



# 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.
- Training and education of the public, University employees, and construction site personnel is extremely important.



# Overview

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- Any contaminants or pollutants which enter the storm sewer system eventually effect our waterways.
- For this reason, stormwater training provides information on the importance of water quality, and efforts required to maintain water quality and reduce/eliminate illegal dumping and littering.
- Additionally, training for construction project managers and contractors emphasizes the selection, design, implementation, and maintenance of erosion and sediment control mechanisms.



# 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.

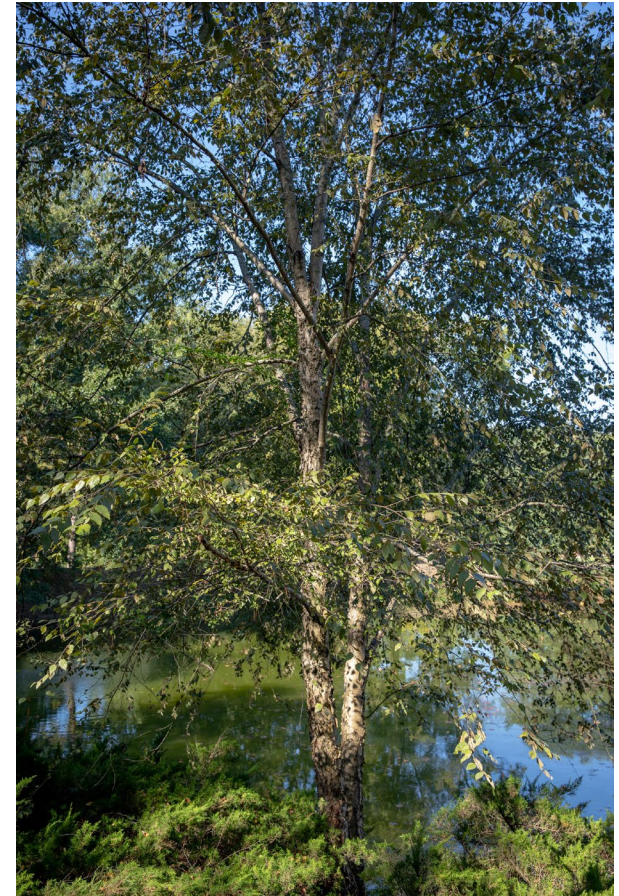




# Overview

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- The University of Alabama NPDES permit has been renewed several times.
- The current permit issuance date is referenced as September 16, 2021, with an effective date of October 1, 2021. This permit will remain active until September 30, 2026.





# 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 minimum control elements:



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- Six Minimum Control Elements of the Stormwater Management Plan:
  - Public Education and Public Involvement
  - Illicit Discharge Detection and Elimination
  - Construction Site Stormwater Runoff Control
  - Post-Construction Stormwater Management in New Development and Redevelopment
  - Pollution Prevention and Good Housekeeping
  - Enforcement



# Public Education & Public Involvement

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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 Education & Public Involvement (continued)

- EHS solicits public involvement in the Stormwater Management Program. Some methods of public involvement include, but are not limited to:
  - Stormwater Management Committee
  - Storm Sewer Marking Program
  - Campus Cleanup Activity



# Illicit Discharge Detection & Elimination

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







# Post-Construction Stormwater Management

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



# Pollution Prevention & Good Housekeeping

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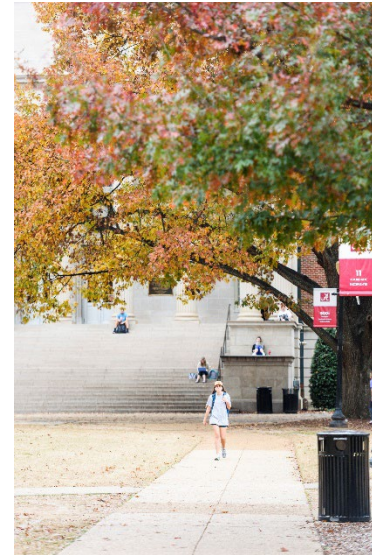
- Operation and maintenance may contribute to runoff pollution. Activities identified as potential contributors include:
  - Vehicle maintenance
  - Roadway maintenance
  - Herbicide application
  - Hazardous material handling



# Pollution Prevention & Good Housekeeping (continued)

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- Good housekeeping efforts focus on the reduction of pollutants. Good housekeeping efforts include, but are not limited to:
  - Street sweeping
  - Litter collection
  - Recycling
  - Hazardous Material Management





# Enforcement

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- The spilling, dumping, disposal, or discharge of materials other than stormwater, causing illicit discharge of pollutants to the MS4 is prohibited.
  - Policies outlining enforcement procedures and actions are currently under review and can be found in The University of Alabama Stormwater Policy.



# Enforcement (continued)

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- Adherence to required stormwater related signage prohibiting littering and illegal dumping, erosion and sediment controls, training, development, inspection, and use of BMPs is required.
- Failure to comply with the requirements specified within the Stormwater Policy can be punishable in accordance with applicable laws or regulations, or result in fines, penalties, and disciplinary actions, up to and including termination.



## Enforcement (continued)

- As the University is located within the Tuscaloosa City limits, stormwater ordinances outlined by the City of Tuscaloosa are also applicable.
  - For more information related to Tuscaloosa NPDES Stormwater Compliance and related ordinances, see Chapter 21 [Article IX](#) of the City of Tuscaloosa Code of Ordinances.







## **Environmental Health & Safety**

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