



Notes

BEST MANAGEMENT PRACTICES

EROSION AND SEDIMENT CONTROLS (BEST MANAGEMENT PRACTICES) SHALL BE PROVIDED DURING CONSTRUCTION OF THIS PROJECT.

EROSION MUST BE MINIMIZED AND SEDIMENTS MUST BE REMOVED FROM CONSTRUCTION SITE RUN-OFF IN ORDER TO PROTECT DOWNSTREAM AREAS. DURING ALL CONSTRUCTION, EROSION AND SEDIMENTATION SHOULD BE CONTROLLED BY THE FOLLOWING TECHNIQUES:

1. LIMIT THE EXTENT OF EXPOSED SOIL AT ANY GIVEN TIME.
2. REVEGETATE EXPOSED AREAS AND SLOPES AS SOON AS POSSIBLE.
3. MINIMIZE AREA TO BE CLEARED AND GRUBBED.
4. PROTECT EXPOSED SLOPES WITH PLASTIC OR SYNTHETIC MULCHES.
5. INSTALL INTER CLOTH BETWEEN FRAME AND COVER ON ALL PROPOSED CATCH BASINS AND CATCH BASIN MANHOLES AND ON ALL EXISTING CATCH BASINS THAT WILL RECEIVE RUN-OFF FROM THE SITE.
6. A SILT FENCE SHALL BE INSTALLED AROUND THE PERIMETER OF ALL AND ANY STOCKPILES OF MATERIAL TO BE USED OR REMOVED FROM SITE. (LOCATION TO BE DETERMINED).
7. A VEHICLE INSPECTION SHALL BE CONDUCTED DAILY ON CONSTRUCTION MEASURES AND CLEANED OF ANY ACCUMULATED SILT AS REQUIRED. THE DEPOSITS WILL BE DROPPED OFF SITE AS PER THE REQUIREMENTS OF THE CONTRACT.
8. SEDIMENT CONTROL BARRIERS MAY ONLY BE REMOVED TEMPORARILY WITH APPROVAL OF CONTRACT ADMINISTRATOR TO ACCOMMODATE CONSTRUCTION OPERATIONS. ALL AFFECTED BARRIERS MUST BE REINSTATED AT NIGHT WHEN CONSTRUCTION IS COMPLETED. NO REMOVAL WILL OCCUR IF THERE IS A STORM. NO REFUGING OR CLEANING OF EQUIPMENT IS PERMITTED NEAR ANY EXISTING WATERWAY.
9. EROSION CONTROL MEASURES SHALL BE REMOVED WHEN, IN THE OPINION OF THE CONTRACT ADMINISTRATOR, THE MEASURES ARE NO LONGER REQUIRED. NO CONTROL MEASURES SHALL BE PERMANENTLY REMOVED WITHOUT PRIOR WRITTEN AUTHORIZATION FROM THE CONTRACT ADMINISTRATOR.
10. THE CONTRACTOR SHALL IMMEDIATELY REPORT TO THE ENGINEER ANY ACCIDENTAL DISCHARGES OF SEDIMENT MATERIAL INTO THE WATERCOURSE. APPROPRIATE RESPONSE MEASURES, INCLUDING ANY REPAIRS TO EXISTING CONTROL MEASURES OR THE IMPLEMENTATION OF ADDITIONAL CONTROL MEASURES, SHALL BE CARRIED OUT BY THE CONTRACTOR WITHOUT DELAY.

SEDIMENT CONTROL MEASURES

1. PROTECT ALL EXPOSED SURFACES AND CONTROL ALL RUNOFF DURING CONSTRUCTION.

2. ALL EROSION CONTROL MEASURES TO BE PLACED BEFORE STARTING CONSTRUCTION AND REMAIN IN PLACE UNTIL RESTORATION IS COMPLETE.

3. MAINTAIN EROSION CONTROL MEASURES DURING CONSTRUCTION.

4. ALL COLLECTED SEDIMENT TO BE DISPOSED OF AT AN APPROVED LOCATION.

5. MINIMIZE AREA DISTURBED DURING CONSTRUCTION.

6. ALL DEWATERING TO BE DISPOSED OF IN AN APPROVED SEDIMENTATION BASIN.

7. PROTECT ALL CATCHBASINS, MANHOLES AND PIPE ENDS FROM SEDIMENT INTRUSION WITH GEOTEXTILE (TERRAFIK 270R OR APPROVED EQUIVALENT) UNLESS OTHERWISE SPECIFIED.

8. KEEP ALL SURFACES CLEAN DURING CONSTRUCTION.

9. PREVENT WIND-BLOWN DUST.

10. STRAW BALES TO BE USED IN LOCALIZED AREAS AS SHOWN AND AS DIRECTED BY THE CONTRACT ADMINISTRATOR DURING CONSTRUCTION.

