E & S CONTROL PLAN TECHNICAL REVIEW CHECKLIST

Project: _____ NPDES/Project No. _____
Project Location: _____ Date: _____

Check-off: c = Complies, d = Deficient, na = Not Applicable, nc = Not Checked, np = Not Provided Item Location: D = E&S Drawings, N = E&S Narrative, D&N = Drawings & Narrative

102.4(b)(3) **"The Erosion and Sediment Control Plan shall be prepared by a person trained and experienced in erosion and sediment control methods and techniques, and shall be designed to minimize the potential for accelerated erosion and sedimentation".**

Name_____ Address _____ Telephone No. _____ Qualifications_____ D&N

102.4(b)(5)(i) **"The existing topographic features of the project site and the immediate surrounding area."**

_____	Legible mapping	D
_____	Existing contours	D
_____	Existing improvements, i.e. roads, buildings, utilities , etc.	D
_____	Existing streams, wetlands, receiving watercourses, etc.	D
_____	Sufficient surrounding area	D
_____	Location map, i.e. USGS	D/N

102.4(b)(5)(ii) **"The types, depth, slope, locations and limitations of the soils"**

_____	Types, slopes, & locations of soil types	D
_____	Soil type use limitations and resolutions	N
_____	Hydric soils	N

102.4(b)(5)(iii) **"The characteristics of the earth disturbance activity, including the past, present, and proposed land uses and the proposed alteration to the project site."**

_____	Proposed NPDES boundary and limits of construction	D
_____	Proposed contours/grades	D
_____	Proposed waterways & stormwater management facilities	D
_____	Proposed improvements, i.e., roads, buildings, utilities, etc.	D
_____	Complete mapping symbols legend and north arrow	D
_____	Past, present and proposed land uses	N

102.4(b)(5)(iv) **"The amount of runoff from the project area and its upstream watershed area."**

_____	Maximum during construction drainage areas	D
_____	Offsite drainage area(s) on USGS quadrangle map	N
_____	Peak flow calculations for all channels	N

102.4(b)(5)(v) **"The location of waters of the Commonwealth which may receive runoff within or from the project site and their classification pursuant to Chapter 93 of this title."**

_____	Existing streams, wetlands, floodway, etc.	D
_____	Receiving watercourses	D
_____	Chapter 93 classification of streams or other waterbodies	N

102.4(b)(5)(vi) **"A written depiction of the location and type of perimeter and on site BMPs used before, during, and after the earth disturbance activity."**

102.4(b)(5)(vii) **"A sequence of BMP installation and removal in relation to the scheduling of earth disturbance activities, prior to, during and after earth disturbance activities".**

_____	Complete and site specific sequence of BMPs installation	D
_____	10 Day Notification/Pre-construction Meeting	D
_____	Activities planned to limit exposed areas	D&N
_____	Removal of temporary BMPs	D&N

102.4(b)(5)(viii) "Supporting calculations"
102.4(b)(5)(ix) "Plan Drawings"

Channels

_____ Locations _____ Contours and Grades _____ Complete details D
_____ Capacity & freeboard calculations _____ Protective lining calculations N

Sediment Basins

_____ Locations _____ Contours D
_____ Complete berm & outlet details _____ Cleanout information D&N
_____ Capacity info _____ Discharge calculations _____Dewatering calculations N
_____ Discharge to waters of the Commonwealth or approved alternative D
_____ Structurally sound D&N

Sediment Traps

_____ Locations _____ Contours D
_____ Complete berm & outlet details _____ Cleanout information D&N
_____ Capacity information _____ Discharge calculations N
_____ Discharge to waters of the Commonwealth or approved alternative D

Silt Fencing

_____ Locations _____ Complete Details _____Rock Filter Outlet Detail and Notes D

Outlet Protection

_____ Locations _____Complete Details D
_____ Design Calculations N

Rock Construction Entrance

_____ Locations _____ Complete Details D

Rock Filters

_____ Locations _____ Complete Details _____ Drainage Area D

Inlet Protection

_____ Locations _____ Complete Details _____ Drainage Area D

Other BMPs (specify) _____

_____ Locations _____Complete Details D
_____ Design Calculations N

PA One Call

_____ Logo and Call Number D

Temporary Stabilization

	Seed	Lime	Fertilizer	Mulch	Others	ECM Detail	
Types	_____	_____	_____	_____	_____	_____	D
Rates	_____	_____	_____	_____	_____		D

Permanent Stabilization

	Seed	Lime	Fertilizer	Mulch	Others	ECM Detail	
Types	_____	_____	_____	_____	_____	_____	D
Rates	_____	_____	_____	_____	_____		D

102.4(b)(5)(x) "A maintenance program which provides for inspection of BMPs on a weekly basis and after each measurable rainfall event, including the repair of the BMPs to ensure effective and efficient operation."

_____ Inspection schedule D
_____ Maximum sediment storage elevation/level in BMPs D
_____ Time frames for completing specific maintenance & repairs for each type of BMP proposed. D
_____ Site stabilization repair parameters & directions D
_____ Disposal directions for sediment removed from BMPs D

102.4(b)(5)(xi) "Procedures which ensure that the proper measures for the recycling or disposal of materials associated with or from the project site will be undertaken in accordance with Department regulations."

_____ Project construction wastes are identified N
_____ Directions for recycling/disposal of construction wastes D
_____ Soil/rock disposal areas provided with BMPs D&N