

ITEM 10203.0125 M - DISPOSAL OF CONTAMINATED HAZARDOUS WASTE SOIL

DESCRIPTION

Transport, dispose, and complete any other handling required for proper management and disposal of contaminated soil as Resource Conservation and Recovery Act (RCRA) regulated hazardous waste. The wastes covered by this specification are soils that are contaminated with metal(s), organic compounds and/or other contaminants above the regulatory threshold level for classification as hazardous waste by a characteristic of hazardous waste such as toxicity. The soil contamination may include, but is not limited to: lead, chromium, benzene, flammable constituents and/or other contaminants. Hazardous waste contaminated soil covered by this item is as identified on the plans, as identified by the Engineer-in-Charge (EIC) and/or as determined by previous work included in the Contract. Analytical results of previous investigations that New York State Department of Transportation (NYSDOT) has conducted are available to the Contractor.

MATERIALS None Specified

CONSTRUCTION DETAILS

I. Regulatory Compliance - Conduct all tasks associated with these items in accordance with all Federal, State, County, and local regulations including, but are not limited to:

- A. 49 CFR 100 to 180 - DOT Hazardous Materials Transport and Manifest System Requirements.
- B. 6 NYCRR 371 - Identification and Listing of Hazardous Waste
- C. 6 NYCRR 372 - Generator and Manifest Requirements and Transportation of Hazardous Waste
- D. 6 NYCRR 373-1 through 373-3 - Hazardous Waste Facilities Standards and Permitting Requirements
- E. 6 NYCRR 364 - Waste Transporter Permits
- F. 6 NYCRR Part 376 - Land Disposal Restrictions
- G. TAGM 4046 - NYSDEC Division of Hazardous Waste Remediation Technical and Administrative Guidance Memorandum (TAGM) 4046 "Determination of Soil Cleanup Levels"
- H. Other local restrictions on transportation of waste/debris
- I. Posted weight limitations on roads and bridges

II. Advance Preparation: The lead times for submittals included in these Construction Details are for work that is included in the original project contract where the potential for hazardous waste contaminated soil is expected. For work that was not included in an original project contract resulting from unexpected encountering of hazardous waste contamination which does not allow for indicated lead times, the time frames for submittals and notifications will be negotiated at the time of the agreement for this work.

A. Disposal Plan - At least 30 days prior to commencing work in the potentially contaminated areas, prepare and submit a Disposal Plan (the Plan) to the Engineer-in-Charge (EIC) and the Department Regional Landscape Architecture Environmental Services Unit for review and acceptance. The Plan must be accepted by the EIC prior to the commencement of work within the defined areas. The Plan shall include, at a minimum, but is not limited to, the following:

- i. Disposal Facility Information including the method(s) of off-site treatment/disposal that will be used and identification of and information on the proposed permitted treatment/disposal facilities to include: Facility name; address; contact person; signed letter of agreement from the facility of intent to accept the waste as specified in the contract; and a listing of all permits, licenses, letters

ITEM 10203.0125 M - DISPOSAL OF CONTAMINATED HAZARDOUS WASTE SOIL

of approval authorizing the disposal of wastes of this description at the designated facility as they pertain to this Contract;

ii. Identification of and information on the proposed waste transporter to include: Name; address; telephone number; contact person; EPA and NYS Transporter ID number; and any and all necessary permit authorizations for waste to be transported from the site to treatment/storage/disposal facilities; and

iii. Sampling and Laboratory Information for any testing required by the disposal facility and procedures to include: the name, address, ELAP status and telephone number of the proposed laboratory for required analyses. The laboratory must be approved by the New York State Department of Health Environmental Laboratory Approval Program (ELAP) for the intended analyses. Include training and experience of the personnel who will collect samples

B. Health and Safety Considerations - Conduct all activities in accordance with health and safety procedures and requirements as outlined in the Material Handling Plan developed under other items of work in this project.

III. Transportation Off Site

A. Load into and transport contaminated wastes in vehicles with a valid 6 NYCRR Part 364 Waste Transporter Permit (and permits for any other states as applicable). Verify and document that the transporter has a current waste transporter's permit authorizing the transport of the project waste materials to the intended off-site facility. Coordinate all shipments and arrivals at the disposal facility to meet project schedule requirements. Complete any required shipping papers including uniform hazardous waste manifests required by RCRA and the State of New York and the state where the treatment/disposal facility is located, land disposal restriction documentation, placarding, and weighing/load measurements and provide documentation/copies to the Engineer. The NYSDOT will provide a hazardous waste generator identification number for use on the manifest and will sign the manifest as the generator.

B. Cover roll-offs and trucks with waterproof tarpaulins to prevent runoff or evaporation of contaminants and blowing of soil.

C. Perform actions necessary to remedy situations involving material spilled in transit or mud and dust tracked off site associated with this project.

D. Do not combine material from any other source with material from the Project Site.

IV. Disposal/Treatment

A. Dispose of hazardous waste contaminated material by the methods and procedures described in the Plan, as accepted by the EIC. Dispose of all contaminated materials within 30 days of stockpiling or within 30 days of the results of laboratory analysis, whichever is later, unless additional time is approved by the EIC. Do not, however, dispose of any material prior to the receipt and acceptance of laboratory results by the EIC. The cost of any analyses required by the Contractor's intended disposal facility that are not included in other items within this contract are the Contractor's responsibility and should be included in the unit cost for this disposal item. *Note: If the EIC approves additional stockpiling time, the Contractor must also request approval from NYSDEC for any storage greater than 90 days as required by NYS Hazardous Waste Treatment, Storage and Disposal Facility Permitting Requirements, 6 NYCRR Part 373-1.1(d).*

B. Copies of each signed receipt copy of the manifest shall be submitted to the EIC within two (2) business days following shipment and within three (3) business days following return receipt of the

ITEM 10203.0125 M - DISPOSAL OF CONTAMINATED HAZARDOUS WASTE SOIL

completed manifest. Any manifest discrepancies including the need for exception reporting shall be reported immediately to the EIC and be resolved by the Contractor to the satisfaction of the EIC.

METHOD OF MEASUREMENT The quantity shall be measured by the number of metric tons of contaminated soil disposed of in accordance with the methods and procedures described in the Plan. If measurement of the contaminated soil by weight is not feasible, a conversion factor of 1.7 metric tons/cubic meter shall be assumed.

BASIS OF PAYMENT The unit price shall include the cost of furnishing all labor, materials, equipment, transportation, disposal, stockpiling, permits, manifests, shipping papers, documentation, cleanup of spillage and any other incidentals necessary to complete the work.

Payment will be made under:

ITEM NO.	ITEM DESCRIPTION	PAY UNIT
10203.0125M	DISPOSAL OF CONTAMINATED HAZARDOUS WASTE SOIL	METRIC TONS

DISAPPROVED BY E107-034