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JEB FORT STORY, VA
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LETTER DISCUSSING PETROLEUM CONTAMINATED SOIL AT FORMER 10,000 GALLON
WASTE OIL UNDERGROUND STORAGE TANK (UST) FORT STORY VA
12/21/1994
COMMONWEALTH OF VIRGINIA DEPARTMENT OF ENVIRONMENTAL QUALITY



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COMMONWEALTH of VIRGINIA

DEPARTMENT OF ENVIRONMENTAL QUALITY

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December 21, 1994

Commander
U.S. Army Transportation Center
Directorate of Public Works
Attn: ATZR-EHE, Stephen A. McCall
Chief, Environmental and Natural
Resources Division
Fort Eustis, Virginia 23604-5332

re: Facility/Location: Fort Story, Building 1081, 10,000 Gallon Waste Oil
Underground Storage Tank (UST)
DEQ Tracking Number: PC 90-1092

Dear Sir:

Thank you for providing the Department of Environmental Quality (DEQ) with an Initial Abatement Measures and Site Check (IAM/SC) report for the former 10,000 gallon waste oil UST and the results of tank tightness testing for two 10,000 gallon heating oil USTs located at the above referenced site. The DEQ required no further action at this site in a letter dated August 15, 1994. However, based on the information presented in the IAM/SC report and the observation of stockpiled soil adjacent to the former waste oil UST we are re-opening this case and requesting additional assessments. According to the IAM/SC, petroleum contaminated soil containing very high levels of total petroleum hydrocarbons (up to 62,823 mg/kg) was placed back in the waste oil UST excavation pit. Please provide the following additional site check information to this office by February 27, 1995.

1. Perform five borings (hand auger borings are sufficient) in the backfill of the former waste oil tank location. One boring should be completed in the center of the backfill; the other four should be completed around the inside perimeter of the backfilled area. Collect at least one soil sample (where the heaviest contamination is noted) from each boring and analyze each sample for TPH.
2. Install a temporary monitoring well in the center boring location. Collect a ground water sample for analysis of TPH, BTEX, PCE and PCE breakdown components.

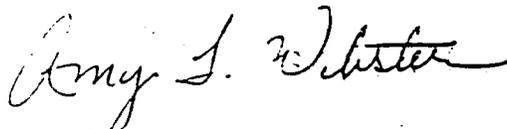
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3. Collect a composite soil sample from the stockpiled soil. The soil sample should be analyzed for TPH and any parameters required by the Solid Waste Management Regulations, Disposal Criteria.

Once we have evaluated the additional site check information, you will be contacted if further assessments or remediation are required. The DEQ will not be requiring further assessments related to the two 10,000 gallon heating oil USTs.

If you have questions regarding this matter, please contact me at (804) 552-1157.

Sincerely,



Amy T. Webster
Geologist Senior
Ground Water Section

cc: DEQ-TRO-OE
file ref. PC 90-1092