Bullitt County Code Enforcement
149 N Walnut Street, Shepherdsville, KY 40165

EPSC DETAILED CONSTRUCTION PLAN CHECKLIST

Project Name:_____

OVERALL DESIGN REMOVAL EFFICIENCY OF EPSC PLAN

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

SENSITIVE FEATURE PROTECTION

_ Slopes greater than 20o/o - Delineate and show protection mechanism
_ Karsts 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 Commonwealth - Provide mandatory buffer per Statue and/or Ordinance
_ 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 Bullitt County Soil Survey maps

INLET PROTECTION AND PERIMETER CONTROL

_ Show location of inlet sediment control BMPs.
_ Avoid use of rock bags a round inlets on roadways, provide source protection above the curb or, if applicable, a low 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, were applicable, to divert clear water around disturbed area

STORMWATER DISCHARGE

_ Design alt pipe end treatments and flow control devices to prevent channel erosion
_ Submit allowable shears tress and velocity calculations showing that all outlets and channels are stable
_ Channels to be stabilized with seed must also have 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 REOUIREMENTS 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 or 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 engress/egress
_ Provide details or standard drawing reference for all specified BMPs
_ Show surface stabilization methods and techniques for all surfaces including slopes
_ Standard EPSC Notes.
_ Define maintenance and clean-out schedule for all BMPs.
_ Permittee's self-inspection form