



# Stormwater Management Plan

THE UNIVERSITY OF ALABAMA®

# Overview

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It is vitally important that we protect our most valuable natural resources, such as rivers, streams, lakes, ponds and waterways.



# Overview

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- Management of stormwater runoff is necessary to protecting these resources.



# Overview

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- Any contaminants or pollutants which enter the storm sewer system eventually effect our waterways.



# Overview

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- In 2003, The University of Alabama filed a Notice of Intent (NOI) with Alabama Department of Environmental Management (ADEM). This amounted to an application to discharge stormwater.



# Overview

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- On January 1, 2004, ADEM issued coverage to The University of Alabama (UA) under the State general NPDES permit.



# Overview

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- On February 1, 2011, ADEM issued phase 2 of The University of Alabama NPDES stormwater discharge permit.



# Overview

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- As a part of the UA Discharge Permit, EHS has developed a Stormwater Management Plan which is composed of six elements:





# Overview

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- Six Elements of the Stormwater Management Plan:
  - Public Education and Outreach
  - Public Involvement
  - Illicit Discharge Detection and Elimination
  - Construction Site Runoff
  - Post Construction Site Runoff
  - Pollution Prevention and Good Housekeeping



# Public Education & Outreach

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- EHS has developed several methods for distributing information regarding water quality and the Stormwater Management Program. Among these are:

- Brochures & Fliers
- EHS Website
- Public Service Ads
- Educational Programs
- Digital Media Signage



# Public Involvement

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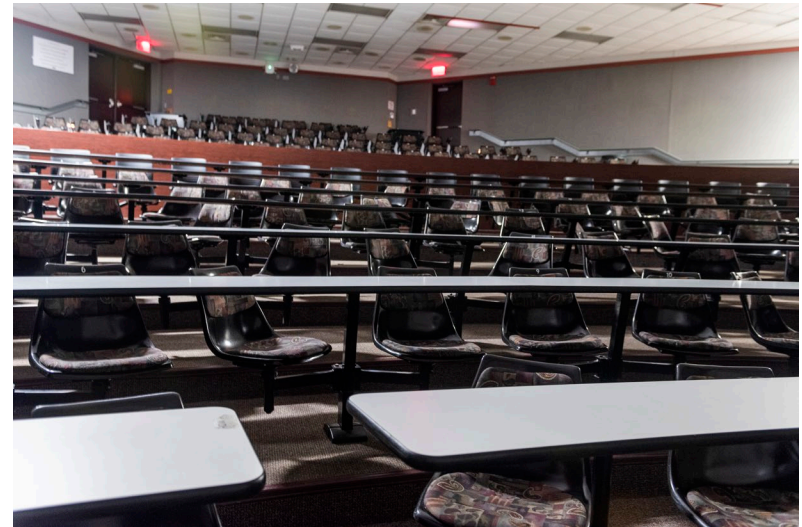
- EHS solicits public involvement in the Stormwater Management Program. Among the ways provided are:
  - Stormwater Management Committee
  - Storm Sewer Marking Program



# Illicit Discharge Detection & Elimination

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- EHS utilizes a number of measures to detect and eliminate illicit discharges. These are:
  - Maintenance of a storm sewer map
  - Dry weather outfall inspections
  - Employee training
  - Illegal dumping detection and reporting



# Construction Site Runoff Control

- Construction site runoff control measures are designed to reduce pollutants in runoff. These are:
  - Education of project supervisors
  - Plan review
  - Site inspections
  - Reporting problems



ENVIRONMENTAL  
SAFETY

A "Site Pre-Approval Sign-Off Sheet" form. The form includes fields for U.S. Project, U.S. POC, U.S. PC, Project Start Date, Construction Contacts, Project Location, Project Department, Other, U.S. Project Address No., Phone Area, Phone Email, U.S. Project Email, U.S. Project Phone, U.S. Project Fax, U.S. Project Website, U.S. Project LinkedIn, U.S. Project Facebook, U.S. Project Twitter, U.S. Project YouTube, U.S. Project Instagram, U.S. Project Snapchat, U.S. Project RSS, U.S. Project Podcast, U.S. Project Blog, U.S. Project News, U.S. Project Press, U.S. Project Social, U.S. Project Other. There is a section for "In Case of Emergency" with fields for U.S. Emergency, U.S. Construction Area, Key Contact, U.S. Project Location, U.S. Project Address, U.S. Project Phone, U.S. Project Email, U.S. Project Website, U.S. Project LinkedIn, U.S. Project Facebook, U.S. Project Twitter, U.S. Project YouTube, U.S. Project Instagram, U.S. Project Snapchat, U.S. Project RSS, U.S. Project Podcast, U.S. Project Blog, U.S. Project News, U.S. Project Press, U.S. Project Social, U.S. Project Other. The form also includes a signature line for the U.S. Field Coordinator and a date field.

# Post Construction Site Runoff

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- Several procedures are utilized to minimize water quality impact from new and redevelopments once construction is complete. These are:
  - Plan review
  - Review the impaired waters list
  - Interaction with the City of Tuscaloosa on water quality issues



# Pollution Prevention

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- Operation and maintenance may contribute to runoff pollution. Activities identified as potential contributors include:
  - Vehicle maintenance
  - Roadway maintenance
  - Herbicide application
  - Hazardous material handling



# Methods to Reduce Pollution

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- Some ways to reduce pollutants include:
  - Management of Hazardous Materials
  - Street Sweeping
  - Litter Collection
  - Employee Training
  - Herbicide Tracking







## **Environmental Health & Safety**

- For any concerns, questions, or comments regarding stormwater, contact Environmental Health & Safety (EHS) at 205-348-5905.