

INSPECTION FEQUENCY

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| 1. ACTIVE PERIOD | DAILY WHEN STORMWATER RUNOFF, INCLUDING RUNOFF FROM SNOWMELT, IS OCCURRING |
| 2. PRIOR TO THE SITE BECOMING INACTIVE OR IN ANTICIPATION OF SITE INACCESSIBILITY | ONCE TO ENSURE THAT EROSION AND SEDIMENT CONTROL MEASURES ARE IN WORKING ORDER. ANY NECESSARY MAINTENANCE AND REPAIR MUST BE MADE PRIOR TO LEAVING THE SITE |
| 3. INACTIVE PERIODS GREATER THAN SEVEN (7) CONSECUTIVE CALENDER DAYS | ONCE EVERY TWO (2) WEEKS |
| 4. PERIODS DURING WITH THE SITE IS INACCESSIBLE DUE TO INCLEMENT WEATHER | IF PRACTICAL, INSPECTIONS MUST OCCUR DAILY AT A RELEVANT AND ACCESSIBLE DISCHARGE POINT OR DOWNSTREAM LOCATION |

STANDARD EROSION & SEDIMENT CONTROL PLAN DRAWING NOTES

1. HOLD A PRE-CONSTRUCTION MEETING OF PROJECT CONSTRUCTION PERSONNEL THAT INCLUDES THE INSPECTOR TO DISCUSS EROSION AND SEDIMENT CONTROL MEASURES AND CONSTRUCTION LIMITS. (SCHEDULE A.5.B.I.(3))
2. THE ESCP MUST BE KEPT ONSITE AND ALL EROSION AND SEDIMENT CONTROL MEASURES SHOWN ON THE PLAN MUST BE INSTALLED IN SUCH A MANNER TO ENSURE THAT SEDIMENT OR SEDIMENT LADEN WATER THAT ENTERS OR IS LIKELY TO ENTER SURFACE WATERS OR CONVEYANCE SYSTEMS LEADING TO SURFACE WATER, ROADWAY, OR OTHER PROPERTIES DOES NOT OCCUR. (SCHEDULE A.3.A.) AND (SCHEDULE B.3.B.)
3. THE IMPLEMENTATION OF THE ESCP AND CONSTRUCTION, MAINTENANCE, REPLACEMENT, AND UPGRADING OF THE EROSION AND SEDIMENT CONTROL MEASURES IS THE RESPONSIBILITY OF THE PERMIT REGISTRANT UNTIL ALL CONSTRUCTION IS COMPLETED AND APPROVED BY THE LOCAL DEVELOPMENT AGENCY AND VEGETATION/LANDSCAPING IS ESTABLISHED. (SCHEDULE A.4.A.) AND (SCHEDULE D.3.)
4. THE PERMIT REGISTRANT MUST BE RESPONSIBLE FOR PROPER INSTALLATION AND MAINTENANCE OF ALL EROSION AND SEDIMENT CONTROL MEASURES, IN ACCORDANCE WITH LOCAL, STATE, OR FEDERAL REGULATIONS. (SCHEDULE A.5.A.) AND (SCHEDULE A. 6.A.)
5. EROSION AND SEDIMENT CONTROL MEASURES INCLUDING PERIMETER SEDIMENT CONTROL MUST BE IN PLACE BEFORE VEGETATION IS DISTURBED AND MUST REMAIN IN PLACE AND BE MAINTAINED, REPAIRED, AND PROMPTLY IMPLEMENTED FOLLOWING PROCEDURES ESTABLISHED FOR THE DURATION OF CONSTRUCTION, INCLUDING PROTECTION FOR ACTIVE STORM DRAIN INLETS AND CATCH BASINS AND APPROPRIATE NON-STORMWATER POLLUTION CONTROLS. (SCHEDULE A.5.B.II.(2)), (SCHEDULE A.5.B.II.(7)), (SCHEDULE A.7.D.I.(2)) & (SCHEDULE A.7.F.)
6. BEGIN LAND CLEARING, EXCAVATION, TRENCHING, CUTTING OR GRADING AND EARTHWORK-SURFACE ROUGHING AFTER INSTALLING APPLICABLE SEDIMENT, EROSION PREVENTION AND RUNOFF CONTROL MEASURES NOT IN THE DIRECT PATH OF WORK. (SCHEDULE A.5.B.II.(5)(A)), (SCHEDULE A.7.C.I.(1)) AND (SCHEDULE A.7.C.II.(1))
