Kieling, John, NMENV

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Sent:	Wednesday, January 09, 2013 5:25 PM
То:	Moats, William, NMENV
Cc:	Kieling, John, NMENV
Subject:	KAFB Bulk Fuels Weekly Activity Report attached
Attachments:	SVE Schedule 01092013.pdf; Weekly Activity Report 9 January 2013.pdf

Walter Migdal Project Manager, CESPA-PM-ME Office (505) 343-6297 Cell (505) 301-2923 walter.migdal@usace.army.mil Weekly Activity Report – Kirtland AFB Bulk Fuels Facility (SS-111, ST-106)

Current Week: 2 January – 9 January 2013

- 2 January 9 January 2013: Started groundwater monitoring sampling for First Quarter 2013 at groundwater monitoring wells
- 2 January 9 January 2013: Continued background data collection; SVE units (RSI internal combustion engine units) at ST-106 (manifold), KAFB-106149, KAFB-106160, and KAFB-106161 are not operating
- 2 January 9 January 2013: Continued electrical installation for SVE treatment system
- 2 January 9 January 2013: Begin SVE treatment system shakedown and testing
- ✓ 2 January 9 January 2013: Completed HDPE piping construction for SVE treatment system

	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)	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)

1 st Quarter 2013 Pre-Remedy Monitoring					
	Number Sampled	Total	Percent Complete	Notes	
Groundwater Monitoring Wells ^a	9	117	7.7%	Started collection of water level measurements	
Soil Vapor Monitoring Wells	0	287	0%		
Production Wells	0	4	0%		

Look Ahead: Week of 9 January – 16 January 2013

- Continue groundwater monitoring sampling for 1st Quarter 2013
- Complete electrical utility (electrical pull, terminations, and test) installation for SVE treatment system
- Continue SVE system shakedown and testing

Month Ahead:

- Continue First Quarter 2013 groundwater monitoring sampling
- Begin Operation of SVE treatment system
- Conduct ROI testing of SVE treatment system

SVE System Status (see attached schedule)

- ✓ 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 18 January 2013 (revised from 28 December 2012)
- Modification to air permit 11 March 2013 (Required delivery within 45 days of NMED approval of the Phase II Remediation Interim Measures Plan)

ID Task Name	Duration Start Finish Oc	
1 V Data Evaluation/Pre-liminary Design	111 days Mon 10/3/11 Mon 3/5/12	
2 Soil Vapor Data Analysis	23 days Mon 10/3/11 Wed 11/2/11	
3 NMED Tiger Team Working Group	1 day Thu 11/3/11 Thu 11/3/11	
4 VE Well Design	6 days Fri 11/4/11 Fri 11/11/11	
5 NMED Review of SVE Well Design Letter 6 NMED Approval of SVE Well Design	28 days Wed 11/16/11 Fri 12/23/11 0 days Fri 12/23/11 Fri 12/23/11	
VMED Approval of SVE Well Design SVE Well Installation	16 days Mon 2/13/12 Mon 3/5/12	
8 SVE Ven Installation	269 days Fri 2/3/12 Fri 1/25/13	
9 SVE System Delivery	131 days Wed 6/6/12 Thu 11/29/12	
10 Submit SVE Component Letter to NMED	0 days Wed 6/6/12 Wed 6/6/12	φ _φ ιβ6
11 VMED review of Component Letter	6 days Wed 6/6/12 Wed 6/13/12	
12 VMED Approval on SVE Component Letter	0 days Wed 6/13/12 Wed 6/13/12	
13 V Place Order for SVE System	15 days Fri 6/29/12 Thu 7/19/12	
14 Vendor Preparation of Drawings	11 days Fri 7/20/12 Fri 8/3/12	
15 Receipt of Vendor SVE Drawings	0 days Fri 8/3/12 Fri 8/3/12	$\diamond \bullet \bullet$
16 V Shaw review of Vendor Drawings	10 days Mon 8/6/12 Fri 8/17/12	
17 Shaw Approval of Vendor Drawings	1 day Mon 8/20/12 Mon 8/20/12	
18 SVE Fabrication	66 days Mon 8/13/12 Mon 11/12/12	
19 SVE System Delivery	1 day Thu 11/29/12 Thu 11/29/12	
20 SVE Utilities 21 Preperation of Utility and Site Plan	95 days Fri 2/3/12 Thu 6/14/12 90 days Fri 2/3/12 Thu 6/7/12	
Preperation of Utility and Site Plan Submission of Utility and Site Plan	90 days Fn 2/3/12 Thu 6/7/12 0 days Thu 6/7/12 Thu 6/7/12	
22 Submission of during and Site Plan	5 days Fri 6/8/12 Thu 6/14/12	
24 SVE Design Plan	158 days Mon 7/9/12 Fri 1/25/13	
25 V Prepare SVE Design Plan	16 days Mon 7/9/12 Fri 9/7/12	
26 Submit SVE Desing Plan to USACE and KAFB	0 days Fri 9/7/12 Fri 9/7/12	
27 VSACE and KAFB review of SVE Design Plan	6 days Mon 9/10/12 Mon 9/17/12	
28 Veeting with NMED with preliminary design	1 day Wed 9/19/12 Wed 9/19/12	e 100%
29 Final SVE design plan to NMED	28 days Fri 11/2/12 Wed 12/5/12	
30 Deliver Final SVE design plan to NMED	1 day Tue 12/4/12 Tue 12/4/12	
31 NMED review of Final SVE Design Plan	45 days Wed 12/5/12 Fri 1/25/13	
32 NMED Approval of Final SVE Design Plan	0 days Fri 1/25/13 Fri 1/25/13	
33 Construction of SVE System	70 days Tue 10/30/12 Fri 1/18/13	
34 Concrete pad construction	24 days Tue 10/30/12 Wed 11/28/12 63 days Tue 10/30/12 Thu 1/10/13	
35 Eletrical 41 Natural Gas	63 days Tue 10/30/12 Thu 1/10/13 21 days Fri 11/30/12 Thu 12/20/12	
46 Condensate Tank	7 days Fri 12/28/12 Sat 1/5/13	
49 Fencing installation	5 days Mon 12/31/12 Sat 1/5/13	
50 III HDPE piping and system connections	22 days Mon 12/17/12 Fri 1/11/13	
51 HPLC programming and system testing	10 days Tue 1/8/13 Fri 1/18/13	
52 System Operation Begins	0 days Fri 1/18/13 Fri 1/18/13	
53 Air Permit	486 days Thu 11/3/11 Mon 8/26/13	
54 V Prepare Emergency Air Permit	118 days Thu 11/3/11 Mon 4/16/12	
55 Submit Emergency Air Permit to AEHD	0 days Mon 4/16/12 Mon 4/16/12	
56 AEHD review of Emergency Air Permit	76 days Tue 5/22/12 Tue 9/4/12	
57 AEHD approval of Emergency Air Permit	0 days Fri 8/31/12 Fri 8/31/12	
58 Prepare Air Permit Modification	45 days Wed 1/9/13 Mon 3/11/13	
59 KAFB Review of Air Permit Modification	20 days Wed 1/9/13 Mon 2/4/13	
60 Staffing for Commander Signature 61 Submit Air Permit Mod to AEHD	14 days Wed 2/20/13 Mon 3/11/13 0 days Mon 3/11/13 Mon 3/11/13	
62 AEHD review of Air Permit Modification	120 days Tue 3/12/13 Mon 8/26/13	
		UPDATED: 9 January 2013 NOT FINAL
Project: SVE Schodule 000052012 Critical	Critical Program	Solit IIIIIIIII Baseline Asseline Milestone A Summary Project Summary Project Summary External Milestone A
Project: SVE Schedule 009052012 Critical Critical Critical Split		Split Internet Baseline Milestone Summary Progress Internet Milestone Summary Progress Internet Milestone In
		Page 1