11. STRAW BALES TO BE TERMINATED BY RUNDOWN BALES TO CONTAIN AND FILTER RUNOFF.

12. CONDUCT TEMPORARY MEASURES TO CONTROL SILT ENTERING THE STORM DRAINAGE SYSTEM TO THE SPECIFICATIONS OUTLINED IN THE GUIDELINES ON EROSION AND SEDIMENT CONTROL FOR URBAN CONSTRUCTION SITES PREPARED BY THE MINISTRY OF NATURAL RESOURCES. THESE MEASURES ARE TO BE USED AS PART OF COMMENCING CONSTRUCTION AND ARE TO REMAIN IN PLACE UNTIL CONSTRUCTION HAS BEEN COMPLETED TO THE SATISFACTION OF THE CONTRACTOR.

13. ALL SILT FENCING AND DETAILS ARE AT THE MINIMUM TO BE CONSTRUCTED IN ACCORDANCE WITH THE MINISTRY OF NATURAL RESOURCES GUIDELINES ON EROSION AND SEDIMENT CONTROL FOR URBAN CONSTRUCTION SITES.

14. ALL OF THE ABOVE NOTES AND ANY SEDIMENT AND EROSION CONTROL MEASURES ARE AT THE MINIMUM TO BE IN ACCORDANCE WITH THE MINISTRY OF NATURAL RESOURCES GUIDELINES ON EROSION AND SEDIMENT CONTROL FOR URBAN CONSTRUCTION SITES.

CONTINGENCY SEDIMENT CONTROL MEASURES

1. INITIAL SEDIMENT AND EROSION CONTROL MEASURES (I.E. HEAVY DUTY SILT FENCE, ROBUST SILT FENCE) TO BE INSTALLED IN LOCATIONS AS SHOWN ON THE EROSION AND SEDIMENT CONTROL DRAWINGS.

2. IF DEMAND NECESSARY BY THE CONTRACT ADMINISTRATOR, INSTALL ENHANCED EROSION AND SEDIMENT CONTROL MEASURES TO DEAL WITH ABNORMAL CONSTRUCTION CONDITIONS.

3. IF DEMAND NECESSARY BY THE CONTRACT ADMINISTRATOR AND IF ADDITIONAL SEDIMENT AND EROSION CONTROL MEASURES ARE REQUIRED, INSTALL AN ADDITIONAL ROW OF HEAVY DUTY SILT FENCE AS SHOWN ON THE DETAILED DRAWINGS.

4. IF THE CONTRACT ADMINISTRATOR REQUIRES FURTHER SEDIMENT AND EROSION CONTROL MEASURES, INSTALL A STRAW BALE FILTER IN FRONT OF THE SECOND ROW OF HEAVY DUTY SILT FENCE.

5. IF THE HEAVY DUTY SILT FENCE IS DESTROYED, THE CONTRACT ADMINISTRATOR WILL PROVIDE A NEW ONE.

6. THE CONTRACT ADMINISTRATOR WILL PERFORM REGULAR INSPECTIONS TO VERIFY:

- THE TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES ARE ROUTINELY MAINTAINED.
- AND THE SURROUNDING CONSTRUCTION DOES NOT NEGATIVELY IMPACT THE ECOLOGICAL HEALTH OF THE RECEIVING WATERCOURSE.

7. THE FOLLOWING REPORTING SYSTEM FOR PROPOSED INSPECTION ACTIVITIES WILL BE PERFORMED BY THE CONTRACT ADMINISTRATOR AND WILL INCLUDE:

- PREPARING INSPECTION REPORTS FOR THE DURATION OF CONSTRUCTION, AND SUBMITTING THEM TO THE CITY OF OTTAWA. THE INSPECTION REPORTS SHOULD DOCUMENT ANY REPAIRS, RAINFALL OR FLOWING THAT HAS OCCURRED SINCE THE LAST REPORT, OR IS ANTICIPATED TO OCCUR PRIOR TO THE NEXT REPORT.
- PRIOR TO REMOVAL OF THE EROSION AND SEDIMENT CONTROL MEASURES, THE CITY OF OTTAWA, THE OWNER, AND THE CONTRACT ADMINISTRATOR SHOULD CONFIRM THAT ALL EROSION AND SEDIMENT CONTROL MEASURES HAVE BEEN REMOVED.

8. ANY FAILURE OF THE PROPOSED TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REPORTED TO THE CITY OF OTTAWA AS SOON AS POSSIBLE, UNDER THE SUPERVISION OF THE CITY OF OTTAWA AND THE CONTRACT ADMINISTRATOR. THE CONTRACTOR WILL BE DIRECTED TO REMOVE ANY SEDIMENT THAT HAS ENCRUSTED BEYOND THE CONSTRUCTION LIMITS.

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