

# **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