



**Swanson, Baird, NMENV**

**From:** Holmes, Mark D Civ USAF AFMC 377 MSG/CEANR [Mark.Holmes@kirtland.af.mil]  
**Sent:** Wednesday, January 06, 2010 11:26 AM  
**To:** Swanson, Baird, NMENV  
**Cc:** Bitner, Ludie W Jr Civ USAF AFMC 377 MSG/CEANR; Pike, John S Civ USAF AFMC 377 MSG/CEAN; Wilson, Brent Civ USAF AFMC 377 MSG/CE  
**Subject:** update and schedule

Baird

Happy new year!

We received preliminary results for the post development sampling of the new offbase well KAFB-10625 installed in December for downgradient delineation of the dissolved phase of the fuel plume. The only detection of note was EDB at a concentration of 0.06 ug/l, which just exceeds the EPA standard of 0.05 ug/l. This was a post-development sample collected immediately after development of the well. Another groundwater sample will be collected from KAFB-10625 as part of our normally scheduled quarterly sampling to provide a water quality sample after the well equilibrates with the aquifer, a potentially more representative result. Upon receipt of the second sampling results, we will meet with you to review the results and discuss any additional investigation required.

For your notification, the quarterly monitoring is scheduled to begin on 11 Jan 10, beginning with water level gauging (12-13 Jan) followed by sampling. Sampling will begin 14 Jan with production wells and wells located onbase. Beginning the week of 18 Jan 10, we will begin sampling the offbase wells, with sampling of KAFB-10625 scheduled for 21 Jan. During the offbase sampling we will also be experimenting with discrete sampling of different zones for comparison to diffusion bag sampling results from the same wells; this will permit accumulation of data to determine the feasibility of streamlining some of the offbase sampling to reduce safety concerns with sampling on city streets, which will be presented in future semi-annual reports.

//Signed//  
Mark Holmes  
Project Manager  
Environmental Management  
Restoration Section  
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