and enforced by the Building Official and/or his/her appointed agent. All work shall be subject to periodic inspections by the Building Official and/or his/her appointed agent. All work shall be performed in accordance within inspection and construction control schedule approved by the Building Official and/or his/her appointed agent, who shall maintain a permanent file on all of his/her inspections.

Upon completion of the work, the developer or owner(s) shall notify the Building Official and/or his/her appointed agent that all grading, drainage, erosion, and sediment control measures and devices, and vegetation and ground cover planting has been completed in conformance with the approval, all attached plans, specifications, conditions, and other applicable provisions of this Ordinance.

(b) Final Inspection

(1) Upon notification of the completion by the owner, the Building Inspection and/or his/her appointed agent shall make a final inspection of the site in question and shall prepare a final summary inspection report of its findings which shall be retained in the Department of Inspections and in the Department of Public Works permanent inspection files. A copy of such report shall be sent to the developer and/or property owner.

(2) The applicant/owner may request the release of his/her performance bond from the Building Official and/or his/her appointed agent twelve (12) months or two (2) growing seasons after the final site inspection has been completed and approved. In the instance where the performance bond has been posted with the recording of the final subdivision, the bond shall be released, at a minimum of twelve (12) months after the Building Official and/or his/her appointed agent has been notified by the Woonsocket Planning Board of successful completion of all plat improvements by the applicant/owner.

ARTICLE VIII

Section 1. - Notification

(a) Non-Compliance

If, at any stage, the work-in-progress and/or completed under the terms of an approved erosion and sediment control plan does not conform to the plan, a written notice from the Building Official and/or his/her

designee to comply shall be transmitted by certified mail to the owner. The notice shall set forth the nature of the temporary and permanent corrections required and the time limit within which corrections shall be completed as set forth in Article VIII, Section 2(b). Failure to comply with the required corrections within the specified time limit shall be considered in violation of this chapter, in which case the performance bond or cash, or negotiable security deposit shall be subject to notice of default in accordance with Article VI, sections 1 (b) and (c) of this Ordinance.

Section 2. Penalties

(a) Revocation or Suspension of Approval

The approval of an erosion and sediment control plan under this chapter may be revoked or suspended by the Building Official and all work on the project halted for an indefinite time period by the Building Official and/or his/her appointed agent after written notification is transmitted by the law by the Building Official and/or his/her appointed agent to the developer for one or more of the following reasons:

(1) Violation of any condition of the approval plan, or specifications pertaining thereto;

(2) Violation of any provisions of this Ordinance or any other applicable law, ordinance, rule, or regulation related to the work or site of work; and

(3) The existence of any condition or the performance of any act constituting or creating a nuisance, hazard, or endangerment to human life or the property of others, or contrary to the spirit of this Ordinance.

(b) Other Penalties

In addition, thereto, whenever there is a failure to comply with the provisions of this chapter, the City shall have the right to notify the applicant/owner that he/she has ten (10) days from receipt of notice

to temporarily correct the violations and thirty (30) days from receipt of notice to permanently correct the violations. Should the applicant/owner fail to take the temporary corrective measures within the ten-day period and the permanent corrective measures within the thirty-day period, the city shall then have the right to take whatever actions it deems necessary to correct the violations and to assert a lien on the subject property in an amount equal to the costs of remedial action. The lien shall be enforced in the manner provided or authorized by law for the enforcement of common law liens on personal property. The lien shall be recorded with the records of land evidence of the municipality in the Office of the City Clerk, and the lien shall incur legal interest from the date of recording. The imposition of any penalty shall not exempt the offender from compliance with the provisions of this chapter, including revocation of the performance bond or assessment of a lien on the property by the City.

ARTICLE IX

Section 1. Definition of Select Terms

(a) Applicant: Any person, corporation or public or private organization proposing a development which would involve disturbance to the natural terrain as herein defined.

(b) Cut: An excavation. The difference between a point on the original ground and a designated point of lower elevation on the final grade. Also, the material removed in excavating.

(c) Development Project: Any construction, reconstruction, demolition, or removal of structures, roadways, parking or other paved areas, utilities, or other similar facilities, including any action requiring a building permit from the City of Woonsocket.

