

St. Juliens Creek Annex Partnering Team Meeting Minutes: December 13, 2006

Attendees: Agnes Sullivan/NAVFAC MID LANT
Josh Barber/EPA (Region III)
Karen Doran/VDEQ
Kim Henderson/CH2M HILL
Janna Staszak/CH2M HILL

Tier II Link: Doug Dronfield/CH2M HILL

Guests: None

From: Janna Staszak/CH2M HILL

Date: December 13, 2006

Location: Hall of States, Washington DC

Wednesday, December 13, 2006

1130 Welcome/Check In

Roles and Responsibilities for this meeting:

Meeting Manager: Karen Doran
Timekeeper/Gatekeeper: Josh Barber
Host: Agnes Sullivan
Goalkeeper: Agnes Sullivan
Facilitator: Kim Henderson
Recorder: Janna Staszak

Ground Rules

I. Review Agenda, Meeting Minutes, Action Items, and Parking Lot from the Previous Meeting

Review Agenda: No changes were made to the agenda.

Review Meeting Minutes: The draft August meeting minutes were left in the Parking Lot.

Review Action Items: The action items from the August meeting were reviewed.

II. Site 19 Closeout/No Further Action Signature

Objective: Obtain team consensus (signatures) to close Site 19 with no further action (NFA).

Overview of Discussion: Navy, EPA, and VDEQ signed the signature sheet for the Site 19 Closeout Report.

Path Forward: CH2M HILL will distribute final copies, including pdf with signatures, after the meeting.

III. Site 5 EE/CA, Action Memorandum, and Shallow Groundwater

Objective: Discuss comments on the Draft Final Engineering Evaluation/Cost Analysis (EE/CA); discuss the status of the Action Memorandum; discuss the path forward for shallow groundwater.

Overview of Discussion: Copies of the presentation were provided. Janna reviewed the objectives of the presentation and distributed the response to comments for the Site 5 EE/CA. The team reviewed the VDEQ, EPA, and BTAG comments, making changes as appropriate. Due to time constraints of the meeting, the shallow groundwater discussion was postponed until the next partnering meeting.

Path forward: The Response to Comments will be distributed to the team on December 18 for acceptance by December 22. A red-line version of the draft final EE/CA will follow for team acceptance by January 5. The public review period will then be conducted from January 15 through February 14. Assuming no significant public comments are received, the Final EE/CA will be submitted February 23. The Action Memorandum will then be finalized and submitted for Navy approval.

IV. Site 21 Additional Investigation

Objective: Present the preliminary results of the Site 21 investigation activities and plan the path forward for the site.

Overview of Discussion: Copies of the presentation were provided. Kim reviewed the site background and each of the investigation objectives, along with the actions performed to meet the objectives and the results. Based on the preliminary review of the results, data gaps remain and will need to be addressed prior to treatment. The northwestern and northeastern portions of the plume have not yet been defined. A technical memorandum work plan will be prepared to plan additional investigation activities.

Kim then reviewed the initial evaluation of the remediation technologies. The CVOC hotspots have higher concentrations (possibly indicating the presence of DNAPL) and are of greater extent than were previously thought. The original treatment plan was to use ERD, which is a lengthy treatment and requires repeated injection events. Based on the new data, a more aggressive treatment train is recommended. In-situ chemical reduction (ISCR) with zero-valent iron (ZVI) and in situ chemical oxidation (ISCO) were evaluated for the source area and ERD was evaluated for the dissolved phase plume. Kim presented a table evaluating the advantages and disadvantages of the options.

Josh recommends evaluating Soy Gold, which is being used at ABL Range Road Area.

Action Janna/Kim: Send team the validated data for Site 21 and an updated figure.

Action Team: Look into applicable remedial technologies for Site 21 treatability study prior to January/February meeting.

Path forward: Storm sewer survey will be completed. The data gap investigation will be planned and a technical memorandum work plan will be submitted for expedited review.

The Supplemental Site Investigation Report will be postponed until after the additional investigation activities are completed.

