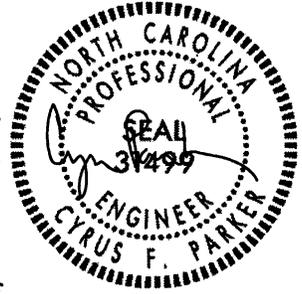


## CONTAMINATED SOIL AND GROUNDWATER

The Contractor's attention is directed to the fact that soil and groundwater containing petroleum hydrocarbon compounds and volatile organic compounds exist within the project area. Soil samples collected from Parcel #009 Alhobishi Convenience Stores, Parcel #012 Nouraldin Saramah, and Parcel #013 Sonny Oliver Realty Company, indicated petroleum contaminated soil and groundwater are present in the right of way. Groundwater samples indicate contamination may have migrated into the right of way and Parcel #011 David J Goode.



The following is a known area of contamination and its approximate station location:

-L- Stations 30+50 to 33+80, 300 Feet Left to 215 Feet Right

Information relating to this contaminated area, sample locations, and laboratory results are available at the following web address:

[www.ncdot.org/doh/preconstruct/ps/contracts/letting.html](http://www.ncdot.org/doh/preconstruct/ps/contracts/letting.html)

Impact to contamination is possible during any earthwork activities on the project. 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 Contractor shall stockpile all excavated contaminated soil within the property boundaries of which it was removed. If the volume of contaminated material exceeds available space on site, the Contractor shall obtain a permit from the NCDENR UST Section for off-site temporary storage. The stockpile shall be constructed in accordance with the "Diagram for Temporary Containment of Petroleum Contaminated Soil" detail located in the plans. The Engineer is to notify the Geotechnical Engineering Unit if petroleum contaminated soil is encountered and the Geotechnical Engineering Unit shall arrange for the sampling and disposal of the contaminated soil.

In the event that dewatering must occur in proximity to the above referenced station numbers the Contractor shall containerize the water on site. The container vessel shall be provided by the Department. The Department will be responsible for testing and disposal of the groundwater.

### **Measurement and Payment:**

The quantity of contaminated soil excavated and stockpiled shall be the actual number of tons of material, which has been acceptably excavated, transported, and weighed with certified scales. Include in the unit bid price for *Excavating and Stockpiling*

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*Contaminated Soil* all costs associated with this activity including excavation, stockpile construction material, and personal protective equipment.

Payment shall be made under:

<b>Pay Item</b>	<b>Pay Unit</b>
Excavation and Stockpiling Contaminated Soil	Ton