DEPARTMENT OF THE AIR FORCE
377TH AIR BASE WING (AFGSC)

NOV 20 2015

Colonel Eric H. Froehlich
377 ABW/CC
2000 Wyoming Blvd SE
Kirtland AFB NM 87117-5600

Ms. Mary Lou Leonard
Albuquerque Environmental Health Department
Director
P.O. Box 1293
Albuquerque NM, 87103

Dear Ms. Leonard

This letter is submitted to the Albuquerque Environmental Health Department (AEHD) to respectfully inform you of the intent to decommission the catalytic oxidizer (CATOX) soil-vapor extraction (SVE) system at the Kirtland Air Force Base (KAFB) Bulk Fuels Facility (BFF) Site. The CATOX SVE system has not operated since April 6, 2015 when it is was shutdown to begin the SVE Shutdown Test (USACE, 2015). Based on the recent vadose zone complex site investigation meeting on October 20 and 21, 2015, results of the SVE shutdown test, and preliminary field results of the Quarter 4 2015 soil-vapor sampling event, it has been determined that the CATOX SVE system will not be operated again at the BFF site.

KAFB respectfully requests that AEHD provide a written response of approval for the procedures outlined below. The decommissioning process will occur within 45 days of receipt of written approval. The system will be deemed fully decommissioned and inoperable after the following modifications have been completed:

- The natural gas line will be disconnected from the system at the gas meter. The gas line will be capped at both the gas meter and the inlet supply to the CATOX.
- Electrical power to the system will be disconnected at the main panel on the CATOX and at the service entrance on the power supply transformer. Fuses on the service supply will be removed along with the Public Service Company of New Mexico (PNM) service meter.
- The pipe between the SVE skid and the CATOX skid will be disconnected and removed.
- The elbow connecting the SVE inlet to the HDPE line coming in from the well field will be disconnected and removed to the side of the system.
- The inlet and outlet of both the CATOX and SVE skids will be closed with sheet metal.
- The piping between the SVE knock-out tank and the condensate tank will be drained, disconnected, and capped at both ends.
- All fluids will be drained from the system (including any liquid in the knock-out tank, condensate tank, lubrication oil in the SVE blower, etc.).
- The condensate tank will be cleaned as needed and removed from KAFB RCRA 90-day storage service.
- Any batteries will be removed from the system.
- The catalyst blocks will be removed from the CATOX and recycled following manufacturer's guidelines.

The CATOX SVE system is currently covered under Emergency Permit 3036-EP. After the system has been decommissioned, KAFB will complete and submit the appropriate form requesting that the emergency permit be cancelled. Should the decision be made to implement another remedial system that requires an air permit, KAFB will apply for a new permit with AEHD.

If you have questions or concerns, please contact Ms. Melissa Clark at 505-853-1588 or at melissa.clark.8@us.af.mil.

Sincerely

ERIC H. FROEHLICH, Colonel, USAF
Commander

cc:
AEHD (Tavarez, Reyes, Faris)
NMED-EHD (Roberts, McQuillan, Agnew)
NMED-HWB (Keiling, Cobrain)

Reference:

USACE. 2015. *Revised Final Kirtland Air Force Base Bulk Fuel Facility - Pilot Soil Vapor Extraction Shutdown Test Work Plan*. Prepared by CB&I Federal Services for the USACE Albuquerque District. February, 2015.