

US EPA ARCHIVE DOCUMENT



Office of Technical & Customer Assistance

Quarterly Project Report

Project Title: *MS4 Construction Site Runoff Control Environmental Results Program*

Project Manager: Ronald Gagnon, P.E., Chief
Telephone: (401) 222-4700, Ext. 7500
Fax: (401) 222-3810
Email: ron.gagnon@dem.ri.gov

Reporting Period: April 1, 2008 to June 30, 2008

Project Description: The Construction Site Runoff Control minimum control measure is one of six measures that the operator of a Phase II regulated small municipal separate storm sewer system (MS4) is required to include in its stormwater management program to meet conditions of its Rhode Island Pollutant Discharge Elimination System (RIPDES) permit. The Department of Environmental Management (DEM) works with 34 Storm Water Coordinators to implement the requirements of the Phase II Final Rule. The DEM amended the RIPDES Regulations on February 5, 2003 to include the Phase II requirements for the MS4s. The regulations require MS4s to comply with six Minimum Control Measures. This grant proposal presents an ERP approach to self-certify compliance with, confirm compliance with, and measure compliance with the Construction Site Runoff Control Minimum Control Measure. DEM, working with the University of Rhode Island, will develop a mandatory self-certification program for construction site owners/operators using ERP tools for the use of BMPs to control erosion and sedimentation from construction sites greater than one acre.

Problem Statement - MS4s in Rhode Island:

This grant will address the specific problem of noncompliance with the requirements of the Rhode Island General Permit for Stormwater Associated with Construction Activity and local erosion and sediment control ordinances. The Stormwater Phase II Final Rule for Construction Site Runoff Control Minimum Control Measure (Specific link to EPA's Strategic Goal 2 – Clean and Safe Water) requires municipalities to develop Qualified Local Programs (QLPs) and perform inspections of 100% of construction activities greater than one acre within their jurisdiction. Diminishing resources at the federal, state and local levels is making it much more difficult for MS4 operators to implement compliance and inspection programs. This project will develop an ERP model as a means of satisfying the small MS4 General Permit requirements.

Project Activities Completed During Reporting Period:

- May 23, 2008 - Meeting with RIPDES staff and University of Rhode Island to review draft compliance check list. Dr. Gene Park developed the draft compliance check list based on the Rhode Island Storm Water Construction General Permit Inspection Report, EPA

guidance documents, and previously developed ERP check lists that are in use for other sectors. The draft check list is included as an attachment.

- June 25, 2008 – Meeting with RIPDES staff and University of Rhode Island to review selection of random baseline inspections and to develop a plan to complete baseline inspections using draft check list. A total of 100 baseline inspections will be completed by October 31, 2008. Inspections will be conducted by the DEM Office of Compliance and Inspection (30), DEM Office of Water Resources (20), DEM Office of Technical and Customer Assistance (15), University of Rhode Island (5), Local MS4 Coordinators (30). The list of the random baseline projects that will be inspected is included as an attachment.
- Also developed and discussed proposed changes to the General Permit that will require self-certifications. The draft language that was developed is attached.
- No grant expenditures were charged during this quarter. The Rhode Island fiscal year begins on July 1. Charges to the grant will begin after that date and will be included in the next quarterly report.

Major Activities Planned for Next Quarter:

- Coordinate meeting for inspectors conducting random inspections. Begin conducting base line inspections.
- Participate in US EPA Stormwater Webcast – Stormwater 101: the Basics, on July 23, 2008.
- Develop proposed change for RIPDES Stormwater Construction General Permit that will require self-certification of compliance with permit using the ERP check list.