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 ENTERED



RON CURRY
Secretary

SARAH COTTRELL
Deputy Secretary

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

August 17, 2010

Ronald Lancaster
27 SOCES/CEA
506 N. DL Ingram Blvd.
Cannon AFB, New Mexico 88103-5003

**RE: NOTICE OF APPROVAL
SITE ST-26 (SWMU 48A) CORRECTIVE MEASURE
IMPLEMENTATION (CMI) SITE CLOSURE REPORT ADDENDUM,
MAY 2010, CANNON AIR FORCE BASE, NEW MEXICO
EPA ID #NM7572124454
HWB-CAFB-10-002**

Dear Mr. Lancaster:

The New Mexico Environment Department (NMED) has received Cannon Air Force Base's (Permittee) *Site ST-26 (SWMU 48A) Corrective Measure Implementation (CMI) Site Closure Report Addendum* dated May 2010 (Report). NMED has reviewed the Report and hereby issues this Notice of Approval. NMED provides comments presented below.

SWMUs associated with the old service station at the corner of Torch and Argentina Streets (Site ST-26) were numbered; SWMU 48a (20,000 gallon Underground Storage Tank [UST]), SWMU 48b (2,000 gallon Aboveground Storage Tank [AST]), SWMU 49 (20,000 gallon UST), and SWMU 50 (20,000 gallon UST).

SWMU 48b (the former 2,000 gallon AST) was moved to Table 2 (Corrective Action Complete) through a Class III Permit Modification in 2005.

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SWMU 50 was described as a duplicate of SWMU 48a in the Permittee's October 2008 Corrective Action Complete Proposals. There were only two USTs, not three. NMED agreed that SWMU 50 is a duplicate of SWMU 48a and approved the proposal.

Results of analyses of soil samples collected from the vicinity of the two former side-by-side USTs are included in the Report as well as the results from previous RCRA Facility Investigations. Neither of the locations of the two former USTs has been identified as either 48a or 49. SWMU 49 has not been addressed directly or separately from SWMU 48a. Because of their proximity, similar uses, and similar history SWMUs 48a and 49 appear to be inseparable. Potential contamination resulting from the two SWMUs is comingled. Therefore, the status of SWMU 49 and SWMU 48a are the same.

Sampling and analyses of soil from investigations conducted in 1993, 1994 and 2008 determined that petroleum hydrocarbons were present in the soil at 8 feet to 15 feet below ground surface (bgs) at concentrations exceeding NMED TPH (Total Petroleum Hydrocarbon) Screening Guidelines (October 2006) at SWMU 48a.

In February and March of 2010 the Permittee excavated soil to depths of approximately 19 feet bgs in an area approximately 6 feet wide by 14 feet long. The 2010 excavation removed the most heavily petroleum-impacted soil surrounding a 1994 soil boring identified as 4806 that contained TPH at the concentration of 17,300 mg/kg.

According to the Report petroleum hydrocarbons remain in soil at SWMU 48a. The locations of the most highly petroleum-impacted soils remaining are: the north wall of the 2010 excavation at a depth of 11 feet to 18 feet bgs (960 mg/kg); the location of the 1994 soil core identified as 4804 at 5 ft bgs (1,050 mg/kg) and; the location of the 2008 soil core identified as SB02 (1,500 mg/kg). The screening values for unknown oil for direct exposure via vapor migration for the residential scenario is 800 mg/kg and for the industrial scenario is 2,000 mg/kg. The screening value for unknown oil for direct exposure via soil ingestion for both residential and industrial scenarios is 200 mg/kg.

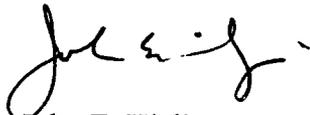
Because the residual contamination exceeds the screening value for unknown oil for direct exposure via soil ingestion for both residential and industrial scenarios, SWMU 48a does not qualify for corrective action complete status.

SWMUs 48a is currently covered with asphalt and used as a parking lot. Since the site does not pose any current unacceptable risk NMED does not require further corrective action at SWMU 48a at this time. However, at such time in the future that the Permittee decides on an alternative land use for SWMUs 48a, NMED may require the removal of contaminated soils to achieve the residual screening levels for unknown oil.

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Please contact Pat Stewart at (505) 476-6059, should you have any questions.

Sincerely,



John E. Kieling
Program Manager
Permits Management Program
Hazardous Waste Bureau

cc: D. Cobrain, NMED HWB
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