

ASWA KAFB GIMIT



DEPARTMENT OF THE AIR FORCE  
HEADQUARTERS 377TH AIR BASE WING (AFMC)



MEMORANDUM FOR MR. JAMES BEARZI, CHIEF  
HAZARDOUS & RADIOACTIVE MATERIALS BUREAU  
NEW MEXICO ENVIRONMENT DEPARTMENT  
PO BOX 26110  
SANTA FE, NM 87502

FROM: 377 ABW/EMR  
2050 Wyoming Blvd SE, Suite 123  
Kirtland AFB NM 87117-5270

SUBJECT: Newly Identified Solid Waste Management Units (SWMUs) and Areas of Concern (AOCs)

1. As required in Section F to Module IV of our RCRA Part B Permit, we are reporting recently discovered areas that may have released hazardous substances into the environment:

a. ARES Test Facility

(1) Environmental Management was recently notified of oil stained soils at Building 20754 of the ARES Test Facility. This building houses the facility's pulsar unit, which is used to study the effects of electromagnetic pulses (EMP) on various systems, devices, and instruments. The system utilizes dielectric oil as an insulation medium in this high voltage heat generating environment. The dielectric is contained in a 1500 gallon vessel inside the building and a 4800 gallon vessel located outside the building with the two totally enclosed vessels connected by a diaphragm.

(2) Kirtland AFB proposes to designate this site as an Environmental Compliance Program Area of Concern, AOC SS-102, ARES Test Facility. We will submit an enhanced SWMU Assessment Report (SAR) on this site by 30 June 2000.

b. Building 29015 Cesspool

(1) A cesspool located west of Building 29015 near the intersection of Lovelace Road and Mortar Range Road. Building 29015 was constructed as a hangar and served as a support facility for a dirt airfield located directly north. The dirt airfield was active in the 1940s and, upon cessation of airfield activities, the hangar was used by the Aero Club for a few years but now serves as a warehouse.

KAFB2054



(2) Kirtland AFB proposes to designate this site as an Environmental Compliance Program Area of Concern, AOC ST-347, Building 29015 Cesspool. We will submit an enhanced SWMU Assessment Report (SAR) on this site by 30 June 2000.

c. 600 Area Septic Tanks

(1) A 5400 gallon septic tank system located east of Building 610 outside the fenced area. There appear to be two leach fields associated with this system. KAFB proposes to designate this septic tank system as ST-348, Building 610 Septic Tank.

(2) A 750 gallon septic tank system located approximately 150 ft north of Building 626 and east of Pad 1. This septic system is believed to have been installed in 1974. KAFB proposes to designate this septic tank system as ST-349, Building 626 Septic Tank.

(3) A possible septic tank system located south of a field office (mobile home) situated west of Building 619. The leach field is located adjacent to the office and is enclosed with a barbed wire fence. KAFB proposes to designate this septic tank system as ST-350, Field Office Septic Tank.

(4) A possible 1200 gallon septic tank associated with now demolished Building 635 located southwest of Pad 1. This tank is depicted on an old base map with no other information available. KAFB proposes to designate this septic tank system as ST-351, Building 635 Septic Tank.

(5) A possible septic system located adjacent to Building 614 on the north side. The only indication of a possible septic system is a set of posts driven into the ground in a corner area near Buildings 613 and 614. This is a technique employed at various locations throughout the base as a means of protecting a septic tank installed below the ground surface. KAFB proposes to designate this possible septic tank system as ST-352, Building 613/614 Septic Tank.

(6) The above five 600 Area septic tank sites will be included in SWMU 10-21 and we will submit an enhanced SWMU Assessment Report (SAR) by 30 June 2000.

d. Riding Stables Area Septic Tanks

(1) A 500 gallon septic tank installed at an unknown date is associated with Building 48057. The building has a drain inside it and there are drain ports located along the edge of a concrete slab that extends beyond the building. The drain and drain ports are connected to a septic tank located off the northeast corner of the slab. The facility was reportedly used for wash down operations of horses, etc. KAFB proposes to designate this septic tank system as ST-353, Building 48057 Septic Tank

(2) A septic tank associated with a concrete slab located about 100-ft southeast of Building 48057. Size and installation date are unknown. The facility was reportedly used for sheep grooming, shearing, and wash down activities. The septic tank is

located off the southwest corner of the concrete slab. A wooden shed now is situated on the concrete slab and the drain ports appear to have been sealed. This facility has never been given a numerical designation. KAFB proposes to designate this septic tank system as ST-354, Sheep Grooming Septic Tank.

(3) A 1400 gallon septic tank connected to a mobile home, which serves as the residence of the riding stables manager and his wife. The septic tank is located adjacent to Building 48062 and it is unknown if this building or any others have been connected into the septic tank system anytime in the past. KAFB proposes to designate this septic tank system as ST-355, Building 48062 Septic Tank.

(4) The three septic tank systems are considered Environmental Compliance Program Areas of Concern. We will submit an enhanced SWMU Assessment Report (SAR) for these three Riding Stables septic tank systems by 30 June 2000.

e. Skeet Range Septic Tank

(1) The skeet range manager advised Environmental Management that there is a septic tank located on the southeast side of Building 20719, which is the skeet range club facility. There are no surface indications to help identify the specific location of this septic system and leach field. KAFB proposes to designate this septic tank system as an Environmental Compliance Program Area of Concern, AOC ST-356, Skeet Range Septic Tank.

(2) We will submit an enhanced SWMU Assessment Report (SAR) for the Skeet Range septic tank system by 30 June 2000.

2. Please contact me at 846-9004 if you have any questions on this matter.



JERROLL G. SILLERUD  
Acting Chief, Restoration Branch  
Environmental Management Division

cc:

NMED-HRMB KAFB (Mr. W. Moats)  
NMED-GWPB (Ms. Jacobs)  
EPA Region 6 (Ms. Morlock) (2 copies)  
HQ AFMC/CEVC (Mr. Fort)  
377 ABW/JA  
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377 ABW/EMC/EMP