

SECTION 02226

EXCAVATED MATERIAL HANDLING AND DISPOSAL

PART 1 GENERAL

1.01 SUMMARY

A. Section includes:

1. Reporting and documenting contamination
2. Requirements for personnel
3. Contractor's Environmental Consultant and LSP
4. Field screening
5. Laboratory testing
6. Excavation, screening, handling, transporting, and disposal of contaminated soils and surplus soils.

1.02 RELATED SECTIONS

- A. SECTION 01025 – MEASUREMENT AND PAYMENT
- B. SECTION 01060 – PERMITS AND REGULATORY REQUIREMENTS
- C. SECTION 01065 – PROJECT HEALTH AND SAFETY SPECIFICATIONS
- D. SECTION 01300 – SUBMITTALS
- E. SECTION 02200 – EARTHWORK
- F. SECTION 02240 – CONSTRUCTION DEWATERING AND GROUNDWATER CONTROL

1.03 REFERENCES

- A. Massachusetts Department of Environmental Protection (DEP) Policies and Regulations
 1. DEP Policy WSC-94-400, Interim Remedial Waste Management Policy for Petroleum Contaminated Soils.
 2. DEP Policy COMM-97-001, Reuse and Disposal of Contaminated Soils at Massachusetts Landfills.

3. Massachusetts Department of Environmental Protection, 310 CMR 40.0000, Massachusetts Contingency Plan (MCP).
 - a. Massachusetts Department of Environmental Protection, 310 CMR 40.0018, Health and Safety Procedures.
 - b. Massachusetts Department of Environmental Protection, 310 CMR 40.0460 Utility-related Abatement Measures.
 - c. Massachusetts Department of Environmental Protection, 310 CMR 40.0030 Management Procedures for Remediation Waste.
 4. Massachusetts Department of Environmental Protection, 310 CMR 30.000, Hazardous Waste Regulations.
 5. Massachusetts Department of Environmental Protection – Similar Soils Provision Guidance WSC#-13-500
- B. Environmental Site Testing Data as appended to Specifications Volume 2 Appendix A.

1.04 DEFINITIONS

- A. Contaminated Material/Soil – Soil containing Oil or Hazardous Material (OHM) at concentrations equal to or greater than the Limiting Soil Concentrations found in Table 2 of MassDEP Guidance WSC#-13-500, Similar Soils Provision Guidance, or containing OHM not listed in the Similar Soils Provision Guidance, and including soils that are above the applicable Reportable Concentrations under the MCP 310 CMR 40.0000. Excavated soils that exhibit concentrations of OHM above the MCP Reportable Concentrations shall be defined as Remediation Waste and managed under a URAM. Excavated soil material is classified by the categories listed below.
1. Group I (<RCS-1 Facility) - Naturally deposited or fill soils that may contain oil, waste oil, or one or more hazardous materials at concentrations less than an otherwise applicable Reportable Concentration (RCS-1), and that are not otherwise a RCRA hazardous waste as specified in 310 CMR 30.000. Group I (<RCS-1 Facility) soils include Group IA, Group IB and Group IC soils defined herein.
 2. Group IA – Soils acceptable at a Massachusetts reclamation facility. Meet facility specific requirements for a licensed Massachusetts reclamation facility operating under an Administrative Consent Order (ACO).
 3. Group IB – Soils acceptable at a Massachusetts unlined landfill as cover material, meet Massachusetts unlined landfill reuse criteria and contain Oil or Hazardous Material (OHM) at concentrations equal to or greater than the Limiting Soil

Concentrations found in Table 3 of MassDEP Guidance WSC#-13-500, Similar Soils Provision Guidance.

