

## Kieling, John, NMENV

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**From:** Migdal, Walter SPA <Walter.Migdal@usace.army.mil>  
**Sent:** Thursday, August 15, 2013 10:00 AM  
**To:** Moats, William, NMENV  
**Cc:** Cobrain, Dave, NMENV; Kieling, John, NMENV; Reuter, Stephen, NMENV  
**Subject:** KAFB Bulk Fuels weekly Activity report attached (UNCLASSIFIED)  
**Attachments:** Weekly Activity Report 14 August 2013.pdf

Classification: UNCLASSIFIED

Caveats: NONE

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Classification: UNCLASSIFIED

Caveats: NONE

Weekly Activity Report –Kirtland AFB Bulk Fuels Facility (SS-111, ST-106)

SVE System Status

- ✓ System ordered from vendor – 3 August 2012
- ✓ Emergency Air Permit – Approved by AEHD 31 August 2012, public notice on 5 September 2012
- ✓ Submittal of Phase II Remediation Interim Measure Plan to the NMED – 6 December 2012 (revised from 10 October 2012)
- ✓ Installation of utilities (electrical and natural gas) began on 30 October 2012
- ✓ SVE System Operation begins – 22 January 2013 (revised from 28 December 2012)
- Air permit – estimated delivery date to AEHD on 16 December 2013 (will submit ahead of NMED approval of PRIMP per request from AEHD)

Current Week: 7 August – 14 August 2013

- ✓ Installed battery backup for SVE treatment telemetry
- ✓ Completed a water wash of the catalyst
- ✓ Complete blower seal and lubricant replacement on SVE system
- Continued collection of compound specific isotope analysis (CSIA) and microbe samples at 35 well locations
- Continued groundwater sampling for 3<sup>rd</sup> Quarter 2013
- Continued to work with manufacturer to provide timeline for completion of destruction rate repairs.

	Completed to date (includes casing placement)	Total Number Planned	Percent Complete
Groundwater Wells <sup>a</sup>	87	87	100%
Direct Push Soil Sampling (does not include step out sampling)	306	306	100%
Direct Push Soil sampling (Step outs – Round 1)	18	18	100%
Direct Push Soil Sampling (Additional step-outs – Round 2)	37	41	90% – 4 locations too close to underground electric utilities to be safely sampled
Direction Push Soil Sampling (Additional step-outs – Round 3)	0	4	0%

<sup>a</sup> Wells reported are specific to those installed on current PBC Contract (2011 and 2012 drilling campaigns; actual number of groundwater wells sampled for characterization is 107 (does not include 9 new monitoring wells)

<b>3<sup>rd</sup> Quarter 2013 Pre-Remedy Monitoring</b>				
	Number Sampled	Total	Percent Complete	Notes
Groundwater Monitoring Wells <sup>a</sup>	87	117	74.4%	
Soil Vapor Monitoring Wells	0	287	0%	Will begin mid-August
Production Wells	2	4	0%	Well KAFB 15 is no longer being run due to No <sub>x</sub> emissions exceedences and the well shaft engine at KAFB 16 is not operational; samples cannot be collected
Compound specific isotope analysis and microbe sampling	19	35	54.2%	Will be completed mid-August

Look Ahead: Week of 14 August – 21 August 2013

- Determine manufacturer for procurement of filter and schedule timeline for destruction rate repairs
- Continue groundwater sampling for 3<sup>rd</sup> Quarter 2013
- Continue collection of CSIA and microbe samples at 35 well locations
- Submit Revised Final Phase II Remediation Interim Measure Plan to NMED

Month Ahead:

- Complete groundwater sampling for 3<sup>rd</sup> Quarter 2013
- Begin soil vapor sampling for 3<sup>rd</sup> Quarter 2013
- Submit letter response to NMED letter dated 1 February 2013 regarding the Second Quarter 2012 report dated 1 February 2013
- Submit letter response to NMED letters regarding geophysical logging
- Submit letter response to NMED letter regarding Pneulog testing
- Complete SVE system repairs to restore destruction rate
- Complete CSIA and microbe sampling
- Present at 20 August 2013 CAB meeting (Cesar Chavez Community Center; 5:30 – 7:30 p.m.)
- Present at 21 August 2013 ABCWUA Board Meeting