



SUSANA MARTINEZ
Governor

JOHN A. SANCHEZ
Lieutenant Governor

NEW MEXICO
ENVIRONMENT DEPARTMENT

Ground Water Quality Bureau

1190 South St. Francis Drive (87505)
P.O. Box 5469, Santa Fe, New Mexico 87502-5469
Phone (505) 827-2900 Fax (505) 827-2965

www.env.nm.gov



BUTCH TONGATE
Cabinet Secretary

J.C. BORREGO
Deputy Secretary

April 28, 2017

Colonel Eric H. Froehlich
377 ABW/CC
2000 Wyoming Blvd SE
Kirtland AFB, NM 87117-5000

RE: Approval of Corrective Action Report, Kirtland Air Force Base Bulk Fuels Facility, Extraction Well KAFB-106239 Drilling Fluids Leak, Kirtland Air Force Base, New Mexico

Dear Col. Froehlich:

The New Mexico Environment Department (NMED) received a Corrective Action Report (CAR) dated April 7, 2017 for the site referenced above. The Bulk Fuels Facility (BFF) project site is an identified Solid Waste Management Unit (SWMU) with the NMED Hazardous Waste Bureau. Kirtland Air Force Base (KAFB) is currently conducting interim corrective action activities at the BFF project site under a Resource Conservation and Recovery Act (RCRA) permit (EPA ID No. NM9570024423). The CAR addresses the removal of soil impacted by the release of approximately 50 gallons of drilling fluid (water) leaking from a lined roll-off bin. The drilling fluid that leaked is associated with extraction well KAFB-106239. The CAR was submitted pursuant to Section 1203.A of the New Mexico Ground and Surface Water Protection Regulations (20.6.2 NMAC).

Corrective action consisted of the excavation of impacted soil. Approximately one cubic yard of soil was excavated from an area of 3 to 4 feet in width and 20 feet in length. No confirmatory soil samples were collected based on the analytical results of the drilling fluid leaked to the ground surface. The drilling fluid (water) containerized in the roll-off, and leaked to the ground, was analyzed for:

- EPA Method 6010B/7470 for total metals;
- EPA Method 8260B for volatile organic compounds;
- EPA Method 8270C for semi-volatile organic compounds;
- EPA Method 9012B for reactive cyanide;
- EPA Method 9034-9030B for reactive sulfide;
- EPA Method 9040C for corrosivity by pH; and
- EPA Method 1010A/ASTM D93 for flashpoint.

KAFB4517



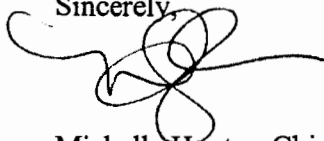
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All analytes were non-detect except for a single detection of chloroform which is a suspected laboratory contaminant. Groundwater is at a depth of approximately 480 feet below ground surface.

This CAR is hereby approved pursuant to Section 20.6.2.1203.A NMAC and no further action is required at this time. Please be advised that this CAR approval does not relieve the U.S. Air Force/KAFB of its responsibility if the CAR failed to adequately assess and remediate the contamination at this site. NMED approval does not relieve the U.S. Air Force/KAFB of its responsibility for compliance with any other federal, state, or local laws and regulations, including zoning requirements and nuisance ordinances. If additional information becomes available indicating that this corrective action was inadequate, further efforts may be required in the future.

If you have questions concerning this correspondence, please contact Diane Agnew, Project Manager, at (505) 222-9555 or Justin Ball, Team Leader, at (505) 222-9522. Thank you for your cooperation in this matter.

Sincerely,



Michelle Hunter, Chief
Ground Water Quality Bureau

cc: Col. Harner, Kirtland Air Force Base, 377 ABW/CC, 2000 Wyoming Blvd SE, Kirtland AFB, NM 87117-5000
Kate Lynnes, Kirtland Air Force Base, kathryn.lynnes@us.af.mil
Adria Bodour, Kirtland Air Force Base -Air Force Civil Engineer Center, adria.bodour.1@us.af.mil
Trent Simpler, U.S. Army Corps of Engineers, Trent.Simpler@usace.army.mil
Bart Faris, Albuquerque Environmental Health Department, bfaris@cabq.gov
Rick Shean, Albuquerque Bernalillo County Water Utility Authority, flshean@abcwua.org
John Kieling, Chief, NMED-HWB
Diane Agnew, Project Manager, ROS-SCP
Justin Ball, Team Leader, ROS-SCP
Ali Furmall, Program Manager, ROS
ROS Reading File