UNIVERSITY OF NORTH ALABAMA

MUNICIPAL SEPARATE STORM SEWER (MS4) STORM WATER MANAGEMENT PROGRAM ANNUAL REPORT

April 1, 2025 – March 31, 2026

NPDES Permit No. ALR040063

UNIVERSITY OF NORTH ALABAMA

MS4 STORM WATER MANAGEMENT PROGRAM
NPDES Permit No. ALR040063

ANNUAL REPORT

April 1, 2025 – March 31, 2026

Certification Statement

I certify under the penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Evan Thornton, CFO
Vice President,
Business and Financial Affairs

Date

i. Primary Contacts – University of North Alabama, 1660 Tune Ave., Florence, AL 35630

- Angela Zwissler – Director, Environmental Health and Safety, 256-765-4804, azwissler@una.edu
- Cindy Conlon – Associate Vice President, Facilities Administration and Planning, 256-765-4293, chconlon@una.edu
- Alan Dison – **Executive Director of Facilities Operations and Capital Projects**, 256-765-4871, adison1@una.edu
- Kendra White – **Director of Facilities Administration and Campus Support Services**, 256-764-4944, kwhite15@una.edu
- Hayden Hodge – Project Manager, **hhodge2@una.edu**, 256-765-6852

ii. Overall evaluation of the Storm Water Management Program developments and progress

a. Major accomplishments
   i. UNA now has 3 certified Ornamental & Turf Pest Control Supervisors (OTPS) to conduct and supervise the application of pesticides and herbicides, an increase from previous years.
   ii. Campus participation greatly increased this year through involvement with Student Engagement activities.

b. Overall program strengths/weaknesses
   i. Strengths
      1. UNA has motivated and dedicated leadership to ensure the overall success of the Storm Water Management Program Plan.
      2. UNA works in collaboration with the City of Florence to support each other's Storm Water Management Programs.
      3. UNA employs a Grounds crew and their duties include daily outdoor litter collection.
      4. UNA employs 3 certified Ornamental & Turf Pest Control Supervisors (OTPS) to conduct and supervise the application of pesticides and herbicides
      5. UNA has a recycling program.
      6. The campus' Director of Environmental Health and Safety is on the Board of Directors for *Keep The Shoals Beautiful*.

   ii. Weaknesses
      1. Maintaining soil on construction job sites during rain events has presented challenges this reporting year.

c. Future direction of the program
   i. UNA is striving to find additional opportunities to involve more campus and community personnel. Strengthening the partnerships with Keep The Shoals Beautiful and the Muscle Shoals National Heritage Association (MSNHA) are focus areas. Increasing involvement with Student Engagement can also help increase our participation numbers in community involvement and community education.

ii. Continue to seek large scale opportunities, such as *The Big Deal*, for Public Education opportunities. This was an effective method of educating campus personnel during the first week of Fall classes.

d. Overall determination of the effectiveness of the Storm Water Management Program Plan regarding water quality/watershed improvements.
   i. Dry Screen Monitoring and quarterly Municipal Facilities inspections indicate that UNA's Storm Water Management Program Plan is effective. Sediment, litter, and oil are the top pollutants of concern. Litter on campus was infrequently noted during inspections or observed in campus conveyances.

e. Measurable goals that were not performed and reasons why the goals were not accomplished.
   i. Not applicable. All goals were performed and accomplished.

f. Results of monitoring data evaluation.
   i. Not applicable. UNA is not required to perform monitoring.

iii. Narrative report and assessment of all minimum control measures. Parts a. through e. describe the five minimum control measures, goals, progress, and an assessment of the progress. Section III identifies the controls planned for the next reporting cycle.

a. Public Education and Public Involvement of Storm Water Impacts

1. Input From the Public

An announcement was sent through UNA's twice weekly newsletter, the *Digest*, in the Nov. 2025, informing the campus community that their input was welcome in the development, revision, and implementation of the SWMPP. No input was received.

2. Public Education

i. Public Education was conducted in the form of distributing *Choose to Recycle* literature and UNA Stormwater Pollution Prevention brochures at the following events:
   a. Cypress Creek Pickup and Paddle, June 21, 2025, 22 participants
   b. The Big Deal, University of North Alabama Campus, August 21, 2025, over 2,000 participants
   c. Tennessee River Litter Tournament, September 20, 2025, 47 participants

The targeted pollutant source for these events was litter. Target populations include campus students and residents, employees and the surrounding community.

ii. The Stormwater Pollution Prevention brochures (Figure 1) were distributed during Public Education and Public Involvement events, and distributed on UNA's campus.

The targeted pollutant sources include litter, sediment, and oil. Target populations include

campus students and residents, employees, and the surrounding community.

iii. The stormwater pollution prevention information poster was utilized during Public Education events (Figure 2). A total of 11 education/awareness posters were distributed to campus bulletin boards.

The targeted pollutant sources include litter, sediment, and oil. Target populations include campus students, campus residents, and employees.

iv. The Clean Campus Poster Contest, a partnership with Keep The Shoals Beautiful, has a target audience of K-3rd and 4th-6th grade students in Lauderdale and Colbert County schools. Litter was the targeted pollutant source. The 2025 slogan was "Help The Shoals Thrive! Clean Up in 2025!". In 2024, there were 24 students participating from 11 schools. In 2025, there were 39 students participating from 13 schools.

Figure 1, Page 1 of 2

Figure 1, Page 2 of 2

What is Stormwater Runoff?

Stormwater runoff occurs when precipitation from rain or snowfall flows over the ground. Impervious surfaces like driveways, sidewalks, and streets prevent stormwater from naturally soaking into the ground.

Why is it a problem?

Stormwater can pick up debris, chemicals, dirt, and other pollutants and flow into a storm sewer system or directly to a creek, river or lake. Anything that enters a storm sewer system is discharged untreated into the waterbodies we use for drinking water, swimming, boating, and fishing.

Effects of Pollution

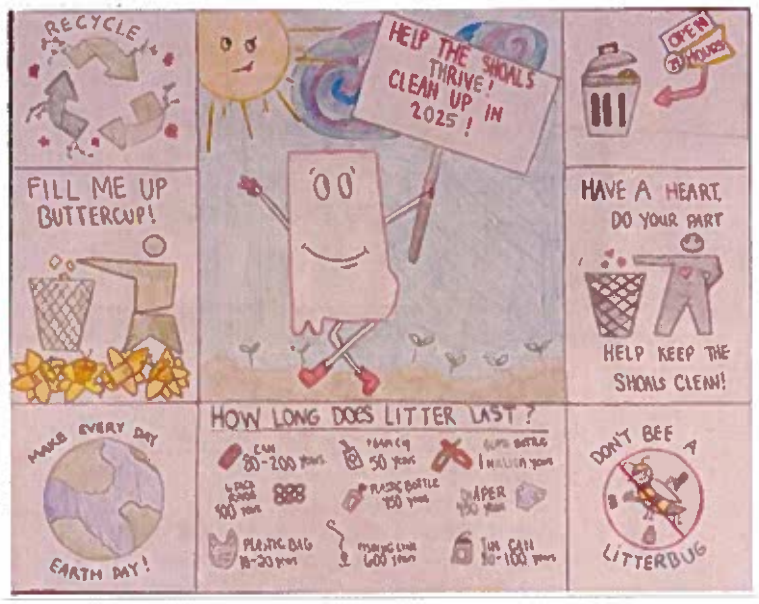
- Hazardous household products like insecticides, pesticides, paint, solvents, and used motor oil can poison aquatic life.
- Polluted stormwater can affect drinking water sources.
- Sediment clouds the water and makes it difficult for aquatic plants to grow; it can destroy aquatic habitats.
- Litter, including plastic bags, cans, bottles, and cigarette butts, washed into waterbodies can choke, suffocate, or disable aquatic life like ducks, fish, turtles, and birds.
- Nutrients applied in excess cause algae blooms. When algae die, they sink and decompose in a process that removes oxygen from the water. Fish and other aquatic organisms can't exist in water with low levels of dissolved oxygen.
- Bacteria and pathogens washed into swimming areas can create health hazards.

IF IT GETS ON THE GROUND, IT CAN GET INTO THE WATER. NO ONE WANTS TO DRINK FROM OR SWIM IN POLLUTED WATER.

Figure 2


LIONS DON'T LITTER
What is Stormwater Runoff?
Stormwater runoff occurs when precipitation from rain or snowfall flows over the ground. Impervious surfaces like driveways, sidewalks, and streets prevent stormwater from naturally soaking into the ground.
Why is it a problem?
Stormwater can pick up debris, chemicals, dirt, and other pollutants, and flow into a storm sewer system or directly to a creek, river, or lake.
About half of all litter on land ends up in our waterways. Anything that enters a storm sewer system is discharged untreated into water bodies like Cypress Creek and the Tennessee River, which we use for drinking water, swimming, boating, and fishing.
Our Planet, Our Responsibility
For questions about UNA's Stormwater Management Plan, or to report a concern:
7 AM - 4 PM, M-F: (256-765-4804)
After hours: (256-765-4357)
Email: ehs@una.edu
CLEAN STREETS CLEAN WATER
University of NORTH ALABAMA ENVIRONMENTAL HEALTH and SAFETY

Figures 3 and 4, Poster Contest Announcement and Winning Poster



3. Public Involvement Activities to Address the Reduction of Litter, Floatables, and Debris
UNA groups sponsored and participated in several public involvement activities which are listed in Table 1. Participants included members from the community and from a variety of campus student organizations and departments. Original sign-in sheets are available for review in the Environmental Health and Safety Department.

   i. The targeted pollutant source was litter. Target populations include campus students and residents, employees, and the surrounding community.

