



DEPARTMENT OF THE ARMY
FORT WINGATE DEPOT ACTIVITY
P.O. BOX 268
FORT WINGATE, NM 87316

February 10, 2014

Mr. John Kieling
Acting Chief, Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park Drive East, Building 1
Santa Fe, New Mexico 87505-6303

Dear Mr. Kieling:

The Army Corps of Engineers (USACE) proposes abandoning four wells associated with groundwater monitoring activities conducted under RCRA Permit No. NM6213820974 at the Fort Wingate Depot Activity (FWDA). Three of these wells are located in Parcels 10a and 10b. These three are 6- to 8-inch diameter wells used only to measure static water levels. These are formally identified as Wingate 89, Wingate 90, and Wingate 91. These wells are not used to sample groundwater. The issue with these wells is that at least one is frequently subjected to flooding. The well(s) could be a conduit for floodwater to enter the alluvial groundwater system.

USACE has installed ten piezometers along the Rio Puerco and two sentinel wells (above Parcel 10a). These piezometers and sentinel wells provide sufficient groundwater elevation data to evaluate groundwater movement in the area of these three wells.

The fourth well that we propose to abandon is the monitoring well FW26. It is a dry monitoring well. It has been dry since the Army began the groundwater-monitoring program that was initiated in April of 2008. This well serves no useful purpose.

We are in the process of writing a RCRA Facility Investigation (RFI) work plan for groundwater in the northern portion of FWDA. The RFI will identify areas where additional wells may be required to fully delineate groundwater contaminant plumes. Monitoring well FW26 is located near the western boundary of the alluvial nitrate plume. If a new monitoring well is required in this area to define that side of the plume, FW29 will be replaced during RFI fieldwork.

All wells will be abandoned in accordance with 19.27.4 New Mexico Administrative Code (NMAC). Abandonment plans will be submitted to the New Mexico Office of the State Engineer. Plan approval documentation and abandonment records will be copied and sent to your office for your records.

Should you have any question regarding this proposal, please contact me at 330-358-7312, or you may also contact Mr. David Henry at the Albuquerque District Office of the U.S. Army Corps Engineers at 505-342-3139.

Sincerely,



Mark Patterson
BRAC Environmental Coordinator

CF:

Dave Cobrain, NMED, HWB
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