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NAS FORT WORTH
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TECHNICAL MEMORANDUM FOR PRODUCT REMOVAL AT SITE ST14/SD13 WELLS NAS
FORT WORTH TX
3/19/1997
CH2M HILL



**NAVAL AIR STATION
FORT WORTH JRB
CARSWELL FIELD
TEXAS**

**ADMINISTRATIVE RECORD
COVER SHEET**

AR File Number 574

TECHNICAL MEMORANDUM

CH2MHILL

**Product Removal at Site ST14/SD13 Wells
NAS Fort Worth JRB, Carswell Field, Texas**

PREPARED FOR: Joseph Dunkle/AFCEE COR
PREPARED BY: CH2M HILL
COPIES: Margaret O'Hare/CH2M HILL
Molly Stuart/CH2M HILL
Matt Wilson/CH2M HILL
DATE: March 19, 1997

The first of six monthly free-product removal events took place on February 27, 1997. Three wells (SD13-04, SD13-07 and 17M) observed to contain product during the first quarter 1997 base-wide quarterly groundwater sampling at NAS were included. Product thickness was measured by lowering a 3/4-inch diameter clear teflon bailer into the well to a few inches below the top of liquid. The bailer was retrieved and the thickness of product in the bailer was measured and was recorded in a field log book. A skimming sock was lowered to just below the approximate depth of the bottom of product, and left in place for five minutes to allow the product to be absorbed. The sock then was retrieved from the well and placed in a 55-gallon DOT-approved steel drum provided by the Hazardous Waste Department at NAS Fort Worth. Product thickness in the well was re-checked; if greater than 0.01 inches, a new skimming sock was lowered into the well to absorb any remaining product. If the well still contained greater than 0.01 inches of product after the second skimming sock was removed, the cycle was repeated a third time. The 55-gallon drums were transported by NAS to a staging area specified by the Hazardous Waste Department, who will dispose of the drums containing the skimming socks.

Well SD13-04

An OVM reading of 437 ppm was recorded at the top of the casing. The well contained approximately 1/4" of product, which was observed to be clear with a strong odor. Product was not visible on the outside of the first sock lowered into the well, whereas the second sock showed visible signs of product. After the second sock was retrieved, no visible product was observed to be remaining in the well when it was measured with a clear bailer.

Well SD13-07

An OVM reading of 856 ppm was recorded at the top of the casing. The well contained approximately 1/16" of product, which was observed to be amber in color with a strong odor. Product was observed to cover approximately 50% of the first sock that was inserted into the well. The second sock showed no signs of product. After the second sock was retrieved, no visible product was observed to be remaining in the well when it was measured with a clear bailer.

Well 17M

An OVM reading of 197 ppm was observed at the top of the casing. The well contained approximately 1/4" of product, which was observed to be light amber in color with a strong odor. Two socks were used to remove the product in the well. After the second sock was retrieved, no visible product was observed to be remaining in the well when it was measured with a clear bailer.



DEPARTMENT OF THE AIR FORCE
 HEADQUARTERS AIR FORCE CENTER FOR ENVIRONMENTAL EXCELLENCE
 BROOKS AIR FORCE BASE TEXAS

8 April 1997

MEMORANDUM FOR TNRCC (M. Weegar)

FROM: HQ AFCEE/ERD
 3207 North Road
 Brooks AFB, TX 78235

SUBJECT: Naval Air Station Ft. Worth JRB; TNRCC Solid Waste
 Registration No. 65004
 EPA ID No. TX0571924042
 Hazardous Waste Permit No. 50289
 HQ AFCEE/ERD Letter Dated 3 March 1997

Dear Mr. Weegar,

Item 1 of the subject letter describes AFCEE's efforts to collect free-product from wells in the area of AOC 7 (SD13). Two reports are attached which detail collection of free-product from wells in that area for the months of January and February.

Should you have any questions or wish to discuss this letter, please contact me at (210) 536-5290.

Sincerely,

Joseph R. Dunkle
 Remedial Program Manager
 Environmental Restoration Division

Attachments:

- 1) January Report
- 2) February Report



cc:

Leigh Benson (Parsons-Denver)

Rafael Casanova (EPA Region 6)

Doug Downey (Parsons-Denver)

Olen Long (AFBCA-OL/H)

Margaret O'Hare (CH2M-Hill)

Tim Sewell (TNRCC Region 4 Field Office)

Sam Taffinder (AFCEE/ERT)

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ADMINISTRATIVE RECORD

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