

DRAFT FIELD REPORT

Building 24-857 *AFID 858*

Underground Fuel Storage Tanks
Elmendorf Air Force Base, Alaska
Contract No. DACA85-94-C-0007

Prepared for:

EA Engineering, Science, and Technology, Inc.
4401 Business Park Boulevard, Suite 26
Anchorage, Alaska 99503

Prepared by:

DOWL Engineers
4040 B Street
Anchorage, Alaska 99503
(907) 562-2000

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W.O. D54906

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6.0 CONCLUSIONS AND RECOMMENDATION

Field screening and visual observations during the UST removal activities did not show an indication of contamination of the soils around the UST. However, analytical results for samples collected from beneath the tank indicated DRPH levels above the ADEC Level cleanup standards in one sample. Further excavation activities were conducted on July 19, 1995 to remove the contamination and confirmation sampling was conducted at the base of the excavation.

Excavation samples collected on July 19, 1995, from the base of the excavation, were collected to confirm that all contaminated soils had been removed from the area. The analytical results for the samples were below the Level B cleanup standard for DRPH at concentrations of 25.0 mg/Kg and 13.9 mg/Kg.

All soils stockpiled during the excavation activities on June 30, 1995 and July 19, 1995 were sampled and then moved to the long-term stockpile area on Elmendorf Air Force Base. Sample results ranged from 10.0 mg/Kg to 108 mg/Kg DRPH. Currently there are no soils stockpiled on-site.

The excavation was backfilled with clean import fill material on June 30, 1995. This material was removed on July 19, 1995 in order to access contaminated soils identified at the bottom of the excavation. After the removal of contaminated soils, the material was placed back in the hole as backfill material on July 19, 1995.

Site Assessment activities were conducted following guidelines outlined in the ADEC Underground Storage Tank regulation, 18 AAC 78. Activities to remove encountered petroleum contaminated soils were conducted and confirmation samples collected and analyzed. Analytical results from confirmation sampling indicate that the limits of the petroleum affected soils have been reached.

Based upon the findings of representative sampling of the UST excavation and dispenser location and the analytical results showing ADEC Level B cleanup standards have been met, DOWL recommends that the owner seek ADEC closure of the site.

7.0 BIBLIOGRAPHY

ADEC (1991) Underground Storage Tanks, 18 AAC 78.

DOWL (1991) Quality Assurance Program Plan, Approved by Alaska Department of Environmental Conservation, June 5, 1991.

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