

US EPA ARCHIVE DOCUMENT



Office of Technical & Customer Assistance

Quarterly Project Report

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

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Reporting Period: January 1, 2008 to March 31, 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 constructions 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:

- January 24, 2007 - Meeting with RIPDES staff to kick off project.

- February 27, 2008 – Gave MS4 ERP presentation at University of Rhode Island Erosion and Sediment control Training.
- March 24, 2008 – Meeting with URI to review and discuss draft ERP check list. The check list is approximately 60% complete. A draft check list will be completed during the next quarter.
- Completed draft of universe estimate and sample size estimate (see attached).

Major Activities Planned for Next Quarter:

- Complete draft of check list
- Plan and schedule base line inspections