(d) Erosion: The removal of mineral and/or organic matter by the action of wind, water, and/or gravity.

(e) Excavate: Any act by which earth, sand, gravel, rock or any other similar material is dug into, cut, quarried, uncovered, removed, displaced, relocated, or bulldozed, and shall include the condition resulting therefrom.

(f) Fill: Any act by which earth, sand, or other materials is placed or moved to a new location above ground. The fill is also the difference in elevation between a point of existing undisturbed ground and a designated point of higher elevation of the final grade.

(g) Land disturbing activity: Any physical land development activity which includes such action as clearance of vegetation, moving or filing of land, or excavation of soil or mineral resources, or similar activity.

(h) Sediment: Solid materials, both mineral and/or organic, that is an suspension, is being transported, or has been moved its site of origin by wind, water and/or gravity as a product of erosion.

(i) Soil erosion and sediment control plan: The (approved) document required before any person may cause a disturbance to the natural terrain within the City as herein regulated. Also, herein referred to as erosion and sediment control plan, approved plan.

(j) Run-off: The surface water discharge or rate of discharge of a given watershed after a fall of rain or snow and including seepage flows that do not enter the soil but run off the surface of the land.

(k) Coastal Features: To include, but not be limited to: coastal beaches and dunes, barrier beaches, coastal wetlands, coastal cliffs, bluffs and banks, rocky shores and manmade shorelines.

(l) Vegetation & Soils: As defined by the United States Geological Services of the United States Department of Commerce.

(m) Watercourse: The term watercourse shall be held to mean any tidewater or coastal wetland at its mean high water level, and any freshwater at its seasonal high water level, including, but not limited to, any river, stream, brook, pond, lake, swamp, marsh, bog, fen, wet meadow, or other standing or flowing body of water. The edge of the watercourse as herein defined shall be used for delineation purposes.

Section 2. - Severability

If any provisions of this Ordinance or any rule or determination made hereunder, or application hereof to any person, agency or circumstances is held invalid by a court of competent jurisdiction, the remainder of this Ordinance and its application to any person, agency, or circumstance shall not be affected thereby. The invalidation of any section or sections of this Ordinance shall not affect the validity of the remainder of this Ordinance.

Section 3 - Effective Date

This Ordinance shall take effect on the eleventh (11th) consecutive date following its passage by the Woonsocket City Council in accordance with the provisions of Article III, Section 9 of the Woonsocket Home Rule Charter and any Ordinances or portions of Ordinances inconsistent herewith are hereby repealed.

N. David Bouley

City Councilman

IN CITY COUNCIL September 7, 1993 - Read by title and passed for the first time.
IN CITY COUNCIL September 20, 1993 - Read by title and passed.
Signed and approved by Mayor Francis L. Lanctot - September 23, 1993

CITY OF WOONSOCKET
RHODE ISLAND

WOONSOCKET LAW DEPARTMENT
169 Main Street
PO Box B
Woonsocket, RI 02895-4379

Tel. (401) 767-9201
Fax (401) 769-0316

December 1, 2010

Eric A. Beck, PE, Supervising Engineer
Office of Water Resources
Rhode Island Department of Environmental Management
235 Promenade Street
Providence, RI 02908-5767

Dear Mr. Beck:

This is to certify that on behalf of the [City of Woonsocket, Rhode Island that I have read the requirements of the *RIPDES General Permit for Storm Water Discharge from Small Municipal Separate Storm Sewer Systems and from Industrial Activity at Eligible Facilities Operated by the Regulated small MS4s* (small MS4 GP), Permit # RIR040000, consulted with the appropriate municipal staff, and determined that the attached ordinances entitled:

- Soil Erosion and Sediment Control Ordinance (enclosed) and adopted 1993.
- Post Construction Ordinance (enclosed) and adopted 2005.
- Illicit Discharge Prohibition Ordinance (enclosed) and adopted 2005.

Provide the authority to adequately carry out the requirements of Part IV.B.4.a.&b of Construction Site Storm Water Runoff Control; Part IV.B.3.b.1 of Illicit Discharge Detection and Elimination; Part IV.B.5.b.9 of Post Construction Storm Water Management of the small MS4 GP.