7. APPLY TEMPORARY AND/OR PERMANENT SOIL STABILIZATION MEASURES IMMEDIATELY ON ALL DISTURBED AREAS AS GRADING PROGRESSES AND FOR ALL ROADWAYS INCLUDING GRAVEL ROADWAYS. (SCHEDULE A.5.B.II.(5)(B)), (SCHEDULE A.5.B.II.(5)(C)) & SCHEDULE A.5.B.II.(6).)
8. WET WEATHER BMPS: CONSTRUCTION ACTIVITIES MUST AVOID OR MINIMIZE EXCAVATION AND CREATION OF BARE GROUND ON SLOPES GREATER THAN FIVE (5) PERCENT FROM OCTOBER 1 THROUGH MAY 31 EACH YEAR. (SCHEDULE A.7.A.I.)
9. WET WEATHER BMPS: TEMPORARY STABILIZATION OF THE SITE MUST BE INSTALLED AT THE END OF THE SHIFT BEFORE A HOLIDAY OR WEEKEND OR AT THE END OF EACH WORKDAY IF RAINFALL IS FORECAST IN THE NEXT 24 HOURS AND EACH WEEKEND AND HOLIDAY. (SCHEDULE A.7.A.II.)
10. IDENTIFY, MARK, AND PROTECT (BY FENCING OFF OR OTHER MEANS) CRITICAL RIPARIAN AREAS AND VEGETATION INCLUDING IMPORTANT TREES AND ASSOCIATED ROOTING ZONES AND VEGETATION AREAS TO BE PRESERVED. IDENTIFY VEGETATIVE BUFFER ZONES BETWEEN THE SITE AND SENSITIVE AREAS (E.G., WETLANDS), AND OTHER AREAS TO BE PRESERVED, ESPECIALLY IN PERIMETER AREAS. PRESERVE EXISTING VEGETATION AND RE-VEGETATE OPEN AREAS WHEN PRACTICABLE BEFORE AND AFTER GRADING OR CONSTRUCTION. (SCHEDULE A.5.B.I.(1) & (2)) AND (SCHEDULE A.7.C.II.(1))
11. PROVIDE PERMANENT EROSION PREVENTION MEASURES ON ALL EXPOSED AREAS TO PREVENT FROM BECOMING A SOURCE OF EROSION AND REMOVE ALL TEMPORARY CONTROL MEASURES, UNLESS LOCAL ORDINANCES REQUIRE OTHERWISE, AS AREAS ARE STABILIZED. (SCHEDULE A.5.B.II.(8)) AND (SCHEDULE A.7.C.II.(2))
12. ALL TEMPORARY SEDIMENT CONTROLS MUST REMAIN IN PLACE UNTIL PERMANENT VEGETATION OR OTHER PERMANENT COVERING OF EXPOSED SOIL IS ESTABLISHED. IDENTIFY THE TYPE OF VEGETATIVE SEED MIX USED. (SCHEDULE A.7.C.II.(3)) & (SCHEDULE A.7.C.II.(4))
13. SEDIMENT CONTROLS MUST BE INSTALLED AND MAINTAINED ALONG THE SITE PERIMETER ON ALL DOWN GRADIENT SIDES OF THE CONSTRUCTION SITE AND AT ALL ACTIVE AND OPERATIONAL INTERNAL STORM DRAIN INLETS AT ALL TIMES DURING CONSTRUCTION. (SCHEDULE A.7.D.I.(1) - (2))
14. PRIOR TO ANY LAND DISTURBING ACTIVITIES EACH SITE MUST HAVE GRAVELED, PAVED, OR CONSTRUCTED ENTRANCES, EXITS AND PARKING AREAS WITH EXIT TIRE WASH TO REDUCE THE TRACKING OF SEDIMENT ONTO PUBLIC OR PRIVATE ROADS. (SCHEDULE A.7.D.II.(1))
15. WHEN TRUCKING SATURATED SOILS FROM THE SITE, EITHER WATERTIGHT TRUCKS MUST BE USED OR LOADS MUST BE DRAINED ON-SITE UNTIL DRIPPING HAS BEEN REDUCED TO MINIMIZE SPILLAGE ON ROADS. (SCHEDULE A.7.D.III.(3))
