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LETTER REGARDING PETROLEUM IMPACTED SOIL REMOVAL FROM BUILDING 2426
NTC ORLANDO FL
12/9/1998
HARDING LAWSON ASSOCIATES

Harding Lawson Associates

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December 9, 1998

Doc No. 02547.045

Commanding Officer
Southern Division
Naval Facility Engineering Command
2155 Eagle Drive
N. Charleston, SC 29406

ATTN: Mr. Nick Ugolini, Code 1843

Subject: **Naval Training Center, Orlando, Florida**
Main Base, Building 2426
Petroleum Impacted Soil Removal
Contract No. N62467-89-D-0317/107

Dear Mr. Ugolini:

On May 29, 1998, a Site Assessment Report (SAR) was submitted to the Florida Department of Environmental Protection (FDEP) for Building 2426. Harding Lawson Associates recommended the excavation of petroleum-impacted soil and removal of free-floating petroleum product in the former tank area. In a letter dated July 7, 1998, the FDEP agreed with HLA recommendations for source removal and requested that a SAR addendum be submitted documenting the source removal and providing sampling results after the excavation of soil and removal of free-product.

Based on information obtained during the site assessment, petroleum-impacted soil is found at a depth of 3 feet below land surface (bls) and extends to the water table. The water table is approximately 4.5 feet bls. Seasonal water table fluctuation should be taken into account when planning the excavation of the petroleum-impacted soil. Given the conditions observed during the site assessment, HLA estimates that an area approximately 10 feet in diameter and 4.5 feet deep will need to be excavated. The estimated volume of petroleum-impacted soil to be excavated is expected to be in the range of 4 to 5 cubic yards. Soil samples should be collected during the excavation to assess the extent of the petroleum-impacted soil and to document the removal of all the impacted soil. It should be noted that Mark Zill, the environmental coordinator for NTC, Orlando, has been recovering free-floating petroleum product from the site and may already have recovered the free-product discovered during the initial site assessment.

Following the excavation of soil and the removal of free-product, HLA will collect groundwater samples and will prepare a SAR addendum with a No Further Action recommendation for the site.

If you have any questions regarding this site, please call the undersigned at (407) 895-8845.

Very Truly Yours,

Harding Lawson Associates



John P. Kaiser
Installation Manager



Manuel Alonso, P.G.
Senior Geologist

cc: Wayne Hansel, Code 18B7, Southern Division
Lt. Gary Whipple, NTC Orlando
Mark Zill, Code 010E, NTC Orlando
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David Grabka, FDEP
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