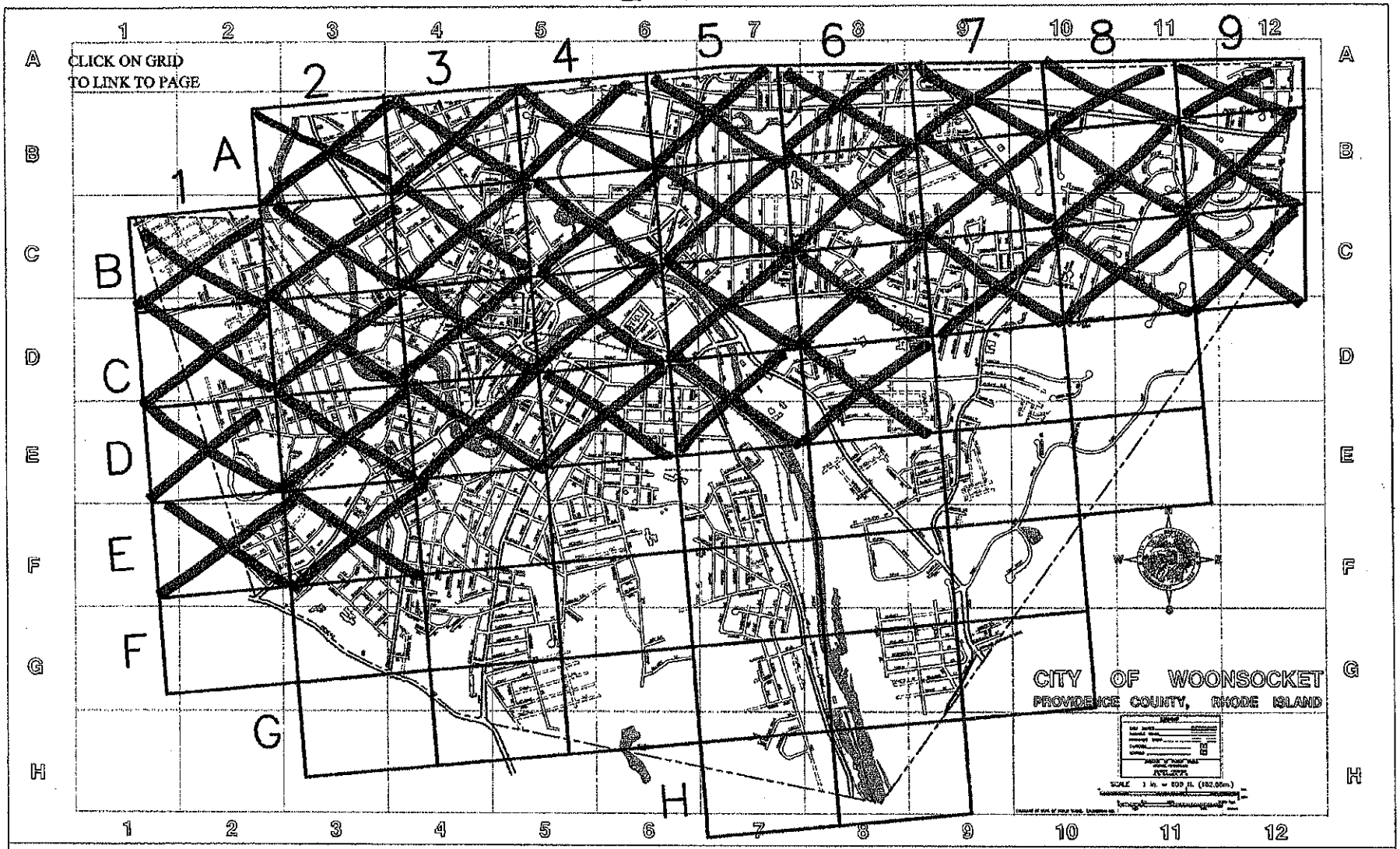
Sincerely,

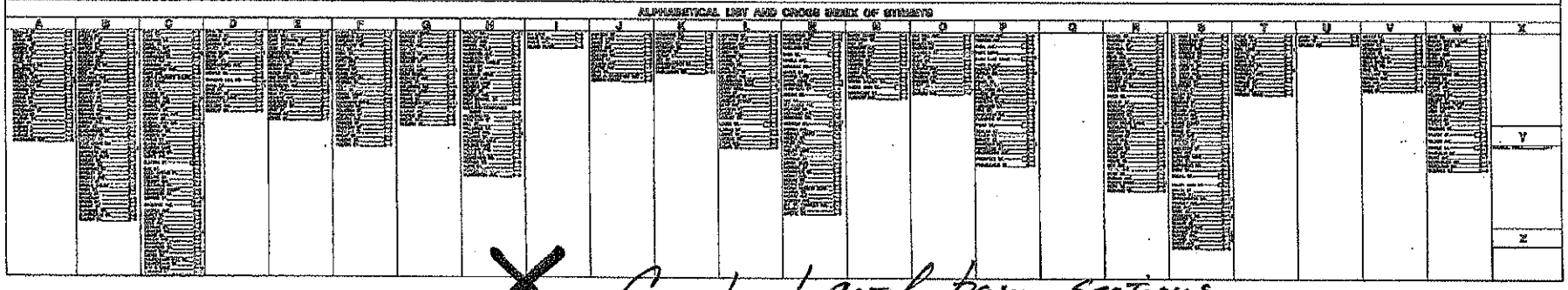
Joseph P. Carroll
City Solicitor

cc: Mayor Leo Fontaine, Acting Director of Public Works

FORWARD WOONSOCKET
"A CITY ON THE MOVE"

2010





X = Completed catch basin sections

2010 BMP LIST

CITY OF WOONSOCKET | DEPARTMENT OF PUBLIC WORKS | ENGINEERING DIVISION

LOCATION	OWNER	MAP	LOT
PARK EAST DR / CVS DRIVE	CITY OF WOONSOCKET	F7	56-15
WALMART (woonsocket) (2 one in front one in back)	WALMART STORES 702 SOUTHWEST 8TH STREET BENTONVILLE AR 72716	B7	52-6
LOWES (Woonsocket)	SFFGA Rhode Island LLC PO Box 1000 Dept 2ETA Mooresville NC, 28115	B7	52-20
BROOKHEAVEN POND (2)	Advanced Condo Management Corporation 40 Mechanic Street Suite 301 Foxboro MA, 02035	C8	58-31
TARA LANE/ LEDGEWOOD DR.	CITY OF WOONSOCKET	C7	58-37
