



STORMWATER PROGRAM
Construction Site Runoff

THE UNIVERSITY OF ALABAMA®

Construction Site Runoff

- On February 1, 2011, Alabama Department of Environmental Management (ADEM) issued Phase 2 of The University of Alabama National Pollutant Discharge Elimination System (NPDES) stormwater discharge permit.



Construction Site Runoff

- As part of the UA discharge permit, EHS has developed a stormwater management plan which is composed of 6 elements.
 - Construction site runoff is one of the six minimum control measures.



Best Management Practices

- The Best Management Practices (BMPs) for the construction site runoff control measure are:
 - Plan Review
 - Education
 - Inspections
 - Problem Reporting



Plan Review

- Construction Administration will review construction plans to ensure they contain sediment and erosion control plans and conformance to stormwater guidelines.

Site Prep Approval Sign-Off Sheet
(Must be completed prior to starting actual construction)

UA Project _____ UA Project Account No. _____
UA PID _____ Please Email _____
UA PC _____ Please Email _____
Project Start Date _____

Contractor Contacts:
Contractor _____
Project Manager _____ Please Email _____
Project Superintendent _____ Please Email _____
Other _____ Please Email _____

Pre-Erosion Verification Complete _____ Date _____
Fencing and Screening Installed _____ Date _____
Erosion Controls Installed _____ Date _____
Site Entrance Installed per plan _____ Date _____
Tire Wash Rack Installed _____ Date _____
Silt Protection Installed _____ Date _____
Expanding Storage Pallets _____ Date _____
Tree Protection Installed _____ Date _____
Traffic Plan as Required _____ Date _____
Other Requirements _____ Date _____

In Case of Emergency

For ACA Emergencies, Please Call UA Police Department (202) 745-7424	
UA Construction Admin. Rep. Chad Edler (202) 745-7427 cedler@aca.edu	
If unable to reach Construction Admin. Rep., please use contacts below:	
UA Telecommunications (202) 745-2015	UA Plumbing (202) 745-3131
UA Electrical (202) 745-3445	UA Grounds Services (202) 745-3451

Comments _____

By signature below, the UA Field Coordinator and the Contractor Superintendent have verified the project site and confirmed that all required site safety and protection measures are in place and are installed properly. Work on the project may now proceed. This Form must be submitted to the UA Project Manager.

General Contractor Superintendent _____ Date _____
UA Field Coordinator _____ Date _____

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Education

- Training will be provided to UA project managers and construction site supervisors regarding site management, inspections and how to report discharges.



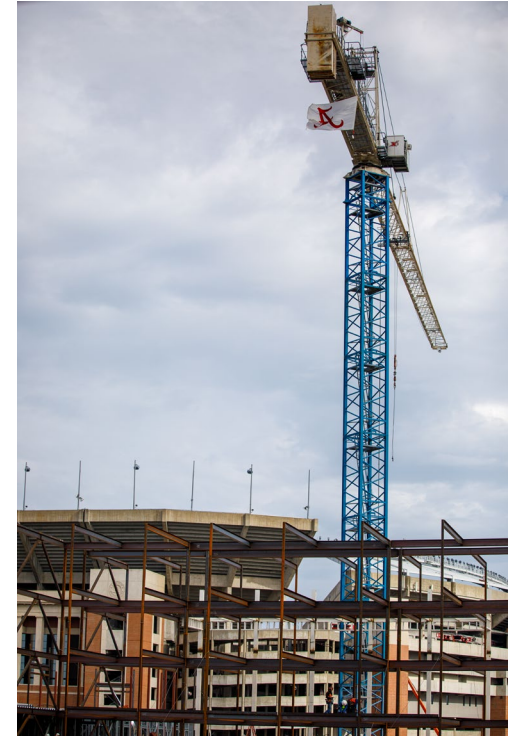
Site Inspections

- Construction site inspection procedures for project managers and site supervisors have been developed by Construction Administration.
- Contractors will perform daily self-inspections and take immediate action when noncompliance conditions are observed.



Site Inspections

- UA Project Engineers will perform inspections of construction sites and undertake corrective action as required.
- Inspection results are reported to Construction Administration.
- Individuals observing problems connected with construction sites may report the issue to EHS at 205-348-5905 or Construction Administration at 205-348-5950.



Site Management

- There are two main best management practices that may be utilized for control of stormwater at construction sites:
 - Stabilization Practices
 - Structural Practices



Stabilization Practices

- Stabilization practices help prevent erosion that contributes sediment to stormwater
- Typical Stabilization Practices
 - Seeding
 - Mulching
 - Sod Stabilization
 - Vegetation Buffer Strips
 - Protection of Trees
 - Preservation of Mature Vegetation
 - Decreasing Slope Angles or Lengths



Structural Practices

- Structural practices diverts flow from exposed soils, stores flow, or limits runoff and the discharge of pollutants from exposed areas of the site. Typical structural practices can include:
 - Silt Fences
 - Earth Dikes
 - Drainage Swales
 - Sediment Traps
 - Check Dams
 - Subsurface Drains
 - Storm Drain Inlet Protection
 - Soil Retaining Systems
 - Sediment Basins



Annual Report

- Information related to the construction site runoff minimum control measure will be included in the annual report.





Environmental Health & Safety

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