

Kieling, John, NMENV

From: Migdal, Walter SPA <Walter.Migdal@usace.army.mil>
Sent: Friday, December 21, 2012 2:19 PM
To: Moats, William, NMENV
Cc: Kieling, John, NMENV
Subject: KAFB Bulk Fuels Weekly Activity Report Attached
Attachments: Weekly Activity Report 19 December 2012 (3).pdf; SVE Schedule 12202012.pdf

Will,

There will not be a WAR next week due to the holidays. Have a great Christmas!

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

Current Week: 12 December – 19 December 2012

- 12 December – 19 December 2012: – Continued operation of SVE units (RSI internal combustion engine units) at ST-106 (manifold), KAFB-106149, KAFB-106160, and KAFB-106161
- 12 December – 19 December 2012: Continued HDPE piping construction for SVE treatment system
- 12 December – 19 December 2012: Continued electrical installation for SVE treatment system
- 12 December – 19 December 2012: Continued construction and installation of natural gas utility for the SVE treatment system
- ✓ 12 December – 19 December 2012: Completed 4th Quarter 2012 soil vapor monitoring
- ✓ 12 December – 19 December 2012: Completed well development and slug testing at KAFB-106160 and KAFB-106161
- ✓ 17 December 2012: Submitted data letter reporting analytical results for 9 additional groundwater monitoring wells

During a preliminary equipment inspection conducted on the new thermal oxidizing catalyst SVE treatment system skids, Shaw identified system components that were not constructed in compliance with state and federal regulations. These components were part of the manufactured blower skid. The correct components have been ordered and require shipment to the project site. Due to the limited availability of the components, and shipping delays associated with the upcoming holidays, there is a delay in the startup of the SVE treatment system. The revised start of operation is reported in the attached schedule.

	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)

4th Quarter Pre-Remedy Monitoring				
	Number Sampled	Total	Percent Complete	Notes
Groundwater Monitoring Wells ^a	115	117	98.3%	Well KAFB-10612 cannot be sampled due to failed pump; KAFB-106041 is a dry well
Soil Vapor Monitoring Wells	287	287	100%	
Production Wells	3	4	75%	Pump at KAFB 16 is not operational; sample cannot be collected

^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. 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 19 December – 26 December 2012

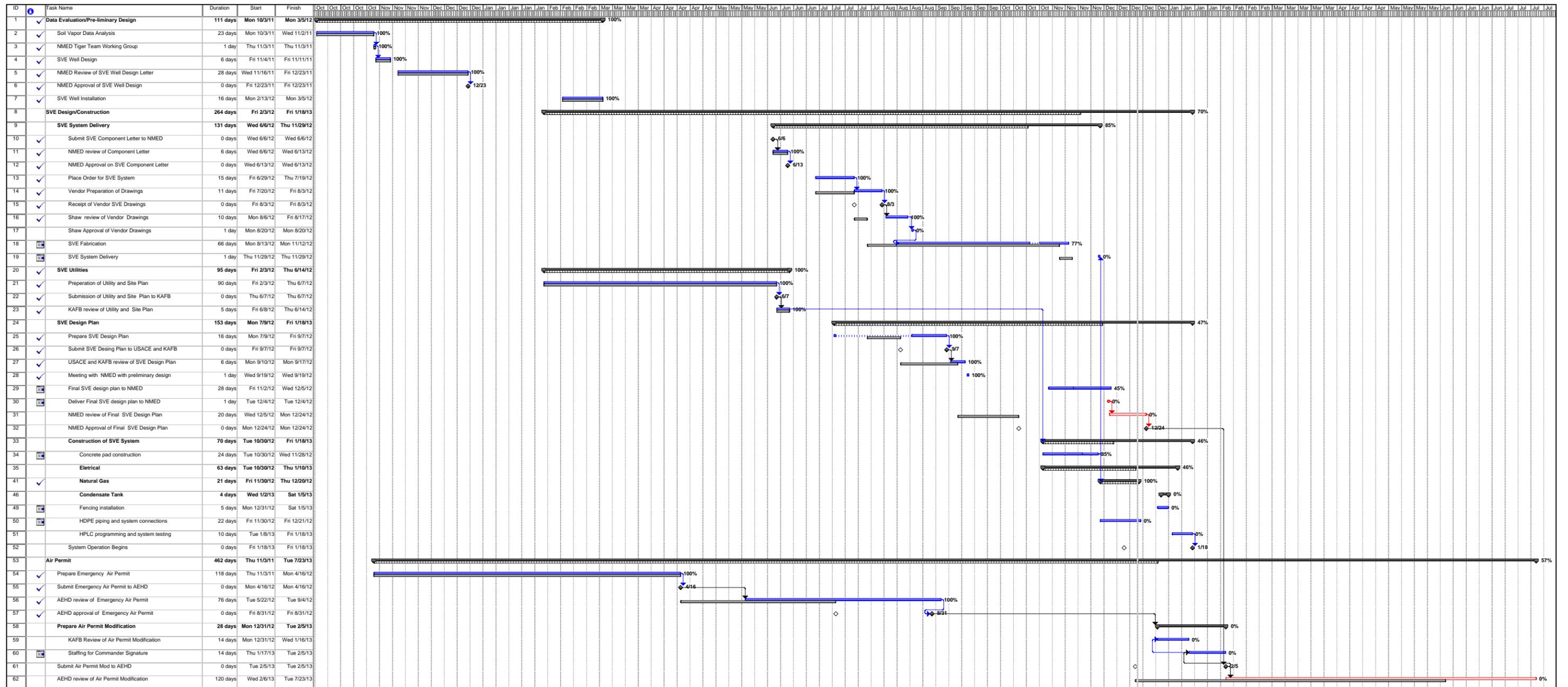
- 21 December 2012: Shutdown SVE Units 344 and 345 in order to make final well head connections for SVE treatment systems
- 21 December 2012: Shutdown SVE Units 249 and 335 in order to collect background data prior to startup of SVE treatment system and system radius of influence testing
- Continue electrical utility (electrical pull, terminations, and test) installation for SVE treatment system
- Complete HDPE piping construction and installation for SVE treatment system
- Complete installation and construction of natural gas utility for the SVE treatment system
- Deliver 3rd Quarter 2012 Report to the NMED
- Deliver In-Well Treatment Interim Measure Plan Part I to NMED

Month Ahead:

- Begin First Quarter 2013 water level measurement and groundwater monitoring sampling
- Resume operation of SVE Units 249 and 335
- Complete electrical utility
- Begin Operation of SVE treatment system
- Submit 3rd Quarter 2012 Report to the NMED
- Begin operation 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 – 7 February 2013



UPDATED: 20 December 2012
NOT FINAL