EAST WOONSOCKET	CITY OF WOONSOCKET	B7	57-88
HOLLY SPRINGS (POND) (Naturally acuuring)	H S Realty Corporation PO BOX 3107 South Attleboro, MA 02703	D7	55-1
HOLLY SPRINGS (BASIN)	WILFRED DESROSIERS 306 HOLLY LANE WOONSOCKET, RI 02895	D7	55-203
OREGON AVE	CITY OF WOONSOCKET	D7	59-2
DIAMONDHILL RD (Darling Pond)	CITY OF WOONSOCKET	B7	53-5
ROBINSON STREET POTHIER SCHOOL	CITY OF WOONSOCKET	C5	36-136
PARK DRIVE & HARTFORD AVE	OAKLAND GROVE ASSOCATES 560 CUMBERLAND HILL RD WOONSOCKET, RI 02895	E6	41-29
1026 PARK EAST DRIVE	CVS Pharmacy Inc One CVS Dr. WOONSOCKET, RI 02895	D7	59-13
360 PARK EAST DRIVE	TECHNIC, INC 300 PARK EAST DRIVE WOONSOCKET, RI 02895	E6	50-51
500 PARK EAST DRIVE	RI INDUSTRIAL FACILITIES CORP 500 PARK EAST DRIVE WOONSOCKET, RI	E7	50-211
1 CVS DRIVE	CVS	F7	51-2

