

Kieling, John, NMENV

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Sent: Wednesday, July 10, 2013 3:05 PM
To: Moats, William, NMENV
Cc: Cobrain, Dave, NMENV; Kieling, John, NMENV; Reuter, Stephen, NMENV
Subject: KAFB Bulk Fuels Weekly Activity Report attached
Attachments: Weekly Activity Report 10 July 2013.pdf

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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: 3 July – 10 July 2013

- Began groundwater sampling for 3rd Quarter 2013
- Continued operation of SVE system
- 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 ^a	87	87	100%
Direct Push Soil Sampling (does not include step out sampling)	306	306	100%
Direct Push Soil sampling (Step outs – 1 st phase)	18	18	100%
Direct Push Soil Sampling (Additional step outs)	37	41	90% – 4 locations too close to underground electric utilities to be safely sampled

^a 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)

3rd Quarter 2013 Pre-Remedy Monitoring				
	Number Sampled	Total	Percent Complete	Notes
Groundwater Monitoring Wells ^a	9	117	7.7%	
Soil Vapor Monitoring Wells	0	287	0%	Will begin mid-August
Production Wells	0	4	0%	Well KAFB 15 is no longer being run due to No _x emissions exceedences and the well shaft engine at KAFB 16 is not operational; samples cannot be collected

Look Ahead: Week of 10 July – 17 July 2013

- Continue to work with manufacturer to provide timeline for completion of destruction rate repairs.
- Continue groundwater sampling for 3rd Quarter 2013
- Collect gas bubble samples from KAFB-106205 and KAFB-106206
- Begin collection of Compound Specific Isotope Analysis (CSIA) and microbe samples at 35 well locations

Month Ahead:

- Continue groundwater sampling for 3rd 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
- Continue CSIA and microbe sampling