



Kieling, John, NMENV

From: Migdal, Walter SPA [Walter.Migdal@usace.army.mil]
Sent: Thursday, September 27, 2012 9:42 AM
To: Moats, William, NMENV
Cc: Kieling, John, NMENV; Davis, Jim, NMENV
Subject: KAFB Weekly Activity Report Attached (UNCLASSIFIED)
Attachments: Weekly Activity Report 26 September 2012.pdf; SVE Schedule 09262012.pdf

Classification: UNCLASSIFIED
Caveats: NONE

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Caveats: NONE



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

Current Week: 19 – 26 September 2012

- ✓ Completed well construction at well KAFB-106202 – 23 September 2012
- ✓ 19 – 26 September – Completed soil vapor sampling
- ✓ 25 – 26 September – Completed maintenance of SVE units
- ✓ 20 September – Completed stack testing of SVE units
- 19 – 26 September – Continued operation of SVE units (RSI internal combustion engine units) at ST-106 (manifold), KAFB-106149, KAFB-106160, and KAFB-106161.
- 24 September – Started well drilling at KAFB-106201

	Completed to date (includes casing placement)	Total Number Planned	Percent Complete
Groundwater Wells ^a	86	87	98.8
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)	TBD	TBD	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 Pre-Remedy Monitoring				
	Number Sampled	Total	Percent Complete	Notes
Groundwater Monitoring Wells ^a	106	108	98.1	Well KAFB-10612 cannot be sampled due to a failed pump and we need to get a down-well camera (4 th QTR 2012) to troubleshoot pump removal; KAFB-106041 is a dry well ^b
Soil Vapor Monitoring Wells	286	287	99.6	One port on SVM cluster was plugged and could not be sampled; documented in field sample logs
Production Wells/Compliance Point	5	5	100	

^a Wells reported in this row are only the number of wells that are sampled on a quarterly basis. These wells, plus several others in the vicinity of the project area have quarterly water level measurements, no sampling. The water level measurements are in the quarterly reports.

^b A discussion of issues encountered at KAFB-10612 will be included in the 4th Quarter 2012 report; a downhole camera will be used during the 4th quarter to determine path forward on this well . Well KAFB-106042 has been dry since installation and a discussion of this well cluster can be found in the quarterly reports.

Look Ahead: Week of 26 September – 3 October 2012

- Begin 4th Quarter 2012 soil vapor monitoring sampling
- Continuation of SVE unit operation
- Complete drilling and well installation at KAFB-106201

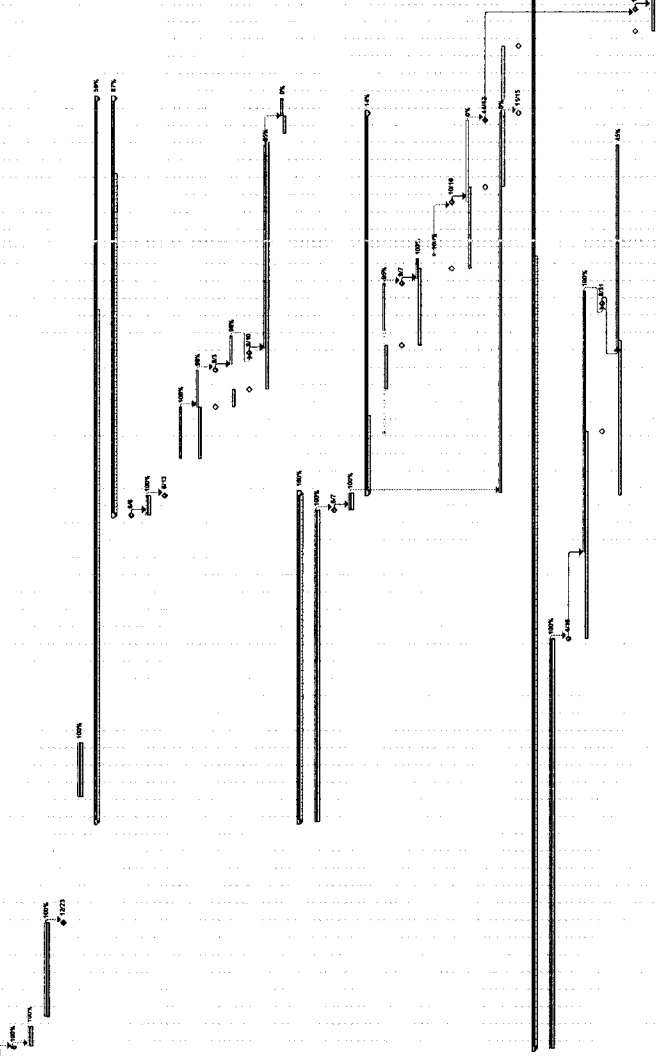
Month Ahead:

