

Cape Spear Lightstation
Remediation/Risk Management
Cape Spear, NL

2016-08-20

PART 1 - GENERAL

1.1 SCOPE

- .1 This specification section specifies requirements for:
 - .1 Remediation to address metals impacted soil. All soil remediation involves removal, transportation and off site treatment of impacted soil to a Provincially approved facility.
 - .2 Reference: Leachable Toxic Waste, Testing and Disposal, NL Department of Environment, November 2003.
 - .3 The Contractor is to note that the Departmental Representative will stake out the exact areas to be remediated, prior to the Contractor initiating excavation activities. In this regard, the location of the work, as shown on the drawings, is to be considered approximate, however limits can extend beyond and will be determined by the Departmental Representative as work progresses.

1.2 GENERAL
REMEDICATION PROCESS

- .1 All remediation involves excavation of metals impacted soil for off-site removal and disposal. The general process for remediation will consist of the following:
 - .1 No stockpiling on site.
 - .2 Remove soil in the impacted soil zone, as noted on the drawings. The soil is to be transported and disposed of at an approved landfill or soil treatment facility that accepts metals impacted leachable and/or non-leachable material, in accordance with the requirements of regulatory agencies having jurisdiction, and authorization of the Departmental Representative.
 - .3 Backfill and top with topsoil, gravel

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fill or granulars as noted on the drawings and to the approval of the Departmental Representative.

1.3 WATER TIGHT TRUCKS

- .1 All trucks used in the transportation of impacted material to have tail gates with seals in good working order so as to prevent leakage of sludge or liquid material from truck. Contractor must ensure that truck box is water tight and no leakage occurs prior to or during transportation of material. Any vehicles failing to meet these requirements will be rejected. In the event of a spill during transportation, the Contractor shall be responsible for the immediate clean-up and must notify the Departmental Representative and appropriate authorities immediately. All trucks shall be cleaned at the waste disposal facility if not returning for re-loading. Note that no work should proceed in adverse weather conditions (i.e. heavy rain).

1.4 DISPOSAL FACILITY

- .1 After award/acceptance of Bid, the successful Contractor will provide the following:
- .1 A copy of the proposed landfill and/or waste disposal sites approval to operate certificates for the metals impacted soil. All weigh bills/manifests must be provided to the Departmental Representative.