



UNIVERSITY OF
SOUTH ALABAMA

Land Disturbance Checklist

Project: _____ Date: _____

Location: _____

Printed Name of Engineer: _____

Signature of Engineer: _____

Professional License No.: _____

The following items must be submitted to the USA Safety and Environmental Compliance Office.

- _____ Vicinity Map
- _____ Plans drawn to scale, stamped and signed by an Alabama licensed P.E.
- _____ Topographical details for existing conditions and proposed development.
- _____ If an existing detention facility is utilized, documentation that the detention facility has been field- surveyed to verify the capacity and functionality of the existing detention facility. If is found to be deficient, the pond will be brought up to the required capacity and functionality.
- _____ Engineering calculations showing that the receiving storm drainage system can handle the additional flow due to the proposed development are provided.

Confirm the following:

- _____ Sedimentation and erosion control plan in accordance with the latest version of Alabama Handbook for Erosion Control, Sediment Control, and Storm Water Management on Construction Sites and Urban Areas, stamped by a professional engineer licensed in the state of Alabama.
<https://alconservationdistricts.gov/wp-content/uploads/2019/03/2018-Field-Guide-combined-with-covers.pdf>
- _____ That the grading and drainage plans comply with existing federal, state, University standards and guidelines.

_____ That if an existing detention facility is utilized, the detention facility has been field-surveyed to verify the capacity and functionality of the existing detention facility. Deficient, the pond will be brought up to the required capacity and functionality.

_____ That the receiving storm drainage system(s) can handle the additional flow due to the proposed development. Based on one of the following being met under condition A or B:

A. Flood Plain Management Plan, "An adequate channel shall be defined as a natural or man-made channel or pipe which is capable of conveying the run-off from a 25-year storm without overtopping its banks or eroding after development of the site in question, or without causing the flooding of structures from the 25-year storm event."

B. If the outfall is into a natural watercourse, the 25-year peak flow from the development within the watershed must be at a flow rate and velocity, which allows the watercourse to handle without erosion or over bank flooding.

_____ The existing outfall system does not meet the required 25-year design capacity; therefore, the post development peak flow has been reduced by an amount large enough to avoid making improvements to the outfall system.

_____ Analysis of the existing outfall system is provided. I have verified that there is no historical flooding in the area, based on examination for evidence of prior flooding. I certify that there is no flooding problem created with this development for a 25-year storm.

_____ Analysis of the existing outfall system is provided. I have verified that there is historical flooding in the area, based on examination for evidence of prior flooding. A storm water detention system providing 100-year volume with a pre-development two-year release (volume and velocity) has been designed.

_____ There is no existing outfall. A drainage system is being constructed to tie to the nearest storm drainage system (within 300 feet of the project). The design and calculations for the proposed drainage system are provided. The receiving system has been analyzed and meets condition A or B:

A. Flood Plain Management Plan, "An adequate channel shall be defined as a natural or man-made channel or pipe which is capable of conveying the run-off from a 25-year storm without overtopping its banks or eroding after development of the site in question, or without causing the flooding of structures from the 25-year storm event."

B. The existing outfall system does not meet the required 25-year design capacity; therefore, the post development peak flow has been reduced by an amount large enough to avoid making improvements to the outfall system.

_____ That site drainage is tied to the City of Mobile's storm water system.

_____ That wetlands are not show on-site or on the GIS system.

- _____ That if wetlands exist on-site or shown on GIS system, they have been delineated by a certified professional, and the delineation is depicted on the plans and the following is confirmed.
 - _____ wetlands are not disturbed.
 - _____ wetlands are disturbed and a Corps of Engineers permit has been submitted with this application.
 - _____ wetlands are disturbed and a Corps of Engineers permit will be submitted at a later submittal. I understand that the submission of the Corps of Engineers permit is required before a land disturbance permit will be issued.
- _____ That wetlands are show on GIS system, but are not present on-site, and the attached letter from a licensed environmental professional has disproved their existence.
- _____ That if the site is in an OWR Flood Plain, all requirements of ADECA Floodplain Management are in compliance.

1/2/20