

1 GENERAL

1.01 RELATED REQUIREMENTS

- .1 Section 31 23 10 - Excavation, Trenching and Backfilling.
- .2 Section 01 33 00 - Submittal Procedures.
- .3 Section 02 41 16 - Selective Site Demolition.

1.02 DESCRIPTION

- .1 This section consists of the supply, installation, maintenance and removal of sediment control fences.

1.03 MEASUREMENT FOR PAYMENT

- .1 Sediment Control Fence including all maintenance of fencing will not be measured for payment but considered incidental to the project and costs included in the Lump Sum portion of the Work on the Bid and Acceptance Form for the Contract.
- .2 Any equipment, tools necessary or materials required to do a complete, approved installation to be included. Contractor is responsible to make sure the material is placed and protected until it's covered with backfill.

1.04 ACTION AND INFORMATIONAL SUBMITTALS

- .1 Submit in accordance with Section 01 33 00 - Submittal Procedures.
- .2 Product Data:
 - .1 Submit manufacturer's instructions, printed product literature and data sheets for geotextiles and include product characteristics, performance criteria, physical size, finish and limitations.

1.05 DELIVERY, STORAGE AND HANDLING

- .1 Deliver, store and handle materials in accordance with Section 01 61 00 - Common Product Requirements and with manufacturer's written instructions.
- .2 Storage and Handling Requirements:
 - .1 Store materials off ground in dry location and in accordance with manufacturer's recommendations in clean, dry, well-ventilated area.
 - .2 Store and protect geotextiles from direct sunlight and UV rays.
 - .3 Replace defective or damaged materials with new.
- .3 Packaging Waste Management: as specified in Construction Waste Management Plan.

2 PRODUCTS

2.01 MATERIAL

- .1 All materials shall be supplied by the Contractor.
- .2 The fence may be prefabricated or constructed on site from the specified components.
- .3 The fabric shall conform to the requirements of 601.2, Type W1, geotextile.
- .4 Wooden, Metal or Synthetic Post or Stake, minimum 1200mm long.

3 EXECUTION

3.01 EXAMINATION

- .1 Verification of Conditions: verify that conditions of substrate previously installed under other sections or contracts are acceptable for geotextile material installation in accordance with manufacturer's written instructions.
 - .1 Visually inspect substrate in presence of Departmental Representative.
 - .2 Inform Departmental Representative of unacceptable conditions immediately upon discovery.
 - .3 Proceed with installation only after unacceptable conditions have been remedied.

3.02 INSTALLATION

- .1 The Contractor shall carry out the Work as indicated in the Contract Documents and/or as specifically directed by the Departmental Representative.
- .2 The sediment control fence shall be installed as per manufacturer's instructions or as specified by the Departmental Representative.
 - .1 In areas of potential sheet flow runoff, where construction activity cause the drainage run-off to transport sediment(s), the Contractor shall ensure that sediment control fences are properly located for effective runoff control.
 - .2 The Contractor will install sediment control fences, after consultation and agreement with the Departmental Representative.
- .3 The Contractor shall maintain the sediment control fence in a functional condition continuously from the time of installation until the completion of the Contract or removal.
- .4 The Contractor shall inspect all sediment control fences after each rainfall and at least daily during periods of prolonged rainfall.
- .5 The Contractor shall immediately repair any damage to sediment control fences or parts thereof.

**LPH SOIL REMEDIATION
FORMER LANDFILL
AND ASPHALT PLANT
OTTER CREEK
HAPPY VALLEY-GOOSE BAY
NEWFOUNDLAND AND LABRADOR
PROJECT NO. R.082578.001**

- .6 The Contractor shall remove retained sediment prior to it having accumulated to a level approximately but not exceeding on-half the height of the fence, and this sediment shall be disposed of at a location at least 30m away from any watercourse, and in such a manner that the sediment will not be returned to the Work Area or the watercourse; or
- .1 Subject to the Departmental Representative, the Contractor may install a second, back-up sediment control fence.
- .7 The Contractor shall remove all sediment control fence and the time of such removal shall be subject to the Departmental Representative's approval, but in cases shall occur prior to the completion of the Contract.
- .1 Sediment control fence removed shall become the property of the Contractor and shall be disposed of outside of Work site, at a Registered Disposal Site.
- .2 If the Departmental Representative notifies the Contractor in writing, prior to the completion of the Contract, that all or any part of the sediment control fence is to remain in place, the Contractor shall be deemed to have completed his obligations for that portion of the sediment control fence, under this item and the sediment control fence shall become the property of the Owner.
- .8 At the time of removal, the Contractor shall excavate any remaining sediment and dispose of it at a location at least 30m from any watercourse, and in such a manner that the sediment will not be returned to the work area or the watercourse and shall dress and seed the area of the removed fence and sedimentation, to the satisfaction of the Departmental Representative.

3.03 CLEANING

- .1 Progress Cleaning: clean in accordance with Section 01 74 11 - Cleaning and leave Work area clean at end of each day.
- .2 Final Cleaning: upon completion remove surplus materials, rubbish, tools and equipment in accordance with Section 01 74 11 - Cleaning.

END OF SECTION