

ENVIRONMENTAL PROTECTION

1 General

1.1 RELATED WORK

.1 Coordinate the requirements of this section with all other sections, including but not limited to:

.1 Section 02065 Existing Plant Material

.2 Section 02070 Demolition, Removal and Salvage

1.2 QUALITY CONTROL

.1 Notify **Consultant** immediately when items of archaeological value, antiques or relics are discovered.

.1 Suspend Work immediately.

.2 Resume the Work only after salvage is complete and when authorized to proceed.

.2 Recovery and salvage of items of archaeological value, antiques or relics is governed by federal, provincial and municipal statutes.

1.3 ARCHAEOLOGY, ANTIQUES AND RELICS

.1 Items of archaeological value include all artefacts of prehistoric origin, of historic origin, and all human and animal remains.

.1 Relics and antiques may include such items as cornerstones of old buildings, contents of buildings and similar objects found on site or in buildings to be demolished.

.2 All items of suspected value remain the property of the Owner.

1.4 FIRES

.1 Fires and burning of rubbish on site are not permitted.

1.5 DISPOSAL OF WASTES

.1 Do not dispose of waste or volatile materials, such as mineral spirits, grease, oil or paint thinner on site, or into waterways, storm or sanitary sewers.

.2 Do not bury rubbish and waste materials on site.

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1.6 ENVIRONMENTAL PROTECTION PLAN

- .1 Supply a schematic Environmental Protection Plan prior to start of Work, to include proposed Plant Protection measures and Erosion & Sedimentation Control measures.
- .2 Submit a proposed Layout of Construction Activity, on the Environmental Protection Plan, locating construction vehicle access points, temporary roads, construction vehicle parking, soil stockpile locations, and temporary structures.

1.7 DRAINAGE

- .1 Conform to Environmental Protection Plan.
- .2 Provide temporary drainage pumping to keep excavations and site free of water.
- .3 Do not pump water containing deleterious or suspended materials into waterways, sewer or drainage systems.
- .4 Control disposal or runoff of water containing suspended materials or other harmful substances in accordance with Sections 34 – 36 of the **Canadian Fisheries Act** and local area authorities.

1.8 EROSION & SEDIMENTATION CONTROL

- .1 Provide Erosion and Sedimentation Control measures, shown on the Environmental Protection Plan, specific to the site and that conform to **United States Environmental Protection Agency (EPA) Document No. EPA 832/R-92-005** (September, 1992), **Storm Water Management for Construction Activities**, Chapter 3.
- .2 The plan shall meet the following objectives:
 - .1 Prevent loss of soil during construction by storm water runoff and wind erosion, including protecting topsoil by stockpiling for reuse.
 - .2 Prevent sedimentation of storm sewer or receiving streams.
 - .3 Prevent polluting the air with dust and particulate matter.
- .3 Minimize soil exposure with planning and sequencing of grading, stabilization, and construction.

1.9 CONSTRUCTION ACTIVITY

- .1 Avoid unnecessary vehicular traffic and designate temporary vehicular routes to minimize site disturbance and over compaction of soils.
- .2 No parking is allowed on site except for construction machinery. Personal vehicles are not allowed on site.
- .3 Build and maintain temporary roads where necessary to perform the Work

1.10 WORK ADJACENT TO WATERWAYS

- .1 All construction activity to comply with Section 36 of the *Environmental Management and Protection Act, 2002*, Province of Saskatchewan.
- .2 Do not operate construction equipment in waterways.
- .3 Do not use waterway beds for borrow material.
- .4 Do not dump excavated fill, waste material or debris in waterways.
- .5 Design and construct temporary crossings to minimize erosion to waterways.

2 Products (not applicable)

3 Execution (not applicable)

END OF SECTION

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