

Kieling, John, NMENV

From: McBee, John SPA <John.M.McBee@usace.army.mil>
Sent: Monday, June 16, 2014 9:50 AM
To: Kieling, John, NMENV; Cobrain, Dave, NMENV; Reuter, Stephen, NMENV; Brandwein, Sid, NMENV; Longmire, Patrick, NMENV
Subject: KAFB Bulk Fuels Weekly Activity Report -11 June 2014 (UNCLASSIFIED)
Attachments: Weekly Status Report 11 June 14 BFF.pdf

Classification: UNCLASSIFIED

Caveats: NONE

FYI

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Caveats: NONE

WEEKLY STATUS REPORT: Kirtland AFB Bulk Fuels Facility (11 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**

- **Gate – 7 May 2014:** Selection of EDB IM remedy – not resolved as of 11 June.
- **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.
- **10 June 2014:** Meeting with NMED/AEHD/WUA/AF/USACE. Discussed parameters for success for selection of EDB IM to meet 31 December milestone.
- CB&I will prepare work plan with proposed EDB IM for review by AF and USACE for submittal to NMED, and revise schedule for implementation.

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 submitted – No comments have been received. CB&I is moving ahead with Work Plan, which is a RCRA related document.
- **6 June 2014 to 15 July 2014:** Prepare SVE Expansion Work Plan. CB&I will accelerate preparation to complete by late-June; schedule will be revised.
- **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

- ✓ **2 May 2014:** Submitted Treatability Test Work Plan to NMED.
- ✓ **5 May 2014:** NMED approval of Treatability Test Work Plan; received email approval 6 May.

- **15 September 2014:** Submit revised LNAPL Pilot Treatment Work Plan to KAFB, USACE and NMED for review
- **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. Need funding and award of Optional CLINs for Corrective Measures Evaluation preparation; in process.
- 2) Vadose Zone Interim Measures
Former Fuel Off-loading Rack (FFOR) Soil Remediation
 - March – June 2014: Prepare excavation plan/procurement for excavation
 - June – August 2014: Excavation and soil disposal. Start date – 25 June
- 3) Existing SVE System
 - ✓ 14 April 2014: AEHD ruled application incomplete. Letter received 28 April 2014 requesting updated emissions data within 45 days.
 - 12 June 2014: Submit letter to AEHD withdrawing air permit application for CATOX by this date with continued operation under emergency permit until new system is operational

Current week: 4 – 11 June 2014

- ▶ Continued Second Quarter CY 2014 groundwater sampling
- ▶ Continued Second Quarter CY 2014 soil vapor sampling
- ▶ Air Sparge/SVE Interim Measure
 - ✓ Continued installation of AS/SVE well