



PUBLIC WORKS DEPARTMENT

2095 MAIN STREET / P.O. BOX 936

FERNDALE, WA 98248

(360) 384-4006

MR #2 Stormwater Pollution Prevention Plan (SWPPP) Narrative

Every Construction Stormwater Pollution Prevention Plan (SWPPP) must address the **13** required elements from the Washington State Department of Ecology [SWMMWW](http://www.wa.gov/SDOE/SWPPP).

Check the suggested BMP you will use to satisfy the required element and **identify location on the stormwater site 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. **Preserve Vegetation/Mark the Area Disturbed by Construction Activity.** Reference how you will clearly mark the area of disturbance.

- ☐ BMP C101 – Preserving Natural Vegetation
 - ☐ BMP C102 – Buffer Zones
 - ☐ BMP C103 – High Visibility Plastic or Metal Fence
 - ☐ BMP C104 – Stake and Wire Fence
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2. **Establish Construct Access.** Describe construction access.

- ☐ BMP C105 – Stabilized Construction Entrance
 - ☐ BMP C106 – Wheel Wash
 - ☐ BMP C107 – Construction Road/Parking Area Stabilization
 - ☐ Not applicable – Existing access will prevent tracking of sediment onto public right-of-way
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3. **Control Flow Rates.** If there is substantial grading and/or the potential for stormwater runoff to flow off site during construction, then consider one of the two BMPs and show 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 storm events
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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
 - ☐ Site is flat and no potential for sediment to leave the site exists
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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
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6. **Project 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 – The property does not have any slopes nor are there any slopes within 100 Feet of the project boundaries
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7. **Protect Drain Inlets.** Storm drains shall be protected from sediment entering them.

- ☐ C220 – Storm Drain Inlet Protection
- ☐ Not Applicable – There are no storm drains on the property or within 100 feet of the stabilized construction access.

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 – Temporary on-site conveyance channels are not used for this project.

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

- ☐ BMP C151 – Concrete Handling
- ☐ CMP C152 – Sawcutting and Surfacing Pollution Prevention
- ☐ Above BMP not expected to be necessary, however all necessary 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 plan for dewatering below.

- ☐ Not applicable. Site does not experience ponding and foundation will be kept dry such that water accumulation does not occur.
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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.

☐ BMPs will be checked weekly and immediately after storm events.

☐ Other: _____

12. **Managing the Project.** Phasing of the project is encouraged to prevent soils from being exposed for extended periods of time. Please describe how you will be planning your project to ensure that construction impact and soil exposure is limited.

13. **Protect Low Impact Development BMPs.** Protect all LID BMPs from sedimentation through installation and maintenance of erosion and sedimentation control BMPs on portions of the site that drain into the LID BMPs. Maintain the infiltration capabilities of LID BMPs by protecting against compaction by construction equipment and foot traffic. Protect completed lawn and landscaped areas from compaction due to construction equipment. Restore the BMPs to their fully functioning condition if sedimentation or compaction occur. Please describe how sedimentation and compaction will be avoided.