

Part 1 General

1.1 SUMMARY

- .1 This section establishes the general requirements for inspection and testing that is specified to be carried out by the testing laboratory designated by Departmental Representative. The appointment and direction for this inspection and testing is under direct control of the Departmental Representative. Particular requirements for inspection and testing to be carried out by testing laboratory designated by the Departmental Representative are specified under various sections.

1.2 INSPECTION

- .1 Allow Departmental Representative access to work. If part of Work is in preparation at locations other than Place of Work, allow access to such Work whenever it is in progress.
- .2 Give timely notice requesting inspection if Work is designated for special tests, inspections or approvals by Departmental Representative instructions, or law of Place of Work.
- .3 If Contractor covers or permits to be covered Work that has been designated for special tests, inspections or approvals before such is made, uncover such Work, have inspections or tests satisfactorily completed and make good such Work at no additional cost to the Contract.
- .4 Department Representative may order any part of Work to be examined if work is suspected to be not in accordance with Contract Documents. If upon examination such work is found not in accordance with Contract Documents, correct such Work and pay cost of examination and correction.

1.3 APPOINTMENT AND PAYMENT

- .1 The Contractor will appoint and pay for services of laboratory testing including those specified under permits issued by the Province, except for the following:
 - .1 Confirmatory soil testing for polychlorinated biphenyls (PCBs) following removal of impacted soil from the impacted areas indicated on Drawings.
 - .2 Confirmatory swab samples for PCBs on excavated debris material from the impacted areas indicated on Drawings.
 - .3 Confirmatory swab samples for PCBs on Contractor's equipment before demobilization from the site.
 - .4 Testing of any water that has been collected through dewatering activities prior to proper disposal or discharge.

1.4 CONTRACTOR'S RESPONSIBILITY

- .1 Furnish labour and facilities to:
 - .1 Provide access to work to be inspected and tested.

- .2 Facilitate inspections and tests.
- .3 Make good work disturbed by inspection and testing.
- .4 Provide equipment required for executing inspection and testing by approved agencies.
- .2 Pay costs for uncovering and making good work that is covered before required inspection or testing is completed and approved by Departmental Representative.
- .3 Notify the Departmental Representative sufficiently in advance of operations to allow for assignment of laboratory personnel and scheduling of test by the Departmental Representative.
- .4 Where materials are specified to be tested by the Contractor, deliver representative samples in required quantity to testing laboratory. Proper preservation and handling methods will be used when samples are collected and transported to the testing laboratory.

1.5 DEPARTMENTAL REPRESENTATIVE'S RESPONSIBILITIES

- .1 Furnish labour and facilities to:
 - .1 Collect confirmatory soil samples from the base and sidewalls of the remedial excavations.
 - .2 Send soil samples to an accredited laboratory for analysis of PCBs where necessary using standard laboratory procedures.
 - .3 Inspection of equipment prior to demobilization from the site.
 - .4 Collect PCB swab samples from debris encountered in remedial excavations for PCB impacted soil.
 - .5 Send swab samples to an accredited laboratory for analysis of PCBs using standard laboratory procedures.
 - .6 Document the analytical results in a report.

1.6 ACCESS TO WORK

- .1 Allow inspection/testing agencies access to Work, off site manufacturing and fabrication plants.
- .2 Co-operate to provide reasonable facilities for such access.

1.7 PROCEDURES

- .1 Notify appropriate agency and Departmental Representative in advance of requirement for tests, in order that attendance arrangements can be made.
- .2 Submit samples and/or materials required for testing, as specifically requested in specifications. Submit with reasonable promptness and in orderly sequence to not cause delays in Work.
- .3 Provide labour and facilities to obtain and handle samples and materials on site.

1.8 REJECTED WORK

- .1 Remove defective work, whether result of poor workmanship, use of defective products or damage and whether incorporated in Work or not, which has been rejected by Departmental Representative as failing to conform to Contract Documents. Replace or re-execute in accordance with Contract Documents.
- .2 Make good other Contractor's work damaged by such removals or replacements promptly.
- .3 If in opinion of Departmental Representative it is not expedient to correct defective work or work not performed in accordance with Contract Documents, Departmental Representative will deduct from Contract Price difference in value between Work performed and that called for by Contract Documents, amount of which will be determined by Departmental Representative.

1.9 REPORTS

- .1 Departmental Representative to notify the Contractor of the analytical results as soon as they are available and advise the Contractor whether the excavation can be backfilled or whether additional soil removal is necessary. There will be a period of time between the time confirmatory soil samples are collected from the remedial excavation by the Departmental Representative to the time that the analytical results will be available and a decision can be made as to whether to backfill the excavation or continue with additional soil removal. Because of the site location, the usage of a commercial laboratory and commercial couriers or transport services, a period of time, ten (10) business days, can be expected between the time of sampling and the time of receipt of the sample results.
- .2 Analytical laboratory to submit copies of inspection and test reports to Departmental Representative.

1.10 BASIS OF PAYMENT

- .1 No separate or direct payment will be made for work specified in this section. Costs of all work specified is deemed to be included in the lump sum and unit prices quoted in the Schedule of Quantities and Prices.
- .2 Costs associated with the analysis of the confirmatory soil samples will be the responsibility of the Departmental Representative.

Part 2 Products

2.1 NOT USED

- .1 Not Used.

Part 3 Execution

3.1 NOT USED

.1 Not Used.

END OF SECTION