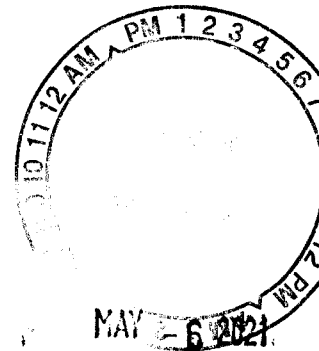




ENTERED

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



Colonel David S. Miller, USAF  
Commander  
377th Air Base Wing  
2000 Wyoming Blvd SE  
Kirtland AFB NM 87117

Mr. Kevin M. Pierard  
Hazardous Waste Bureau (HWB) Chief  
New Mexico Environment Department (NMED)  
2905 Rodeo Park Drive East Building 1  
Santa Fe NM 87505-6303

Dear Mr. Pierard

Kirtland Air Force Base (AFB) has completed groundwater monitoring and sampling at nine wells associated with the in situ bioremediation (ISB) pilot test in accordance with the NMED-approved *Revised Final Ethylene Dibromide In Situ Biodegradation Pilot Test Work Plan, Bulk Fuels Facility, Kirtland Air Force Base, New Mexico, December 2016* (ISB Work Plan). During Phase 4 of the pilot test, the treatment zone was monitored for an extended period (January 2019 through October 2020) to continue evaluating performance of the ISB technology, including possible rebound of ethylene dibromide (EDB) concentrations at the nine groundwater monitoring, injection, and extraction wells. A total of five passive groundwater sampling events were conducted during Phase 4, the last of which was conducted in October 2020. Significant rebound of EDB was not observed since Phase 4 passive monitoring began in January 2019.

Based on recent groundwater results and completion of sampling in accordance with the ISB Work Plan, sampling at seven wells associated with the pilot test will cease entirely (KAFB-106MW1-S, KAFB-106MW1-I, KAFB-106MW2-S, KAFB-106MW2-I, KAFB-106EX1, KAFB-106EX2, and KAFB-106IN1) beginning in 2021 as these wells are not used to define the extent of groundwater contamination. Groundwater monitoring will continue at wells KAFB-106063 and KAFB-106064 semi-annually in accordance with the methodology outlined in the most recent NMED-approved Work Plan entitled *Work Plan for Bulk Fuels Facility Expansion of Dissolved-Phase Plume Groundwater Treatment System Design SWMUs ST-106/SS-111 Revision 2, January 2017*. Furthermore, these wells were incorporated into the consolidated groundwater monitoring work plan, *Work Plan for Groundwater Monitoring Bulk Fuels Facility SWMUs ST-106/SS-111*, submitted to NMED on April 27, 2021.

The pilot test has been completed in accordance with the ISB Work Plan. The aboveground components of the groundwater recirculation system and other infrastructure including electrical lines and conveyance piping, will be removed from the pilot test site. All groundwater monitoring, extraction, and injection wells associated with the pilot test will remain in place. The decommissioning of the pilot test equipment will be initiated in 45-days of the date that this letter is received by NMED unless otherwise directed.



If you have any questions regarding this request, please contact Mr. Sheen Kottkamp at (806)463-0811 or email [sheen.kottkamp.1@us.af.mil](mailto:sheen.kottkamp.1@us.af.mil).

Sincerely

A handwritten signature in black ink, appearing to read "David S. Miller". The signature is fluid and cursive, with the first name "David" being particularly prominent.

DAVID S. MILLER, Colonel, USAF  
Commander

cc:

NMED Resource Protection Division (Stringer), electronic only  
NMED HWB (Pierard, Andress), two letters and CDs  
NMED GWQB (Hunter), letter and CD  
EPA Region 6 (King, Ellinger), letter and CD  
SAF-IEE (Lynnes), electronic only  
AFCEC/CZ (Clark, Kottkamp, Segura, Wortman, Renaghan), electronic only  
USACE-ABQ District Office (Moayyad, Phaneuf, Dreeland, Cordova, Kunkel), electronic only  
Public Info Repository, Administrative Record/Information Repository (AR/IR) and File