	1 CVS DRIVE WOONSOCKET, RI 02895		
811 PARK EAST DRIVE	RETAIL GRAPHICS 811 PARK EAST DRIVE WOONSOCKET, RI 02895	E7	56-6
475 PARK EAST DRIVE	CVS 1 CVS DRIVE WOONSOCKET, RI 02895	E7	56-23
117 CENTURY	JM & KM REALTY LLC 1775 SNAKE HILL ROAD CHEPACHET, RI 02814	E7	59-21
GAUTHIER DRIVE (2)	CITY OF WOONSOCKET	G5	33-54
222 GOLDSTEIN DRIVE	IMPREGLON INC 220 FAIRBURN INDUSTRIAL PARKWAY FAIRBURN, GA 30213 (also services 100 Goldstein Dr stormwater)	E7	50-233
88 CENTURY DRIVE	CITY OF WOONSOCKET (by easement)	E7	55-20
	ACW REALTY LLC (property owner) 88 CENTURY DRIVE WOONSOCKET, RI 02895		

CITY OF WOONSOCKET | DEPARTMENT OF PUBLIC WORKS | ENGINEERING DIVISION

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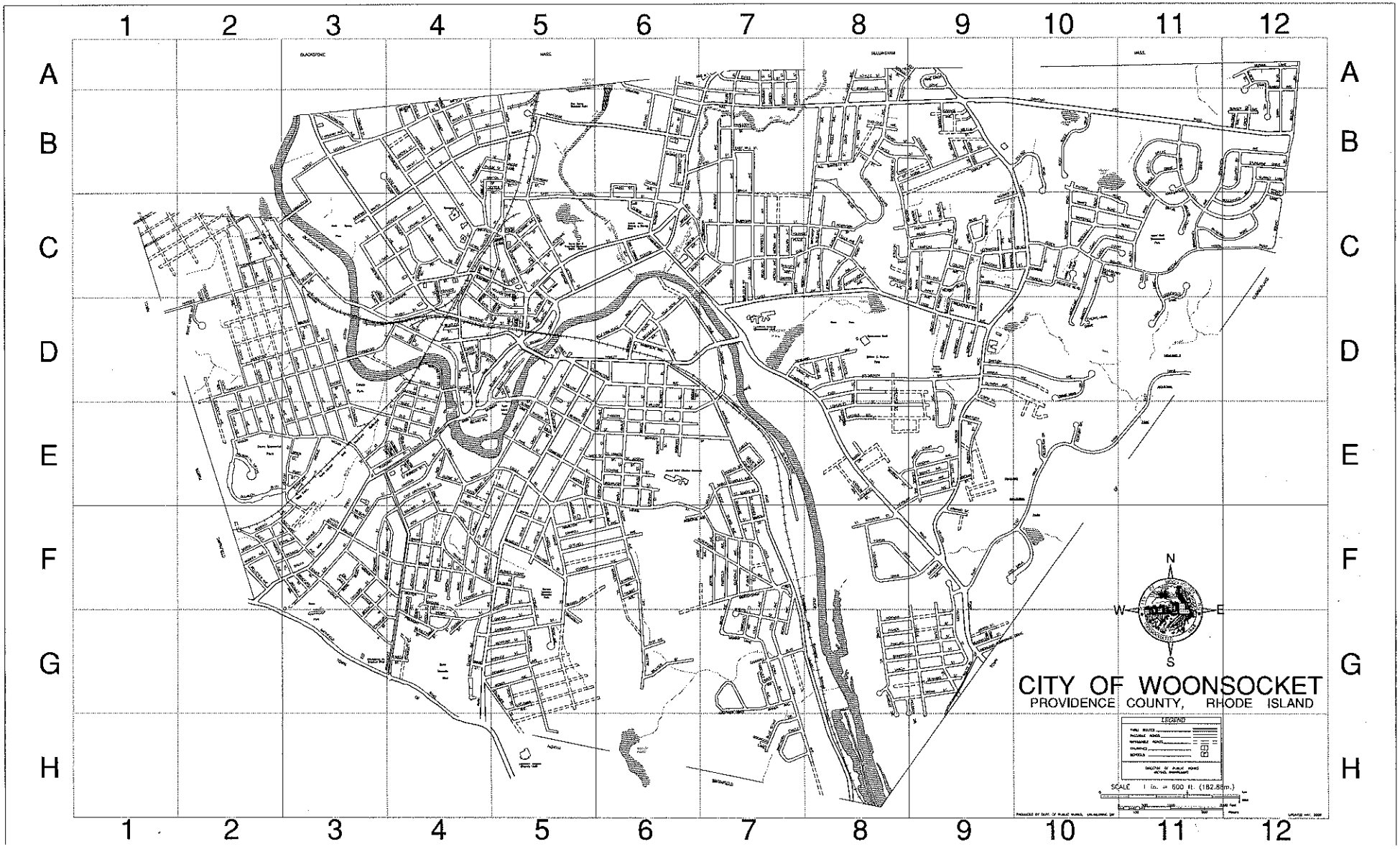
CITY OF WOONSOCKET
PROVIDENCE COUNTY, RHODE ISLAND
LEGEND
N
W
E
S

