



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

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19 November 1999

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 Area of Concern (AOC)



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

KAFB Fuels Management Facility Offloading Rack

(1) This facility is a transfer point for JP-8 fuel, which is currently delivered by tanker truck, offloaded via a buried 14-inch steel line and Building 1033 pump house to storage tanks, or directly to nearby fill stations. The offloading facility handled the delivery of an estimated 21.5 million gallons of fuel in 1998 and has been in continuous operation since the 1950s. SWMU ST-341, Condensate Holding Tank and Evaporation Pond (ST-341) is located nearby and is also in the Fuels Management Facility. In conjunction with this SWMU, Monitor Well No. 3411 was recently drilled and is now in the final stages of installation. The nearest water supply well is KAFB Production Well No. 15 located approximately 1830-ft northwest (cross-gradient to down-gradient).

(2) Environmental Management was recently contacted by personnel of the KAFB Fuels Management Facility after they observed stained soils at the facilities' offloading rack. EM staff went to the site and instructed site staff to dig down to determine if the staining indicated more than just a surface spill event. The ground was found to be saturated with fuel. EM staff recommended the buried 14-inch transfer line be pressure tested between the offloading rack and the pump house (Building 1033). A line integrity test was conducted and the line and a valve failed resulting in a 200-400 gallon spill. Subsequently, an adjacent parallel line, also 14-inch, was tested and it also failed. KAFB began spill clean-up efforts and integrity checks of remaining buried lines at the facility. However, soil excavation from the

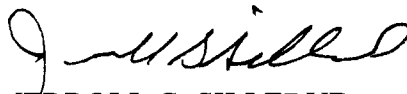
KAFB2083



offloading rack area and the buried 14-inch lines indicate the soil is saturated and fuel leakage has likely been occurring for an extended period of time. Based on this preliminary assessment, that a leak over time has occurred rather than a spill, KAFB made notification to the NMED Groundwater Bureau (Ms. Jennifer Parker) in accordance with Section 1203 of the NM WQCC regulations. Further, KAFB believes this site warrants a complete investigation to fully assess environmental concerns.

(3) Kirtland AFB proposes to incorporate this site in the Environmental Compliance Program (ECP) and designate it as ECP Area of Concern, AOC ST-106, KAFB Fuels Management Facility Offloading Rack. We will conduct horizontal and vertical delineation and provide you with an enhanced SWMU Assessment Report by 31 December 2000.

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

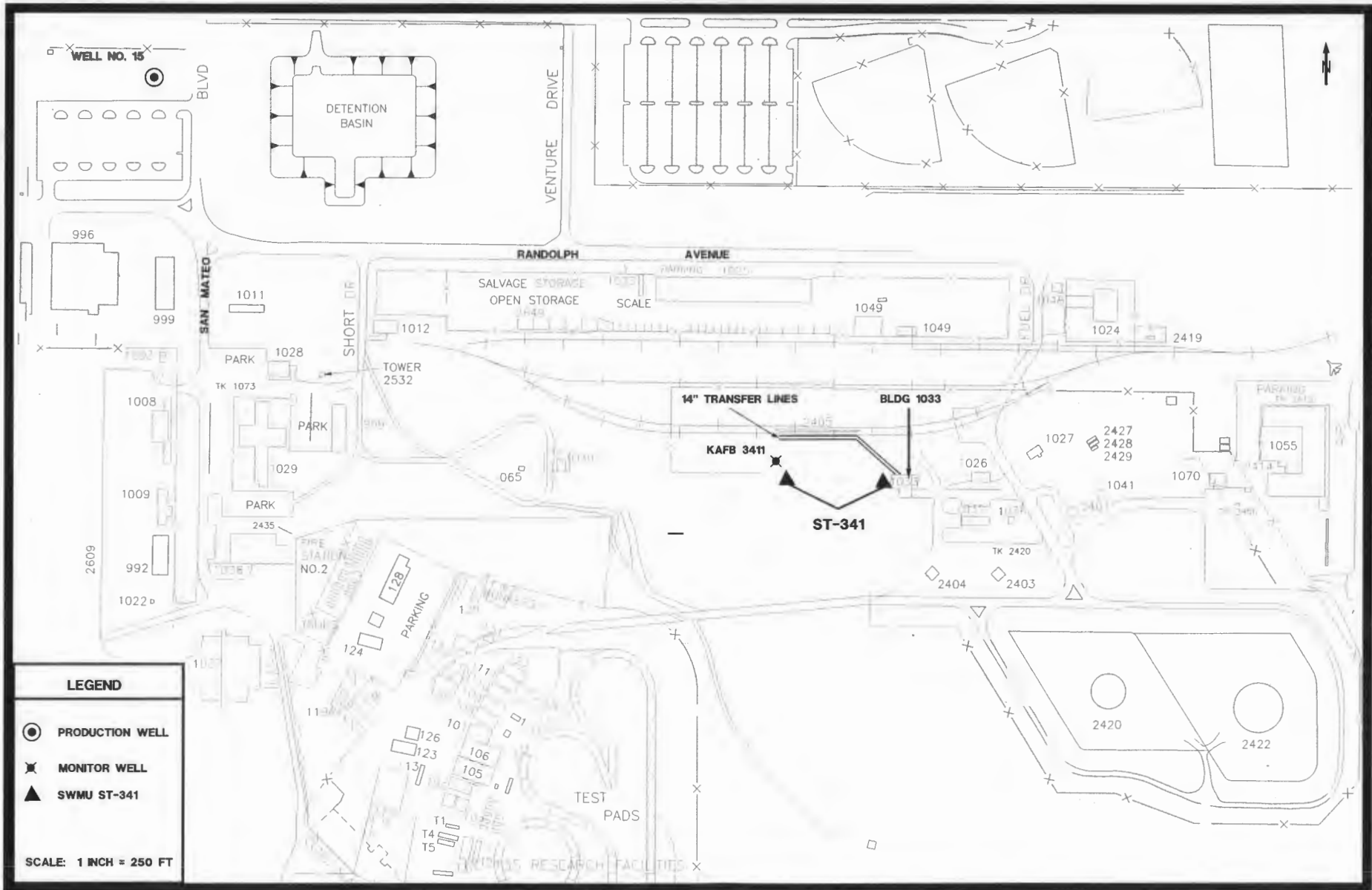


JERROLL G. SILLERUD
Acting Chief, Restoration Branch
Environmental Management Division

Attachment:
Site map

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

KAFB FUELS MANAGEMENT FACILITY



LEGEND

- PRODUCTION WELL
- ✕ MONITOR WELL
- ▲ SWMU ST-341

SCALE: 1 INCH = 250 FT