IV. Roundtable

RAB Minutes: Janna asked the team to review the minutes and let her know if they can be posted to the web site. Josh indicated he has no comments.

Action Agnes/Karen: Review the RAB Minutes and provide comments by December 22.

VDEQ Management: Robert Weld has accepted a new position within VDEQ and has been replaced by Chris Evans (formerly Brownfields).

NAVFAC consolidation: CNRMA and MIDLANT are merging their environmental departments, as soon as February but as late as October. The combined agency will be NAVFAC MIDLANT. The Installation Restoration program is not anticipated to have significant impacts.

V. Schedule and FY 2007 Team Goals Update

Schedule: The Schedule was updated and is included as a separate file.

Action Josh & Karen: Submit comments on the Draft Deep Groundwater Pump Test Technical Memorandum by December 20.

FY2007 Team Goals: The FY2007 Goals were updated, included as an attachment, and will be posted on the Virginia/Maryland Joint IR Teams web site.

VI. Tier II Update

Doug Dronfield provided the Tier II update by phone:

Tier II: Meeting delayed until January.

FY2007 Goals: Goals are posted and up-to-date.

Tier II Web Site: Doug asked how frequently the team uses the Tier II web site. Kim has used it to look up guidance documents and references. Other than that, the rest of the team does not use it. Doug suggested the team take a look at the site, which serves to communicate new information/agency directives to the teams.

Action Team: Verify you have access to the Tier II web site. Notify Kim if you don't.

EPA Metrics: Environmental Indicators are a hot topic. SJCA has a "yes" for human exposure, but "insignificant data" for groundwater under control.

VII. Agenda Building – January/February Meeting Agenda

<u>Topic</u>	<u>Goal</u>	<u>Lead</u>	<u>Time</u>
Site 2 Dynamic Work Plan	Present & discuss the dynamic work plan	Kim	1 hr

Site 5 Groundwater & Action Memorandum	Discuss data from recent sampling rounds & path forward for shallow groundwater. Review the Action Memorandum.	Janna	1.25 hrs
Site 21 Additional Investigation & Treatability Study	Discuss work plan for additional investigation, results of storm sewer survey, and preliminary review of treatability study technologies.	Kim or Janna	1.5 hrs
Site 4 Groundwater Results	Present data from first round of groundwater monitoring.	Kim	30 min
Roundtable	Open	Team	30 min
Technical Topic: Dechlorination using bioaugmentation	Educate the team.	Agnes	30 min
Partnering Activity	Improve team working relationship	Team	1 hr

Next meeting: January 31 & February 1, 2007

Location: VDEQ, Richmond, VA

Lodging: TBD, Richmond, VA

Start time: 9:00 AM

Finish time: 3:00 PM

Chair: Kim Henderson

Host: Karen Doran

Timekeeper: Josh Barber

Goal Keeper: Agnes Sullivan

Recorder: Janna Staszak

Facilitator: Agnes Sullivan

Tier II: TBD

Guests:

Pre-Meeting Agenda Conference Call: 2:00 PM on January 22, 2007

VIII. Future Meetings Schedule

March 21 - 22, 2007

Philadelphia, PA

May 8 - 9, 2007

Virginia Beach or Norfolk, VA? w/RAB (May 7) (full day May 8, half day May 9)

Action Agnes: Reserve Major Hillard Library meeting room on May 7, 5:00 PM until 8:00 PM.

IX. Meeting Evaluation

Kim provided facilitator feedback. During the Partnering Session, the Team filled in "+" and "Δ" to list the positives and negatives of the meeting.

Consensus: The team agrees to accept these meetings for the December 2006 meeting as final. The final minutes will be posted on the Virginia/Maryland Joint Installation Restoration (IR) Teams web site.

X. Parking Lot

- Incorporate Environmental Indicators into FY2007 Goals

- Site 4 groundwater monitoring during the 5-year review
- August draft meeting minutes
- Consensus statements for final documents