

Construction Stormwater Pollution Prevention Plan Checklist

Project Name: _____

City/County Reference No. _____

Review Date: _____

On-site Inspection Review Date: _____

Construction SWPPP Reviewer: _____

Section I – Construction SWPPP Narrative

1. Construction Stormwater Pollution Prevention Elements

- ___ a. Describe how each of the Construction Stormwater Pollution Prevention Elements has been addressed through the Construction SWPPP.
- ___ b. Identify the type and location of BMPs used to satisfy the required element.
- ___ c. Justify and identify, if necessary, the reason an element is not applicable to the proposal.

> 12 Required Elements – Construction Stormwater Pollution Prevention Plan:

- ___ 1. Mark Clearing Limits
- ___ 2. Establish Construction Access
- ___ 3. Control Flow Rates
- ___ 4. Install Sediment Controls
- ___ 5. Stabilize Soils
- ___ 6. Protect Slopes
- ___ 7. Protect Drain Inlets
- ___ 8. Stabilize Channels and Outlets
- ___ 9. Control Pollutants
- ___ 10. Control De-Watering
- ___ 11. Maintain BMPs
- ___ 12. Manage the Project

2. Project Description

- ___ a. Total Project Area
- ___ b. Total proposed impervious area
- ___ c. Total proposed area to be disturbed
- ___ d. Total volumes of proposed cuts/fill

3. Existing Site Conditions

- ___ a. Description of the existing topography.
- ___ b. Description of the existing vegetation.
- ___ c. Description of the existing drainage

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4. Adjacent Areas

___ I. Description of adjacent areas which may be affected by site disturbance

- ___ a. Streams
- ___ b. Lakes
- ___ c. Wetlands
- ___ d. Residential Areas
- ___ e. Roads
- ___ f. Other

___ II. Description of the downstream drainage path leading from the site to the receiving body of water. (Minimum distance of 400 yards.)

5. Critical Areas

- ___ a. Description of critical areas that are on or adjacent to the site.
- ___ b. Description of special requirements for working in or near critical areas.

6. Soils

___ Description of on-site soils.

- ___ a. Soil name(s)
- ___ b. Soil mapping unit
- ___ c. Erodibility
- ___ d. Settleability
- ___ e. Permeability
- ___ f. Depth
- ___ g. Texture
- ___ h. Soil Structure

7. Erosion Problem Areas

___ Description of potential erosion problems on site.

8. Construction Phasing

- ___ a. Construction sequence
- ___ b. Construction phasing (if proposed)

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9. Construction Schedule

___ I. Provide a proposed construction schedule.

___ II. Wet Season Construction Activities

___ a. Proposed wet season construction activities.

___ b. Proposed wet season construction restraints for environmentally sensitive/critical areas.

10. Financial/Ownership Responsibilities

___ a. Identify the property owner responsible for the initiation of bonds and/or other financial securities.

___ b. Describe bonds and/or other evidence of financial responsibility for liability associated with erosion and sedimentation impacts.

11. Engineering Calculations

___ 1. Provide Design Calculations.

___ a. Sediment Ponds/Traps

___ b. Diversions

___ c. Waterways

___ d. Runoff/Stormwater Detention Calculations

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Section II - Erosion and Sediment Control Plans

1. General

- ___ a. Vicinity Map
- ___ b. City/County of _____ Clearing and Grading Approval Block
- ___ c. Erosion and Sediment Control Notes

2. Site Plan

- ___ a. Legal description of subject property.
- ___ b. North Arrow
- ___ c. Indicate boundaries of existing vegetation, e.g. tree lines, pasture areas, etc.
- ___ d. Identify and label areas of potential erosion problems.
- ___ e. Identify any on-site or adjacent critical areas and associated buffers.
- ___ f. Identify FEMA base flood boundaries and Shoreline Management boundaries (if applicable)
- ___ g. Show existing and proposed contours.
- ___ h. Indicate drainage basins and direction of flow for individual drainage areas.
- ___ i. Label final grade contours and identify developed condition drainage basins.
- ___ j. Delineate areas that are to be cleared and graded.
- ___ k. Show all cut and fill slopes indicating top and bottom of slope catch lines.

3. Conveyance Systems

- ___ a. Designate locations for swales, interceptor trenches, or ditches.
- ___ b. Show all temporary and permanent drainage pipes, ditches, or cut-off trenches required for erosion and sediment control.
- ___ c. Provide minimum slope and cover for all temporary pipes or call out pipe inverts.
- ___ d. Show grades, dimensions, and direction of flow in all ditches, swales, culverts and pipes.
- ___ e. Provide details for bypassing off-site runoff around disturbed areas.
- ___ f. Indicate locations and outlets of any dewatering systems.

4. Location of Detention BMPs

- ___ a. Identify location of detention BMPs.

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5. Erosion and Sediment Control Facilities

- a. Show the locations of sediment trap(s), pond(s), pipes and structures.
- b. Dimension pond berm widths and inside and outside pond slopes.
- c. Indicate the trap/pond storage required and the depth, length, and width dimensions.
- d. Provide typical section views through pond and outlet structure.
- e. Provide typical details of gravel cone and standpipe, and/or other filtering devices.
- f. Detail stabilization techniques for outlet/inlet.
- g. Detail control/restrictor device location and details.
- h. Specify mulch and/or recommended cover of berms and slopes.
- i. Provide rock specifications and detail for rock check dam(s), if applicable.
- j. Specify spacing for rock check dams as required.
- k. Provide front and side sections of typical rock check dams.
- l. Indicate the locations and provide details and specifications for silt fabric.
- m. Locate the construction entrance and provide a detail.

6. Detailed Drawings

- a. Any structural practices used that are not referenced in the Ecology Manual should be explained and illustrated with detailed drawings.

7. Other Pollutant BMPs

- a. Indicate on the site plan the location of BMPs to be used for the control of pollutants other than sediment, e.g. concrete wash water.

8. Monitoring Locations

- a. Indicate on the site plan the water quality sampling locations to be used for monitoring water quality on the construction site. Sampling stations shall be located upstream and downstream of the project site.