

BEST MANAGEMENT PRACTICES (BMP's)

SILT FENCE SEDIMENT BARRIER ALDOT 665J002	
HAY BALE DITCH CHECK ALDOT 665F000	
ROCK DITCH CHECK (CLASS 2)	
INLET PROTECTION ALDOT 665P005	
STABILIZED CONSTRUCTION ENTRANCE ALDOT 665N000	
ROLLED EROSION CONTROL PRODUCTS ALDOT 659A025	

EROSION AND SEDIMENT CONTROL PHASES

PRE-CONSTRUCTION PHASE -- AS CLEARING BEGINS AND PRIOR TO ANY GRUBBING OR GRADING WORK.

CONSTRUCTION PHASE -- AS NEEDED. AS WORK IS ONGOING AND ADVANCING TOWARD COMPLETION.

POST CONSTRUCTION -- AS WORK IS COMPLETED AND PERMANENT VEGETATION IS ESTABLISHED.

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Notes:

1. Erosion and Sedimentation Control Plans must be accompanied by an Application for Registration of a Land Disturbing Activity and subject to a non-refundable fee of \$100.00 for residential sites and \$400.00 for non-residential sites. Bonding requirements will be determined through the review process. Applicants that have submitted plans that are rejected shall be notified in writing for the reasons of that rejection.

2. No land-disturbing activity shall be commenced prior to the approval/acceptance of the overall construction plan set or prior to acceptance of the stand-alone erosion and sedimentation control plan.

A. ESC measures must be installed prior to any land disturbing activities taking place. The Department must be notified (phone number: 325-5638) after ESC measures have been installed.

B. All land disturbing activities should be planned/phased whenever possible and shall be conducted to minimize the exposure of all disturbed areas to the shortest feasible time. Exposed soil that will not be disturbed for 14 days or more shall be planted or otherwise provided with ground cover, devices, or structures sufficient to prevent erosion.

C. A buffer zone must be provided between any land disturbing activities and any lake, natural watercourse, or adjacent property. The buffer zone must be of sufficient width to confine sediment and control erosion. Land disturbing activities for construction of facilities located on, over, or under a lake, natural watercourse, or adjacent property must be planned and conducted to minimize the extent and duration of disturbance to the lake or stream.

D. The ESC permit does not negate the need to fulfill the requirements of any other Local, State and/or Federal permits. Local, State, and Federal permits that may also be required are the responsibility of the owner/authorized agent.

E. Plans must include specific, written, instructions from the QCP to the contractor, regarding erosion and sedimentation requirements. The written instructions must include, but are not limited to, the specific instructions (or equivalent) listed below.

ESC plans, including ESC calculations, ESC measures, and ESC details have been prepared based upon Article 13 of the Jefferson County Subdivision Regulations. If any aspect of the plan requirements are not specifically addressed in Jefferson County's, Article 13, then the ESC calculations, ESC measures, and the ESC details conform to the March, 2009, "Alabama Handbook for Erosion Control, Sediment Control, and Stormwater Management on Construction Sites and Urban Areas", prepared by the Soil and Water Conservation Committee, or other acceptable calculation procedures.

A copy of the accepted erosion and sedimentation control plan shall be on file at the jobsite. Copies of all monthly reports and all accidental discharge reports submitted to ADEM, must also be kept on-site and must be available for inspection by the Director or his/her designee.

The person(s) proposing to conduct any land disturbing activity, an agent, contractor, or other representative of such person, must contact the Department at least five (5) business days before the commencement of such land disturbing activity, to advise the Director and his/her designee of the commencement of the land disturbing activity. The Director or his/her designee may, for good cause, allow such person, agent, contractor, or other representative to contact him/her nearer to the date of the commencement of the land disturbing.

The angle for graded slopes and fills shall be no greater than the angle which can be retained by vegetative cover, or other adequate erosion control devices or structures. Any slope or fill which has been graded shall, within fourteen (14) days of the completion of such grading, or the completion of any phase of grading, be planted or otherwise provided with ground cover, materials, devices or structures sufficient to restrain erosion. The BMP's shall remain in place in accordance with the BMP Plan until the graded slope or fill is stabilized.

Adequate protective measures shall be provided for the containment of hazardous substances and any other materials which may pollute the MS4. Petroleum products, lubricants, paints and all other hazardous substances shall be stored in accordance with SPCC regulations. These substances shall be stored away from all storm drains, and gutters in water tight containers. Disposal of these materials shall be in accordance with ADEM Regulations. Contractors shall provide adequate trash containers, on site, for disposal of construction materials and the contractor shall be responsible for preventing trash from the site to enter into the storm drainage system.

All control measures shall be checked, and repaired as necessary, monthly in dry periods and within twenty-four (24) hours after any rainfall at the site of 0.75 inches, within a twenty-four (24) hour period. During prolonged rainfalls, daily checking and, if necessary, repairs shall be made. The permittee shall maintain written records of such checks and repairs and those records shall be subject to the inspection of the Director or his/her designee at any reasonable time.

All potentially hazardous materials shall be properly stored and may not be exposed to rain or stockpiled. All containers are to be closed and stored or placed in a covered area. All excess or waste materials are to be properly disposed of and trash and waste must be disposed of every ten (10) days, at a minimum.

Erosion control measures shall be maintained as an effective barrier to sedimentation and erosion in accordance with the provisions of this Ordinance. Sediment deposits must be removed when they reach a depth of 15 inches Required on Plans or 1/2 the height of the silt fence as installed, to provide adequate storage volume for the next rain and to reduce the pressure on the silt fencing.

Silt fencing fabric that is collapsed, torn, decomposing, or becomes ineffective must be replaced promptly.

There shall be no distinctly visible floating scum, oil, or other matter contained in the storm water discharge. The storm water discharge to an MS4 must not cause an unnatural color (except dyes or other substances discharged to an MS4 for the purpose of environmental studies and which do not have a harmful effect on the bodies of water within the MS4) or odor in the community waters. The storm water discharge to the MS4 must result in no materials in concentrations sufficient to be hazardous or otherwise detrimental to humans, livestock, wildlife, plant life or fish and aquatic life in the community waters.

When the land disturbing activity is finished and stable vegetation or other permanent controls have been established on all remaining exposed soil, the owner of the land where the land disturbing activity was conducted, or his/her authorized agent, shall notify the Department of these facts and request a Final Inspection. The Department shall then inspect the site within five (5) working days after receipt of the notice.

F. A Certificate of Occupancy (CO) or a Certificate of Completion will not be granted until the land disturbing activity is finished, stable vegetation or other permanent controls have been established on all exposed soil, and a final inspection has been performed.

G. The owner of the construction company, or an authorized agent, must apply for the permit in person. An "authorized agent" must have a signed, notarized, affidavit from the owner, stating that he/she is authorized to apply for the permit.

H. Parcel ID (PID) and, if available, street address;

Order Plans @

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