

St. Juliens Creek Annex Partnering Team Meeting Minutes: May 17 - 18, 2007

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: Tim Reisch/NAVFAC MID LANT

Guests: Dave Leadenham/Agviq (Agviq/CH2M HILL JV)
Lee Kellam/CH2M HILL (Agviq/CH2M HILL JV)

From: Janna Staszak/CH2M HILL

Date: May 18, 2007

Location: CH2M HILL, Philadelphia, Pennsylvania

Thursday, May 17, 2007

0830 Welcome/Check In

Roles and Responsibilities for this meeting:

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

Ground Rules

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

Review Agenda: The Site 2 topic and site visit were moved to the morning due to the weather. Site 4, Site 21, and the Roundtable were moved to the afternoon.

Review Meeting Minutes: Not applicable (no outstanding minutes).

Review Parking Lot: Parking Lot items were reviewed.

- Environmental Indicators: Josh will look into how Environmental Indicators under control can be achieved in FY08.
- Site 4 Groundwater Monitoring at 5-Year Review: Remains in Parking Lot.

- Indoor Air Vapor Intrusion at Site 21: Remains in parking lot.

Review Action Items: The action items were reviewed. The following action item was added:

Action Kim - Give Mr. Mann and eBERA CD.

II. Site 2 Triad Investigation

Objective: Review activities of the Site 2 Triad investigation and prepare/conduct a site visit.

Overview of Discussion: Copies of the presentation and a figure of the site and sample locations were distributed.

Kim briefly reviewed the site background and the Triad investigation activities and objectives. She summarized the activities that had been completed to-date and the remaining activities. The team looked at the MIP results and the preliminary analytical results. The team discussed revising the locations of the piezometers. The piezometer and monitoring well locations will be determined next week after the results of the DPT groundwater and soil samples and the sediment diffusion samplers are completed.

Josh will be out of the office next week. Data should be sent to his personal email address: joshbarber@gmail.com

The team conducted a site visit to observe the activities.

Path Forward: Review data and prepare to make decisions on well locations. The Draft Final Expanded Remedial Investigation Report will be submitted around August 30. A treatability study or feasibility study will follow.

III. Site 4 Groundwater Monitoring

Objective: Present data from the second round (February 2007) of voluntary groundwater monitoring.

Overview of Discussion: Copies of the presentation and data were distributed. Kim reviewed the background of Site 4 and the locations of the monitoring wells. Two of the 8 planned rounds of voluntary groundwater monitoring have been completed. Kim presented, by parameter, the data for the February 2007 and November 2006 data in comparison to the previous results. Kim reviewed the schedule of the site, which includes the next sampling event in May.

Action Agnes - Invite team to next annual inspection.

IV. Site 21 Remedial Investigation Report

Objective: Present format of the RI report and difference from SSI Report.

Overview of Discussion: Copies of the presentation were distributed.

The team discussed the site closeout approach. Josh proposed that the RI and FS be combined into an RI/FS to save time. The team also considered eliminating the treatability study or reducing it to a pilot study, focusing on select areas of the site. A call was scheduled for May 29 to discuss the overall site approach.

Action Kim - Talk with Laura Cook (CH2M HILL) about Site 21 RI/FS to ROD for treatment and LTM/MNA with flexibilities.

Kim reviewed the format of a RI and how it is different from a SI. One difference is that human health risk assessment is performed instead of a human health risk screening. The team discussed indoor air vapor intrusion. Agnes is considering holding off on additional indoor air vapor intrusion evaluation until Navy guidance is finalized. (Existing action item to check on status.) Another difference between a RI and SI is that an ecological risk assessment must be included in the RI. During an ecological risk screening in the SI, it was concluded that no ecological habitat is present at Site 21. There is a potential transport pathway to the surface water at Site 2; however, samples collected do not pose ecological risk, and the Site 2 inlet will be addressed with the Site 2 remedy.

Action Josh - Review the vapor intrusion evaluation in Site 21 SSI report.

Action Team - Consider guests for Site 21 vapor intrusion topic at next partnering meeting.

Action Agnes - Look at NEHAC Draft SSI comments and see if they are overcome by events.

V. Roundtable

RAB: RAB meeting was held May 16. Two community members attended (Bob Mann and Kevin Lew). Agnes would like to present a technical topic at the next meeting.

Action Josh - Follow-up with Linda Baxter regarding her October 2006 presentation to the RAB, during which she indicated she would conduct a PA/SI on St. Juliens Creek.

Meeting Handout Format: Josh suggested that CH2M HILL provide meeting handouts in an orderly, bound fashion. The rest of the team vetoed the suggestion.

Site 20 was closed under CERCLA (and thought to have been transferred to the Navy's range program), but may need to be placed in the MRP or addressed through land use controls.

Action Agnes - Determine the path forward for Site 20.

Streamlined ROD - The Navy is pushing the new streamlined approach for future RODs.

Friday, May 18, 2007

0830 Welcome/Check In

Reviewed Roles and Responsibilities

Reviewed Ground Rules

Reviewed current agenda: The agenda was reviewed; no changes were made.

VI. Tier II Update

Training: The Tier I/Tier II meeting is no longer planned. Training will be tailored to team needs. Attendance of the RITS is encouraged.

RODs and Proposed Plans: Plan ahead. Allow time for EPA legal review of ROD and presentation of Proposed Plans to management prior to public review.

