



DEPARTMENT OF THE AIR FORCE
377th Civil Engineer Squadron (AFMC)
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RETURN RECEIPT REQUESTED

John K.

16 Feb 01

MEMORANDUM FOR MS. MARCY LEAVITT, CHIEF
GROUNDWATER QUALITY BUREAU
NEW MEXICO ENVIRONMENT DEPARTMENT
PO BOX 26110
SANTA FE NM 87502



FROM: 377 CES/CEVR
2050 Wyoming Blvd SE,
Building 20685, Suite 125
Kirtland AFB NM 87117-5270

SUBJECT: Stage I Abatement Plan for ST-106, Bulk Fuels Facility, Kirtland AFB

1. We are providing notification to you that we will not be able to complete the investigation and submit the report for the subject abatement plan as scheduled. The report was scheduled to be submitted by 16 Feb 01, 90 days after receiving approval of the subject abatement plan, as stated in the addendum to the plan submitted to you 14 Sep 00.

2. The reasons for the delay are as follows. In Dec 00, we encountered dense clay layers during installation of the eastern and southern soil borings, the first two of the four soil borings to determine the horizontal extent of the contamination. These two soil borings were not completed due to the clay layers. The change in site conditions required a change in the drilling technologies from hollow-stem auger (HSA) to air rotary casing hammer (ARCH). The change required 2 months to locate and finalize a contract with a drilling company with the ARCH capability. The new scope of work included redrilling the first two borings attempted with the HSA, and completion of the western and northern soil borings to determine the horizontal extent of the contamination. During installation of the western and northern soil borings, contamination exceeding the Total Petroleum Hydrocarbon standard for soil of 100 mg/l was discovered which will require additional step-out borings in these two directions to complete the horizontal delineation. Currently, the eastern boring is being redrilled, with the southern boring scheduled to be completed next week. Step-out borings may be required for these two directions also.

3. Because the scope of work to complete the field investigation is unknown at this time, submittal of the report can not be projected. Completion of the redrilling of the eastern and southern borings should provide us with the information necessary to project a scope

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of work to complete the field investigation. We have discussed the delays with Ms. Jennifer Parker and Mr. Jim Mullany of your staff on 18 Jan, 6 Feb and 16 Feb 01. We will continue to advise them of our progress and anticipated schedule for submittal of the abatement plan report.

4. Continued sampling of monitor well KAFB-1061 is scheduled for mid-Mar 01. The well was installed and sampled in Nov 00 as scheduled in the abatement plan. Results of the groundwater sampling have been discussed with Ms. Parker and Mr. Mullany.

5. Please contact Mr. Mark Holmes at 505-846-9005 or me at 505-846-9122, if you have any questions on this matter.



for CHRISTOPHER B. DEWITT, GS-13
Chief, Restoration Branch
Environmental Management Division

cc:

NMED-HWB (Mr. Keiling)
NMED-HWB KAFB (Mr. Moats)
NMED-GWQB (Ms. Parker)
NMED-GWQB (Mr. Mullany)
EPA Region 6 (Ms. Tellez)
HQ AFMC/CEVC (Mr. Fort)
AFCEE (Mr. Arnold)
CH2MHILL (Ms. Minchak)
377 CES/CEVC (Mr. Montano)