

Construction Stormwater Site Inspection Form



Project Name: _____ **Inspection Date:** _____
Permit # _____ **Inspection Time:** _____

Name of Certified Erosion Sediment Control Lead (CESCL) – or qualified inspector if *less than one acre*

Print Name: _____

Approximate rainfall amount since the last inspection (in inches): _____

Approximate rainfall amount in the last 24 hours (in inches): _____

Current Weather Clear Cloudy Mist Rain Wind Fog Other _____

A. Phase of Construction: Pre-construction During construction Post-construction

B. Construction Activities: *(check all that apply)*

- | | | |
|---|--|---|
| <input type="checkbox"/> Pre-construction/installation of erosion/sediment control BMPs | <input type="checkbox"/> Clearing/Demo/Grading | <input type="checkbox"/> Infrastructure/storm/roads |
| <input type="checkbox"/> Concrete pours | <input type="checkbox"/> Vertical Construction/buildings | <input type="checkbox"/> Utilities |
| <input type="checkbox"/> Offsite improvements | <input type="checkbox"/> Site temporary stabilized | <input type="checkbox"/> Final stabilization |

C. Questions:

1. Were all areas of construction and discharge points inspected? Yes _____ No _____
2. Did you observe the presence of suspended sediment, turbidity, discoloration, or oil sheen? Yes _____ No _____

If yes, please describe the event. Include when, where, and why it happened; what action was taken, and when:

(Note: if your project is >1 acre and you fall under the State Construction Stormwater General Permit, sampling is probably required – enforced by Washington Dept. of Ecology.)

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D. Check the observed status of all items. Provide "Action Required" details and dates.

Element ^a	Phase ^b	Inspection	BMPs Inspected? ^c			BMP Needs Maintenance?	BMP Failed?	Action Required (describe in section F)
			yes	no	n/a			
1 Clearing Limits	1	Before beginning land disturbing activities are all clearing limits, natural resource areas (streams, wetlands, buffers, trees), and locations for infiltration or dispersion BMPs protected with barriers or similar BMPs? (high visibility recommended)						
2 Construction Access	1	Were construction access roads located in areas where future roads and utility corridors will be placed?						
	1	Construction access is stabilized with quarry spalls or equivalent BMP to prevent sediment from being tracked onto roads?						
	1,2	Sediment tracked onto the roadway was cleaned thoroughly at the end of the day or more frequent as necessary.						
3 Control Flow Rates	2	Are flow control measures installed to control stormwater volumes and velocity during construction and do they protect downstream properties and waterways from erosion?						
	2,3	If permanent infiltration ponds are used for flow control during construction, are they protected from siltation?						
4 Sediment Controls	2	All perimeter sediment controls (e.g. silt fence, wattles, compost socks, berms, etc.) installed, and maintained in accordance with the Stormwater Pollution Prevention Plan (SWPPP).						
	2	Sediment control BMPs (sediment ponds, traps, filters etc.) have been constructed and functional as the first step of grading.						

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			yes	no	n/a			
4 Sediment Controls (cont.)	2	Stormwater runoff from disturbed areas is directed to sediment removal BMP.						
5 Stabilize Soils	2	Have exposed un-worked soils been stabilized with effective BMP to prevent erosion and sediment deposition?						
	2	Are stockpiles stabilized from erosion, protected with sediment trapping measures and located away from drain inlet, waterways, and drainage channels?						
	2	Have soils been stabilized at the end of the shift, before a holiday or weekend if needed based on the weather forecast?						
	2	Were areas of rich topsoil left in place, or utilized elsewhere on the site to amend soils?						
6 Protect Slopes	2	Have cut and fill slopes been design in a manner to prevent erosion (for example, using terracing and diversions, reducing slope steepness, or roughening slope surfaces).						
	2	Has stormwater and ground water been diverted away from slopes and disturbed areas with interceptor dikes, pipes and or swales?						
	2	Is off-site stormwater managed separately from stormwater generated on the site?						
	2	Is excavated material placed on uphill side of trenches consistent with safety and space considerations?						
	2	Have check dams been placed at regular intervals within constructed channels that are cut down a slope?						

