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OVERNIGHT DELIVERY

DEPARTMENT OF THE AIR FORCE
377th Civil Engineer Division (AFMC)



MEMORANDUM FOR MR. WILLIAM C. OLSON, CHIEF
GROUNDWATER QUALITY BUREAU (GWQB)
NEW MEXICO ENVIRONMENT DEPARTMENT (NMED)
PO BOX 26
SANTA FE, NM 87502

FROM: 377 MSG/CEANR
2050 Wyoming Blvd SE, Suite 116
Kirtland AFB NM 87117-5270

SUBJECT: NMED requirements for submittal of additional elements of the Modified Stage 2
Abatement Plan report for the Bulk Fuels Facility (ST-106), Kirtland AFB (AFB)

1. On 14 Aug 08, the Natural Resource Management Branch at Kirtland AFB submitted a response to NMED's 29 Jul 08 letter. The response requested an extension of time until 15 Sep 08 to submit a plan to perform a comprehensive facility fuels system utility inventory, integrity evaluation and system tightness testing for the KAFB Bulk Fuels Facility. On 12 Sep 08, we met with Mr. Baird Swanson of your staff to discuss the plan and requested an extension of time to submit the plan based on the meeting. In an email dated 16 Sep 08, Mr. Swanson approved an extension of time until 29 Sep 08 to submit the plan. The plan to complete the required activities is proposed as follows.

2. Tightness testing to evaluate the integrity and tightness of the existing systems are scheduled to be conducted within the next 60 days. The existing systems includes the two pipelines between the pump house and the two above ground storage tanks (AST) (2 and 4 million gallons) that store jet fuel (JP8) and the two associated fillstands, and the lines associated with three ASTs containing Biodiesel (5,000 gallon), Mogas (10,000 gallon) and Diesel (10,000 gallon). The tests will be performed by a contractor to the Department of Defense's (DOD) Defense Energy Service Center's (DESC) Centralized Leak Detection Program Testing program, which conducts EPA protocol-third party certified testing for DOD fuels facilities. Information concerning the tightness testing technologies and the companies that perform the testing has been forwarded to Mr. Swanson. Additionally, prior to the testing, we have invited Mr. Swanson to attend a meeting with the DESC contractors that will be performing the testing.

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3. The comprehensive facility fuels system utility inventory will include the abandoned portion of the system associated with the abandoned offloading rack, the operating system that stores JP8 in two ASTs, and the operating system that stores Mogas Biodiesel and Diesel in three ASTs (both operating systems are described in Paragraph 2.) A surface-based geophysical survey will be conducted of the subsurface portions of the three systems to determine the connectivity of each system. The detailed plan is attached.
4. We will notify NMED of the exact schedule of both phases of the proposed project prior to conducting the field work.
5. Please contact Mark Holmes, at 505 846-9005 if you have any questions or comments on this matter.



LUDIE W. BITNER, YF-02
Chief, Restoration Section

Attachment:

Plan for comprehensive facility fuels system utility inventory

cc:

VA Hospital, Mr. Reichter, w Atch
ABCWUA, Ms. Gastian, w Atch
COA AEHD, Mr. Gallegos, w Atch
NMED GWQB, Mr. Swanson, w Atch
NMED HWB, Mr. Kieling, wo Atch
377 AMDS/SGPB, Ms Martinez, wo Atch
NMED HWB, Mr. McDonald, wo Atch
USEPA-Region 6 (6PD-N), Ms. King, wo Atch
AFCEE/CMSE, Mr. White, wo Atch
AFCEE/ICE, Mr. Urrutia, wo Atch
AFCEE/ICE, Ms. Doll, wo Atch
CH2M, Ms. Minchak, wo Atch
Admin. Record, CNM, Montoya Campusw Atch
AR/IR, w Atch
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