- Begin 4th Quarter 2012 groundwater monitoring sampling
- Continuation of SVE unit operation
- Complete drilling and installing groundwater monitoring wells
- Submit letter clarifying sampling of 9 new groundwater monitoring wells
- Submit Second Quarter 2012 Report

SVE System Status (see attached schedule)

- ✓ System ordered from vendor – 10 August 2012
- ✓ Emergency Air Permit – Approved by AEHD 31 August 2012, public notice on 5 September 2012
- Submittal of final design letter addendum to the NMED – 10 October 2012
- Installation of utilities (electrical and natural gas) –October 2012
- Installation of SVE skids – 15 November 2012
- Modification to air permit – 14 January 2013

Task Name	Duration	Start	Finish	Start	Finish	Start	Finish
1	Task Name	11/4 days	Mon 10/31/11	Wed 10/27/11	Mon 10/31/11	Wed 10/27/11	Mon 10/31/11
2	End Scope Data Analysis	2/4 days	Mon 10/31/11	Wed 10/27/11	Mon 10/31/11	Wed 10/27/11	Mon 10/31/11
3	HMED Test Team Meeting Group	1 day	Thu 11/03/11	Thu 11/03/11	Thu 11/03/11	Thu 11/03/11	Thu 11/03/11
4	SVE Test Campaign	5 days	Fri 11/04/11	Fri 11/04/11	Fri 11/04/11	Fri 11/04/11	Fri 11/04/11
5	HMED Review of SVE Wind Change Label	2/4 days	Wed 10/26/11	Fri 10/28/11	Fri 10/28/11	Fri 10/28/11	Fri 10/28/11
6	HMED Approval of SVE Wind Change	0 days	Fri 10/27/11	Fri 10/27/11	Fri 10/27/11	Fri 10/27/11	Fri 10/27/11
7	SVE Wind Validation	10 days	Mon 10/31/11	Mon 10/31/11	Mon 10/31/11	Mon 10/31/11	Mon 10/31/11
8	SVE Design/Construction	100 days	Fri 10/27/11	Wed 11/23/12	Fri 10/27/11	Wed 11/23/12	Fri 10/27/11
9	SVE System Delivery	1/4 days	Wed 10/26/11	Wed 10/26/11	Wed 10/26/11	Wed 10/26/11	Wed 10/26/11
10	Submit SVE Component Labels to HMED	0 days	Wed 10/26/11	Wed 10/26/11	Wed 10/26/11	Wed 10/26/11	Wed 10/26/11
11	HMED Review of Component Labels	0 days	Wed 10/26/11	Wed 10/26/11	Wed 10/26/11	Wed 10/26/11	Wed 10/26/11
12	HMED Approval of SVE Component Labels	0 days	Wed 10/26/11	Wed 10/26/11	Wed 10/26/11	Wed 10/26/11	Wed 10/26/11
13	Phase Check Air SVE System	1/4 days	Fri 10/28/11	Thu 10/27/11	Fri 10/28/11	Thu 10/27/11	Fri 10/28/11
14	Vendor Preparation of Change	1/4 days	Fri 10/28/11	Fri 10/28/11	Fri 10/28/11	Fri 10/28/11	Fri 10/28/11
15	Review of Vendor Change	0 days	Fri 10/28/11	Fri 10/28/11	Fri 10/28/11	Fri 10/28/11	Fri 10/28/11
16	Start approval of Vendor Change	0 days	Mon 10/31/11	Fri 10/27/11	Mon 10/31/11	Fri 10/27/11	Mon 10/31/11
17	SVE Fabrication	60 days	Mon 10/31/11	Fri 10/27/11	Mon 10/31/11	Fri 10/27/11	Mon 10/31/11
