EROSION and SEDIMENTATION CONTROL PLAN PRELIMINARY REVIEW CHECKLIST

The following items shall be incorporated with respect to specific site conditions, in an erosion & sedimentation control plan:

NPDES Construction Stormwater General Permit NCG010000

______ Designation on the plans where the 7 or 14 day ground stabilization requirements apply per Part II.E.1 of the permit.

______ Design of basins with one acre or more of drainage area for surface withdrawal as per Part II.B.8 of the permit.

LOCATION INFORMATION

______ Project location & labeled vicinity map (roads, streets, landmarks)

______ North arrow and scale

______ Identify River Basin.

______ Provide a copy of site located on applicable USGS quadrangle and NRCS Soils maps if it is in a River Basin with Riparian Buffer requirements.

GENERAL SITE FEATURES (Plan elements)

______ Property lines & ownership ID for adjoining properties

______ Existing contours (topographic lines)

______ Proposed contours

______ Limits of disturbed area (provide acreage total, delineate limits, and label). Be sure to include all access to measures, lots that will be disturbed, and utilities that may extend offshore.

______ Planned and existing building locations and elevations

______ Planned & existing road locations & elevations, including temporary access roads

______ Lot and/or building numbers

______ Hydrogeologic features: rock outcrops, seeps, springs, wetland and their limits, streams, lakes, ponds, dams, etc. (include all required local or state buffer zones and any DWQ Riparian Buffer determinations)

______ Easements and drainageways, particularly required for offsite affected areas. Include copies of any recorded easements and/or agreements with adjoining property owners.

______ Profiles of streets, utilities, ditch lines, etc.

______ Stockpiled topsoil or subsoil locations

_____ If the same person conducts the land-disturbing activity & any related borrow or waste activity, the related borrow or waste activity shall constitute part of the land-disturbing activity unless the borrow or waste activity is regulated under the Mining Act of 1971, or is a landfill regulated by the Division of Waste Management. If the land-disturbing activity and any related borrow or waste activity are not conducted by the same person, they shall be considered separate land-disturbing activities and must be permitted either through the Sedimentation Pollution Control Act as a one-use borrow site or through the Mining Act.

_____ Location and details associated with any onsite stone crushing or other processing of material excavated. If the affected area associated with excavation, processing, stockpiles and transport of such materials will comprise 1 or more acres, and materials will be leaving the development tract, a mining permit will be required.

_____ Required Army Corps 404 permit and Water Quality 401 certification (e.g. stream disturbances over 150 linear feet)

STORMWATER CALCULATIONS

_____ Design calcs and dimension of sediment basins (note current construction phase & the final runoff coefficients)

_____ Narrative describing the nature & purpose of the construction activity.

_____ Construction sequence related to erosion and sediment control (including installation of critical measures prior to the initiation of the land-disturbing activity & removal of measures after areas they serve are permanently stabilized). Address all phases of construction and necessary practices associated with temporary stream bypasses and/or crossings.

_____ Name and classification of receiving water course or name of municipal operator (only where stormwater discharges are to occur)

STORMWATER CALCULATIONS

_____ Design calculations for peak discharges of runoff (including the design phase & the final runoff coefficients for the site)

_____ Design calculations for peak discharges of runoff (including the design phase & the final runoff coefficients for the site)

_____ Discharge and velocity calculations for open channel and ditch flows (easement & rights-of-way)

_____ Design calcs for cross sections and method of stabilization for existing and planned channels (include temporary linings). Include appropriate permissible velocity and/or shear stress data.

_____ Design calcs and construction details for energy dissipaters below culvert and storm sewer outlets (include stone/material specs & apron dimensions). Avoid discharges on fill slopes.

_____ Design calcs and dimension of sediment basins (note current surface area and dewatering standards as well as diversion of runoff to the basins). Be sure that all surface drains, including ditches and berms, will have positive drainage to the basins.

VEGETATIVE STABILIZATION

_____ Area & acreage to be stabilized with vegetation

_____ Method of soil preparation

_____ Seed type & rates (temporary & permanent)

_____ Fertilizer type and rates

_____ Mulch type and rates (include mulch anchoring methods)

NOTE: Plan should include provisions for groundcover in accordance with NPDES Construction Stormwater General Permit NCG010000.

FINANCIAL RESPONSIBILITY/OWNERSHIP FORM

_____ Completed, signed & notarized FR/O Form

_____ Accurate application fee payable to NCDEQ ($100.00 per acre rounded up the next acre with no ceiling amount)

_____ Certificate of assumed name, if the owner is a partnership

_____ Name of Registered Agent (If applicable)

_____ Copy of the most current Deed for the site. Please make sure the deed(s) and ownership information are consistent between the plan sheets, local records and this form.

_____ Provide latitude & longitude (in decimal degrees) at the project entrance.

_____ Two hard-copies of the plans (some regional offices require additional plans or multiple sizes; please contact the regional coordinator prior to such submittal.)

NOTE: For the Express Permitting Option, inquire at the local Regional Office for availability. Express Reviews are performed by appointment only.

NARRATIVE AND CONSTRUCTION SEQUENCE

_____ Narrative describing the nature & purpose of the construction activity.

_____ Pre-construction conference, if requested.

_____ Construction sequence related to erosion and sediment control (including installation of critical measures prior to the initiation of the land-disturbing activity & removal of measures after areas they serve are permanently stabilized). Address all phases of construction and necessary practices associated with temporary stream bypasses and/or crossings.

_____ Bid specifications related only to erosion control

rev. 1-18-22