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			yes	no	n/a			
7 Drain Inlets	2	Are storm drain inlets made operable during construction protected?						
	2, 3	Are existing storm drains within the influence of the project protected?						
	2	Are storm drain inlets cleaned or replaced when sediment has filled one-third of the available storage (unless otherwise specified by the manufacturer)?						
8 Stabilize Channel and Outlets	2, 3	Have all on-site conveyance channels been designed, constructed and stabilized to prevent erosion from expected peak flows?						
	2, 3	Is stabilization, including armoring material, adequate to prevent erosion of outlets, adjacent stream banks, slopes and downstream conveyance systems?						
9 Control Pollutants	1, 2	Are waste materials and demolition debris handled and disposed of to prevent contamination of stormwater?						
	1, 2	Has cover been provided for all chemicals, liquid products, petroleum products, and other material?						
	1, 2	Has secondary containment been provided capable of containing 110% of the volume?						
	2	Were contaminated surfaces cleaned immediately after a spill incident?						
	2	Were BMPs used to prevent contamination of stormwater by a pH modifying sources?						
	2	Was approval obtained for using methods other than CO ₂ or dry ice for pH adjustment?						

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			yes	no	n/a			
9 Control Pollutants (cont.)	2	Is wheel wash wastewater = handled and disposed of properly?						
	2	Is concrete washout performed in designated areas, and no washout or excess concrete on the ground?						
10 Control Dewatering	2	Has dewatering been done to an approved source and in compliance with the SWPPP?						
	2	Was any clean, non-turbid water discharged to a system tributary to or directly to surface water or ground water?						
11 Maintain BMP	2, 3	Have erosion and sediment control BMPs been maintained to perform as intended?						
12 Manage the Project	1, 2, 3	Has the project been phased to the maximum degree practicable?						
	2, 3	Has regular inspection, monitoring and maintenance been performed?						
	2	Has the SWPPP been updated and implemented? Have records been maintained?						
13 Protect LID	2, 3	Are bioretention facilities and rain gardens protected from sedimentation with appropriate BMPs?						
	2, 3	Are bioretention facilities and rain gardens protected from construction equipment and foot traffic?						
	2, 3	Are permeable pavement areas clean and free of sediment and sediment laden-water runoff? Has muddy construction equipment been on the base material or pavement?						

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Element ^a	Phase ^b	Inspection	BMPs Inspected? ^c			BMP Needs Maintenance?	BMP Failed?	Action Required
13 Protect LID (cont.)	2, 3	Have soiled permeable pavement areas been cleaned of sediments? Do permeable pavement areas pass a post-construction infiltration test? <i>(Refer to methodology in the Stormwater Management Manual for Western Washington)</i>						
	2	Has heavy equipment been kept off existing soils under LID facilities to retain infiltration rate?						
	2	Has excavation of infiltration areas been avoided during wet or saturated conditions?						

Notes:

- a. Element refers to Stormwater Pollution Prevention Plan (SWPPP) elements which are described in detail in Volume II of the 2012-14 Stormwater Management Manual for Western Washington (SWMMWW).
- b. Phase refers to the following City of Sequim Construction Phases:
 - Phase 1 - Pre-construction (prior to site clearing and construction)
 - Phase 2 - During construction
 - Phase 3 - Post-construction (upon completion of project construction and prior to final approval)
- c. BMPs refer to Construction SWPPP BMPs, including Sediment and Erosion Control BMPs (Source Control BMPs and Runoff Conveyance and Treatment BMPs), described in detail in Volume II of the 2012-14 SWMMWW.

E. Check all areas that have been inspected.

- All in place BMPs
 All disturbed soils
 All concrete wash out area
 All material storage areas
 All discharge locations
 All construction entrances/exits

F. If the inspector has selected element(s) as “Action Required” in section D above, the corrective action to be taken should be described below. List the element number; specific location and work needed. Document the completed corrective action with the date and inspector’s initials.

Element	Description and Location	Action Required	Completion Date	Initials

Attach additional page(s) if needed

Sign the following certification:

“I certify that this report is true, accurate, and complete, to the best of my knowledge and belief”

Inspected by: (print) _____ (Signature) _____ Date: _____

Title/Qualification of Inspector: _____