**Construction ESC Inspection Checklist**

Objective: Inspections conducted during construction activities should verify proper installation and maintenance of required erosion and sediment control (ESC) best management practices (BMPs) and the protection of permanent stormwater BMPs/facilities.

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| **Project Information** |  |
| Project Name: | Project/Permit Number: |
| Location: |
| **Property Owner Information**Owner Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Owner Phone Number: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Owner Email Address: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | **Inspection Information**Inspector Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Date of Inspection: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Time of Inspection: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| **Contractor Information**Contractor Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Lead Contact Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Lead Phone Number: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Lead E-mail Address: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | **Certified Erosion and Sediment Control Lead (CESCL)**CESCL Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_CESCL Certification Expiration Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_CESCL Phone Number: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_CESCL E-mail Address: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
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| Is the inspection occurring:[ ]  After a holiday?[ ]  On a Monday morning? | [ ]  On a Friday afternoon?[ ]  Before a predicted storm? | [ ]  During a storm?[ ]  After a storm? (<24 hours) |
| Does the contractor have appropriate documentation onsite or within reasonable access to the site? |
| [ ]  Yes [ ]  Action required[ ]  N/A | [ ]  Site Map/Plan [ ]  Construction SWPPP[ ]  Soil and Vegetation Management Plan [ ]  ESC Plan [ ]  Daily Log[ ]  Discharge monitoring reports (DMRs)[ ]  Other: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

**Are any of the following BMPs present?** [ ]  Bioretention/Rain Gardens [ ]  Permeable Pavement

*See Construction of Permanent Stormwater BMPs/Facilities Inspection Checklist*

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| Item # | Inspection Item | BMP Examples | Satisfactory? |
| 1 and 13A | Are the following clearly marked and in good condition?* Project clearing limits/perimeter
* Sensitive/critical areas and buffers
* Protected trees/vegetation
* LID BMPs (infiltration/dispersion)
 | * Flagging
* High visibility fence
* Silt fence
 | [ ]  Yes [ ]  Action required [ ]  N/A |
| 2 | Is track-out of sediment prevented? | * Stabilized construction entrance/exit
* Wheel wash
 | [ ]  Yes [ ]  Action required [ ]  N/A |
| 3A | Are flow control facilities installed and functioning properly? |  | [ ]  Yes [ ]  Action required [ ]  N/A |
| 3B | If permanent flow control facilities are used for flow control during construction, are they protected from siltation? |  | [ ]  Yes [ ]  Action required [ ]  N/A |
| 4A | Are perimeter sediment controls installed and functioning properly? | * Brush barrier
* Wattles
 | * Silt fence
* Gravel filter berm
 | [ ]  Yes [ ]  Action required [ ]  N/A |
| 4B | Are sediment control BMPs constructed and functioning properly?  | * Sediment ponds
* Sediment traps
 | [ ]  Yes [ ]  Action required [ ]  N/A |
| 5A | Are soils and stockpiles covered and stabilized properly? | * Seeding
* Mulching
 | * Nets and blankets
* Plastic covering
 | [ ]  Yes [ ]  Action required [ ]  N/A |
| 5B | Are dust control measures effective? | * Dust suppression (water, palliative, PAM)
* Windbreaks/windscreens
 | * Planting/ mulching
* Paving/gravel
* Maintain ground cover
* Street sweeping
 | [ ]  Yes [ ]  Action required [ ]  N/A |
| 6 | Are slopes protected and is erosion prevented? | * Seeding
* Mulching
* Check dam
* Surface roughening
* Nets and blankets
 | * Interceptor dike/swale
* Grass-lined channel
* Pipe slope drain
* Plastic covering
 | [ ]  Yes [ ]  Action required [ ]  N/A |
| 7 | Are drain inlets protected and functioning properly? | * Filter sock
* Berm
 | [ ]  Yes [ ]  Action required [ ]  N/A |
| 8 | Are conveyance channels and outlets stabilized, protected, and functioning properly? | * Channel lining
* Check dam
 | * Nets and blankets
* Outlet protection
 | [ ]  Yes [ ]  Action required [ ]  N/A |
| 9A | Are waste materials and demolition debris handled and disposed of properly? | * Proper paint storage/ disposal
* Proper disposal of plaster
* Proper disposal of sheet rock
 | [ ]  Yes [ ]  Action required [ ]  N/A |
| 9B | Are pollutant source control measures available onsite? | * Secondary containment
* Solid Waste Management/ dumpster
* Covered chemical storage area
* Concrete washout
* Spill kit
 | [ ]  Yes [ ]  Action required [ ]  N/A |
| 10 | Are dewatering BMPs in place and functioning properly? | * Water bars
* Vegetative filtration
* Pump containment
* Splash pad/energy dissipater
 | [ ]  Yes [ ]  Action required [ ]  N/A |
| 12 | Is construction following sequencing identified in the Construction SWPPP?  |  | [ ]  Yes [ ]  Action required [ ]  N/A |
| 13B | Have LID BMPs (infiltration and dispersion) been protected from:* Siltation
* Compaction
 |  | [ ]  Yes [ ]  Action required [ ]  N/A |
| 13C | Were precautions taken in the choice of excavation equipment? | * Lightweight, low ground-contact pressure equipment
* Machinery (e.g., backhoe/excavator), but only operated outside of permanent BMP footprint
 | [ ]  Yes [ ]  Action required [ ]  N/A |
| 13D | Have proper soil amendments been provided in planting and turf/lawn areas? | * See Post-Construction Soil Quality and Depth BMP in the Stormwater Management Manual for Western Washington
 | [ ]  Yes [ ]  Action required [ ]  N/A |
| 13E | Has appropriate vegetation and mulch been installed? | * Site is permanently stabilized
 | [ ]  Yes [ ]  Action required [ ]  N/A |

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| **Notes/Comments:** |
| **Summary of Corrective Actions** Are corrective actions needed? [ ]  Yes, see following table [ ]  No, none required |
| **Item#** | **Description and Location** | **Action Required** | **Completion Date** | **Initials** |
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*Attach additional page(s) if needed.*

**Water Quality Observations and Measurements**

Was water quality monitoring part of this inspection? [ ]  Yes, see following table [ ]  No

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| **Parameter** | **Method (select one)** | **Result** | **Calibrated?** | **Comments (muddy, cloudy, oil sheen, color, etc.)** |
| **NTU** | **cm** | **pH** |
| Turbidity1 | [ ]  Tube[ ]  Meter[ ]  Laboratory |  |  |  | [ ]  Yes[ ]  No[ ]  N/A |  |
| pH2 | [ ]  Paper/test strip[ ]  Kit[ ]  Meter |  |  |  | [ ]  Yes[ ]  No[ ]  N/A |  |

1 Compliance for turbidity is normally < 250 NTU (or > 6 centimeters transparency).

2 Compliance for pH is between 6.5 and 8.5.