Improved ROD: Cherry Point and Region IV signed a streamlined ROD in September. It has been presented DOD wide, and DOD, DOJ and EPA headquarters support it. EPA Region III hasn't yet formally endorsed the new format. It is up to individual teams whether or not to use the new format.

Success Stories: Partnering brochure is being developed to recognize the team success stories.

VII. Site 5 Groundwater, Hot Spot Delineation, and Removal Action

Objective: Discuss groundwater risk management, plan hot spot delineation, and discuss removal action scope.

Overview of Discussion: Copies of the presentation and a table of data were provided. Kim briefly reviewed the history and status of the site.

Kim reviewed the shallow groundwater risk. RME and CT risk are present at the site for various metals. In addition, there are MCL exceedances for select metals. The team discussed risk management of the metals in groundwater. The waste is likely the source of the metals in groundwater, indicated by the highest concentrations of metals within or downgradient of the waste. The only constituents with CT risk are iron and manganese, but both are below the site background UTLs. Previously, the team had concerns with risk management based solely on CT. Karen indicated she would be okay with using CT in association with several other arguments. Josh will verify this approach is acceptable. Kim reviewed the risk management arguments for each metal.

The team discussed ways to document the risk management of the shallow groundwater. Josh indicated that in a similar situation at ABL, a technical memorandum was used. A groundwater risk assessment technical memorandum will be prepared, and will include the risk management.

Consensus - The team agrees to risk manage shallow groundwater at Site 5 with no further action based on the multiple lines of evidence derived from previous discussions with technical support staff and summarized during the May 2007 partnering meeting. The rationale for risk management will be documented in an Addendum to the Expanded Remedial Investigation.

Janna reviewed the approach for the delineation of the three isolated hot spots and the team reviewed EPA's comments and the responses. The upcoming removal action for the waste/burnt soil area scope was reviewed. The task order has been negotiated and is awaiting funding. An ESS must be submitted to NOSSA and approved prior to initiation of the removal action. The ESS must include the development of an explosive arc. Because the items found previously at Site 5 were non-fragmenting, NOSSA guidance in establishing the greatest fragmentation distance has been requested. The ESS will be submitted after the arc is determined.

Path forward: The hot spot delineation will be conducted in mid-June. The ESS will be submitted ASAP, pending NOSSA guidance. The team goal for the Draft Removal Action Work Plan is September 30 and should be met, pending funding.

VIII. Agviq – CH2M HILL Joint Venture

Overview: Copies of the presentation were distributed. Dave Leadenham and Lee Kellam presented an overview of the Agviq-CH2M HILL Joint Venture, including the background of Agviq and the partnership.

IX. Schedule and FY 2007 Team Goals Update

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

Action Karen – Review Site 2 Triad Work Plan, Site 5 EE/CA, Site 5 Action Memorandum, and Site 5 Hot Spot Delineation Work Plan change pages and send concurrence letter to team by May 31, 2007.

FY 2007 Team Goals: The FY 2007 Goals were updated, included as an attachment, and will be posted on the Virginia/Maryland Joint IR Teams web site.

VIII. Agenda Building – July Meeting Agenda

<u>Topic</u>	<u>Goal</u>	<u>Lead</u>	<u>Time</u>
Site 21 Vapor Intrusion Evaluation	Discuss the vapor intrusion evaluation process and determine the path forward for Site 21 buildings.	Kim/Tech support	1 hr
Site 20 Future Path Forward	Determine the path forward for Site 20.	Agnes/Kim	0.75 hr
Streamlined ROD	Introduce team to new ROD format	Kim	0.75 hr
<i>Site Status Update</i>	<i>Familiarize EPA contractor with SJCA.</i>	<i>Josh</i>	<i>0.5 hr</i>
Site 2 Triad Investigation Preliminary Results	Review the findings of the Site 2 investigation and path forward.	Janna	1 hr
Site 5 ERI Addendum	Present findings of Site 5 risk assessment and risk management argument.	Kim	1 hr
Draft SMP Comment Resolution	Resolve any comments on the Draft SMP.	Janna	0.5 hr
Roundtable	Open	Team	0.5 hr
Technical Topic: Dechlorination using bioaugmentation	Educate the team.	Agnes	0.5 hr
Partnering Activity	Improve team working relationship or entrance/exit activities	Team	0.5 hr

Next meeting: July 18 - 19, 2007

Location: VDEQ, Richmond, Virginia

Lodging: TBD (Crowne Plaza?)

Start time: 9:30 AM

Finish time: 4:00 PM

Chair: Karen Doran

Host: Karen Doran

Timekeeper: Josh Barber

Goal Keeper: Agnes Sullivan

Recorder: Janna Staszak

Facilitator: Kim Henderson

Tier II: TBD

Guests: Vapor Intrusion guests?

Pre-Meeting Agenda Conference Call: 10:00 AM on July 12, 2007

Action Karen – Change conference room date, check with Durwood about Tier II, and send Janna the meeting information.

IX. Future Meetings Schedule

September 18 – 19, 2007 Philadelphia, Pennsylvania

November 13 – 14, 2007 Tidewater, Virginia

January 23 – 24, 2008 Richmond, Virginia or Alexandria, VA

X. Meeting Evaluation

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

XI. Parking Lot

- Incorporate Environmental Indicators into FY2008 Goals
- Site 4 groundwater monitoring during the 5-year review

Consensus: The team agrees to accept these meeting minutes for the May 2007 meeting as final. The final minutes will be posted on the Virginia/Maryland Joint Installation Restoration (IR) Teams web site.