Table 1

Event Title, Date	Achievements
Cypress Creek Pickup and Paddle, June 21, 2025	22 UNA and community participants
Tennessee River Litter Tournament, September 20, 2025	47 UNA and community participants
Tennessee River Rescue, October 4, 2025	21 UNA and community participants
UNA Student McFarland Park Litter Pickup, November 19, 2025	12 UNA and community participants

Tennessee River Litter Tournament, September 20, 2025

Evaluation of the Effectiveness of the Control: This minimum control measure is effective. The partnership with Keep The Shoals Beautiful and the Muscle Shoals National Heritage Association helped to improve campus and community involvement through an increase in

the number of sponsored clean up events. UNA's Student Engagement Department also helped increase participation through hosting additional clean up events. This Minimum Control Measure allowed for frequent and meaningful activity related to UNA's Storm Water Management Program Plan. No BMP revisions are planned for this measurable goal.

b. Illicit Discharge Detection and Elimination (IDDE) Program

i. The map of campus outfalls is found in Attachment 1.

ii. UNA conducted dry weather screening at all (4) outfalls, listed below, each with a discharge to Unnamed Tributary to Cypress Creek:

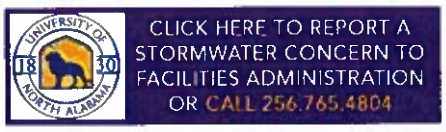
- Grounds Building (1)
- Parking Lot W, Cedar St. (1)
- East Campus (2)

Dry Weather Screening indicates that no pollutants were observed being discharged at the outfalls. The RY 2025-2026 Dry Weather Screening Forms are located in Attachment 2.

iii. The IDDE regulatory mechanism was reviewed and no changes were necessary. It is located in the Illicit Discharge Detection and Elimination folder on the Storm Water Management page: https://una.edu/facilities/environmental-health-and-safety/storm-water-management.html.

iv. Affected Facilities Department personnel (Maintenance, Grounds, and Project Managers) were trained on the identification, reporting, and corrective actions of illicit discharges by taking *UNA's Storm Water Management Plan Training* (Attachment 3) during March 2026. Employees new to the Facilities Department were trained during their first week of employment. The training also covers details of UNA's Storm Water Management Program Plan and describes ways to reduce and eliminate pollution. A list of the employees who completed the training is located in Attachment 4, Annual Training Roster.

The Storm Water Management Program training describes the negative consequences associated with illicit discharges and improper disposal of waste. The concerned person can either call Facilities Administration and Planning at 256-765-4804 or send an email by clicking on the link shown below on the Storm Water page on the UNA website (https://una.edu/facilities/environmental-health-and-safety/report-a-storm-water-concern.html).



There were no reported illicit discharges during this reporting cycle. Two storm drain markers were replaced at curb storm drains.

Assessment of the Control: This minimum control measure was determined to be effective. No BMP revisions are planned for this measurable goal.

c. Construction Site Storm Water Runoff Control

i. The applicable regulatory mechanism is outlined in the Division of Construction Management guidelines (https://dcm.alabama.gov/PDF/forms/C-8_Gen_Cond.pdf). No revisions occurred or are planned.

ii. Active construction sites and # of inspections during the reporting period:

Project	Permit (#) Termination Date (if applicable)	# of construction site inspections	# of non-compliant construction site referrals/ enforcement actions	# of construction site runoff complaints received	MS4[2] staff/ inspectors trained
UNA Bank Independent Stadium (Eff. Date: 6-14-24)	ALR10C5D6	ADEM - 1 QCI-12 UNA- 12	0	0	0
UNA Residence Hall (Eff. Date: 11-8-24)	ALR10C5ZA	ADEM - 2 QCI-25 UNA-12	1	0	0
UNA Cypress St. Parking Lot (Eff. Date: 2-12-26)	ALR10C7QS	ADEM - 0 QCI-2 UNA-2	0	0	0

[1]ADEM – Alabama Department of Environmental Management
[2] Municipal Separate Storm Sewer System

Contracted inspectors possess QCI qualifications.

CONSTRUCTION SITE DISCREPANCIES

Bank Independent Stadium: No discrepancies.

Residence Hall: 04-08-25: Silt fence compromised around perimeter.

Cypress St. Parking Lot: No discrepancies.

Assessment of the Control: This minimum control measure needs improvement. It is recommended that UNA Project Managers and Contractors focus on instituting more robust methods of containing soil on the job sites, such as use of adequate wattles and silt fences.

d. **Post-Construction Storm Water Management in New Development and Redevelopment**

i. The applicable regulatory mechanism can be found outlined in the Division of Construction Management guidelines (https://dcm.alabama.gov/PDF/forms/C-8_Gen_Cond.pdf).

ii. Post Construction Controls Inventory. There were no changes to the Inventory because no projects resulted in the installation of post-construction controls.

iii. Post Construction Inspections. Two post-construction inspections of BMPs and controls were conducted at the following locations:

- Subsurface detention chamber, Parking Lot M, Circular Rd. (1)
- Detention Basin, Parking Lot W, Cedar St. (1)

Assessment of the Control: This minimum control measure was determined to be effective. No BMP revisions are planned for this measurable goal. There were no enforcement actions during this period.

e. **Pollution Prevention/Good Housekeeping for Municipal Operations**

i. The Municipal Facilities Inspection Form is shown in Attachment 5.

Table 2 - List of Municipal Facilities Inspected

1. 541 College St.
2. Connie B. McKinney Center
3. Cooling Tower - Cramer Way
4. Cooling Tower - Collier Library
5. Cooling Tower - ITS
6. Cooling Tower - Flowers Hall
7. Cooling Tower - GUC
8. Cooling Tower - Kilby School
9. Cooling Tower - Behind Mane Market
10. Cooling Tower - Wesleyan Hall
11. Fuel Pumps
12. Grounds Dept. Equipment Storage
13. Parking Deck and Lots
14. Science Building Mechanical Room
15. Steam Plant
16. Vehicle Maintenance

ii. Estimate of Floatables Collected/Litter Reduction

One daily duty of UNA's Grounds Department personnel is to pick up litter across campus. UNA also has a recycling program. Recycling containers are located in most campus buildings and are set up for large volume events like outdoor concerts and move-in days at the residence halls. Small cans are available in classrooms and hallways and there are 86 large containers that are picked up each week by the City of Florence.

Recycling Department. UNA estimates that 10% of their recyclables could end up as floatables (e.g., beverage bottles and metal cans). Through this effort and based on

previous container weights, UNA estimates that we prevented 3,012 pounds of floatable material from entering the MS4.

iii. Inspections. Four quarterly *Inspections of Municipal Facilities with Potential to Discharge Pollutants via Storm Water Runoff* were conducted using the form in Attachment 5.

iv. Good Housekeeping Standard Operating Procedures
The Standard Operating Procedures were reviewed and it was concluded that no changes were necessary (*https://una.edu/facilities/environmental-health-and-safety/docs/standard-operating-procedures-for-good-housekeeping-stormwater-practices-2021.docx.pdf*).

Assessment of the Control: This minimum control measure was determined to be effective based on the outcome of quarterly inspections. No BMP revisions are planned for this measurable goal.

iv. **Additional Information Required for the Annual Report**

a. Summary table of the storm water controls that are planned/scheduled for the next reporting cycle.

Public Involvement/Public Education	Continue to strengthen community partnerships and seek additional methods to increase public education and public involvement.
Illicit Discharge Detection and Elimination	• Continue to maintain/keep current the training matrix which tracks training dates to ensure retraining happens annually (*UNA's Storm Water Management Plan Training*). • Create a recurring annual preventive maintenance task to ensure the training reminder occurs within the reporting cycle. • Survey construction sites at work's completion to determine if storm drain markers need to be replaced.
Construction Site Runoff Control	Through regular inspections and spot checks, continue to ensure that Best Management Practices follow the elements outlined in the Alabama Handbook for Erosion Control, Sediment Control and Storm water Management on Construction Sites and Urban Areas (https://www.dot.state.al.us/dsweb/divPed/Storm water/pdf/AlabamaHandbookforErosionControl.pdf) and/or project-based CBMPP.
Post-Construction Management in New Development and Redevelopment	• Continue to develop and document the inventory of post-construction structural controls. • Ensure that a robust process exists for regular inspection and maintenance of post-construction structural controls as defined by the manufacturer, such as through a recurring preventive maintenance work order in the campus Work Order System, Limble.

Continued, next page

Pollution Prevention/Good Housekeeping for Municipal Operations	• Through review and revision, ensure the municipal facility inventory and inspection processes accurately reflect campus activities, esp. after construction projects or renovations. • Ensure all new Municipal Operations personnel are trained on the Storm Water Management Program and Storm Water Standard Operating Procedures and are added to the Training Matrix.