4. Group IC - Soils acceptable at a Massachusetts lined landfill as cover material, meet Massachusetts lined landfill reuse criteria, and contain Oil or Hazardous Material (OHM) at concentrations equal to or greater than the Limiting Soil Concentrations found in Table 3 of MassDEP Guidance WSC#-13-500, Similar Soils Provision Guidance.
 5. Group II - Soils required to be recycled at an asphalt batch plant which cannot be disposed of as Group IA or IB, and meet asphalt batch facility requirements.
 6. Group III (<RCS-2 Facility) - Soil containing Oil or Hazardous Material (OHM) at concentrations equal to or greater than the Limiting Soil Concentrations found in Table 2 of MassDEP Guidance WSC#-13-500, Similar Soils Provision Guidance but less than the Limiting Soil Concentrations found in Table 3 of that policy
- B. Excavated Materials – consists of materials generated from all excavations.
- C. Disposal – the assignment of responsibility for ownership of Excavated Materials to a party other than the Authority.
- D. Hazardous Material/Waste: A waste/material or combination of waste/materials, that because of its quantity, concentration, physical, chemical or infectious characteristics may cause or significantly contribute to an increase in a serious irreversible or incapacitating reversible illness, or pose a substantial present or potential hazard to human health or the environment when improperly treated, stored, transported, disposed of or otherwise managed. This definition also includes but is not limited to materials regulated under the Toxic Substances Control Act (TSCA, 40 CFR 700-766), M.G.L. Chapter 21E, the Massachusetts Hazardous Waste Regulations (310 CMR 30.00), and the MCP (310 CMR 40.0000) and any additional applicable state or federal regulations. Where applicable, consideration shall be given to Material Safety Data Sheets (MSDS) in determining if a material could be potentially hazardous.
- E. Historic Fill: As specified at 310 CMR 40.0006, historic fill was emplaced prior to January 1983 and may contain construction and demolition debris, reworked or dredged soils, coal and wood ash, or other solid waste. The fill may have been contaminated with metals, petroleum, and/or polycyclic aromatic hydrocarbons (PAHs) prior to its emplacement. This definition does not include soil or fill that contains oil or hazardous materials originating from operations at the location of emplacement. Soil or fill containing chemical production waste, manufacturing waste, or waste material disposed in a municipal solid dump is excluded from this definition.
- F. Immediate Response Action: Immediate Response Action means any response action performed in accordance with 310 CMR 40.0410.

- G. LSP: Licensed Site Professional, a hazardous waste site cleanup professional, as defined in M.G.L. c. 21A, § 19, holding a valid license issued by the Board of Registration of Hazardous Waste Site Cleanup Professionals pursuant to M.G.L. c. 21A, §§ 19 through 19J.
- H. LSP-of-Record: The LSP engaged by the Authority who will perform LSP-of-Record services and regulatory interaction/coordination for the project.
- I. Natural soils: Unconsolidated sand, gravel, silt, clay and organic material that originated at the location at which it was deposited and was not previously disturbed.
- J. Non-RCRA Waste: Any solid waste that is determined not to be hazardous waste and that exist in such quantities or in such chemical or physical state or any combination thereof so that a particular management controls are required to prevent an adverse impact from the collection, transport, transfer storage processing, treatment or disposal of the solid waste.
- K. On-Site – inside the Limit of Disturbance (LOD) boundaries of the Project work sites identified by the Contract. LOD is shown on Contract Drawings.
- L. Off-Site – outside the Limit of Disturbance (LOD) boundaries of the Project work sites identified by the Contract.
- M. Run-off – liquids and suspended solids which drain from Excavated Materials during handling, storage, stockpiling, placement, and Disposal.
- N. Uncontaminated Soil: Soil not containing Oil or Hazardous Material (OHM) at concentrations equal to or greater than the Limiting Soil Concentrations found in Table 2 of MassDEP Guidance WSC#-13-500, Similar Soils Provision Guidance, or not containing OHM not listed in the Similar Soils Provision Guidance
- O. URAM: Utility Related Abatement Measure (310 CMR 40.0460).

1.05 SUBMITTALS

- A. Submit the following in accordance with Section 01300 – Submittals.
- B. Submit documentation of current valid permits, licenses, and certifications of disposal facilities including, but not limited to, the following:
 - 1. Valid off-site transportation and disposal permits and licenses from the waste handler and Treatment, Storage, and Disposal (TSD) Facility.
 - 2. Name, location, telephone number, and all required permits necessary for disposal.

- C. Submit the qualifications for the Contractor's environmental consultant. Qualifications must include experience with field work, sampling and off-site disposal as well as OSHA training.
- D. Excavated Materials Management Plan (EMMP).
 - 1. The Contractor's environmental consultant and LSP shall prepare the EMMP. Plan shall be approved by the Authority prior to mobilization. Plan shall include:
 - a. A list of proposed Off-Site Disposal site locations, end uses, quantities, and parties who will assume ownership of the materials upon Disposal.
 - b. For each proposed Disposal site, furnish a letter of agreement countersigned by both Contractor and Disposal site owner which, at a minimum, contains:
 - 1) Details of proposed excavated soil quantities, Disposal location, and end use of the Excavated Materials.
 - 2) Confirmation of the proposed conveyance of ownership.
 - 3) Disposal facility characterization requirements for each type of material.
 - 4) An acknowledgement by the site owner that the Authority provides the site owner no liability or warranty for the content, composition, or timing of delivery of the materials.
 - c. A list of temporary stockpile locations and quantities.
 - d. Identify prevailing federal, state, and local regulations related to handling, haulage, and Disposal operations and the permits that shall be obtained to comply therewith.
 - e. Means, methods, equipment, labor, materials, and subcontractors, for excavating, characterizing, handling, hauling, and Disposal. Identify On-Site and Off-Site details regarding:
 - 1) Conveyance, processing, loading, haulage routes, placement, and Disposal locations.
 - 2) Calculations of anticipated materials quantities (volumes and weights), and anticipated average and peak rates of production.
 - f. Detailed site plans showing capacities, sizes, and layouts of conveyance and haulage equipment, storage bins, temporary stockpiles, loading areas, and Run-off controls. For Offsite staging areas, the plan shall include the location name, address and any other pertinent information.

- g. If Off-site staging areas are proposed include the location name, address and other pertinent information. Identify any site ownership, stockpiling agreement and any permits which may be required.
- h. Procedures for field screening of Excavated Materials in accordance with Section 03.02 of this Specification.
- i. Administrative systems for managing and tracking quantities of materials hauled, placed, and disposed of. Include provisions for the tracking of Excavated Materials from the “point of excavation” to the location of the stockpile material in the storage/staging area to the final disposition of the stockpiled material including all daily log sheets.
- j. Include current licensure of the Contractor’s Licensed Site Professional (LSP) and proof of relevant experience of the field engineer operating under their oversight and authority.
- k. Provide soil reuse strategy detailing plan to maximize reuse of existing soils within the Project Limits (i.e. timing/sequencing of soil movement, approximate volumes, transportation methods, etc.), subject to the approval of the Authority.
- l. Procedures for the collection of representative soil samples for laboratory chemical analysis to align with disposal facility receiving criteria. Provide a detailed list of the proposed laboratory analytical parameters to fulfill Disposal Characterization Sampling requirements, including sampling frequency, to allow characterization of excavated soil into commonly-used Soil Groups, as defined by comparison to MCP RCS-1 and RCS-2 criteria (e.g., Group IA, Group IB, Group IIA, etc.). Existing environmental sampling data included in Hazardous Materials Management Plan.
- m. Identify wetlands in proximity to handling, placement, and Disposal operations and measures to prevent deleterious impacts caused by Run-off.
- n. Identify working hours for handling and Disposal operations.
- o. Identify dust and noise control measures per Section 01565 – Noise Control and Section 01562 – Dust and Air Quality Control.
- p. Means and methods for decontaminating all equipment and personnel, including provisions for installing equipment decontamination pad within the work zone.
- q. Document shall be amended as necessary.

- E. List of tasks, and statement of qualifications for non-hazardous, contaminated waste materials management including names, addresses, and telephone numbers of responsible individuals (all subject to review by the Authority before initiation of the Work).
- F. Documentation of Transportation and Disposal
 - 1. Contractor submittal of information to the Authority weekly, no later than Tuesday of the following week.
 - 2. Completed transportation and Disposal facility information may include Bills of Lading (BOLs) or Material Shipping Records and Log (MSRLs).
 - 3. Deliver all scale tickets to the LSP-of-Record for review, validation and verification of quantities, before providing to the Authority.
 - 4. Submit all countersigned Bills of Lading, receipts, and scale tickets for each load of non-hazardous contaminated Excavated Material removed from the Project site. Include a summary table of shipping records including: source, material description, any special handling requirements and weight of shipment.
- G. Disposal Characterization Sampling
 - 1. Submit sampling results within 2 days of receiving results with disposition of any results which may require special handling or disposal.
 - 2. Immediately notify the Resident Engineer and Authority of any potential exceedance of the MCP) reportable concentrations.
 - 3. Conduct any field screening necessary for physical and chemical characteristics as dictated by the destination disposal facility. Submit records to the Authority with weekly disposal summary.
- H. Massachusetts Contingency Plan (MCP) Deliverables
 - 1. As necessary during the work, Contractor's LSP shall prepare and submit for review appropriate MCP deliverables. MCP deliverables may include (but are not limited to) a Notification of Release of Oil and/or Hazardous Material submittal, Release Abatement Measure (RAM), Utility-Related Abatement Measure (URAM), Bill of Lading and/or Material Shipping Records and Log (MSR). MCP deliverables shall be submitted to the Authority at least 14 days prior to the intended submittal to the MassDEP. The Authority will make submittal to MassDEP.

