

CONTAMINATED SOIL AND GROUNDWATER (4-27-2012)

The Contractor's attention is directed to the fact that soil and groundwater contaminated with petroleum hydrocarbon compounds and volatile organic compounds exist within the project area. Soil samples collected from Parcel #20 Theodor Melvin Property (Former Parcel #22), Parcel #146 Charles T Huggins Property (Former Parcel #147), and Parcel #158 Bobby Taylor Oil Company (Former Parcel #168) indicated petroleum contaminated soils are present in the right of way. Groundwater samples collected from Parcel #20 Theodor Melvin Property (Former Parcel #22) indicated petroleum contaminated soils and/or volatile organic compounds may be present in the right of way.

The known areas of contamination are indicated on corresponding plans sheets. Information relating to these contaminated areas, sample locations, and laboratory reports are available at the following web address:

www.ncdot.org/doh/preconstruct/ps/contracts/letting.html

The Contractor shall only excavate those soils which 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 Department will be responsible for the hauling and disposal of contaminated soil. The Contractor will be responsible for notifying the Geotechnical Engineering Unit two weeks prior to excavating in areas of suspected contamination and the Contractor will be responsible for excavating the contaminated soil and loading it into trucks provided by the Department.

As an alternative, the Engineer may choose to have the Contractor load, haul and dispose of contaminated soil with the pay item listed below. With the use of this alternative, the Contractor shall transport all contaminated soil excavated from the project to a NCDENR licensed disposal facility.

If groundwater is encountered and dewatering is required in areas of known contamination then the contractor shall containerize the groundwater in vessels provided by the Department. The Department will be responsible for the sampling and disposal of the water.

Measurement and Payment:

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

The above price and payment shall be full compensation for all work covered by this section, including, but not limited to, excavation, loading, transportation, weighing, laboratory testing, disposal, equipment, decontamination of equipment, labor, and personal protective equipment. Loading DOT supplied trucks will be incidental to the project.

Payment shall be made under:

Pay Item	Pay Unit
Excavation, Hauling, and Disposal of Contaminated Soil	Ton

