

**ITEM 02203.9108 M - SAMPLING AND WASTE CLASSIFICATION OF METAL
CONTAMINATED SOIL**

Description

This work shall consist of the sampling of metal contaminated soil where prior testing has determined metal concentrations in the soil above protection of groundwater standards as established by the New York State Department of Environmental Conservation (NYSDEC), Technical and Administrative Guidance Memorandum (TAGM) #4046. Sampling shall be done on any pile of contaminated soil excavated and stockpiled as directed by the Engineer.

Materials

None.

Construction Details

Sampling and Waste Classification:

The quality of the sampling program and all data generated shall be the responsibility of the Contractor. The Contractor shall use qualified personnel for sample collection.

The Contractor shall take one composite sample, for every 40 cubic meters of metal contaminated soil excavated and stockpiled.

Stockpiled contaminated soils shall be sampled and analyzed using U.S. EPA Method 6010-7000 performed on the extract from those soils; that extract will be prepared using the Toxicity Characteristic Leaching Procedure (TCLP) methodology, which is U.S. EPA Method 1311. The Contractor will also include corrosivity, and other tests that are requested by the treatment, storage, or disposal facility, and could include the full TCLP testing, or TCLP testing for metals only.

All sample containers shall be marked and identified with legible sample labels which shall indicate the project name, sample location and/or container, the sample number, the date and time of sampling, and other information that may be useful in determining the character of the sample.

All equipment involved in field sampling activities shall be cleaned with deionized water prior to sampling and also following use, and before demobilization from the project area.

Samples shall be sent to a New York State Department of Health approved laboratory.

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Chain-of-Custody shall be tracked from laboratory issuance of sample containers through laboratory receipt of the samples.

The Contractor will submit laboratory results to the Engineer. If test results conclude the stockpiled contaminated soil meets hazardous conditions, the soil is considered a hazardous waste. Hazardous waste removal will be handled under separate contracts. The Contractor may quote on that work at such time. If the soil does not meet hazardous conditions, it will be considered a non-hazardous metal contaminated soil and disposed of in accordance with provisions found elsewhere in the Contract.

Method of Measurement

Sampling of Metal Contaminated Soil shall be measured as the actual number of samples collected and analyzed as directed by the Engineer.

Basis of Payment

The unit price bid for this work includes the cost of furnishing all materials, labor, and equipment to satisfactorily complete the work, including all fees.