

The University of Alabama

Phase II Annual Report

2015

I. **Public Education and Outreach**

EHS has developed a public education and outreach program which is designed to distribute information throughout the campus community. The impact of stormwater discharges on local bodies of water and steps to reduce pollutants are detailed. Seven BMP's are used to educate and inform. These are printed materials, website hosting, public service, advertisements, impacts of illegal dumping, construction activity education, importance of water quality and education of construction and project supervisors.

A. Printed Materials

A variety of printed materials are used. Ads appear regularly in the campus newspaper the Crimson White (CW). Construction site yard signs are used for campus projects.

B. Stormwater Website

EHS maintains a website which provides information, educational opportunities and the written stormwater management program.

C. Public Service Ads

Public service advertisements are utilized. These are printed in regular intervals in the Crimson White newspaper.

D. Impacts of Illegal Dumping

Educating the campus community on the impact of illegal dumping and littering is an aspect of all the educational and public service materials.

E. Educational Concerning Construction Activities

Training modules and information related to construction on campus are included as part of the EHS website.

F. Importance of Water Quality

Education of the campus community regarding the importance of water quality is a priority of the public service and information program provided by EHS.

G. Education of UA and Contractor Project Supervisors

All construction project supervisors are required to complete training modules which were developed to detail elements of sediment and erosion control and other construction aspects related to stormwater management.

II. Public Involvement

EHS solicits public involvements in the stormwater management program with the Stormwater Committee and the marking program.

A. Stormwater Management Committee

Current committee membership includes:

Tim Leopard- Construction Administration
Randal Winters- UA Garage
Steven Mize- Plumbing Shop
Tony Johnson- Recycling
Brian Giles- Advertising
Richard Powell- Construction Administration
Mike Brass- University Recreation
Brandon Savage- UA Athletics
Rose Cianfarani- Student Representative
Hal Barrett- EHS
Jeff Hallman- EHS

A meeting was held in June of 2014. The items discussed were training info on the website, the current ad campaign, outfall inspection and the problems with UA vehicles leaking fluids.

B. Storm Sewer Marking

Approximately 30% of the storm sewer covers on campus have been marked with "No Dumping Drains to River" disc or new covers which are marked when manufactured.

III. Illicit Discharge Detection and Elimination

This measure focuses on BMP's concerned with the detection and elimination of illicit discharges.

A. Stormwater Sewer System Map

A new updated system map was completed in late 2011. Modifications and additions are made as they occur.

B. Dry Weather Inspections

Annual dry weather screenings were completed for 2013. No problems were observed or detected at any outfall.

C. Employee Training

The number of UA personnel trained as part of this BMP was 314. Personnel from EHS, Construction Administration, UA Grounds and Facilities are included.

D. Illegal Dumping Detection and Reporting

Dry weather screening has been developed to identify potentially illegal discharges. Training has been provided regarding how to identify and report illicit discharges. There were no reports of identifications of illicit discharges or dumping in 2014.

IV. Construction Site Runoff Control

This control measure consists of ways to reduce pollutants in runoff from construction sites. Sediments are of the greatest concern.

A. Education

Training includes site management, reporting discharges and evaluation of inspection results. This is provided to project supervisors and construction site operators. In 2014 over 100 persons completed training modules.

B. Construction Plan Review

All UA construction plans incorporate BMP's. Written sediment and erosion control plans are part of all applicable construction plans. All have been reviewed and approved. None have been significantly modified or rejected.

C. Construction Site Inspections

Contractors and project managers are required to conduct construction site inspections. The only corrective actions required in 2014 involved silt fence maintenance.

D. Construction Site Problem Reporting

There have been no public reports related to construction site problems.

V. Post Construction Site Runoff

A. Plan Review

All construction plans are viewed to determine if post construction runoff will negatively affect water quality. There have been no elements requiring a plan revision.

B. Protection of Sensitive Waters

The 303(d) listing of impaired waters is routinely reviewed to ensure that local bodies of water which receive stormwater runoff are not listed.

C. Local Interaction

The University interacts with the City of Tuscaloosa which is an adjacent MS4.

VI. Pollutant Prevention

This control measure is designed to reduce and eliminate pollutants in stormwater that originates from operation and maintenance activities.

A. Roadway Maintenance

During 2014 there were no significant roadway maintenance projects.

B. Street Sweeping

The University dedicates 40 man hours per week to street sweeping roadways. All campus roads are included.

C. Litter Collection

Trash collection is a daily activity on campus. The location of trash receptacles is periodically evaluated. Over 300 hours per week are dedicated to trash and litter collection.

D. Herbicide Application

Landscaped areas, open spaces, athletic fields, and recreational areas are among the University Grounds which are regularly treated with herbicides. During growth seasons about 1600 gallons of dilute end product is applied per week.

E. Vehicle Maintenance

UA operates a full service garage. Maintenance and service records are available for review at the UA garage.

F. Hazardous Material Involvement

EHS continues to operate a turnkey hazardous material management program. This includes an inventory system, audits and disposal of hazardous materials.

G. Employee Training

Over 300 University personnel have received training regarding pollution prevention and good housekeeping. These personnel are from EHS, Grounds, Facilities, and other area on campus.

During 2014 there were no stormwater related incidents that resulted in enforcement activities.