

**PROJECT SPECIAL PROVISIONS
GEOENVIRONMENTAL**

CONTAMINATED SOIL (10/15/2019)

The Contractor's attention is directed to the fact that soil contaminated with petroleum hydrocarbons and poly chlorinated biphenyl (PCB) compounds may exist within the project area. The areas of suspected 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", "I-5700", "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 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 contaminated soil excavated from the project to a facility licensed to accept contaminated soil.

In the event that the Contractor chooses to stockpile the soil temporarily, 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 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. Stockpiling petroleum contaminated soil will be incidental to the project. The Contractor shall provide copies of disposal manifests completed per the disposal facilities requirements and weigh tickets to the Engineer.

PCB Contaminated Soil

The Contractor's attention is directed to the fact that low levels of PCBs were detected in sediments within the project area. All excavation along Brier Creek within a 100' buffer, as indicated on the plans, shall be stockpiled on-site and tested for PCBs, as directed in the PCB Soil Management Workplan approved by USEPA and NCDEQ. The work plan requires that the tested stockpiled soil to be managed as noted below based on the following test results:

- results below the regulatory level of 1 mg/kg, the soil shall be left on-site to be used by the Contractor.
- results above regulatory action levels, between 1 mg/kg and 49 mg/kg, the soil shall be properly disposed of at a subtitle D landfill by the Contractor.
- results exceeding 50 mg/kg shall be managed by the GeoEnvironmental Section of the Geotechnical Engineering Unit for hauling and disposal at a TSCA disposal facility.

Measurement and Payment:

The quantity of petroleum contaminated soil hauled and disposed 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 PCB contaminated soil stockpiled, hauled, and disposed shall be the actual number of tons of stockpiled material excavated from the designated area, which has been acceptably transported and weighed with certified scales as documented by disposal manifests and weigh tickets. The quantity of PCB contaminated soil, measured as provided above, shall be paid for at the contract unit price per ton for "Stockpiling, Testing, Hauling and Disposal of PCB Contaminated Soil". In the event that the Contractor is not required to haul and dispose of the tested stockpile, the contractor will be paid by the "Stockpile and Testing Only of PCB Contaminated Soil" pay item in cubic yards.

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:

Pay Item

Hauling and Disposal of Petroleum Contaminated Soil

Stockpiling, Testing, Hauling and Disposal of PCB Contaminated Soil

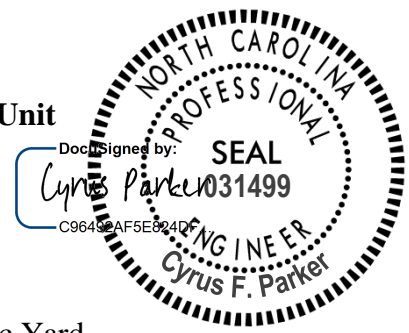
Stockpiling and Testing Only of PCB Contaminated Soil

Pay Unit

Ton

Ton

Cubic Yard



10/15/2019