Crysler, Ruby

From: Krause, Michael <michael.krause@aecom.com>
Sent: Wednesday, July 20, 2016 6:06 PM
To: Wight, Brian; Crysler, Ruby; Jacqueline Grunau (jgrunau@kdheks.gov); Sansom, Andrea NWO; KNIGHT, COLE D GS-11 USAF AMC 22 CES/CEAN (cole.knight@us.af.mil); BLAIR, SHELDON M CTR USAF AMC 22 CES/CEIE; Chung H. Yen (chung.yen.1@us.af.mil); Cynthia Cash; HAMLETT, PAMELA P GS-13 USAF HAF AFCEC/CZTE; Mark D. Wichman (mark.d.wichman@usace.army.mil)
Cc: Jorgenson, Denny; AGUDELO, JAIME A GS-14 USAF AFMC CZR (jaime.agudelo@us.af.mil)
Subject: McConnell AFB PBR: 12 July Project Status Meeting Minutes
Attachments: 12JUL16_Regulator Project Status Meeting Mins.pdf

Categories: Record Saved - Shared

Please find the minutes from the referenced meeting. Let us know if you have any questions.

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-----Original Appointment-----
From: Wight, Brian
Sent: Tuesday, June 28, 2016 1:18 PM
To: Wight, Brian; Ruby Crysler (Crysler.Ruby@epamail.epa.gov); Jacqueline Grunau (jgrunau@kdheks.gov); Sansom, Andrea NWO; KNIGHT, COLE D GS-11 USAF AMC 22 CES/CEAN (cole.knight@us.af.mil); BLAIR, SHELDON M CTR USAF AMC 22 CES/CEIE; Krause, Michael; Chung H. Yen (chung.yen.1@us.af.mil); Cynthia Cash; HAMLETT, PAMELA P GS-13 USAF HAF AFCEC/CZTE; Mark D. Wichman (mark.d.wichman@usace.army.mil)
Cc: Jorgenson, Denny; AGUDELO, JAIME A GS-14 USAF AFMC CZR (jaime.agudelo@us.af.mil)
Subject: McConnell AFB PBR: Project Status Meeting
When: Tuesday, July 12, 2016 1:00 PM-4:00 PM (UTC-06:00) Central Time (US & Canada).
Where: EPA Region 7
All,
Meeting to discuss the McCo0nnell AFB PBR project status. Call in number has been established for those that cannot attend in person (see below). An agenda will be transmitted a few days before the meeting. Please confirm your availability top participate in this meeting by responding to this invitation.

574520

Call in number – 888.369.1427
Code – 8356580
Thanks
Brian

McConnell AFB PBR
Project Status Meeting Minutes

Meeting Date: 12 July 2016

Meeting Time: ~1300 to 1530 hrs.

Participants:

Ruby Crysler, EPA
Ann Jacobs, EPA
Jacqueline Grunau, KDHE
Brian Wight, URS Group, Inc.
Mike Krause, URS Group, Inc.
Chung Yen, AFCEC (phone)
Cole Knight, McConnell AFB (phone)
Sheldon Blair, McConnell AFB (phone)
Mark Wichman, USACE (phone)
Andrea Sansom, USACE (phone)

These minutes document the discussions during the McConnell Air Force Base (AFB) Performance Based Remediation (PBR) project status meeting held from about 1300 hours to 1530 hours on 12 July 2016 at Environmental Protection Agency (EPA) Region 7.

ID636 VI analysis

- EPA agreed that the current risk at the site from vapor intrusion is acceptable.
- EPA agreed that we would use a groundwater temperature of 14 degrees C
- EPA reviews TCE separately. Limits for indoor air concentration are 6 $\mu g/m^3$ for industrial and 2 $\mu g/m^3$ for residential. EPA will calculate the maximum concentration of TCE in groundwater that will result in the residential concentration in air

OW627 Revised Risk Analysis

- EPA agreed that removal of the soil to a depth of two feet surrounding direct push points DP06, DP15, and DP28 results in an acceptable remaining risk at the site based on the numbers presented in the table
- The report must provide the detail for how the numbers in the table were generated
- The borrow source should be sampled and the analytical data included in the risk analysis
- The excavation will take place in the next couple of weeks and the report will be submitted in the fall 2016
- Exposure point concentrations will be used to obtain the median exposure throughout the site

OW041 Building 9 Data

- Discussed the data received from the new KDHE TPH method, but do not have data from the old method collected at the same time. The wells will be re-sampled to collect all the data for comparison.
- Results do not appear to change the boundaries of the TPH plume

