**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.