1.06 QUALITY ASSURANCE

- A. Adhere to applicable ordinances, codes, statutory rules and regulations of federal, state and local authorities.
- B. The Contractor and/or the Contractor's LSP shall be responsible for the collection and analysis of soil samples from all areas of the site. Sampling frequency and selection of laboratory analytical methods shall be conducted to meet the requirements of the disposal facility. The analytical laboratory shall be accredited under the National Environmental Laboratory Accreditation Program and will provide instruction for sample packing and shipping. The analysis and analytical documentation shall meet the MassDEP Compendium of Analytical Methods (CAM) requirements. The Contractor and/or the Contractor's LSP shall include the result of all soil and groundwater testing in the disposal documentation and/or MCP deliverable.
- C. If at any time during the course of construction, Contractor suspects any excavated material to be contaminated, immediately notify the Contractor's LSP and LSP-of-Record. The Contractor's LSP shall take the appropriate actions to determine whether or not the excavated material is contaminated, either by field examination for possible contamination (e.g., instrument field screening, visible discoloration etc.), perform sampling and testing, and submit the results to the LSP-of-Record for review. The LSP-of-Record will then alert the Authority in a timely manner.
- D. Contractor's LSP who shall be engaged by the Contractor for management, sampling, testing and documentation of contaminated soils and groundwater shall be registered in Massachusetts.
- E. Contractor's Environmental Consultant shall be qualified with field work, sampling, and off-site disposal experience as well as OSHA training.

1.07 EXISTING CONDITIONS

- A. Background Review
 - 1. A background review of MCP sites with Release Tracking Numbers (RTNs) was conducted. Identified RTN Sites along the NDDL alignment are shown on a figure in Appendix A-7.
- B. Site Investigation
 - 1. During previous boring programs soil samples were collected for analytical testing. Additionally, Monitoring Wells B-GSS-411, SB-FD-542, SB-FD-543, B-GSS-412(MW), and B-GSS-465 were sampled for analytical testing. Soil and Groundwater analytical test data is included in Appendix A-8.

PART 2 PRODUCTS**2.01 MATERIALS AND EQUIPMENT**

- A. Design construction approach and equipment layout to minimize excess soil or groundwater generation, spillage, stockpile integrity, noise and control dust in accordance with Section 01562 – Dust and Air Quality Control and Section 01565 – Noise Control.
- B. Stockpile sheeting: Nylon-reinforced polyethylene (NRPE) sheeting 10-mil thickness. The material shall be ultra-violet resistant and cold crack resistant to -40 degrees F. The materials shall be manufactured in a minimum 12-foot seamless width.
- C. Surface equipment shall be equipped with noise suppressors, silencers and mufflers.
- D. Line storage bins, hoppers, and truck beds with materials that deaden sound as necessary to achieve compliance with applicable noise requirements.
- E. Use vehicles that do not impose loads that will damage existing utilities and structures.
- F. Cover haulage vehicle payloads prior to transporting across public rights-of-way.
- G. Mandate PPE consistent with site-specific hazards as dictated in the relevant HASP.

PART 3 EXECUTION**3.01 GENERAL REQUIREMENTS**

- A. Work will involve excavation, screening, handling, as-needed testing, transportation, and disposal of soils.
- B. Comply with the applicable best management practices and guidelines, and prevailing standards, laws and regulations. Obtain required permits before the start of trucking operations.
- C. Haul Excavated Materials to Off-Site Disposal locations, except where they are to be re-used for On-Site placement. Confine the temporary storage of Excavated Materials to locations specified by the Contract or to stockpile locations for which prior written approval has been obtained from the Authority.
- D. Prior to Contract completion, remove Excavated Materials handling and temporary storage facilities, and return areas used for such purposes to their as-found condition or to a condition as specified.

- E. Install and maintain erosion control measures in accordance with Section 02370 – Erosion and Sedimentation Control. Minimize noise and dust impact in accordance with Section 01562 – Dust and Air Quality Control, and Section 01565 – Noise Control.
- F. Water shall be applied to stockpiled material and On-Site haulage roads to control dust.
- G. At the completion of the Work, temporary fill areas accepted by the Authority shall have a neat appearance and shall be graded to drain to accepted drainages to prevent erosion. Remove all waste materials and restore all temporary disposal sites and corridors to the satisfaction of the Authority.
- H. Configure loading areas to minimize the need for vehicles to reverse.
- I. Remove any build-up of Excavated Materials promptly to minimize safety hazards and to prevent interference with excavation drainage.
- J. Contractors environmental consultant shall be on-site full time during excavation activities in areas with known or potential contamination and on-call during remaining excavation activities.
- K. Contractors environmental consultant shall screen soils in areas suspected of contamination, collect soil samples for lab testing, coordinate handling, transport, off-site disposal, perform air monitoring per HASP, and Quality Assurance/Quality Control (QA/QC).
- L. Dust Controls:
 - 1. Water shall be applied to stockpiled material and On-Site haulage roads to control dust.
 - 2. Control dust as described in, and in compliance with, Section 01562 – Dust Control.
 - 3. Disposing of Excavated Material in a 100-year floodplain or floodway zones, as defined by the MassDEP is strictly prohibited.

3.02 REMOVAL, HANDLING, AND DISPOSAL EXCAVATED MATERIAL

- A. Transport and dispose of excavated material in accordance with the EMMP.
- B. On-Site and Off-Site Soil Reuse and Disposal: Excavated material found to be suitable for on-site or off-site reuse or disposal shall conform to the following:
 - 1. Soils shall comply with the geotechnical requirements and shall be suitable for the intended use as described in Section 02200 – Earthwork and subject to the approval of the Authority for on-site reuse.

2. Any soil which exhibits a petroleum odor or has a chemical odor or visual indications of OHM shall be handled as potentially contaminated soils. Soil exhibiting visual or olfactory evidence of OHM shall not be reused on-site without prior confirmation that the OHM concentration shall not pose a significant risk under current or future use scenarios.
3. Excavated material which has been characterized may be reused within the Limits of Disturbance provided the proposed re-use area has been characterized and determined to meet MassDEP anti-degradation requirements. Soil reuse shall also comply with MassDEP Policy #WSC-00-425, "Construction of Buildings in Contaminated Areas".
4. Uncontaminated Soils may be reused without restriction provided that the soil is re-used in an area where the excavated soil concentrations is equal to or less than the site-specific background determined at the reuse location. The Contractor is responsible for determining the background levels in the area of excavation; the Contractor shall identify one or more disposal facilities/locations with background levels appropriate to receive the excavated material. It is the Contractor's responsibility to determine these background levels in advance so as to comply with 310 CMR 40.0032(3)(b) and so as not to delay or adversely affect construction operations.
5. If reused off site, the Contractor shall be responsible for documenting that excavated material that is designated for off-site reuse shall contain OHM concentrations equal to or less than OHM concentrations at the designated reuse location (in accordance with the MCP's "anti-degradation" policy) or in accordance with the facility permitted acceptance limits. The Authority shall have final approval over all proposed reuse locations.
6. Excavated materials that have been sampled and determined to contain OHM in concentrations at or exceeding RCS-1 Reportable Concentrations or regulated background levels (as defined in the Technical Update Background Levels of Polycyclic Aromatic Hydrocarbons and Metals in Soils) whichever applicable, maybe suitable for on-site reuse if a risk assessment determines that these soil do not pose a significant risk to human health and the environment at the proposed location(s) with associated current and anticipated future uses(s) and do not violate MassDEP Similar Soils Provisions Guidance. It is the responsibility of the Contractor and/or the Contractor's LSP to determine if this is appropriate.

C. MCP Notification Requirements

1. Notification to the MassDEP shall be the sole responsibility of the Authority.
2. Be familiar with the MCP definitions of "Two Hours," "72 hours" and "120 days" Reportable Conditions as presented at 310 CMR 40.0300.

3. Immediately notify the Authority of any Two Hours, 72 hours and 120 days reporting condition.
4. MCP notification for petroleum shall be based upon VPH/EPH MassDEP Method 1.0 analysis. Notification shall not be based upon Total Petroleum Hydrocarbon concentrations.
5. Depending upon the nature of the Reportable Conditions, the MCP may require the cessation of work, implementing a Limited Removal Action (prior to notification), developing/implementing an "Immediate Response Action Plan" or a "Release Abatement Measure Plan" (and/or a URAM) prior to continuing work or other actions which could delay certain aspects the site work.
6. The Contractor's environmental consultant shall prepare draft electronic eDEP MCP filings required during the during construction, including but not limited to Release Notification Forms (RNF), Release Abatement Measures (RAM), Utility-related Abatement Measures (URAM), and subsequent associated status reports or any other required MCP filings. All MCP related documents shall be reviewed and approved by the Authority. The Authority's LSP will serve as LSP-of-Record. The Authority's LSP will finalize all filings, including sign, stamp and submit documents to the MassDEP. In the case of contamination caused by the construction Contractor's activities, the Contractor's LSP will serve as the LSP-of-Record.
7. The Contractor's environmental consultant shall prepare all soil management documentation in support of those eDEP filings. The Authority's LSP will be responsible for signing and filing all eDEP filings.
8. Excavated Material contaminated by Contractor's excavation processes, handling procedures, or stockpiling methods are not considered extra costs under this Specification. For excavated material impacted by Contractor's operations, all additional costs incurred for handling, transportation, sampling, laboratory analyses, and disposal shall be the sole responsibility of Contractor.

D. Disposal Facility Classification Categories

Disposal facility Classification Categories are discussed in Paragraph 1.04 of this Section.

E. Waste Profiles and Shipping Documents

1. Provide certified tare and gross weight slips for each load received at the accepted facility and these shall be attached to each returned shipping document.
2. Prepare and submit to the Authority for review all waste profile applications and questionnaires, and coordinate with disposal facilities and all Federal and State Environmental Agencies.

3. Prepare all Hazardous Waste Manifests, Bills of Lading, and Material Shipping Records with all applicable analytical backup, notification, and control forms. Final copies of BOLs and MSRs shall be signed by the Authority as generator and by the Authority's LSP as LSP-of-Record. If necessary, the Contractor will be required to obtain an EPA Generator Identification number from the Authority.
4. Furnish all generator copies of the Hazardous Waste Manifest to the Authority for submittal to the appropriate regulatory agencies and to retain for the Authority's records.

F. Transport of Excavated Material

1. Do not transport materials off-site until all storage, disposal, or recycling facility documentation has been received, reviewed, and approved by the Authority, or its delegated LSP.
2. Transport materials from the site to the storage, disposal, reuse or recycling facility in accordance with all United State Department of Transportation (DOT), USEPA, MassDEP, and applicable state and local regulations.
3. The Hauler(s) shall be licensed in all states affected by transport.
4. Ensure that free liquid is properly transported. "Wet soils" shall not be loaded for transport. Dewater "wet soils" and properly dispose of free liquid in accordance with local, state, and federal regulations. Dispose of any free liquids that may results during transportation at no additional cost to the Authority.
5. All excavated material transported upon public roadways shall be covered to minimize fugitive dust, and where necessary truck tire and undercarriage decontamination shall be employed to minimize tracking of soils onto public roadways.
6. Provide to the Authority with copies of all weight slips; both tare and gross, for every load weighed and disposed of at the approved facility. The slips shall be tracked by the original shipping document number that was assigned by the Authority. The Authority shall make progress payments after receipt of these weight slips.

3.03 QUANTITY OF MATERIAL DISPOSAL

- A. Soils were identified in the field program as summarized in the Environmental Site Testing Data as appended to Specifications Volume 2 Appendix A. The work includes handling, transportation and disposal of the following classes and estimated quantities of excavated material which Contractor shall include in its lump sum price in Line Item 1:

1. Group IA, IB or IC (Reclamation Facility and/or unlined Landfill) – All Remaining Volume
2. Group III (< RCS-2 Landfill) – up to 390 Tons

It is estimated that the groupings of materials exist in the quantities specified above. The Contractor's price shall include disposal of Group I (IA, IB, IC), and Group III material.

- B. The Contractor shall include a unit price for each class of material in the Schedule of Values. If the actual quantity of any class of material varies upward or downward from the assumed quantity, the Contract Price will be adjusted in accordance with the provisions of Article 13 of Section 00700.
- C. Measurement for payment will be based on the actual weight in tons of contaminated soil excavated as measured at the receiving facility and documented on weight slips.
- D. Excavated material from beyond the project limits indicated on the plans shall be disposed of at no additional cost to the Authority.

**** END OF SECTION ****