

**APPENDIX H
SITE DISTURBANCE PLAN CHECKLIST**

1. Project Summary

- Size of site (acres or square feet)
- Structures to be constructed
- Size (area) of planned roads, parking areas, and sidewalks
- Changes in drainage
- Changes in vegetative cover
- A description of temporary and permanent erosion control measures
- A description of the stormwater system
- Any design problems or constraining environmental conditions
- How the proposed BMPs were selected for the project
- Pertinent information which supports the design calculations
- Soil type and suitability for proposed BMPs
- Method(s) for handling anticipated groundwater
- Fill placement considerations (benching, terracing, compaction, justification for steeper than ordinance standards)
- Cut slope considerations (terracing, justification for steeper than ordinance standards)
- Product specifications
- Permanent stabilization requirements (seed types, fertilizers, application rates, timing)
- Winterization requirements (when applicable)
- Inspection schedule
- Cost estimate
- Construction schedule

Comments _____

2. Vicinity Drainage (not greater than 2000 feet to the inch)

- Stormwater Drainage Patterns within one mile of site
- Existing surface water bodies (streams, rivers, lakes, wetlands) within one mile
- Extent of the watershed area(s) which drains to or through the project site

Comments _____

3. Site Plan(s) (not greater than 100 feet to the inch)

- a. Existing site conditions
 - Property boundaries
 - Existing roads, sidewalks, parking areas, and other impervious surfaces (indicating paved, gravel, dirt, etc.)

- Structures (describe dimensions, construction)
- Surface water features and designated buffer zones
- Water drainage channels (with flow, velocity, and volume information)
- Utilities
- Easements
- Topography (two foot contour intervals with reference datum)
- Location of soil types
- Location of vegetative cover types (grassland, scrubs, trees, wetland)

b. Proposed Features

- Areas to be cleared of vegetation
- Areas where soil is to be stockpiled
- Areas to be graded, filled, and/or excavated (with proposed final contours)
- Location/width/configuration of benches, terraces, other slope treatments
- Areas to be revegetated (indicating lawn, landscaping details, etc)
- New structures
- New roads, parking areas, sidewalks (indicating paved, gravel, dirt, etc.)
- Utilities
- Easements
- Erosion and sedimentation control features, including:
 - Location, type, and proper installation of temporary measures
 - Stabilized construction entrance, parking and staging areas
 - Method(s) for temporarily covering spoil piles and disturbed ground
 - Dust abatement and measures to reduce wind erosion
 - Permanent site stabilization and revegetation methods must also be included
- Post construction stormwater drainage patterns
- Stormwater conveyance, treatment, and detention features, including:
 - Location(s), profile/cross section(s), bottom elevations, slope(s), dimensions, invert elevation(s), other information necessary to convey the design parameters and method of functioning
- Cross section dimensions and bottom elevations of any off-site drainage channel which will either contribute runoff to the site or into which on-site runoff will pass

Comments _____

4. Calculations

- Hydrologic model used (S.C.S., Rational Method)
- Assumptions made
- Data used
- Off-site runoff flowing on-site for design storm
- Existing runoff generated on-site for design storm
- Post construction runoff generated on-site for design storm
- Anticipated loss rates (evaporation, infiltration) for each treatment and detention feature

- Anticipated flow capacity and velocity in conveyance systems
- Detention/retention time and volumes
- Any other pertinent design consideration which will help describe the appropriate functioning of the system
- Post-construction runoff which will move off-site

Comments _____

5. Operation and Maintenance

- Inspection frequency
- Responsible person or entity
- Routine maintenance requirements
- System failure

Comments _____

6. General

- Submit 2 sets of plans for County review and approval
- Plans stamped, signed, and dated by qualified design professional
- Submit pre-development waterfront photos for all development along the waterfront.