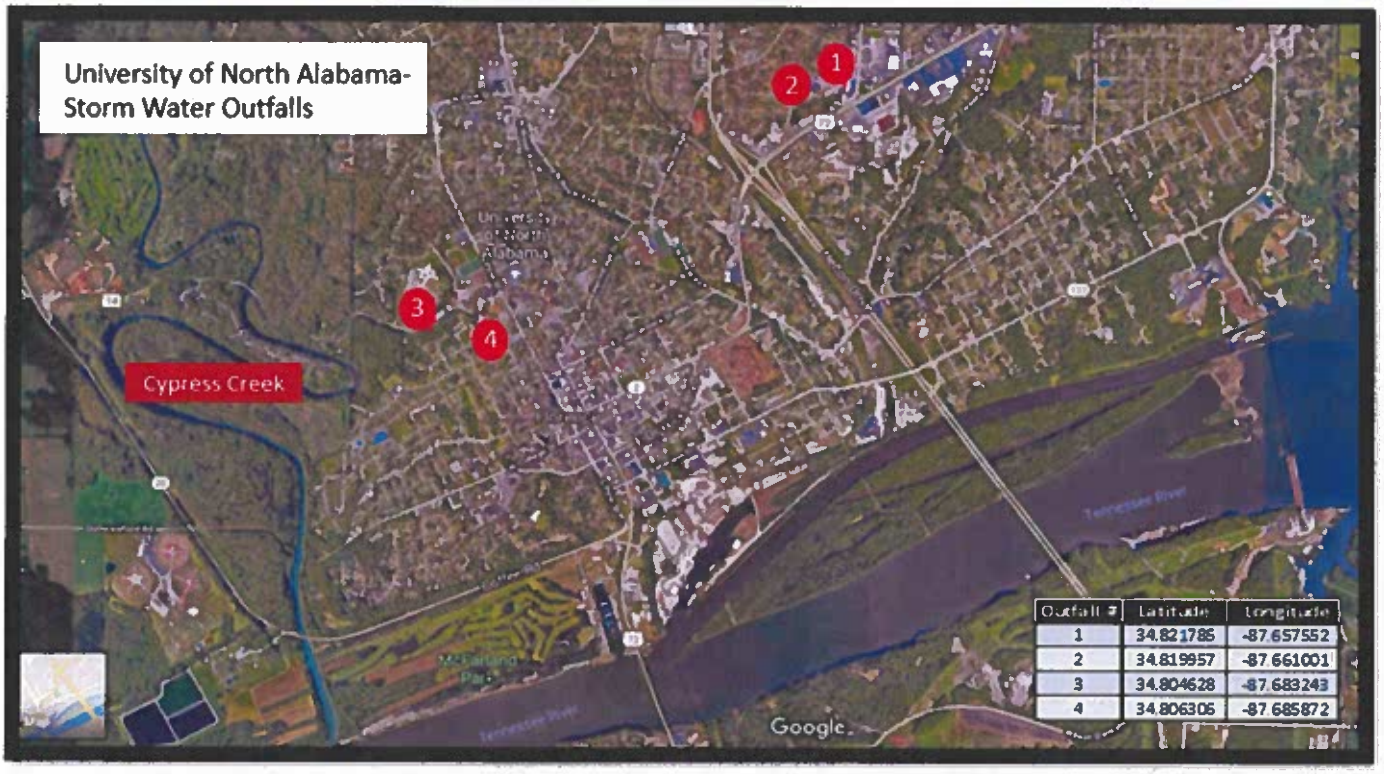
b. Results of information collected and analyzed, if any, during the reporting period.
   i. Not applicable. Information was not collected or analyzed because the Permit did not require that this occur.

c. Notice of reliance on another entity to satisfy some of permit obligations.
   i. Not applicable. UNA personnel performed permit obligations.

d. Results of the evaluation to determine whether discharges from any part of the MS4 contributes directly or indirectly to a waterbody included on the latest 303(d) list.

   i. The Environmental Protection Agency's 303(d) List of Impaired Waterways identifies mercury as a pollutant in Cypress Creek. UNA is not a contributor because mercury is atmospherically deposited by other regional sources. Therefore, UNA does not monitor its outfalls for mercury. We will continue to monitor 303(d) lists (http://adem.alabama.gov/programs/water/303d.cnt) on a quarterly basis to determine if UNA is a possible source for other pollutants

ATTACHMENT 1 – UNIVERSITY OF NORTH ALABAMA MAP OF OUTFALLS



Outfall #	Latitude	Longitude
1	34.821786	-87.657552
2	34.819957	-87.661001
3	34.804628	-87.683243
4	34.806306	-87.685872

ATTACHMENT 2 – DRY WEATHER SCREENING FORM, 2026

2026 DRY WEATHER SCREENING

Dry Weather Outfall Screening Form

University of North Alabama	**Outfall ID No.: 1**
Date of screening (MM/DD/YY): January 30, 2026	Outfall Location: 1660 Tune Ave., Florence, AL (Receiving entrance)
Weather conditions: Overcast, 51°F Last Rainfall: 01-27-26	Time of screening: 1:00 pm
Sampling performed by: Angela Zwissler	

Outfall Description

Outfall Type/Material:
Closed Pipe (check): ___RCP ___PVC ___HPDE ___Other
Open Channel (check): ___Concrete _X__Earthen ___Grassy _X__Other

Receiving stream and watershed name: Unnamed Tributary to Cypress Creek

Land use/industries in drainage area: Residential, Commercial

Latitude and Longitude: 34°48'22.0"N 87°41'12.1"W

Field Observations and Measurements

Flow from Outfall? ___Yes _X__No

Flow Description: ___Trickle ___Moderate ___Substantial

Odor: _0__None ___Sewage ___Sulfide (rotten eggs) ___Petroleum/gas ___Rancid/sour ___Other

Relative severity: ___0-None ___1-Faint ___2-Easily Detected ___3-Noticeable from a distance

Color: __0_Clear ___White ___Gray ___Orange/Rust ___Red ___Yellow ___Green ___Brown/Black ___Other

Relative severity: ___0-None ___1-Faint ___2-Clearly visible in bottle ___3-Clearly visible in flow

Sediment/turbidity: _0__None ___Cloudy ___Opaque ___Silty ___Muddy ___Other

Relative severity: ___0-None ___1-Slight cloudiness ___2-Cloudy ___3-Opaque

Floatables: _0__None ___Litter ___Petroleum (oil sheen) __Suds ___Sewage ___Other

Relative severity: 0-None 1-Few/Slight 2-Some 3-Heavy

Summary

Outfall Potential for Illicit Discharge:
_X__Unlikely – or – No Flow
___Possible (presence of two or more indicators)
___Suspect (one or more indicators with severity of 2 or 3)
___Obvious or confirmed

2026 DRY WEATHER SCREENING

Photos, Outfall #1

2026 DRY WEATHER SCREENING

Dry Weather Outfall Screening Form

University of North Alabama	**Outfall ID No.: 2**
Date of screening (MM/DD/YY): January 30, 2026	Outfall Location: 706 Waterloo Rd, Florence, AL
Weather conditions: Overcast, 51°F Last Rainfall: 01-27-26	Time of screening: 1:30 pm
Sampling performed by: Angela Zwissler	

Outfall Description

Outfall Type/Material:
Closed Pipe (check): ___RCP ___PVC ___HPDE ___Other
Open Channel (check): _X__Concrete ___Earthen ___Grassy ___Other

Receiving stream and watershed name: Unnamed Tributary to Cypress Creek

Land use/industries in drainage area: Residential, University

Latitude and Longitude: 34°48'22.0"N 87°41'12.1"W

Field Observations and Measurements

Flow from Outfall? _X__Yes ___No

Flow Description: ___Trickle _X_Moderate ___Substantial

Odor: _0__None ___Sewage ___Sulfide (rotten eggs) ___Petroleum/gas ___Rancid/sour ___Other

Relative severity: ___0-None ___1-Faint ___2-Easily Detected ___3-Noticeable from a distance

Color: __0_Clear ___White ___Gray ___Orange/Rust ___Red ___Yellow ___Green ___Brown/Black ___Other

Relative severity: ___0-None ___1-Faint ___2-Clearly visible in bottle ___3-Clearly visible in flow

Sediment/turbidity: _0__None ___Cloudy ___Opaque ___Silty ___Muddy ___Other

Relative severity: ___0-None ___1-Slight cloudiness ___2-Cloudy ___3-Opaque

Floatables: ___None __1_Litter ___Petroleum (oil sheen) __Suds ___Sewage ___Other

Relative severity: 0-None 1-Few/Slight 2-Some 3-Heavy

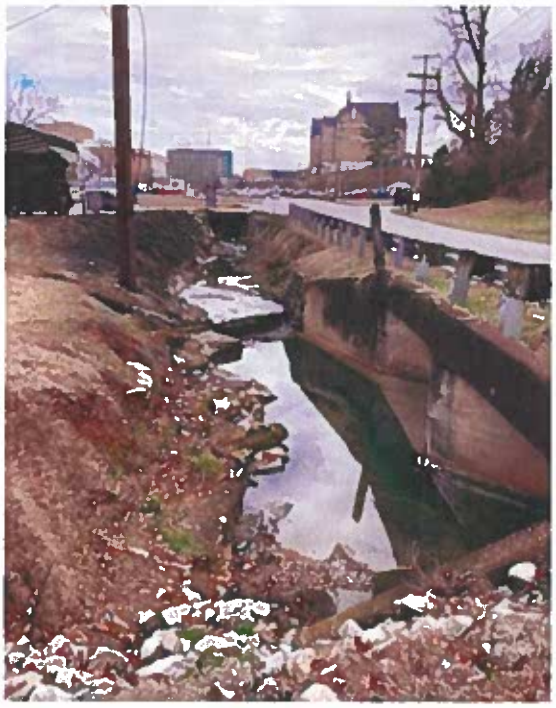
Summary

Outfall Potential for Illicit Discharge:
_X__Unlikely – or – No Flow
___Possible (presence of two or more indicators)
___Suspect (one or more indicators with severity of 2 or 3)
___Obvious or confirmed

2026 DRY WEATHER SCREENING

Photos, Outfall #2

Looking north toward Flowers Hall



Looking south toward Wildwood Park

2026 DRY WEATHER SCREENING

Dry Weather Outfall Screening Form

University of North Alabama	Outfall ID No.: 3
Date of screening (MM/DD/YY): January 30, 2026	Outfall Location: East Campus-Decatur Ave, Florence, AL
Weather conditions: Overcast, 51°F Last Rainfall: 01-27-26	Time of screening: 12:45 pm
Sampling performed by: Angela Zwissler	

Outfall Description

Outfall Type/Material:
Closed Pipe (check): ___RCP ___PVC ___HPDE ___Other
Open Channel (check): __X_Concrete ___Earthen ___Grassy ___Other

Receiving stream and watershed name: Unnamed Tributary to Cypress Creek

Land use/industries in drainage area: Residential

Latitude and Longitude: 34°821798"N -87°657478"W

Field Observations and Measurements

Flow from Outfall? ___Yes _X__No

Flow Description: ___Trickle ___Moderate ___Substantial

Odor: _0__None ___Sewage ___Sulfide (rotten eggs) ___Petroleum/gas ___Rancid/sour ___Other

Relative severity: ___0-None ___1-Faint ___2-Easily Detected ___3-Noticeable from a distance

Color: __0_Clear ___White ___Gray ___Orange/Rust ___Red ___Yellow ___Green ___Brown/Black ___Other

Relative severity: ___0-None ___1-Faint ___2-Clearly visible in bottle ___3-Clearly visible in flow

Sediment/turbidity: _0__None ___Cloudy ___Opaque ___Silty ___Muddy ___Other

Relative severity: ___0-None ___1-Slight cloudiness ___2-Cloudy ___3-Opaque

Floatables: ___None _1__Litter ___Petroleum (oil sheen) __Suds ___Sewage ___Other

Relative severity: 0-None 1-Few/Slight 2-Some 3-Heavy

Summary

Outfall Potential for Illicit Discharge:
_X__Unlikely – or – No Flow
___Possible (presence of two or more indicators)
___Suspect (one or more indicators with severity of 2 or 3)
___Obvious or confirmed

2026 DRY WEATHER SCREENING

Photos, Outfall #3

2026 DRY WEATHER SCREENING

Dry Weather Outfall Screening Form

University of North Alabama	**Outfall ID No.: 4**
Date of screening (MM/DD/YY): January 30, 2026	Outfall Location: Parking Lot W, Cedar St, Florence, AL
Weather conditions: Overcast, 51°F Last Rainfall: 01-27-26	Time of screening: 1:15 pm
Sampling performed by: Angela Zwissler	

Outfall Description

Outfall Type/Material:
Closed Pipe (check): ___RCP ___PVC ___HPDE ___Other
Open Channel (check): ___Concrete ___Earthen _X__Grassy ___Other

Receiving stream and watershed name: Unnamed Tributary to Cypress Creek

Land use/industries in drainage area: Residential

Latitude and Longitude: 34°804966N -87°683554"W

Field Observations and Measurements

Flow from Outfall? ___Yes _X__No

Flow Description: ___Trickle ___Moderate ___Substantial

Odor: _0__None ___Sewage ___Sulfide (rotten eggs) ___Petroleum/gas ___Rancid/sour ___Other

Relative severity: ___0-None ___1-Faint ___2-Easily Detected ___3-Noticeable from a distance

Color: __0_Clear ___White ___Gray ___Orange/Rust ___Red ___Yellow ___Green ___Brown/Black ___Other

Relative severity: ___0-None ___1-Faint ___2-Clearly visible in bottle ___3-Clearly visible in flow

Sediment/turbidity: _0__None ___Cloudy ___Opaque ___Silty ___Muddy ___Other

Relative severity: ___0-None ___1-Slight cloudiness ___2-Cloudy ___3-Opaque

Floatables: ___None _1__Litter ___Petroleum (oil sheen) __Suds ___Sewage ___Other

Relative severity: 0-None 1-Few/Slight 2-Some 3-Heavy

Summary

Outfall Potential for Illicit Discharge:
_X__Unlikely – or – No Flow
___Possible (presence of two or more indicators)
___Suspect (one or more indicators with severity of 2 or 3)
___Obvious or confirmed