- EPA and KDHE requested that an additional monitoring well be installed within the plume, just outside and in the center of the south wall of Building 9
- Investigation report will be submitted following receipt of the TPH sample results

OW026 Data

- Discussed the data received from the new KDHE TPH method, but do not have data from the old method collected at the same time. The wells will be re-sampled to collect all the data for comparison.
- OW026 TCE and PCE plumes are now shown combined with OT547. The OW026 portion will be treated with ISCO and the OT547 plume will be treated with ISCR
- Investigation report will be submitted following receipt of the TPH sample results

Mitigation Injection TMs for TU036, SS001, and ST017

- KDHE submitted minor comments, most notably that they do not want these submitted as For Information Only.
- EPA has also reviewed and will provide minor comments
- The injection wells installed at ST017 and SS001 will not be used for mitigation injections and will be abandoned as time permits
- EPA asked if we had identified an alternate oxidant for use near the fuel lines at SS001. EPA would like to see approach for these areas sooner rather than later

OT547 Data Gaps Study Report (draft 6/27)

- EPA and KDHE acknowledged receipt of the report and are reviewing

Investigation Report Status for SS548, OW026, and OW041

- These reports are in progress and are waiting on results from the new TPH sampling. Reports will be available to the USACE and AF for review in the next month or so.

IM WP Status

- SS003, LF011, and OT547 will have standalone WPs and are currently in USACE/AF review. These injections are scheduled to begin in September. URS will prioritize the WP review to get an injection crew started.
- The WP for OW041, OW026, and SS548 will be combined and will be submitted in September with injections beginning in approximately November following completion of the mitigation injections

How long for duplicate TPH analysis

- Correlation between old and new is not very predictable based on early data

- Will eventually only use new method – KDHE will check on how much duplicate data they will require

Confirm duplicate TPH analysis completed in Sept 2016 for sites LF034, SS044, OT547, OW633, and TU036

- KDHE and EPA agreed with the addition of the few monitoring wells at SS003

CMS WP recall letters – what about the Investigation Sections? (SS548, OT547, ST017)

- Create a tech memo style WP that includes the information in this section of the CMS WP, then recall the CMS WP

Confirm that the Base Wide Groundwater Monitoring Plan will include semi-annual sampling at OT547 and OW633

- EPA and KDHE agreed that the Base Wide Groundwater Monitoring Plan will include semi-annual sampling at OT547 and OW633

Documents Priority List Review

- Documents have been removed as discussed in the last meeting
- URS suggested that EPA and KDHE consider discussing with their management the potential to have either KDHE or EPA be the lead reviewer and not require review by both agencies for documents that were transmitted for review several months ago and other work has been completed after these documents were transmitted. This would streamline the review process. For example, A Draft Data Gaps Study Report has been issued for ST017 and an IM injection was completed after the Draft Data Gaps Study Report was transmitted. The data and injection plan has been discussed in several meetings.

SS544 SWMU 207 RFI Report Status

- EPA and KDHE both are continuing to review the RFI report and will have comments shortly

Remedy Proposal TM – working copy review

- In the corrective action objectives section, state that the objective is for site closure – unlimited use / unrestricted exposure. Include all media of concern (soil, groundwater and/or vapor intrusion)
- In the site operational history be sure to include current and future use
- Can reduce the previous investigations section to describe general classes of chemicals and in what specific media and reference the investigation report
- Add mitigation injections where appropriate to the Implementation activities section
- Add a statement to the Institutional Controls section that the site will be removed from the ICIP once the RAOs have been achieved

- Insert a section for Remedial Action Objectives (RAOs) prior to the Proposed Remedy Selection section. Discuss RAOs by media
- In the cost discussion, focus on future costs such as monitoring well maintenance, and mitigation injections
- Trigger values for mitigation should relate back to the RAOs and could include geo-chemical parameters or COC concentrations or trends
- Contingency actions are considered a significant change or new remedy including expansion of the treatment area
- Triggers for contingency actions could include not achieving RAOs, not responding to mitigation injections, plume migration, or changes in site use
- The section titled Evaluation of Current and Future Site Risks will be modified to evaluation of site risks to current and future receptors using a streamlined risk assessment approach
- The working copy will be modified to incorporate these changes and then will be transmitted to all stakeholders for review as a "template"

Other

- The Base wide groundwater monitoring plan should include a notification to EPA and KDHE if a monitoring well is damaged or destroyed
- KDHE requested that we include some photographs of remediation activities in our reports were appropriate, such as during excavation activities and injections, especially day lighting
- The next meeting will be held on 25 July 2016 at EPA Region 7 and potential topics include discussion of the information needed to move additional sites to a Statement of Basis and continuing discussions on ongoing fieldwork and the fall injections.