

# EROSION PREVENTION AND SEDIMENT CONTROL PLAN GENERAL NOTES

## 1. CONTRACTOR'S RESPONSIBILITIES FOR EROSION PREVENTION AND SEDIMENT CONTROL

- A. THE CONTRACTOR SHALL PROVIDE A NARRATIVE AND PLAN SHEETS THAT ADDRESSES ALL ITEMS ON THE VTRANS CONTRACTOR'S CHECK LIST FOR EROSION PREVENTION AND SEDIMENT CONTROL
- B. PREVENT OR MINIMIZE SOIL EROSION OF DISTURBED LAND AND PREVENT THE DISCHARGE OF SEDIMENT AND OTHER CONSTRUCTION RELATED POLLUTANTS TO WATERS OF THE STATE.
- C. FURNISH, INSTALL, INSPECT AND MAINTAIN EROSION AND SEDIMENT CONTROL MATERIALS IN CONJUNCTION WITH THE GENERAL CLEARING, GRADING AND EXCAVATION OF THE SITE.
- D. ESTABLISH LIMITS OF SOIL DISTURBANCE; LOCATION(S) OF TOPSOIL STOCKPILES; CONSTRUCTION STAGING AREAS; STORAGE AREAS; REFUELING AND MAINTENANCE AREAS.
- E. ESTABLISH AND MARK BOUNDARIES FOR ANY UNDISTURBED RIPARIAN BUFFER ZONES AND MAINTAIN ALL EXISTING STREAMS AND RIPARIAN BUFFER ZONES IN THEIR NATURAL CONDITION, EXCEPT IN THE AREA OF STREAM WORK.
- F. SEQUENCE CONSTRUCTION ACTIVITIES TO MINIMIZE THE EXTENT OF DISTURBED SOILS LEFT OPEN TO EROSION AT ANY GIVEN TIME AS DETAILED IN THE CONSTRUCTION PHASING AND EROSION AND SEDIMENT CONTROL PLANS.
- G. MAINTAIN AND PRESERVE TO THE EXTENT POSSIBLE THE SITE'S NATURAL DRAINAGE WAYS THAT CONVEY STORMWATER TO STREAMS, RIVERS, LAKES, PONDS AND WETLANDS.
- H. PREVENT OFF-SITE STORMWATER FROM ENTERING AREAS OF DISTURBED SOIL ON-SITE.
- I. PREVENT THE OFF-SITE DISCHARGE OF SEDIMENT MOBILIZED ON THE CONSTRUCTION SITE, INCLUDING OFF-SITE TRACKING OF SEDIMENT ONTO PAVED PUBLIC OR PRIVATE ROADWAYS BY CONSTRUCTION VEHICLES.
- J. DISPOSE OF SEDIMENTS AND OTHER POLLUTANTS WHICH HAVE BEEN COLLECTED AND REMOVED IN THE COURSE OF STORMWATER TREATMENT IN A MANNER THAT WILL NOT RESULT IN THE SEDIMENTS AND POLLUTANTS ENTERING WATERS OF THE STATE. DISPOSAL SITES REQUIRE RELATIVELY LEVEL TERRAIN WITH AN ISOLATION DISTANCE OF AT LEAST 100 FEET FROM ANY SURFACE WATERS, INCLUDING WETLANDS.

## 2. LIMITATIONS AND PROHIBITIONS

- A. ANY PROPOSED SOIL DISTURBANCE AND EARTHWORKS BETWEEN OCTOBER 15 AND MAY 1 WILL REQUIRE DEVELOPMENT OF A SPECIAL WINTER EROSION AND SEDIMENT CONTROL PLAN ADDRESSING THE SPECIFIC CONCERNS OF WINTER CONSTRUCTION.
- B. DISCHARGES OF ANY MATERIAL OTHER THAN STORM WATER, SUCH AS VEHICLE AND EQUIPMENT MAINTENANCE SPILLS, FUELS, WASH WATER, CONSTRUCTION DEBRIS, OIL, WET CONCRETE (INCLUDING WASHOUT WATER FROM CONCRETE BATCH TRUCKS OR EQUIPMENT USED TO MIX CONCRETE), AND OTHER SUBSTANCES, ARE PROHIBITED.
- C. DISPOSAL OF SEDIMENT IN A WETLAND OR ANY CORRECTIVE ACTION UNDERTAKEN TO REMOVE SEDIMENT FROM A WETLAND IS PROHIBITED.
- D. THE FAILURE TO PROMPTLY ABATE THE DISCHARGE OF SEDIMENT OR ANY OTHER WASTE WHICH CAUSES A VISIBLE DISCOLORATION OF SURFACE WATERS (INCLUDING WETLANDS), OR IS FOUND TO BE EXCEEDING WATER QUALITY STANDARDS BASED ON MONITORING, IS PROHIBITED.