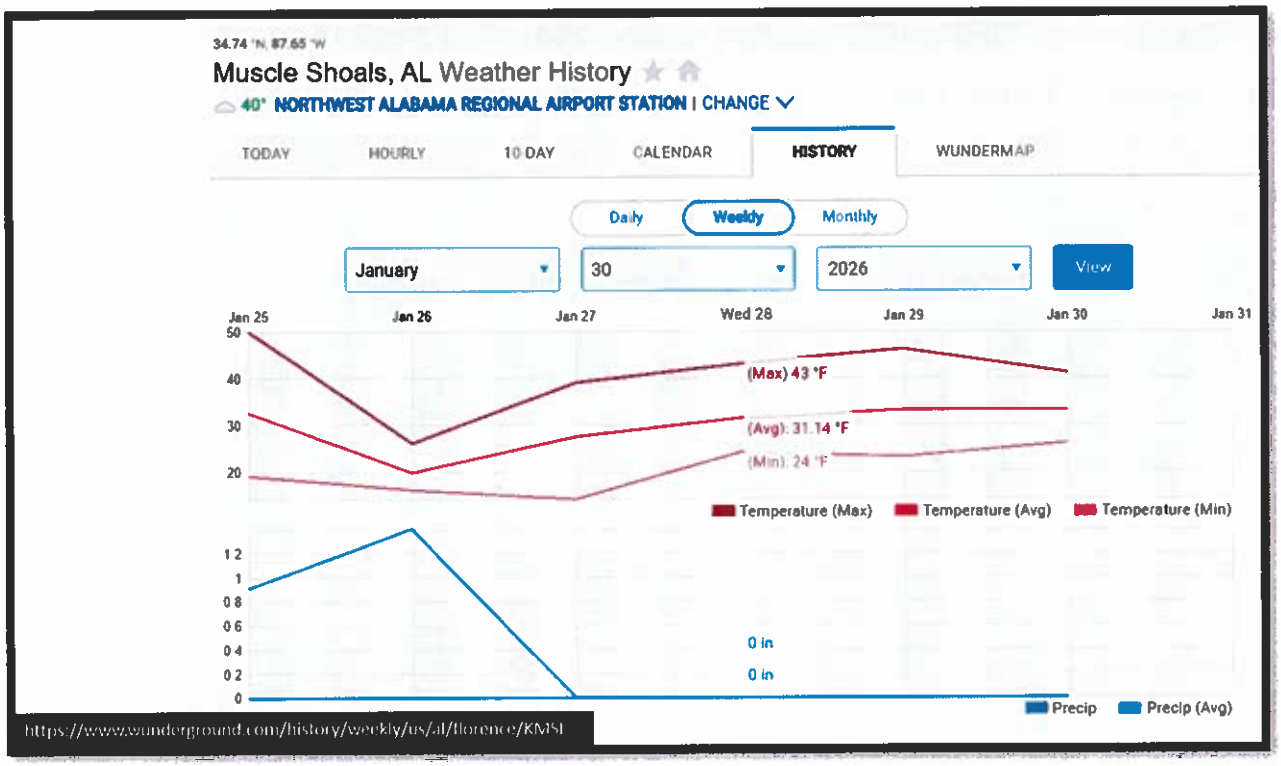
2026 DRY WEATHER SCREENING

Photo, Outfall #4

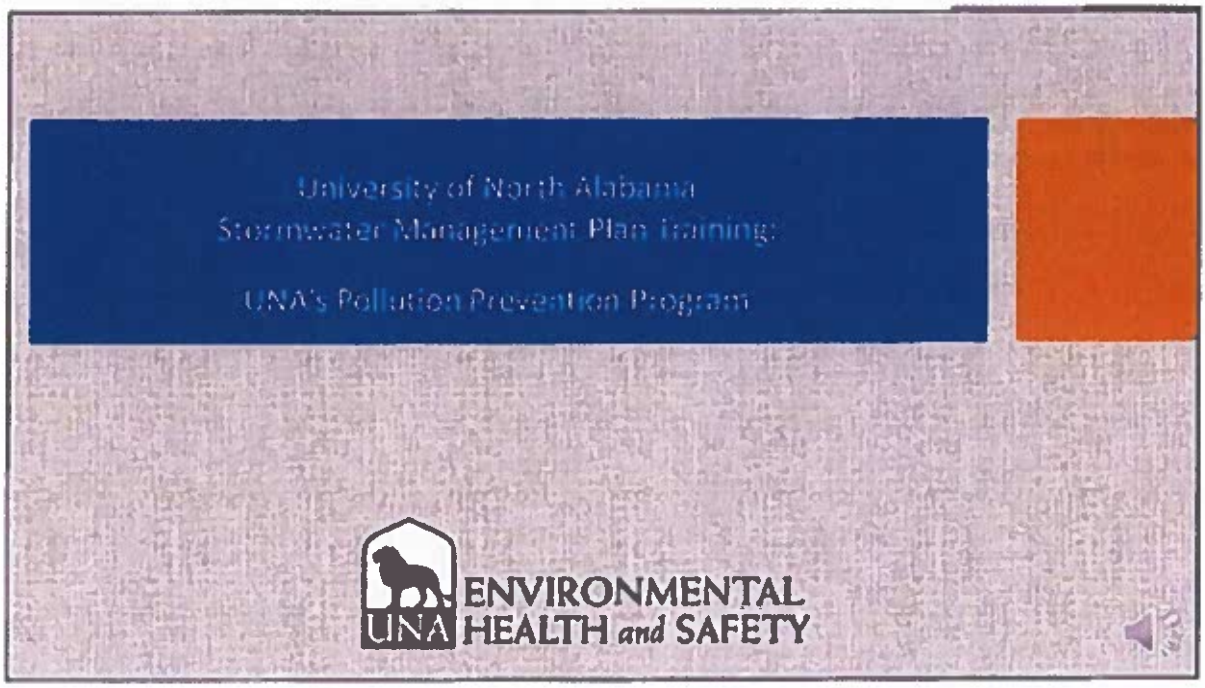
Detention Pond Entrance

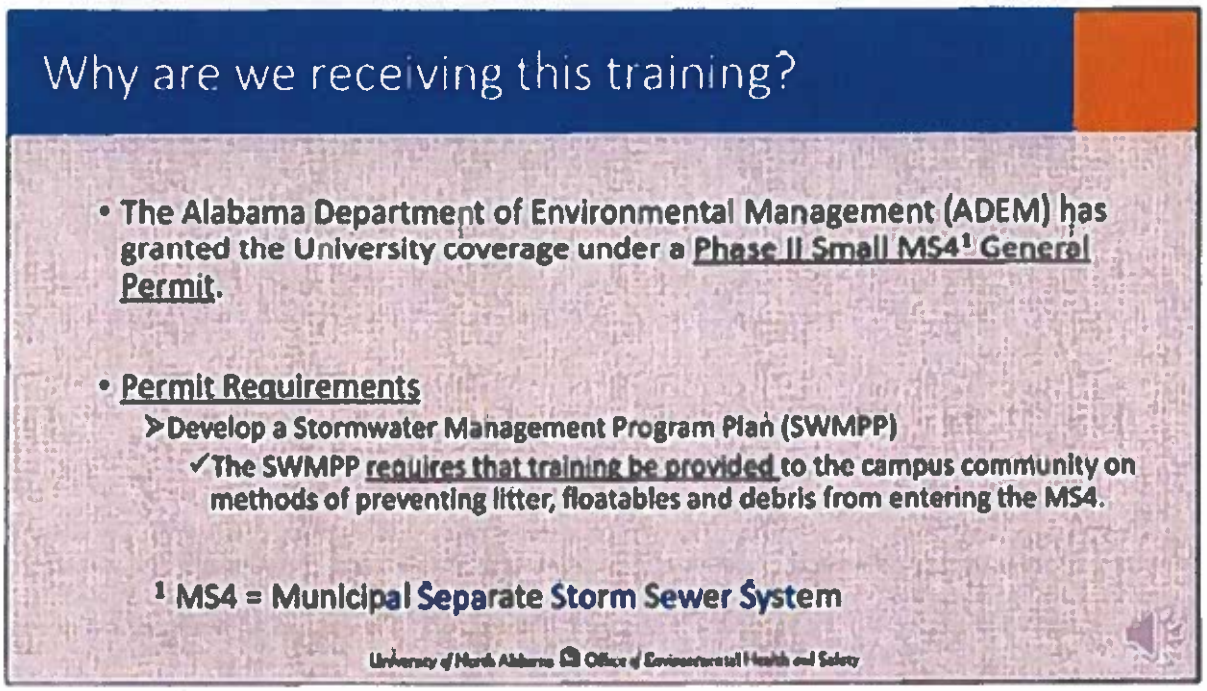
Detention Pond Exit

2026 DRY WEATHER SCREENING



ATTACHMENT 3 - ANNUAL TRAINING MATERIAL





Refresher Training

You will receive refresher training every year.

University of North Alabama Office of Environmental Health and Safety

This training will cover:

1. Why does this topic apply to UNA: What is an MS4?
2. Methods of preventing litter and debris from entering the MS4
3. Identification of storm drains
4. Illicit discharges and their impact
5. Steps you can take to reduce stormwater pollution

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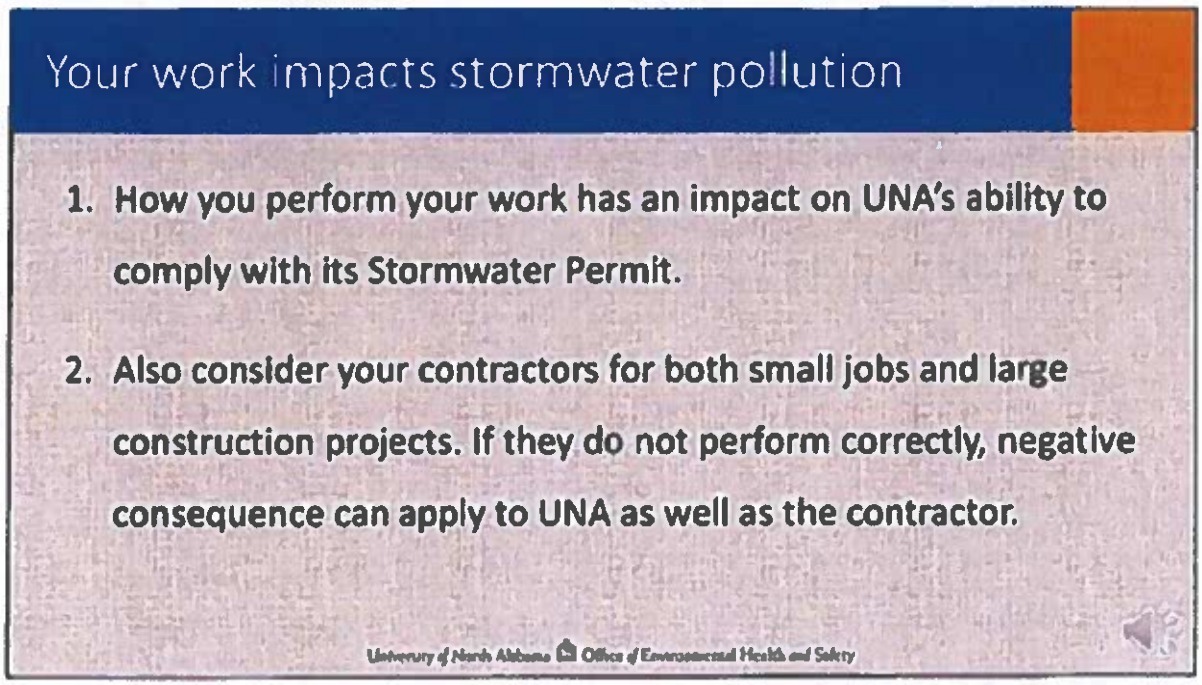
Your work impacts stormwater pollution
1. How you perform your work has an impact on UNA's ability to comply with its Stormwater Permit.
2. Also consider your contractors for both small jobs and large construction projects. If they do not perform correctly, negative consequence can apply to UNA as well as the contractor.
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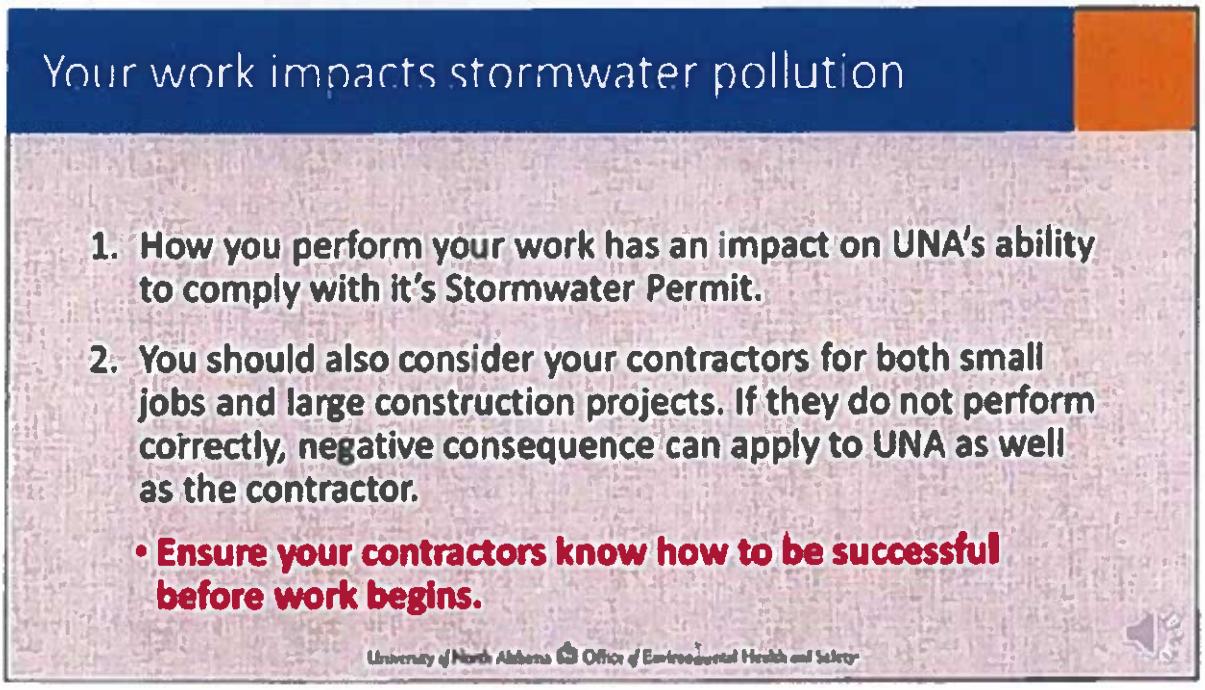
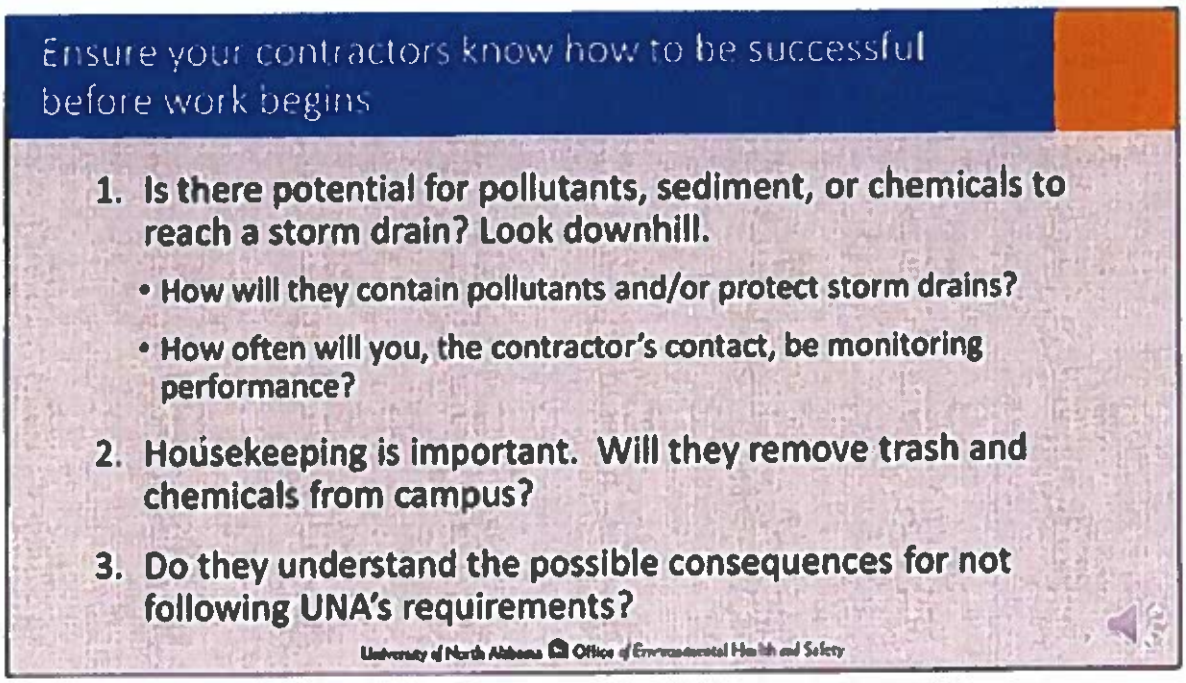

