

Standard Specifications for Environmental Compliance

The descriptions below summarize the Standard Specifications for Road, Bridge, and Municipal Construction as they relate to environmental. For the complete specification language, go to: <http://www.wsdot.wa.gov/Publications/Manuals/M41-10.htm>

1. **1-05.1 Authority of the Engineer** – The Engineer shall be satisfied that all the Work is being done in accordance with the requirements of the Contract. The Project Engineer represents the Engineer on the project and has full authority to enforce Contract requirements.
2. **1-05.2 Authority of Assistants and Inspectors** – They have the authority to reject defective material and suspend Work performed improperly, subject to the final say of the Project Engineer (or Engineer when appropriate). They are not authorized to accept Work, issue instructions, or to give advice that is contrary to the Contract.
3. **1-05.6 Inspection of Work and Materials** – The Engineer can order the Contractor to remove and replace materials used without inspection. The Contractor shall correct any substandard Work or materials. The Engineer will reject unsuitable Work or materials even though inspected or paid for in a progress estimate.
4. **1-05.7 Removal of Defective and Unauthorized Work** – WSDOT will not pay for unauthorized or defective Work. This includes Work and materials that do not conform to the Contract requirements and Work done beyond the lines and grades set by the Plans or Engineer. At the Engineer's order, the Contractor shall immediately remedy, remove, replace, or dispose of defective Work and bear all cost of doing so.
5. **1-05.13 Superintendents, Labor, and Equipment of Contractor** – The Engineer can, with written statement, remove a superintendent from the project for failing repeatedly to follow the Contract. This also applies to other employees of the Contractor.
6. **1-07.1 Laws to be Observed** – The Contractor must comply with all Federal, State, tribal or local laws. They must immediately report non-compliance to the Engineer.
7. **1-07.5(1) Environmental Regulations** – The Contractor must comply with rules of the resource agencies. This section highlights basic compliance with the Contract in support of environmental compliance.
8. **1-07.5(2) State Department of Fish and Wildlife** – This section lists the minimums the Contractor must follow to protect fish and wildlife.
9. **1-07.5(3) State Department of Ecology** – This section lists the minimums the Contractor must follow to protect water quality, including wetlands.
10. **1-07.5(4) Air Quality** – This section lists the minimums the Contractor must follow to protect air quality associated with specific items of Work in the Contract.
11. **1-07.6 Permits and Licenses** – The Contractor must obtain all necessary permits and licenses; essentially those not obtained by WSDOT.

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12. **1-07.15(1) Spill Prevention, Control and Countermeasures Plan** – The Contractor must prepare and implement a Spill Prevention, Control and Countermeasures Plan to protect the environment.
13. **1-07.16(1) Protection and Restoration of Private/Public Property** – The Contractor must protect property on or in the vicinity of the Work site. If using WSDOT property, the Contractor must vacate immediately if ordered by the Engineer. The Contractor is responsible for repairs.
14. **1-07.16(2) Vegetation Protection and Restoration** – The Contractor must not disturb vegetation that WSDOT displays to be protected. The Contractor must also repair any damage to these areas.
15. **1-07.16(2)A Wetland and Sensitive Area Protection** – The Contractor must protect these areas that WSDOT describes in the Contract. The Contractor must visually identify wetland and sensitive areas by installing high visibility fence, for example.
16. **1-07.16(4) Archaeological and Historic Objects** – This section explains to the Contractor what qualifies as archaeological or historic. The Contractor is instructed what to do if artifacts are discovered while performing the Work. This section also defines how the Engineer will respond to a discovery.
17. **1-07.16(4)A Inadvertent Discovery of Human Skeletal Remains** – The Contractor is instructed to not disturb human remains and then immediately notify the Engineer.
18. **1-08.3(2)D Weekly Look-Ahead Schedule** – On a weekly basis, the Contractor must supply a Look-Ahead Schedule that covers all Work for the following two weeks to the Engineer. This also applies to Work planned for any Subcontractor.
19. **1-08.4 Prosecution of Work** – Identifies the installation of high visibility fence as the first order of work to protect sensitive areas. No other Work (other than traffic control) shall be performed until WSDOT accepts the installation.
20. **1-08.6 Suspension of Work** – The Engineer may suspend any part of the Work if unsuitable weather prevents satisfactory and timely performance of the Work or if the Contractor does not comply with the Contract. For example, the Engineer doesn't have to let the Contractor continue working if precipitation is causing noncompliance with water quality requirements.
21. **2-03.3(7)C Contractor-Provided Disposal Site** – This section establishes the expectations for disposal of excess excavation and other materials.
22. **5-01.3(11) Concrete Slurry and Grinding Residue** – This section explains the Contractor's obligations for collecting and disposing of concrete slurry and grinding residue.
23. **6-09.3(5)C Hydro-Demolishing** – The Contractor must collect, filter, and dispose of all runoff water generated according to this section.
24. **6-19.3(4)F Disposal of Slurry and Slurry Contacted Spoils** – Mentions that the Contractor is required to dispose slurry and slurry-contacted spoils as specified in the shaft installation narrative. Lists disposal requirements for water-based slurry, synthetic slurry, and mineral slurry.

