

NEW ALBANY/FLOYD COUNTY EPSC DETAILED CONSTRUCTION PLAN CHECKLIST

Project Name: _____

New Albany/Floyd County File ID: _____

Provide calculations necessary to support achievement 80% or greater design removal efficiency

SENSITIVE FEATURE PROTECTION

- Slopes greater than 20% - Delineate and show protection mechanism
- Karst features with well-defined surface opening (cave, sinkhole, etc) Delineate and show protection mechanism
- Wetlands - Delineate and show protection mechanism
- Lakes, impoundments, solid & intermittent blue line streams - Delineate and show protection mechanism
- Waters of the State
- Erodible soils per the Sensitive Feature application - Delineate and show protection mechanism
- Specify soil type and hydrologic soil group at finished grade
- Delineate site location on Jefferson County Soil Survey maps

INLET PROTECTION AND PERIMETER CONTROL

- Show location of inlet sediment control BMPs.
- Avoid use of rock bags around inlets on roadways, provide source protection above the curb or, if applicable, allow sediment-laden flow to enter sediment basin or sediment trap
- Provide adequate perimeter control to prevent sediment from leaving the site on all boundaries
- Provide diversions, where applicable, to divert clear water around disturbed area

STORMWATER DISCHARGE

- Design all pipe end treatments and flow control devices to prevent channel erosion
- Submit allowable shear stress and velocity calculations showing that all outlets and channels are stable
- Channels to be stabilized with seed must also have a temporary matting designed and defined
- Design all detention basins as temporary sediment basins during construction

SEDIMENT CONTROL BMPS - SEDIMENT BASINS

- For 5 acres or more draining to a point, a sediment basin is required
- Submit calculations on basin and outlet structure design
- Detail basin & outlet structure (basin dimensions, riser /barrel diameter and height, perforation specifications)

SEDIMENT CONTROL BMPS - SEDIMENT TRAPS

- For 5 acres or less draining to a point
- Submit calculations on trap design
- Detail trap and outlet structure (trap dimensions, rock face parameters, etc.)

ADDITIONAL REQUIREMENTS FOR UTILITY LINES AND CREEK CROSSINGS

- Address all creek crossings
- Address groundwater encountered during trenching (de-watering)
- Provide all bore pits and receiving pits with sediment traps for de-watering activities

OTHER EPSC PLAN ELEMENTS

- Legend of all BMPs
- Licensed Engineer's Stamp
- Existing and Proposed Contours
- Limits of Disturbance
- Construction sequence and phasing necessary to implement EPSC plan as designed Locate all BMPs on the drawing
- Provide stabilized construction entrances at all points of ingress/egress Provide details or standard drawing reference for all specified BMPs
- Show surface stabilization methods and techniques for all surfaces including slopes
- Define maintenance and clean-out schedule for all BMPs
- Permittee's self-inspection form