

Kieling, John, NMENV

From: Migdal, Walter SPA <Walter.Migdal@usace.army.mil>
Sent: Wednesday, July 17, 2013 4:43 PM
To: Moats, William, NMENV
Cc: Cobrain, Dave, NMENV; Kieling, John, NMENV
Subject: KAFB Bulk Fuels Weekly Activity Report attached (UNCLASSIFIED)
Attachments: Weekly Activity Report 17 July 2013.pdf

Classification: UNCLASSIFIED

Caveats: NONE

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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: 10 July – 17 July 2013

- ✓ 15 July 2013: Collected gas bubble samples from KAFB-106205 and KAFB-106206
- Began collection of compound specific stable isotope analysis (CSIA) and microbe samples at 35 well locations
- Continued 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 – 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%

^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	19	117	16.2%	
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 _x emissions exceedences and the well shaft engine at KAFB 16 is not operational; samples cannot be collected
Compound specific isotope analysis and microbe sampling	8	35	23%	Will be completed mid-August

Look Ahead: Week of 17 July – 24 July 2013

- Continue to work with manufacturer to provide timeline for completion of destruction rate repairs.
- Continue groundwater sampling for 3rd Quarter 2013
- Continue collection of 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