Preparation of the Stormwater Site Plans and Construction Stormwater Pollution Prevention Plan Checklist: Minimum Requirements #1: Preparation of Stormwater Site Plans & #2: Construction Stormwater Pollution Prevention Plans (SWPPP)

The following is a checklist intended to help the landowner/contractor to gather the proper information needed to submit plans for drainage review to San Juan County Public Works. Plans submitted for drainage review fall into 2 categories: Construction (SWPPP) or **temporary** – erosion/sediment control during construction and Site Plans or **long-term** – permanent stormwater controls for the building(s), driveway and other impervious surfaces. San Juan County has adopted the Department of Ecology's 2005 Stormwater Management Manual for Western Washington guidelines or Best Management Practices (**BMP's)** for stormwater and sediment control. You can find these BMP's at the Stormwater link on following website: **http://www.co.san-juan.wa.us/publicworks/index.html**

Section I – Written Narrative

1. Construction Stormwater Pollution Prevention Elements

___ a. Describe how each of the Construction Stormwater Pollution Prevention Elements listed below has been addressed though the Construction SWPPP.

___ b. Identify the type and location of (Best Management Practices) BMPs used to satisfy the required element.

___ c. Justification identifying the reason an element (listed below) is not applicable to the proposal.

12 Required Elements - Construction Stormwater Pollution Prevention Plan

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

2. Project Description

___ a. Total lot size.
___ b. Total proposed impervious area (buildings, driveways, compacted soils, etc).
___ c. Total proposed area to be disturbed, including off-site borrow and fill areas.
___ d. Total volumes of proposed cut and fill.

3. Existing Site Conditions

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

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

5. Critical Areas (unstable or steep slopes, landslide hazards, etc.)

___ 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.

7. Erosion Problem Areas
___ Description of potential erosion problems on site.

8. Construction Phasing
___ a. Construction sequence

9. Construction Schedule
___ 1. Provide a proposed construction schedule.
___ 2. Wet Season Construction Activities

10. Engineering Calculations (typically applicable for sites larger then 5000SQFT)
___ 1. Provide Design Calculations.
- ___ a. Sediment Ponds/Traps
- ___ b. Runoff/Stormwater Detention Calculations
- ___ c. Bioswales
- ___ d. Filter Strips
- ___ e. Wet pools

Section II – Stormwater & Construction Site Plans

1. General
___ a. Vicinity Map
___ b. Scaled Site Plan
___ c. Narrative describing short-term (construction) BMP's and long-term (permanent) BMP's

2. Site Plan
___ a. North Arrow
___ b. Show all existing and proposed buildings, driveways and other impervious surfaces.
___ 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 surface waters, 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 direction of flow for parcel.
___ 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.
___ l. Show all permanent stormwater controls and their flow paths.

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. Show grades, dimensions, and direction of flow in all ditches, swales, culverts and pipes.
___ d. Indicate locations and outlets of any dewatering systems (if applicable).

4. Location of treatment or flow control pond BMPs
___ a. Identify location of treatment or flow control BMPs (if applicable).