16. TEMPORARY STABILIZATION OR COVERING OF SOIL STOCKPILES AND PROTECTION OF STOCKPILE LOCATED AWAY FROM CONSTRUCTION ACTIVITY MUST OCCUR AT THE END OF EACH WORKDAY OR OTHER BMPS, SUCH AS DIVERSION OF UNCONTAMINATED FLOWS AND INSTALLATION OF SEDIMENT FENCES AROUND STOCKPILES, MUST BE IMPLEMENTED TO PREVENT TURBID DISCHARGES TO SURFACE WATERS. (SCHEDULE A.7.E.I.(1)) & (SCHEDULE A.7.E.II.(1) - (3))
17. BMPS WILL BE USED TO PREVENT OR MINIMIZE STORMWATER FROM BEING EXPOSED TO POLLUTANTS FROM SPILLS, NO DISCHARGE OF CONCRETE TRUCK WASH WATER, VEHICLE AND EQUIPMENT CLEANING, VEHICLE AND EQUIPMENT FUELING, MAINTENANCE, AND STORAGE, OTHER CLEANING AND MAINTENANCE ACTIVITIES, AND WASTE HANDLING ACTIVITIES. THESE POLLUTANTS INCLUDE FUEL, HYDRAULIC FLUID, AND OTHER OILS FROM VEHICLES AND MACHINERY, AS WELL AS DEBRIS, LEFTOVER PAINTS, SOLVENTS, AND GLUES FROM CONSTRUCTION OPERATIONS. (SCHEDULE A.7.E.I.(2))
18. ANY USE OF TOXIC OR OTHER HAZARDOUS MATERIALS MUST INCLUDE PROPER STORAGE, APPLICATION, AND DISPOSAL. (SCHEDULE A.7.E.II.(2))
19. SOLID WASTE AND HAZARDOUS MATERIALS MANAGEMENT. FOLLOW PROJECT WRITTEN SPILL PREVENTION AND RESPONSE PROCEDURES, EMPLOYEE TRAINING ON SPILL PREVENTION AND PROPER DISPOSAL PROCEDURES; REGULAR MAINTENANCE SCHEDULE FOR VEHICLES AND MACHINERY; AND MATERIAL DELIVERY AND STORAGE CONTROLS, TRAINING AND SIGNAGE, MATERIAL USE, COVERED STORAGE AREAS FOR WASTE AND SUPPLIES. (SCHEDULE A.7.E.III.(3))
20. THE PERMITTEE MUST PROPERLY MANAGE HAZARDOUS WASTES, USED OILS, CONTAMINATED SOILS, CONCRETE WASTE, SANITARY WASTE, LIQUID WASTE, OR OTHER TOXIC SUBSTANCES DISCOVERED OR GENERATED DURING CONSTRUCTION AND MEET ALL STATE AND FEDERAL REGULATIONS AND APPROVALS. (SCHEDULE A.7.E.III.(4))
21. THE ESCP MEASURES SHOWN ON THIS PLAN ARE MINIMUM REQUIREMENTS FOR ANTICIPATED SITE CONDITIONS. DURING THE CONSTRUCTION PERIOD, THESE MEASURES MUST BE UPGRADED AS NEEDED TO COMPLY WITH ALL APPLICABLE LOCAL, STATE, AND FEDERAL EROSION AND SEDIMENT CONTROL REGULATIONS. CHANGES TO THE ESCP MUST ALSO BE SUBMITTED IN THE FORM OF AN ACTION PLAN TO DEQ OR ITS AGENT FOR APPROVAL. (SCHEDULE A.7.F.)
22. SIGNIFICANT AMOUNTS OF SEDIMENT, WHICH LEAVES THE SITE, MUST BE CLEANED UP WITHIN 24 HOURS AND PLACED BACK ON THE SITE AND STABILIZED OR PROPERLY DISPOSED. THE CAUSE OF THE SEDIMENT RELEASE MUST BE FOUND AND PREVENTED FROM CAUSING A RECURRENCE OF THE DISCHARGE WITHIN THE SAME 24 HOURS. ANY IN-STREAM CLEAN UP OF SEDIMENT SHALL BE PERFORMED ACCORDING TO THE OREGON DIVISION OF STATE LANDS REQUIRED TIME FRAME. (SCHEDULE A.7.F.I.(1))