## 3. GENERAL CONSTRUCTION NOTES

- A. VEHICLE AND EQUIPMENT STORAGE AREAS OR AREAS ADJACENT TO CONSTRUCTION TRAILER OR OTHER HIGH TRAFFIC AREAS SHALL BE COVERED WITH GEOTEXTILE FABRIC AND 12 INCHES OF GRAVEL. FOLLOWING COMPLETION OF CONSTRUCTION, ALL NON-NATIVE MATERIALS SHALL BE REMOVED FROM THE STAGING AREA. COMPACTED, RUTTED, OR OTHERWISE DISTURBED SOILS SHALL BE TILLED, RAKED, SEEDED AND MULCHED.
- B. ERODIBLE MATERIALS STOCKPILED WITHIN THE MATERIAL STORAGE AREAS SHALL BE ISOLATED WITH FILTER FABRIC. SOIL STOCKPILED ON THE SITE SHALL BE SEEDED AND MULCHED.
- C. ALL EXPOSED AREAS WHICH WILL NOT RECEIVE FURTHER DISTURBANCE FOR A PERIOD OF 7 DAYS OR MORE SHALL BE TEMPORARILY STABILIZED WITH MULCH.
- D. ALL EXPOSED AREAS SHALL BE PERMANENTLY STABILIZED WITH EROSION CONTROL MATTING WITHIN 48 HOURS OF REACHING FINAL GRADE.

## 4. MONITORING EROSION PREVENTION AND SEDIMENT CONTROL PLAN

- A. THE CONTRACTOR SHALL DESIGNATE A PERSON, ON - SITE PLAN COORDINATOR (OPC), WHO IS DIRECTLY RESPONSIBLE FOR THE ON-SITE IMPLEMENTATION OF THE PLAN. THIS PERSON SHALL GENERALLY BE ON - SITE ON A DAILY BASIS DURING ACTIVE CONSTRUCTION AND HAVE THE AUTHORITY TO HALT CONSTRUCTION ACTIVITIES IF NECESSARY. THE QUALIFICATIONS OF THE OPC SHALL BE INCLUDED IN AND ACCEPTED UPON APPROVAL OF THE PLAN. HOWEVER, THE ENGINEER, IF NOT SATISFIED WITH THE PERFORMANCE MAY AT ANY TIME REQUEST A REPLACEMENT.
- B. THE OPC SHALL BE RESPONSIBLE FOR INSPECTIONS AND REPORTING. THE AGENCY'S EROSION PREVENTION AND SEDIMENT CONTROL WEEKLY PLAN REVIEW SHALL BE COMPLETED TO INFORM THE AGENCY OF THE STATUS OF THE PROJECT WITH REGARD TO EROSION PREVENTION AND SEDIMENT CONTROL. THE AGENCY'S STORM EVENT MONITORING REPORT SHALL BE COMPLETED TO PROVIDE INFORMATION REGARDING THE EFFECTIVENESS OF THE PLAN DURING A STORM EVENT. SHEET 1 OF THE REPORT SHALL BE COMPLETED WITHIN 24 HOURS OF A STORM EVENT GREAT ENOUGH TO CAUSE STORMWATER TO LEAVE THE CONSTRUCTION SITE. BOTH SHEETS 1 AND 2 OF THE REPORT SHALL BE COMPLETED IF THERE IS EVIDENCE OF SEDIMENT OR SEDIMENT LADEN WATER LEAVING THE CONSTRUCTION SITE OR ENTERING SURFACE WATERS (INCLUDING WETLANDS). IMMEDIATE ACTION SHALL BE TAKEN TO CORRECT THE DISCHARGE OF SEDIMENT, INCLUDING HALTING OR REDUCING CONSTRUCTION ACTIVITIES AS NECESSARY UNTIL THE DISCHARGE AND/OR THE CONDITION IS FULLY CORRECTED. CORRECTIVE ACTIONS SHALL BE RECORDED ON MONITORING REPORTS AND SHOWN ON THE PLAN. EACH REPORT SHALL BE SIGNED BY THE OPC.
- C. MONITORING OF EROSION PREVENTION AND SEDIMENT CONTROL MEASURES FOR MULTI YEAR PROJECTS AND PROJECTS THAT HAVE NOT BEEN ACCEPTED DUE TO INSUFFICIENT ESTABLISHMENT OF VEGETATION SHALL BE CONDUCTED THROUGHOUT THE WINTER SEASON. THE CONTRACTOR SHALL CONTACT THE ENGINEER PRIOR TO CONDUCTING ANY REVIEWS, AND THE REVIEWS SHALL BE CONDUCTED AT LEAST ONCE EVERY OTHER WEEK, AND AFTER ANY MAJOR STORM EVENT GREATER THAN 1/2 INCH OF RAIN IN A 24 HOUR PERIOD OR A SIGNIFICANT SNOW MELT EVENT. COPIES OF THE INSPECTION REPORTS SHALL BE SUBMITTED TO THE ENGINEER AS COMPLETED TO BE KEPT IN THE PROJECT FILES.

## 5. MAINTENANCE

- A. THE CONTRACTOR SHALL REPAIR ALL EROSION AND SEDIMENT CONTROL STRUCTURES AND MEASURES THAT ARE DETERMINED TO BE FAILING, OR NOT FUNCTIONING AS DESIGNED, WITHIN 24 HOURS OF INSPECTION.
- B. THE CONTRACTOR SHALL REMOVE ACCUMULATED SEDIMENT FROM CONTAINMENT SYSTEMS AND OTHER SEDIMENT CONTROL STRUCTURES AS REQUIRED, SUCH THAT PERFORMANCE OF THESE SYSTEMS IS NOT COMPROMISED OR IN ANY WAY IMPAIRED.
- C. THE CONTRACTOR SHALL REMOVE ALL DEBRIS AND REPAIR ALL DAMAGES CAUSED BY SOIL EROSION OR CONSTRUCTION EQUIPMENT AT OR BEFORE THE END OF EACH WORKING DAY.

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