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25. **8-01.3(1) General (Erosion Control and Water Pollution Control)** – Contractor obligations to protect water quality are explained. This section also details how much soil can be exposed for the wet and dry seasons with respect to various parts of the state.
26. **8-01.3(1)A Submittals** – The Contractor is required to provide the Engineer a schedule for implementing the Temporary Erosion and Sediment Control (TESC) Plan and then incorporate it in the Contractor's progress schedule.
27. **8-01.3(1)B Erosion and Sediment Control Lead** – This section lists expectations of the Contractor's lead employee for implementing the TESC Plan.
28. **8-01.3(1)C1 Disposal of Dewatering Water** – This section explains how to handle uncontaminated groundwater from excavations for projects with an NPDES Construction Stormwater General Permit.
29. **8-01.3(1)C2 Process Wastewater** - This section instructs how to handle wastewater generated on-site as a byproduct of a construction process.
30. **8-01.3(1)C3 Shaft Drilling Slurry Wastewater** – This section provides instructions for managing water only slurry, mineral slurry, synthetic slurry, and slurries with polymer additives not approved for infiltration.
31. **8-01.3(1)C4 Management of Off-Site Water** – This section instructs how to handle water that comes on to the project from off-site.
32. **8-01.3(1)D Dispersion/Infiltration** – Describes how the Contractor should infiltrate and disperse water.
33. **8-01.3(1)E Detention/Retention Pond Construction** – The Contractor needs to construct ponds before starting grading and excavation work in the area.
34. **8-01.3(4) Placing Compost Blanket** – This section lists requirements for installing what to look for.
35. **8-01.3(5) Plastic Covering** – This section lists plastic covering requirements for erosion control, containment, and vegetation management.
36. **8-01.3(6) Check Dams** – This section lists check dam requirements for effective erosion control.
37. **8-01.3(7) Stabilized Construction Entrance** – This section explains how to establish construction entrances that prevent track out.
38. **8-01.3(8) Street Cleaning** – This section describes requirements for preventing the transport of sediment and debris all the project site.
39. **8-01.3(9) Sediment Control Barriers** – This section describes required sediment control barriers for clearing, grubbing, earthwork, and drainage activities.
40. **8-01.3(9)A Fencing** – This section describes requirements for the installation of high visibility fencing, silt fence, and high visibility silt fence.

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41. **8-01.3(9)D Inlet Protection** – This section describes the requirements for inlet protection BMPs.

42. **8-01.3(11) Outlet Protection** – This section describes the requirements of outlet protection BMPs.

43. **8-01.3(15) Maintenance** – This section describes the Contractor’s responsibilities for maintaining erosion and sediment control BMPs.