23. VACUUMING OR DRY SWEEPING MUST BE USED TO CLEAN-UP RELEASED SEDIMENT AND MUST NOT BE INTENTIONALLY WASHED INTO STORM SEWERS, DRAINAGE WAYS, OR WATER BODIES. (SCHEDULE A.7.F.I.(2))
24. THE APPLICATION RATE OF FERTILIZERS USED TO REESTABLISH VEGETATION MUST FOLLOW MANUFACTURER'S RECOMMENDATIONS TO MINIMIZE NUTRIENT RELEASES TO SURFACE WATERS. TIME-RELEASE FERTILIZERS SHOULD BE USED WITH CARE WITHIN ANY WATERWAY RIPARIAN ZONE. (SCHEDULE A.7.F.I.(3))
25. SEDIMENT MUST BE REMOVED FROM BEHIND A SEDIMENT FENCE WHEN IT HAS REACHED A HEIGHT OF 1/3 THE HEIGHT OF THE FENCE ABOVEGROUND AND BEFORE FENCE REMOVAL. (SCHEDULE A.7.F.II.(1))
26. SEDIMENT MUST BE REMOVED FROM BEHIND BIO BAGS AND OTHER BARRIERS IT HAS REACHED A HEIGHT OF TWO (2) INCHES AND BEFORE BMP REMOVAL. (SCHEDULE A.7.F.II.(2))
27. REMOVAL OF TRAPPED SEDIMENT IN A SEDIMENT BASIN OR SEDIMENT TRAP OR CATCH BASINS MUST OCCUR WHEN THE SEDIMENT RETENTION CAPACITY HAS BEEN REDUCED BY FIFTY (50)% AND AT COMPLETION OF PROJECT. (SCHEDULE A.7.F.II.(3) & (4))
28. DEQ MUST APPROVE OF ANY TREATMENT SYSTEM AND OPERATIONAL PLAN THAT MAY BE NECESSARY TO TREAT CONTAMINATED CONSTRUCTION DEWATERING OR SEDIMENT AND TURBIDITY IN STORMWATER RUNOFF. (SCHEDULE A.7.F.III.)
29. SHOULD ALL CONSTRUCTION ACTIVITIES CEASE FOR THIRTY DAYS OR MORE, THE ENTIRE SITE MUST BE TEMPORARILY STABILIZED USING VEGETATION OR A HEAVY MULCH LAYER, TEMPORARY SEEDING, OR OTHER METHOD. (SCHEDULE A.8.A.)
30. SHOULD CONSTRUCTION ACTIVITIES CEASE FOR FIFTEEN (15) DAYS OR MORE ON ANY SIGNIFICANT PORTION OF A CONSTRUCTION SITE TEMPORARY STABILIZATION IS REQUIRED FOR THAT PORTION OF THE SITE WITH STRAW, COMPOST, OR OTHER TACKIFIED COVERING THAT PREVENT SOIL OR WIND EROSION UNTIL WORK RESUMES ON THAT PORTION OF THE SITE. (SCHEDULE A.8.B.)
31. DAILY INSPECTIONS WHEN RAINFALL AND RUNOFF OCCURS OF THE BMPS AND DISCHARGE OUTFALLS MUST BE BY THE PROJECT ESCP INSPECTOR. THESE INSPECTIONS AND OBSERVATIONS MUST BE RECORDED IN A LOG THAT IS AVAILABLE ON SITE. (SCHEDULE A.6.B.I.) & (SCHEDULE B.1.B.(1))
32. BMPS MUST BE INSPECTED BEFORE, DURING, AND AFTER SIGNIFICANT STORM EVENTS. (SCHEDULE A.7.F.)
33. ALL ESCP CONTROLS AND PRACTICES MUST BE INSPECTED VISUALLY ONCE TO ENSURE THAT BMPS ARE IN WORKING ORDER PRIOR TO THE SITE BECOMING INACTIVE OR IN ANTICIPATION OF SITE INACCESSIBILITY AND MUST BE INSPECTED VISUALLY ONCE EVERY TWO (2) WEEKS DURING INACTIVE PERIODS GREATER THAN SEVEN (7) CONSECUTIVE CALENDAR DAYS. (SCHEDULE B.1.B.(2)-(3))
34. IF PRACTICAL, INSPECTIONS MUST OCCUR DAILY AT A RELEVANT AND ACCESSIBLE DISCHARGE POINT OR DOWNSTREAM LOCATION DURING PERIODS WHICH THE SITE IS INACCESSIBLE DUE TO INCLEMENT WEATHER. (SCHEDULE B.1.B.(4))

RE-VEGETATION:

1. THE CONTRACTOR SHALL COORDINATE THE SEEDING OPERATIONS WITH THE GRADING OPERATIONS TO DETERMINE MOBILIZATION FREQUENCY AS EMBANKMENT AND CUT SLOPES ARE FINISHED THROUGHOUT THE DURATION OF THE PROJECT. SEEDING SHALL BE DONE DURING SUITABLE WEATHER AND SOIL CONDITIONS FOR TILLAGE AND PLACEMENT OF MATERIALS. SEEDING OPERATIONS SHALL NOT BE PERFORMED WHEN WIND WOULD PREVENT UNIFORM APPLICATION OF MATERIALS OR WOULD CARRY SEEDING MATERIALS INTO AREAS NOT DESIGNATED TO BE SEEDED.
2. FOLLOWING FINAL GRADING, THE AREAS TO BE RE-VEGETATED SHALL BE PREPARED WITH A RIPPER BAR, CHISEL PLOW OR WITH OTHER MECHANICAL DEVICES WHICH WILL PROVIDE THOROUGH SOIL CULTIVATION. FOR AREAS TOO STEEP TO BE PREPARED FOR SEEDING AFTER THE SLOPE HAS BEEN COMPLETED, TILLAGE SHALL BE ACCOMPLISHED WITH APPROPRIATE EQUIPMENT AS THE SLOPE IS BEING CONSTRUCTED. ON SLOPE AREAS, ALL TILLAGE SHALL BE DIRECTIONAL ALONG THE CONTOURS OF THE AREAS INVOLVED. ALL AREAS WHICH ARE ERODED SHALL BE RESTORED TO THE SPECIFIED CONDITION, GRADE AND SLOPE AS SHOWN ON PLANS PRIOR TO SEEDING.
3. CUT SLOPES FLATTER THAN 3:1 (HORIZONTAL TO VERTICAL) SHALL BE TILLED TO A MINIMUM DEPTH OF 12 INCHES. FILL SLOPES FLATTER THAN 3:1 (HORIZONTAL TO VERTICAL) SHALL BE TILLED TO A MINIMUM DEPTH OF 6 INCHES.
4. DEBRIS/TRASH/ROCKS OF SIGNIFICANT SIZE SHALL BE REMOVED PRIOR TO TILLING AND SEEDING OF SOIL.
5. SOIL TESTING SHALL BE COMPLETED PRIOR TO PERMANENT SEEDING COMMENCING TO DETERMINE IF FERTILIZERS AND/OR SOIL AMENDMENTS ARE NECESSARY FOR RE-VEGETATION GROWTH.
6. APPLY FERTILIZERS AND/OR SOIL AMENDMENTS AS NECESSARY FOLLOWING SOIL TESTING.
7. TEMPORARY AND PERMANENT SEED APPLICATION SHALL BE IMPLEMENTED UTILIZING DRILL SEEDING, HYDROSEEDING OR BROADCASTING.
 - 7.1. DRILL SEEDING WITH STRAW MULCH AND HYDROSEEDING SHALL BE CONSIDERED AS THE PREFERRED METHOD OF SEED APPLICATION.
 - 7.2. SEEDS NOT SUITABLE FOR DRILL SEEDING AND HYDROSEEDING SHALL BE BROADCASTED MANUALLY AFTER THE FINAL SOIL TILLAGE.
 - 7.3. STRAW MULCH OR HYDRAULICALLY APPLIED STRAW MULCH SHALL BE APPLIED ON DRILLED OR HYDROSEEDED AREAS WITH CRIMPING AND TACKING WITHIN 24 HOURS OF SEED APPLICATION.
8. TEMPORARY SOIL STABILIZATION SHALL BE COMPLETED USING THE SEED MIXTURE QUICKGUARD, A STERILE, NON-RESEEDING VEGETATION BY GRANITE SEED. APPLICATION RATES FOR QUICKGUARD CAN BE FOUND IN TABLE 3.
9. PERMANENT SOIL STABILIZATION SHALL USE THE SEED MIXTURE IN TABLE 4 OR APPROVED EQUAL.

| TABLE 3: TEMPORARY SEED APPLICATION RATES FOR QUICKGUARD | |
|--|----------------------------|
| APPLICATION METHOD | APPLICATION RATE (LB/ACRE) |
| DRILL SEEDING | 60 LB/ACRE |
| HYDROSEEDING | 80 LB/ACRE |
| BROADCAST SEEDING | 100 LB/ACRE |

| TABLE 4: PERMANENT SEED APPLICATION RATES | |
|---|----------------------------|
| SEED MIX | APPLICATION RATE (LB/ACRE) |
| INDIAN RICE GRASS | 4 LB/ACRE |
| SQUIRREL TAIL | 2 LB/ACRE |
| SLENDER WHEAT GRASS | 3 LB/ACRE |
| IDAHO FESCUE | 1 LB/ACRE |
| BASIN WILD RYE | 3 LB/ACRE |
| SANDBURG BLUEGRASS | 0.5 LB/ACRE |
| BLUEBUNCH WHEAT GRASS | 3 LB/ACRE |
| QUICKGUARD | 2 LB/ACRE |

BMP MATRIX FOR CONSTRUCTION PHASES

| | Clearing | Mass Grading | Utility Installation | Civil & Turbine Foundation Const. | Turbine Erection | Final Stabilization | Wet Weather (Oct. 1-May 31st) |
|-----------------------------|----------|--------------|----------------------|-----------------------------------|------------------|---------------------|-------------------------------|
| Erosion Prevention | | | | | | | |
| Preserve Natural Vegetation | **X | X | X | X | X | X | X |
| Ground Cover | | | | | | | |
| Hydraulic Applications | | | | | | | |
| Plastic Sheeting | X | X | | | | | |
| Matting | | | | | | | |
| Dust Control | X | X | X | X | X | | X |
| Temporary/Permanent Seeding | X | X | X | X | X | X | X |
| Buffer Zone | | | | | | | |
| Other: EC Blankets | | X | | X | X | X | X |
| Sediment Control | | | | | | | |
| Sediment Fence (Perimeter) | | | | | | | |
| Sediment Fence (Interior) | **X | X | X | X | X | | X |
| Straw Waddles | | X | | X | | | X |
| Filter Berm | | | | | | | |
| Inlet Protection | | | | | | | |
| Dewatering | | | | | X | | |
| Sediment Trap | | | | | | | |
| Other: | | | | | | | |
| Run Off Control | | | | | | | |
| Construction Entrance | X | X | X | X | X | | X |
| Pipe Slope Drain | | | | | | | |
| Outlet Protection | | | | | | | |
| Surface Roughening | X | X | X | X | X | | X |
| Check Dams | X | X | | X | | | X |
| Other: | | | | | | | |
| Pollution Prevention | | | | | | | |
| Proper Signage | X | X | X | X | X | X | X |
| Hazardous Waste Management | X | X | X | X | X | X | X |
| Spill Kit On-Site | X | X | X | X | X | X | X |
| Concrete Washout Area | | | | X | X | | |
| Other: | | | | | | | |

** Signifies BMP will be installed prior to any upslope disturbance