

- 7) Construction phasing plan and sequencing plan describing the intended sequence of construction activities, including clearing and grubbing; excavation and grading; implementation, timing and duration of temporary and permanent erosion and sediment control practices; installation of utilities and infrastructure; any other soil disturbing activity; and acreage to be disturbed in each phase
- 8) Final landscaping plans for structural stormwater management practices and any reforestation or revegetation
- 9) Description of pollution prevention measures to control construction litter, construction chemicals and debris
- 10) Description and location of any stormwater discharges associated with industrial activity other than construction at the site, including but not limited to, stormwater discharges from asphalt plants and concrete batch plants on the construction site

Comments:

For construction activities listed in Table 2 of Appendix B of GP-0-10-001:

Hydrologic and hydraulic analysis for all structural components of stormwater system (e.g. storm drains, open channels, swales, stormwater management practices, manufactured treatment systems, etc.) for applicable design storms including:

SWPPP Deficiencies as checked below:

- 1) Existing and Proposed condition analyses for time of concentrations, runoff rates, volumes, velocities, water surface elevations and routing showing methodologies used and supporting calculations
- 2) Channel Protection Volume and detention time calculations
- 3) Comparison summary of post-development stormwater runoff conditions with pre-development conditions for 1-year, 10-year, 100-year design storms in accordance with the *New York State Stormwater Management Design Manual*
- 4) Stormwater management practice sizing calculations using the Enhanced Phosphorus Removal Standards (TMDL watersheds)
- 5) Water Quality volume and Runoff Reduction volume calculations; and documentation of RR practices and their treatment volumes
- 6) Infiltration/percolation tests, where required; or logs of borehole investigations and supporting geotechnical report

Comments:

Representative cross-section and profile drawings and details of structural stormwater management practices and conveyances (e.g. storm drains, open channels, swales, etc.) which include:

SWPPP Deficiencies as checked below:

- 1) Existing and proposed structural elevations (e.g. invert of pipes, manholes, etc.)
- 2) Construction drawing(s) identifying the specific locations and sizes of each post-construction stormwater control practice
- 3) Description, dimensions, material specifications and installation details for each post-construction stormwater control practice, including outlet structures, embankments, spillways, settling basins, grade control structures, conveyance channels, etc.
- 4) Construction drawing(s) showing locations of Runoff Reduction practices; and design, material specifications and installation details

Comments:

SWPPP Deficiencies as checked below:

- 1) Post-construction maintenance schedule to ensure continuous and effective operation of each post-construction stormwater control practice, including monitoring and maintenance frequency, identification of responsible parties, description of applicable easements, vegetative requirements, access and safety issues, and testing and disposal of sediments as they are removed
- 2) Weekly or twice-weekly inspection checklist identifying measures to be inspected by a qualified site inspector
- 3) Request to disturb greater than five acres at any given time including justification for disturbance, additional erosion and sediment control measures to mitigate disturbance, phasing plan, cuts and fills plan, and total acreage to be disturbed in each phase
- 4) Documentation of downstream analysis or discharge to fifth-order stream to request waiving control of Channel Protection Volume, Overbank Flood Control or Extreme Flood Control
- 5) Identification of any stormwater management practices that deviate from the *New York State Stormwater Management Design Manual*, reason for the deviation and demonstration that the alternative practice or deviation is equivalent to the technical standard

Comments: