

**PROJECT SPECIAL PROVISIONS  
GEOENVIRONMENTAL**

**CONTAMINATED SOIL (4/11/2023)**

The Contractor's attention is directed to the fact that soil contaminated with petroleum hydrocarbon compounds and coal combustion by-product exist within the project area. The known areas of contamination are indicated on corresponding plans sheets. Information relating to these contaminated areas, sample locations, and investigation reports will be available at the following web address by navigating to the correct letting year and month then selecting, "Plans and Proposals", "R-3833C", "Individual Sheets/520 GeoEnvironmental":

<http://dotw-xfer01.dot.state.nc.us/dsplan/>

**Petroleum Contaminated Soil**

Petroleum contaminated soil may be encountered during any earthwork activities on the project. The Contractor shall only excavate those soils that the Engineer designates necessary to complete a particular task. The Engineer shall determine if soil is contaminated based on areas shown on the plans, petroleum odors, and unusual soil staining. Contaminated soil not required to be excavated is to remain in place and undisturbed. Undisturbed soil shall remain in place, whether contaminated or not. The Contractor shall transport all petroleum contaminated soil excavated from the project to a facility licensed to accept petroleum contaminated soil.

In the event that a stockpile is needed, the stockpile shall be created within the property boundaries of the source material and in accordance with the Diagram for Temporary Containment and Treatment of Petroleum-Contaminated Soil per North Carolina Department of Environmental Quality's (NCDEQ) Division of Waste Management UST Section GUIDELINES FOR EX SITU PETROLEUM CONTAMINATED SOIL REMEDIATION. If the volume of contaminated material exceeds available space on site, the Contractor shall obtain a permit from the NCDEQ UST Section's Regional Office for off-site temporary storage. The Contractor shall provide copies of disposal manifests completed per the disposal facilities requirements and weigh tickets to the Engineer.

**Coal Combustion By-Product (Coal Ash) Contaminated Material**

Coal ash contaminated material may be encountered during earthwork activities on Parcels 033 040, 043, 046, 073 and 082. The Contractor shall only excavate those materials that the Engineer designates necessary to complete a particular task. Coal ash contaminated material not required to be excavated is to remain in place and undisturbed. Undisturbed soil shall remain in place, whether contaminated or not.

Coal ash contaminated material shall be excavated in such a manner that minimizes material washing downstream. The contractor shall begin excavation at the upstream end of parcels with known coal ash. Coal ash contaminated material removed during construction shall be transported to a waste treatment and disposal facility that is fully approved and permitted by all applicable environmental regulatory agencies to receive, treat and/or dispose of the material. It shall be the Contractor's responsibility to locate such a facility. All material shall be contained appropriately

during transport to the disposal facility. Departmental approval of the specific facility identified for use by the Contractor shall occur prior to removal of any material from the project limits.

The Contractor shall provide the Department with all transportation manifests and certificates of acceptance from the receiving disposal facility weekly. The Department will be the regulatory generator of all waste excavated and removed from within its right of way. The Contractor, with the approval of the Engineer, is authorized to sign all waste transportation and disposal manifests on behalf of the Department.

**Measurement and Payment:**

The quantity of contaminated soil/contaminated material hauled and disposed of shall be the actual number of tons of material, which has been acceptably transported and weighed with certified scales as documented by disposal manifests and weigh tickets. The quantity of petroleum contaminated soil, measured as provided above, shall be paid for at the contract unit price per ton for "Hauling and Disposal of Petroleum Contaminated Soil". The quantity of coal ash contaminated material, measured as provided above, shall be paid for at the contract unit price per ton for "Hauling and Disposal of Coal Ash Contaminated Material."

The above price and payment shall be full compensation for all work covered by this section, including, but not limited to stockpiling, loading, transportation, weighing, laboratory testing, disposal, equipment, decontamination of equipment, labor, and personal protective equipment.

Payment shall be made under:

<b>Pay Item</b>	<b>Pay Unit</b>
Hauling and Disposal of Petroleum Contaminated Soil	Ton
Hauling and Disposal of Coal Ash Contaminated Material	Ton

