



# Stormwater Pollution Prevention Plan (SWPPP) Narrative

Please complete this narrative form and submit with your SWPPP drawings. Refer to Kitsap County Stormwater Design Manual Vol. II, Chapter 2.

## Project Description

Please list the size of the property in acres:

Total proposed area to be disturbed in square feet:

Total hard surface area to be created or replaced in square feet:

Total volume of proposed cut in cubic yards:

Total volume of proposed fill in cubic yards:

**Please note:** If this is for a residential Single-Family Residence (SFR), the amount of proposed cut and fill for the foundation may be excluded.

## Existing Site Conditions

Describe existing topography:

Describe existing vegetation:

Describe any drainage features: *Include seasonally wet areas, streams, steep slopes, etc*

Identify adjacent areas which may be affected by site disturbance:

Streams

Wetlands

Other

Lakes

Residential Areas

Roads

If any areas were selected above, Please describe the area(s):

## Required Elements

Check the BMPs you will use to satisfy the required element and identify the BMP location on the SWPPP plan. A complete description of each BMP with associated detail is found in the 2012 Department of Ecology Stormwater Management Manual for Western Washington, Vol. II, Chapter 4.1 and Chapter 4.2. There are 13 Required Elements of the Construction Stormwater Pollution Prevention Plan. If an element does not apply to your proposal, provide a written justification identifying the reason an element is not applicable to the proposal.

### 1. Mark the area disturbed by construction activity:

BMP C101 – Preserving Natural Vegetation

BMP C102 – Buffer Zones

BMP C103 – High Visibility Plastic or Metal Fence

BMP C104 – Stake and Wire Fence

Describe the total disturbed area and reference how you will clearly mark the area of disturbance:

*example – grading, building pad, driveway, septic installation, etc*

### 2. Establish construction access:

BMP C-105 – Stabilized Construction Entrance

BMP C106 – Wheel Wash

BMP C107 – Construction Road/Parking Area Stabilization

Not Applicable

Describe the construction access:

### 3. Control Flow Rates:

*If there is substantial grading and/or the potential for stormwater runoff to flow off site during construction then one of the two BMPs must be identified and shown on the site plan.*

BMP C240 – Sediment Trap

BMP C241 – Temporary Sediment Pond

Not Applicable – Very little grading and/or site does not experience site runoff during storms

Describe the control flow rates:

**4. Install Sediment Controls:**

*When there is grading on a site and the site is sloped, there is a potential for sediment to leave the site during storm events. Please identify a BMP below if your site has any slope to it.*

BMP C231 – Brush Barrier

BMP C232 – Gravel Filter Berm

BMP C233 – Silt Fence

BMP C234 – Vegetated Strip

BMP C235 – Straw Wattles

Not Applicable

Describe the sediment controls:

**5. Stabilize Soils:**

*All exposed soil must be protected from rainfall and wind erosion. From October 1 through April 30, no soil shall remain exposed and unworked for more than 2 days. From May 1 to September 30, no soils shall remain exposed and unworked for more than 7 days.*

BMP C120 – Temporary and Permanent Seeding

BMP C121 – Mulching

BMP C122 – Nets and Blankets

BMP C123 – Plastic Covering

Describe how the soils will be stabilized:

**6. Protect Slopes:**

*If the property has slopes, they must be protected from erosion if work is done on or near them.*

BMP C120 – Temporary and Permanent Seeding

BMP C130 – Surface Roughening

BMP C131 – Gradient Terraces

Not Applicable

Describe how the slopes will be protected:

**7. Protect Drain Inlets:**

*Storm drains shall be protected from sediment entering them.*

BMP C202 – Channel lining

Not Applicable

**8. Stabilize Channels and Outlets:**

*If temporary on-site conveyance channels are used, they must be stabilized to protect against erosion.*

BMP C202 – Channel Lining

BMP C209 – Outlet Protection

Not Applicable

**9. Control Pollutants:**

*All pollutants shall be handled and disposed of in a manner that does not cause contamination of stormwater. Please identify any BMPs used for the project.*

BMP C151 – Concrete Handling

BMP C152 – Saw Cutting and Surfacing Pollution Prevention

Above BMPs not expected to be necessary. Regardless, required precautions will be taken to ensure pollutants are handled and disposed of in a safe manner.

**10. Control De-Watering:**

*If the site is expected to experience ponding and/or foundation is left in a manner that encourages water ponding, then the applicant shall make necessary plans to discharge the water in a manner that ensures it is safely cleaned before being discharged.*

Describe the de-watering plan:

**11. Maintain BMPs:**

*All temporary and permanent erosion and sediment control BMPs shall be maintained and repaired as needed to assure continued performance of their intended function.*

Describe how the BMPs will be maintained and repaired:

**12. Manage the Project:**

*Phasing of the project is encouraged to prevent soils from being exposed for extended periods of time.*

Describe how project construction will be planned to limit impact and soil exposure:

### **13. Protect Low Impact Development BMPs:**

*Protect all Bioretention, Rain garden, and other LID BMPs from sedimentation, through installation and maintenance of erosion and sediment control BMPs on portions of the site that drain into LID areas or facilities. Restore BMP to fully functioning condition if sediment enters LID BMP.*

Prevent compaction of Bioretention and Rain garden BMPs by excluding both construction traffic and foot traffic.

Protect lawn and landscape areas from compaction by construction equipment.

Control erosion and prevent sediment from entering permeable pavement construction areas. Do not allow muddy construction equipment on base material or permeable pavement.

Pavement fouled with sediment or no longer passing initial infiltration test must be properly cleaned.

Keep all heavy equipment off existing soils under LID facilities that have been excavated to final grade.

Coordinate with Utilities and other Contractors to ensure protection of LID facilities during construction.

Describe how low impact development BMPs will be protected: