

US EPA ARCHIVE DOCUMENT



RHODE ISLAND
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

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TDD 401-222-4462

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, 2009 to March 31, 2009

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:

- Meetings were held on February 11, 2009 and March 3, 2009 to review the list of random projects scheduled for inspection in the spring. The continuing economic condition has resulted in many permitted projects delaying construction. The project team reevaluated the

random list of projects and updated the random list to include recently permitted projects with the expectation that these projects may be proceeding to construction in the spring summer timeframe. A summer intern (civil engineering student) was also selected to assist the team with data collection and analysis.

	DEM	URI
Total Allocated	\$75,400.00	\$115,000.00
Spent Previously	\$5,200.00	\$81,642.00
Spent this Quarter	\$2,500.00	\$4,451.00
Remaining	\$67,700.00	\$28,907.00

Major Activities Planned for Next Quarter:

- Develop inspector workshop.
- Continue base line inspections.
- Continue analysis of baseline inspection data.