SURVEY - 2010 Construction Projects Review and Inspection Status

Phase II MS4 General Permit

Office of Water Resources, RIPDES

DEM USE ONLY

Date Received _____

Dear MS4 Storm Water Coordinator:

In addition to the reporting information required by the Year 7 Annual Report, DEM is requesting information regarding the number and type of construction permit reviews and inspections performed by each MS4 during calendar year 2010. Therefore, please take a few minutes to complete the following survey and be as specific as possible. Please submit this completed survey to DEM along with the Year 7 Annual Report *by March 10, 2011*.

MINIMUM CONTROL MEASURE #4:
CONSTRUCTION SITE STORM WATER RUNOFF CONTROL (Part IV.B.4 MS4 General Permit)

RIPDES Permit #RIR04016 NAME OF MS4 CITY OF WOONSOCKET

1a	How many construction projects with equal to or greater than 1 acre of land disturbance were reviewed and permitted in your municipality/MS4 during 2010?	0
1b	How many of the projects that were reviewed and permitted were greater than 5 acres?	0
2	Of those construction projects that were equal to or greater than 1 acre of disturbance, how many were also subject to regulation by:	
	Freshwater Wetlands Program	0
	CRMC/Water Quality Cert. only	0
	RIPDES only	0
	RIPDES and CRMC/Water Quality Cert.	0
3a	Does your municipality/MS4 track the size of construction projects?	YES
3b	Does your municipality/MS4 track the type of construction projects? (E.g. residential, commercial, industrial, etc.)	YES
3c	What system of tracking does your municipality/MS4 use? (Please explain) Projects are tracked through the City's Outlook database which is used to manage size, type, review status and other relevant information.	
3d	Does your municipality/MS4 use or intend to use the ASIST asset management software to track projects? The City does not currently use the ASIST software to track projects but is considering integrating this system with the City's existing GIS.	

4a	Does your municipality/MS4 issue construction permits for projects with less than 1 acre of disturbance?	YES
4b	If so, what kind of construction permits does your municipality/MS4 issue for projects with less than 1 acre of disturbance?	
	Do you issue permits for erosion and sediment control?	NO
	Do you issue permits for post-construction/storm water management?	NO
	What other kinds of construction permits do you issue? Building Permits	
5	Does your municipality/MS4 implement the same construction program town- or citywide as it does within urbanized or densely populated areas?	YES
	For questions 6, 7 and 8, please add contact information if there are multiple people responsible.	
6	Who in your municipality/MS4 is responsible for reviewing construction project applications? Name: Chris Chianese (& Michael Debroisse – see below) Title/Dept: Building Official Email: cchianese@woonsocketri.org Phone: 767-9246	
7	Who in your municipality/MS4 is responsible for permitting construction projects? Name: Michael Debroisse (& Chris Chianese – see above) Title/Dept: Super. / Engineering Email: mdebroisse@woonsocketri.org Phone: 767-9216	
8	Who in your municipality/MS4 is responsible for inspecting construction projects? Name: Michael Debroisse & Chris Chianese Title/Dept: see above Email: see above Phone: see above	

Thank you for taking the time to complete this survey.

Please sign and mail this completed survey along with the Year 7 (2010) Annual Report to:

Attn: Ms. Jennifer Stout
RIDEM - Office of Water Resources
RIPDES Program - Permitting Section
235 Promenade Street
Providence, RI 02908

Submission deadline is March 10, 2011.

Michael F. Debroisse, Superintendent of Solid Waste/Engineering
NAME and TITLE of Storm Water Coordinator (or other person completing this survey)

SIGNATURE 3/10/11 DATE