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**From:** Agnew, Diane, NMENV

**Sent:** Wednesday, January 20, 2016 9:50 AM

**To:** Simpler, Trent SPA; BODOUR, ADRIA A CIV USAF HAF AFCEC/CZRX; LYNNES, KATHRYN D HQE USAF AFGSC 377 MSG/SAF/IEE; BITNER, LUDIE W JR GS-13 USAF AFCEC/CZO; CLARK, SCOTT C GS-12 USAF AFCEC/CZO; BRANSON, VICTORIA R GS-12 USAF AFCEC/CZO; Mark.J.Phaneuf@usace.army.mil

**Cc:** Roberts, Kathryn, NMENV; McQuillan, Dennis, NMENV; Kieling, John, NMENV; Turner, Jill, NMENV

**Subject:** Approval with conditions for Groundwater Monitoring Optimization

Hello:

The NMED has received the *Technical Memorandum: Requested Optimization of Monitoring and Reporting*, dated December 9, 2015. We are preparing a response letter now that will approve the proposed changes to the monitoring and reporting with the following three conditions:

1. The Permittee shall continue quarterly sampling for EDB, metals, anions, alkalinity, and field parameters at the "Newly Installed Wells" until each well has four consecutive quarters. The "Newly Installed Wells" are defined as the 20 groundwater monitoring wells installed in 2015. At the end of the fourth consecutive quarter, the Permittee may change to a semi-annual sampling program for metals, anions, and alkalinity and continue with quarterly sampling for EDB and field parameters.
2. The Permittee shall continue quarterly sampling for BTEX, EDB, metals, anions, alkalinity, and field parameters at groundwater monitoring wells with observed increasing trends in nitrate, chloride, and sulfate as discussed at the December 8, 2015 Hydrogeology Working Group. At a minimum, this includes wells KAFB-1065, KAFB-1069, and KAFB-10612R.
3. Sampling frequency of metals and alkalinity for the VA and downgradient proximal wells may be revised based on recommendations of the Hydrogeology Working Group for indicator parameters.

Please proceed with planning and executing the proposed changes to monitoring and reporting outlined in the technical memorandum, with the above three conditions, beginning in First Quarter 2016.

If you have any questions, please do not hesitate to contact me at (505) 222-9555.

Diane

**Diane Agnew**

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