Your work impacts stormwater pollution
1. How you perform your work has an impact on UNA's ability to comply with it's Stormwater Permit.
2. You should also consider your contractors for both small jobs and large construction projects. If they do not perform correctly, negative consequence can apply to UNA as well as the contractor.
• Ensure your contractors know how to be successful before work begins.
University of North Alabama Office of Environmental Health and Safety


Ensure your contractors know how to be successful before work begins
1. Is there potential for pollutants, sediment, or chemicals to reach a storm drain? Look downhill.
• How will they contain pollutants and/or protect storm drains?
• How often will you, the contractor's contact, be monitoring performance?
2. Housekeeping is important. Will they remove trash and chemicals from campus?
3. Do they understand the possible consequences for not following UNA's requirements?
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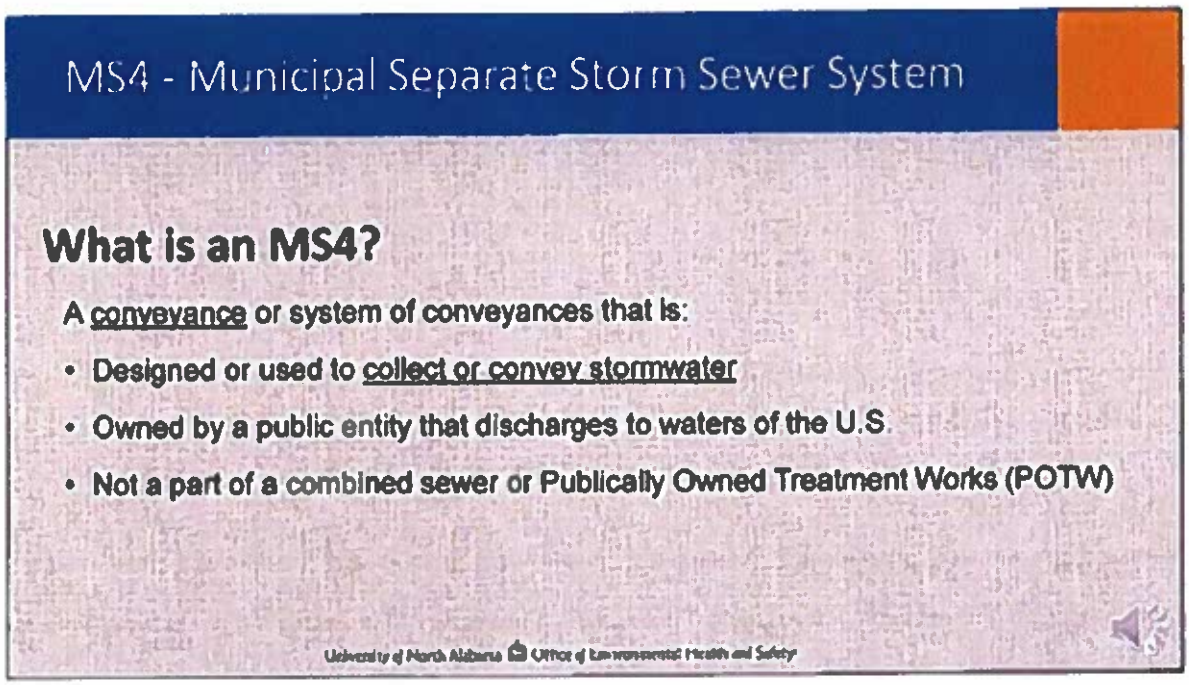
MS4 - Municipal Separate Storm Sewer System
What is an MS4?
A conveyance or system of conveyances that is:
• Designed or used to collect or convey stormwater
• Owned by a public entity that discharges to waters of the U.S.
• Not a part of a combined sewer or Publically Owned Treatment Works (POTW)
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Examples of conveyances

A conveyance is designed or used to collect or convey stormwater

- Roads with drainage systems
- Municipal streets
- Catch basins
- Curbs
- Man-made channels
- Ditches
- Gutters
- Storm drains

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Why is UNA an MS4[1]?

The University is an institution which houses students and is considered to be a small city within a city.

