

Kieling, John, NMENV

From: McBee, John SPA <John.M.McBee@usace.army.mil>
Sent: Saturday, June 28, 2014 4:45 PM
To: Kieling, John, NMENV; Cobrain, Dave, NMENV; Reuter, Stephen, NMENV; Brandwein, Sid, NMENV; Longmire, Patrick, NMENV; McQuillan, Dennis, NMENV
Subject: KAFB Bulk Fuels Weekly Activity Report -25 June 2014 (UNCLASSIFIED)
Attachments: Weekly Status Report 25 June 14.pdf

Classification: UNCLASSIFIED

Caveats: NONE

FYI

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Caveats: NONE

WEEKLY STATUS REPORT: Kirtland AFB Bulk Fuels Facility (25 June 2014)

PATH FORWARD

TASK 1: SVE Expansion Interim Measure Due Date: **31 March 2014** – COMPLETE

TASK 2: LNAPL Interim Measure (Air Sparge/SVE IM) Milestone Date: **30 June 2014**

- **4 June 2014 – 15 June 2014:** Install Air Sparge/SVE well
- **16 June 2014 – 29 June 2014:** Install Air Sparge blower; SVE system and system testing
- **30 June 2014:** System Startup

TASK 3: Dissolved Phase EDB Interim Measure Milestone Date: **31 December 2014**

- **09 June 2014:** NMED disapproved EDB IM white paper for Kirtland well KAFB-3 capture of plume. Requested Work Plan submittal by 30 June 2014 with alternative proposed IM; not achievable.
- **11 June 2014:** Meeting with NMED/AEHD/WUA/AF/USACE. Discussed parameters for success for selection of EDB IM to meet 31 December milestone.
- **18 June 2014 – 30 July 2014:** Preparation of EDB IM Work Plan – AF, USACE review & transmittal; permitting.
- **30 July 2014 – 1 August 2014:** NMED review final EDB IM Work Plan
- **Gate—1 August 2014:** NMED approval of final EDB IM Work Plan

TASK 4: Expansion of SVE System (Phase 4) Target Date: 12 Dec 2014

Enlargement of existing system (5 wells) to include 4 additional wells (to be drilled) that will expand area of extraction, increase efficiency of operation, and remove hydrocarbons at a higher rate in the unsaturated zone.

- **14 May 2014:** SVE Basis of Design – No comments have been received. CB&I is moving ahead with Work Plan, which is a RCRA related document. In Stakeholder Working Group meeting (25 Jun 2014), NMED stated that Basis of Design comments would be sent to AF by 27 June.
- **6 June 2014 to 15 July 2014:** Prepare SVE Expansion Work Plan. Schedule may be affected by content of NMED comments, when received.
- **15 July 2014 to 6 August 2014:** KAFB/USACE review; revise and transmit
- **6 August 2014 to 20 August 2014:** NMED review of SVE Expansion Work Plan
- **Gate—20 August 2014:** NMED approval of final SVE Expansion Work Plan
- **Gate—10 October 2014:** AEHD approval of Air Permit
- **12 December 2014 :** Full system operation begins

TASK 5: LNAPL *In-Situ* Anaerobic Remediation Interim Measure: Milestone Date: NA

- **15 Apr – 15 September 2014:** Submit revised LNAPL Pilot Treatment Work Plan to KAFB, USACE and NMED for review
- **Gate – 30 September 2014:** NMED approval of revised Pilot Treatment Work Plan
- **October 2014:** Begin Pilot Treatment (tracer injection)
- **December 2014:** Begin amendment injection

RCRA COMPLIANCE / CURRENT INTERIM MEASURES

- 1) RCRA Facility Investigation (RFI) – submitted 31 March 2014 to NMED: In review – projected completion 30 July 2014. Funding and award of Optional CLINs for Corrective Measures Evaluation preparation is in process.
- 2) Vadose Zone Interim Measures
Former Fuel Off-loading Rack (FFOR) Soil Remediation
 - 25 June – 21 August 2014: Excavation and soil disposal.
- 3) Existing SVE System
 - ✓ 11 June 2014: Submitted letter to AEHD withdrawing air permit application for CATOX by this date with continued operation under emergency permit until new system is operational
 - 26 June 2014: Quarterly stack testing scheduled to start for CATOX SVE

Current week: 18 – 25 June 2014

- Continued Second Quarter CY 2014 soil vapor sampling
- Began quarterly emissions testing at CATOX SVE
- Mobilized equipment for FFOR excavation
- Air Sparge/SVE Interim Measure
 - ✓ Completed installation of AS/SVE well
 - ✓ Completed hook up of Air Sparge/SVE system