

EROSION AND SEDIMENT CONTROL

- ALL EROSION AND SEDIMENT CONTROLS ARE TO BE CONSTRUCTED ACCORDING TO THE BEST PRACTICE REQUIREMENTS OF "MANAGING URBAN STORMWATER: SOILS AND CONSTRUCTION - BLUE BOOK" LANDCOM 4TH ED MARCH 2004 AND VOLUME 2 - MAIN ROAD CONSTRUCTION
- EXAMPLE EROSION AND SEDIMENT CONTROL MEASURES FOR CONSTRUCTION ARE PROVIDED. THESE ARE PRINCIPLE EXAMPLES FOR REFERENCE AND REQUIRE FURTHER DETAIL FOR CONSTRUCTION ACTIVITIES.
- PROGRESSIVE EROSION AND SEDIMENT CONTROL PLANS (PESCP'S) FOR ALL STAGES OF THE PROJECT ARE TO BE PREPARED AND IMPLEMENTED PRIOR TO COMMENCEMENT OF CONSTRUCTION.
- THE PESCP'S SHOULD DETAIL CONTROLS SUCH AS SEDIMENT FENCES, DIVERSION DRAINS, DRAIN LINES, SAND BAGS AND GRAVEL BAGS.
- REDUCE THE AREA OF SOIL DISTURBANCE BY RETAINING VEGETATION, STAGING WORKS AND BY MINIMISING THE CONSTRUCTION FOOTPRINT.
- PROGRESSIVELY REVEGETATE OR STABILISE DISTURBED AREAS SUCH AS TEMPORARY TOPSOIL STOCKPILES, VERGES AND BATTERS.
- STOCKPILES ARE TO BE STABILISED IF LEFT FOR 2 WEEKS OR MORE.
- PRIOR TO ANY WORKS, INSTALL DIVERSION DRAINS, SEDIMENTATION PONDS AND OTHER SURFACE RUNOFF CONTROL MEASURES TO CONTROL RUNOFF ONTO, ACROSS AND FROM THE SITE; AND TO TRAP SEDIMENT.
- PROVIDE FOR RAINFALL EVENTS BY ENSURING THE FUNCTIONALITY AND CAPACITY OF EROSION AND SEDIMENT CONTROL, PROVIDING ADDITIONAL CONTROLS WHERE REQUIRED, STABILISING BARE GROUND AND TEMPORARY STOCKPILES AND AVOIDING GROUND DISTURBANCE.
- INSPECT AND MAINTAIN ALL EROSION AND SEDIMENT CONTROLS DAILY AND WITHIN 24 HOURS OF RAINFALL EVENTS.
- INTERCEPT OFFSITE SURFACE FLOW AND DIVERT OR ALLOW THROUGH CROSS DRAINAGE PIPES/CULVERTS WITHOUT MIXING WITH CONSTRUCTION RUNOFF.
- IN AREAS OF HIGH VELOCITY RUNOFF, REDUCE FLOW VELOCITIES USING APPROPRIATE MEASURES SUCH AS CHECK DAMS AND DIVERT TO STABLE LOCATIONS OR CONTROLS.
- ENSURE CONSTRUCTION RUNOFF DOES NOT DIRECTLY DISCHARGE FROM SITE. USE SEDIMENT CONTROLS TO FILTER RUNOFF BEFORE DISCHARGING.
- ALL TEMPORARY OPEN DRAINAGE CHANNELS ARE TO BE LINED WITH MATERIAL SUCH AS GEO-FABRIC JUTE MESH OR SOIL STABILISING AGENT.
- CHECK DAMS ARE TO BE INSTALLED AT APPROPRIATE INTERVALS ALONG LINED DRAINAGE CHANNELS TO REDUCE EROSION POTENTIAL OF THE FLOW.
- ENSURE THAT THE SOIL AND WATER MANAGEMENT PLAN DESCRIBES THE MANAGEMENT OF TEMPORARY CONSTRUCTION PONDS, INCLUDING ACCEPTED WATER QUALITY PRACTICES AND STANDARDS SUCH AS FLOCCULATION AND SETTLING, TESTING FOR TSS, TURBIDITY, PH, OIL AND GREASE, DEWATERING AND DOCUMENTATION OF RESULTS.

LEGEND

<p>EXISTING</p>	<p>PROPOSED WORKS</p>
<p>PROPOSED DRAINAGE</p>	<p>EROSION & SEDIMENT CONTROL</p>

150 mm ON ORIGINAL

150
140
130
120
110
100
90
80
70
60
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