[1] MS4 = Municipal Separate Storm Sewer System

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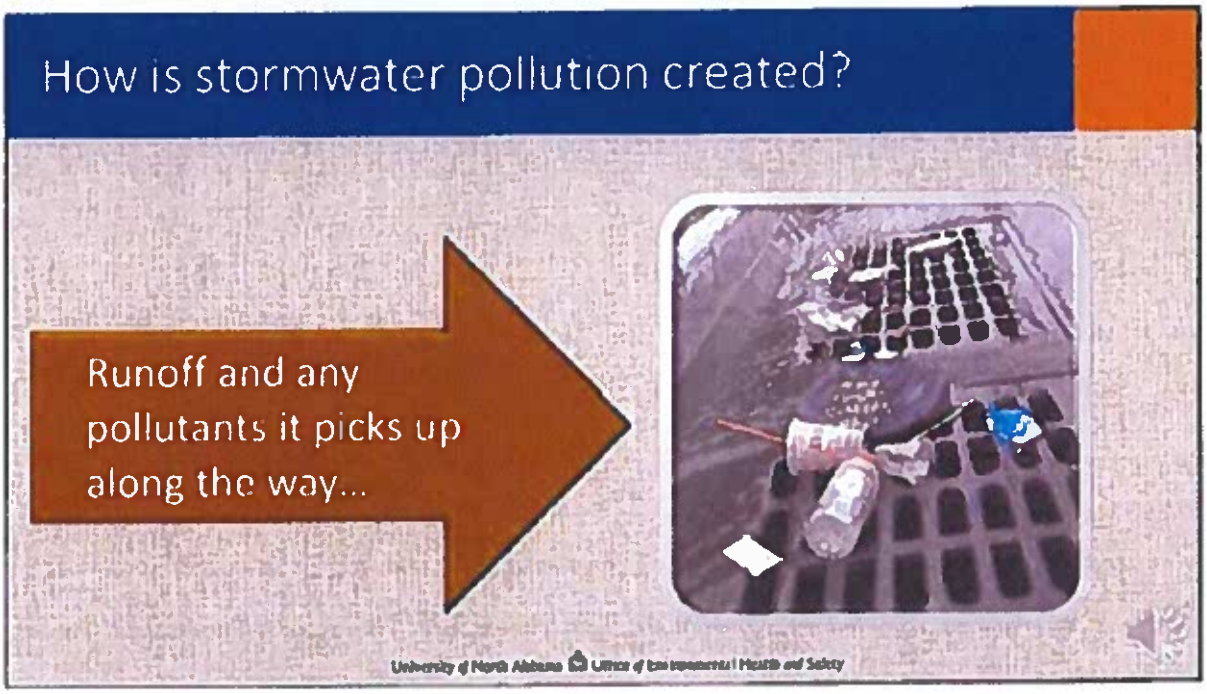
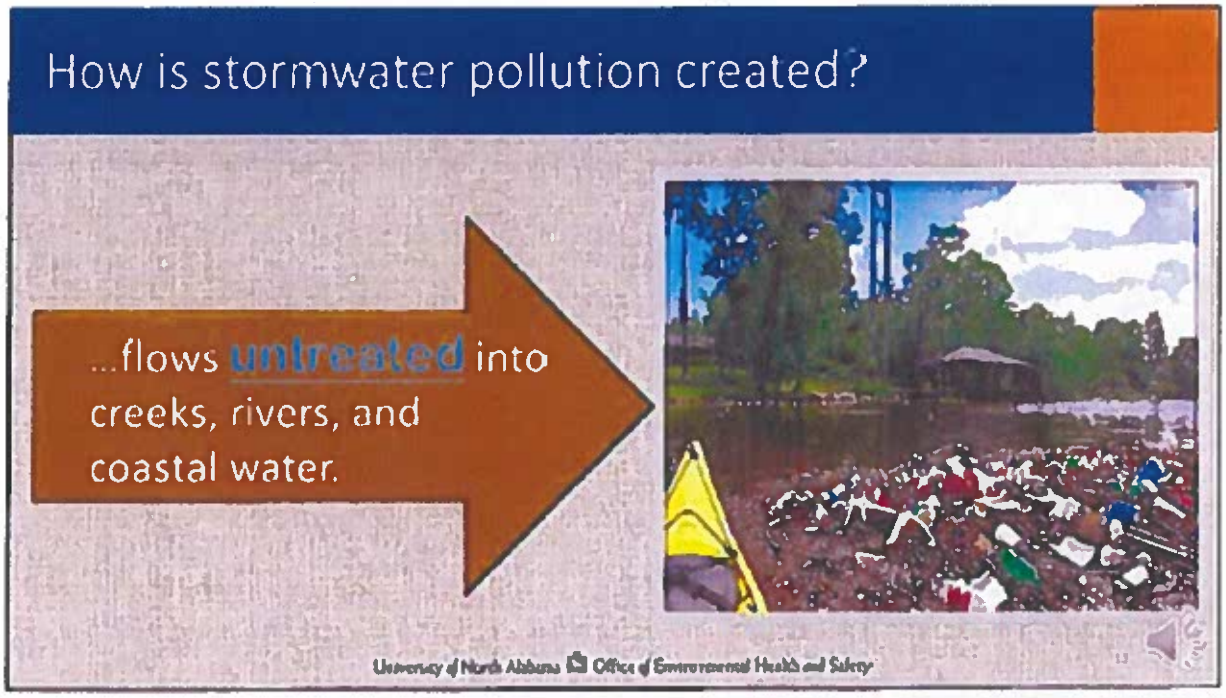
How is stormwater pollution created?
When it rains, water that is not absorbed into the ground or intercepted by vegetation flows over land, streets and other conveyances into storm drains.
This flow is called runoff.


How is stormwater pollution created?
Runoff and any pollutants it picks up along the way...


How is stormwater pollution created?
...flows untreated into creeks, rivers, and coastal water.
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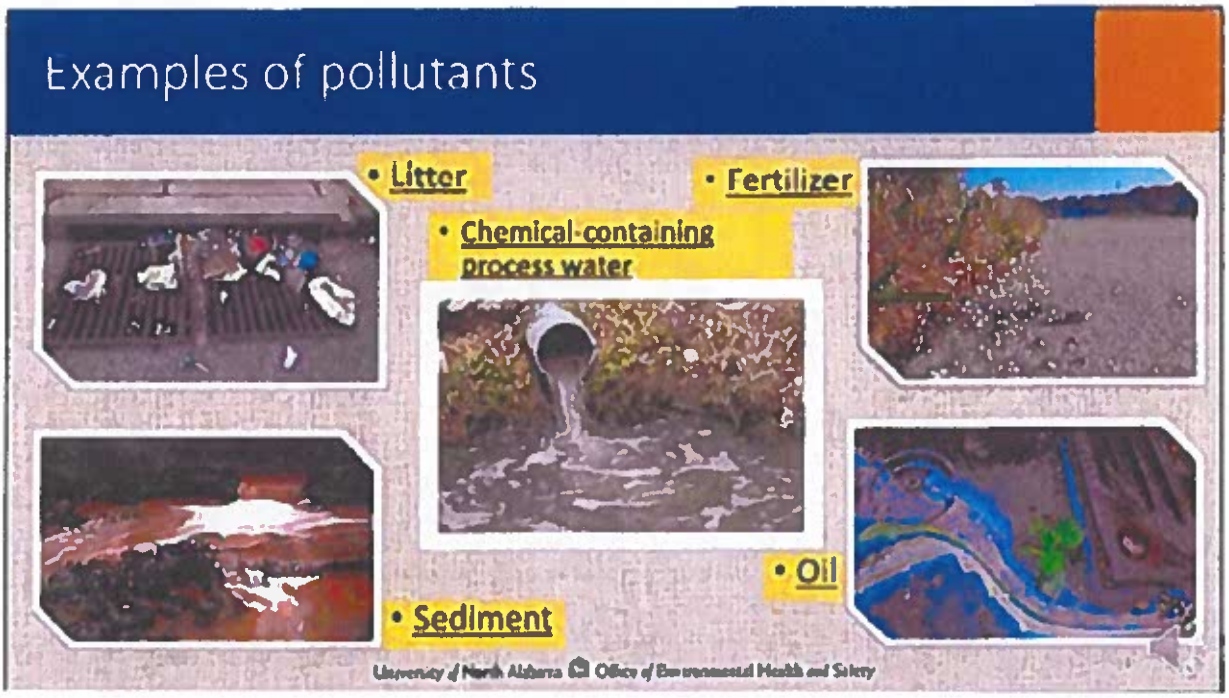
Examples of pollutants
• Litter
• Fertilizer
• Chemical-containing process water
• Oil
• Sediment
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What does this mean for UNA?

- Stormwater pollution can end up in Cypress Creek and the Tennessee River.
- These bodies of water provide:
  - a source of drinking water
  - a habitat for fish and other wildlife
  - a place of swimming, fishing, and boating



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Effects of pollution

- Hazardous products can poison aquatic life.
- Polluted stormwater can affect drinking water sources.
- Sediment in runoff clouds the water and makes it difficult for aquatic plants to grow which destroys aquatic habitat.


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Effects of pollution

- Litter can choke, suffocate, or disable ducks, fish, turtles, and birds.
- Bacteria and pathogens from pet waste washed into swimming areas can create health hazards.

- Fertilizer applied in excess can cause algae blooms. When algae die, they sink and decompose in a process that removes oxygen from the water. Aquatic organisms can't exist in water with low levels of dissolved oxygen.

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How to work in a compliant manner