18	SVE System Delivery	0 days	Mon 10/31/11	Wed 11/02/12	Mon 10/31/11	Wed 11/02/12	Mon 10/31/11
19	SVE Utilities	0 days	Thu 11/03/11	Wed 11/02/12	Thu 11/03/11	Wed 11/02/12	Thu 11/03/11
20	Preparation of Utility and Site Plan	0 days	Fri 10/28/11	Thu 10/27/11	Fri 10/28/11	Thu 10/27/11	Fri 10/28/11
21	Submission of Utility and Site Plan to MATS	0 days	Thu 10/27/11	Thu 10/27/11	Thu 10/27/11	Thu 10/27/11	Thu 10/27/11
22	HAZOP Review of Utility and Site Plan	0 days	Fri 10/28/11	Thu 10/27/11	Fri 10/28/11	Thu 10/27/11	Fri 10/28/11
23	SVE Design Plan	1/4 days	Fri 10/28/11	Thu 10/27/11	Fri 10/28/11	Thu 10/27/11	Fri 10/28/11
24	Phase SVE Design Plan	1/4 days	Mon 10/31/11	Fri 10/27/11	Mon 10/31/11	Fri 10/27/11	Mon 10/31/11
25	Submit SVE Design Plan to LADCO and EAB	0 days	Fri 10/28/11	Fri 10/28/11	Fri 10/28/11	Fri 10/28/11	Fri 10/28/11
26	LADCO and EAB Review of SVE Design Plan	0 days	Mon 10/31/11	Mon 10/31/11	Mon 10/31/11	Mon 10/31/11	Mon 10/31/11
27	Meeting with HMED with preliminary design	1 day	Wed 10/26/11	Wed 10/26/11	Wed 10/26/11	Wed 10/26/11	Wed 10/26/11
28	Submit Air Permit Application to HMED	0 days	Mon 10/31/11	Mon 10/31/11	Mon 10/31/11	Mon 10/31/11	Mon 10/31/11
29	HMED Review of Final SVE Design Plan	0 days	Mon 10/31/11	Mon 10/31/11	Mon 10/31/11	Mon 10/31/11	Mon 10/31/11
30	Construction of SVE System	110 days	Fri 10/27/11	Thu 11/02/12	Fri 10/27/11	Thu 11/02/12	Fri 10/27/11
31	System Operation Begins	0 days	Thu 11/02/12	Thu 11/02/12	Thu 11/02/12	Thu 11/02/12	Thu 11/02/12
32	Final Permit	4/2 days	Thu 11/02/12	Thu 11/02/12	Thu 11/02/12	Thu 11/02/12	Thu 11/02/12
33	Phase Emergency Air Permit	11/4 days	Thu 11/02/12	Mon 10/31/11	Thu 11/02/12	Mon 10/31/11	Thu 11/02/12
34	Submit Emergency Air Permit to ACD	0 days	Mon 10/31/11	Mon 10/31/11	Mon 10/31/11	Mon 10/31/11	Mon 10/31/11
35	ACD Review of Emergency Air Permit	7/4 days	Thu 10/27/11	Thu 10/27/11	Thu 10/27/11	Thu 10/27/11	Thu 10/27/11
36	ACD Approval of Emergency Air Permit	0 days	Fri 10/28/11	Fri 10/27/11	Fri 10/28/11	Fri 10/27/11	Fri 10/28/11
37	Phase Air Permit Modification	0 days	Mon 10/31/11	Fri 10/27/11	Mon 10/31/11	Fri 10/27/11	Mon 10/31/11
38	Submit Air Permit Modification to ACD	0 days	Thu 10/27/11	Thu 10/27/11	Thu 10/27/11	Thu 10/27/11	Thu 10/27/11
39	ACD Review of Air Permit Modification	1/4 days	Fri 10/28/11	Thu 10/27/11	Fri 10/28/11	Thu 10/27/11	Fri 10/28/11



UPDATE: 26 September 2012
NOT FINAL