

**Kieling, John, NMENV**

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**From:** Wilson, Brent Civ USAF AFMC 377 MSG/CE <Brent.Wilson@kirtland.af.mil>  
**Sent:** Wednesday, November 28, 2012 8:18 AM  
**To:** Kieling, John, NMENV; Pike, John S Civ USAF AFMC 377 MSG/CEI-CEO; Bitner, Ludie W Jr Civ USAF 377 MSG 377 MSG/CEIR; Cooper, Thomas; diane.agnew@shawgrp.com; Migdal, Walter SPA  
**Cc:** Davis, Jim, NMENV; Moats, William, NMENV; Brandwein, Sid, NMENV; McDonald, William, NMENV  
**Subject:** KIRTLAND RESPONSE: KAFB fuel spill follow up  
**Attachments:** Preliminary\_Data\_KAFB106201\_thru\_KAFB106209\_11-27-12.pdf.pdf.pdf  
**Signed By:** denzil.wilson@us.af.mil

John,

The Preliminary well test data is attached, per your request.

In answer to your questions:

Did chloroform show in any of the nine new wells from the recent sampling events?

ANSWER: Yes, in well 106206. The same well NMED split detected with the same result (Deep Well at Kentucky)

Also, I wanted to get a status on the following:

The argon gas bubble plan and table indicating gas bubble at wells over time.

ANSWER: The gas bubble response is in final coordination for Col Kubinec's signature, we'll deliver as soon as signed.

The SVE Design Plan was to be submitted as indicated in the weekly update on November 26, 2012. We do not have the plan as of this morning.

ANSWER: We've provided a set of stamped drawings in advance for your review (currently in your office). The formal submittal document of the final plan is in coordination for Col Kubinec's signature and will be delivered as soon as it is signed. We received Steve's comments on the drawings yesterday and are working to address each of them as quickly as possible.

Could you also provide an explanation as to why the SVE schedule slipped from November to December.

ANSWER The initial discussion for November was based on planning prior to firm commitments with Shaw's sub-contractors. The final schedule called for a 13 December completion and has been delayed to 28 December due to



unforeseen soil conditions at the CATOX pad location that required additional time to insure proper foundation preparation and construction.

Col Lanning will represent the base this evening at the ABCWUA board meeting. I'll be there along with several of our team as well.

Please let me know if you need any additional information.

All the best,

Brent

\\signed//

D. BRENT WILSON, PE  
Base Civil Engineer  
Kirtland AFB, NM  
505-846-7911 or dsn 246-7911

-----Original Message-----

From: Kieling, John, NMENV [<mailto:john.kieling@state.nm.us>]  
Sent: Tuesday, November 27, 2012 9:14 AM  
To: Wilson, Brent.Civ USAF AFMC 377 MSG/CE; Pike, John S Civ USAF AFMC 377 MSG/CEI-CEO; Bitner, Ludie W Jr Civ USAF 377 MSG 377 MSG/CEIR; Cooper, Thomas; [diane.agnew@shawgrp.com](mailto:diane.agnew@shawgrp.com); Migdal, Walter SPA  
Cc: Davis, Jim, NMENV; Moats, William, NMENV; Brandwein, Sid, NMENV; McDonald, William, NMENV  
Subject: KAFB fuel spill follow up

Brent,

I am following up from the e-mail this morning between you and Jim Davis on the preliminary data. Please e-mail me the data and if it is in tabular format even better.

Did chloroform show in any of the nine new wells from the recent sampling events?

Also, I wanted to get a status on the following -

The argon gas bubble plan and table indicating gas bubble at wells over time.

The SVE Design Plan was to be submitted as indicated in the weekly update on November 26, 2012. We do not have the plan as of this morning.

Could you also provide an explanation as to why the SVE schedule slipped from November to December.

Thanks, John

John E. Kieling, Chief

Hazardous Waste Bureau

New Mexico Environment Department

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[john.kieling@state.nm.us](mailto:john.kieling@state.nm.us)

Kirtland AFB New Well Data - Nov 2012

Well ID	GW0871	GW0872	GW0873	GW0874	GW0875	SDG68	SDG68	SDG68	SDG68	SDG68	SDG68	SDG68	SDG68	DL	LOQ	EPA MCL
Sample Date	106201	106202	106203	106203 dup	106204	106205	106205R	106206	106206R	106207	106208	106209	106209R			
	(11/14/12)	(11/19/12)	(11/13/12)	(11/13/12)	(11/13/12)	10/30/2012	11/7/2012	10/30/2012	11/6/2012	11/8/2012	10/29/2012	10/29/2012	11/6/2012			
<b>Analyte</b>																
EPA 8260B - Chloroform (ug/L)	1U	1U	1U	1U	1U	1U	1U	0.32J	0.32J	1U	1U	1U	1U	0.25	1.0	100
EPA 8011 - EDB (ug/L)	0.0283U	0.0283U	0.0283U	0.0283U	0.0283U	0.0283U	0.0282U	0.0282U	0.0282U	0.0279U	0.0288U	0.0278U	0.0274U	0.009	0.0288	0.05

NOTES: Detected analytes reported in table, all others are nondetect

**Analytical Methods**

EPA 8260B - Volatile Organic Compounds

EPA 8011 - Ethylene Dibromide

ug/L - micrograms per liter

"J" - Estimated concentration is below the Limit of Quantitation (LOQ) and above the minimum detection limit (DL)

"U" - analyte is not detected at the LOQ

LOQ - the lab specific analyte reporting limit that has greater than a 99 percent confidence level for accuracy and precision  
This value is shown in table with the "U" qualifier.

DL - the lab specific lowest possible detectable concentration per the analytical method with a 99 percent confidence level for accuracy

\*\*\*\*\* This information is PRELIMINARY ONLY and will not be final until report is issued

NOT VALIDATED DATA (27 NOV 2012)  
PRELIMINARY DATA (27 NOV 2012)