1. Be aware of storm drain locations
2. Recognize pollution sources
3. Take appropriate actions

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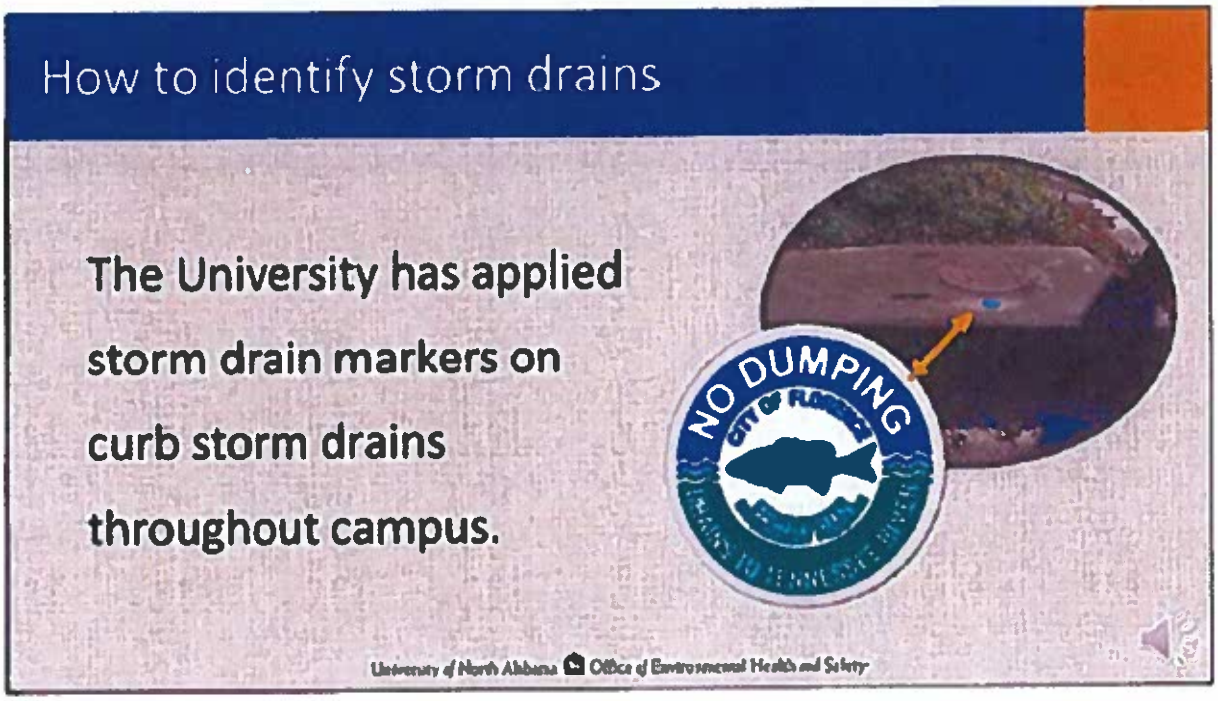
How to identify storm drains
The University has applied storm drain markers on curb storm drains throughout campus.
NO DUMPING
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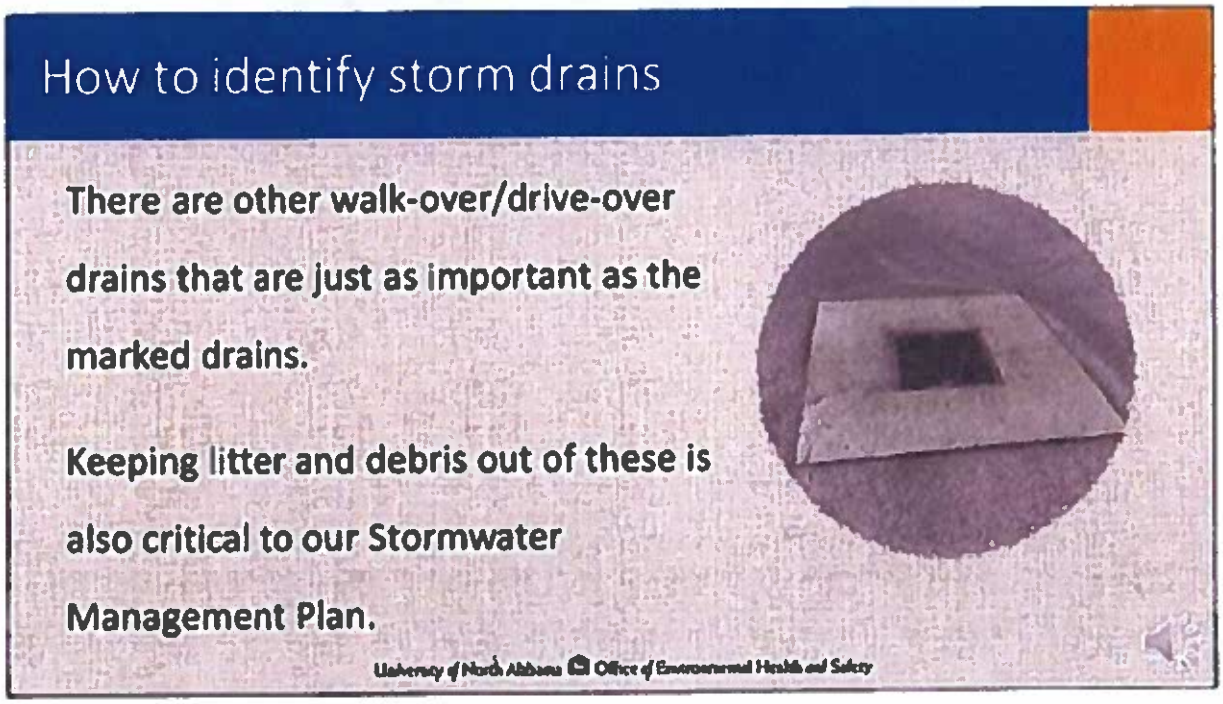
How to identify storm drains
There are other walk-over/drive-over drains that are just as important as the marked drains.
Keeping litter and debris out of these is also critical to our Stormwater Management Plan.
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Best Management Practices (BMPs)

1. Put nothing in the storm drain
2. Do not create litter/pick up litter
3. Repair leaking vehicles
4. Store chemicals away from street and storm drains
5. Do not discharge chemical-containing water to a location that can reach the storm drains.

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Standard Operating Procedure Training

Based on job duties, some personnel receive additional training on ***GOOD HOUSEKEEPING STANDARD OPERATING PROCEDURES.***

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Additional ways you can make a difference:

- **Participate with UNA personnel in a pollution reduction project such as the *Citywide Clean-Up Day* or *Tennessee River Litter Tournament*.**

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Illicit discharges and their impact

- **Illicit discharges are discharges that are not entirely composed of stormwater, except those authorized by our Stormwater Permit.**
- **Like other forms of pollution, these are potentially harmful and must be avoided.**

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Illicit discharges look like:

- Pouring waste material in a storm drain.
- It can also look like a hose or pipe with clear, transparent liquid coming out onto the pavement. The discharge may contain process chemicals.

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Report illicit discharges

CLICK HERE TO REPORT A STORMWATER CONCERN TO FACILITIES ADMINISTRATION OR CALL 256.765.4804

If you observe a suspected or actual illicit discharge, you should contact Facilities Administration and Planning by clicking on the link at the Stormwater page, or calling the phone number listed.

https://una.edu/facilities/environmental-health-and-safety/storm-water-management.html

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It may take extra effort to comply, but the results are worth it.
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Thank you for your participation!
• Questions and comments about the University's Stormwater Management Plan are welcome.
• Contact the Department of Environmental Health and Safety at 256-765-4804.
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ATTACHMENT 4 – ANNUAL TRAINING ROSTER

FY2025-2026 Stormwater Management Plan Training

	Student	Grade	ID
1	Bearden, Kaleb	100	139922
2	Beckman, Will	100	11178
3	Bowen, Cam	100	138173
4	Brewer, Darrell	100	98968
5	Broussard, Gerald	100	92830
6	Clephas, Jay	100	102141
7	Coffman, Manion	100	27445
8	Ellis, Todd	100	130886
9	Elom, Matthew	100	4468
10	Fadell, Kenneth	100	4695
11	Fields, Keith	100	4052
12	Finley, William	100	4127
13	Garner, Rickey	100	124187
14	Gibbs, Todd	100	131228
15	Gooch, Bradley	100	27426
16	Gregory, Andy	100	123692
17	Hardin, Bryant	100	49439
18	Hart, Jeremy	100	4658
19	Hensley, Latricia	100	4126
20	Hodge, Hayden	100	126669
21	Hooper, Vince	100	114420
22	Jolley, Bob	100	102395
23	Kelsey, William	100	130016
24	Lamar, Steven	100	123693
25	Landrum, Jamie	100	4412

	Student	Grade	ID
26	Lowery, Cory	100	127913
27	Malone, Christopher A	100	98967
28	Michael, Don	100	102142
29	Miller, Adrian	100	115159
30	Montgomery, Darrell	100	100711
31	Murphy, Danny	100	66192
32	Peebles, Brandon	100	140056
33	Peeden, Bradley	100	3945
34	Price, Mickey	100	4645
35	Risner, Joseph K	100	71024
36	Sherrill, George	100	4647
37	Shook, Brian	100	59009
38	Simmons, Michael	100	77754
39	Siro, Athing	100	117494
40	Southward, Desmond	100	128838
41	Stults, Jeremiah	100	27448
42	Taylor, Larry	100	12432
43	Terry, Dathan	100	103722
44	Thompson, Michael	100	98037
45	Wallace, Tony	100	4596
46	Watkins, Phillip	100	59053
47	Welch, Dustin	100	139920
48	White, Kendra	100	66221
49	Wood, Justin T	100	72006
50	Yerena Nava, Jerry	100	124155
51	Zwissler, Angela	100	156863

ATTACHMENT 5 – MUNICIPAL FACILITIES INSPECTION FORM

MUNICIPAL FACILITIES INSPECTION Conducted by: Angela Zwissler Date: _____

Purpose: Inspect locations with potential for stormwater pollution discharge for good housekeeping practices and BMPs, per UNA SWMPP and NPDES Permit

Instructions: Document inspection at least once/quarter. File in EHS Central Files. "Yes" means that the elements are satisfactory for the location. "NI" means the element(s) needs improvement and follow-up is required.

	Location	Good HK & BMPs	Comments (use reverse if needed)	Action Taken (use reverse if needed)	Completion Date
1	541 College St.				
2	Cooling Tower -601 Cramer Way				
3	Cooling Tower - Collier Library				
4	Cooling Tower - ITS				
5	Cooling Tower -Flowers Hall				
6	Cooling Tower - GUC				
7	Cooling Tower - Kilby School				
8	Cooling Tower - Behind Mane Market				
9	Cooling Tower - Wesleyan Hall				
10	Connie B. McKinney Center				
11	Fuel Pumps				
12	Grounds Dept. Equipment Storage				
13	Parking Deck and Lots				
14	Science Mechanical Room				
15	Steam Plant				
16	Vehicle Maintenance				