



THE MEMPHIS DEPOT TENNESSEE

ADMINISTRATIVE RECORD COVER SHEET

AR File Number 580

BRAC Cleanup Team

Meeting Minutes

January 20, 2000

Attendees

Name	Organization	Phone
Shawn Phillips	Depot	(901) 544-0611
Turpin Ballard	EPA Region IV	(404) 562-8553
Jordan English	TDEC-DSF	(901) 368-7953
Brian Deeken	TDEC-DSF	(901) 368-7955
Jim Morrison	TDEC-DSF	(901) 368-7958
Denise K. Cooper	Depot	(901) 544-0610
Dorothy Richards	CEHNC	(256) 895-1463
Steve Dunn	CEHNC-OE-OC-C	(256) 895-1144
Scott Bradley	CEHNC	(256) 895-1637
John Rollyson	CESAM-CD-TA	(931) 455-6771
Kurt Braun	CESAM-PM-TA	(334) 690-3415
Greg Underberg	CH2M Hill	(423) 483-9032
Vijaya Mylavarapu	CH2M Hill/Gainesville	(352) 335-7991
David Lane	CH2M Hill/Gainesville	(352) 335-7991
Benjamin Moore	ATSDR	(404) 562-1784
Trevor Smith Diggins	Frontline	(888) 848-9898
John DeBack	Depot	(901) 544-0622
Jim Covington	Depot Redevelopment Corporation	(901) 942-4939
Gene Burr	Depot Redevelopment Corporation	(901) 942-4939
Ken Williams	USACE-Memphis	(901) 544-3113
Drew Cohn	USACE-Memphis	(901) 544-0722
Elizabeth Bowman	USACE-Memphis	(901) 544-0761

Review of Previous Meeting Minutes

The BCT discussed, approved and signed the December meeting minutes.

Open Action Items Review

The BCT and project team reviewed the action item list. The attached action item list provides updates or completion dates to the existing action items and provides action items from the January BCT meeting.

Project Status Review

Interim Remedial Action for Groundwater Phase IIA - Additional Onsite Recovery Wells

Mr. Kurt Braun said that Sverdrup was provided the design for the additional wells' piping system, and that he anticipated the task order to be awarded to Sverdrup within 60 days. Mr. Braun also commented that he, Sverdrup, Mr. Steve Dunn and UXB International had, and will continue, to coordinate the piping system installation and the CWM removal action activities. Mr. Greg Underberg described a problem with one well producing very low recovery rates. Installation of a pump in this well will be optional depending on the saturated thickness that is achieved after pumping the other three additional wells.

Old Paint Shop and Maintenance Area Removal Action

Mr. Braun indicated the work plan would be distributed to the BCT for review on January 21, 2000, with comments/approval to be received within 30 days. Mr. Shawn Phillips will confirm the work plan's status as a secondary document with 30-day review periods as defined by the Federal Facilities Agreement.

CWM Removal Action at Dunn Field

Mr. Steve Dunn reported that slip-sheets that will make the draft final Site Safety Submission a final document will be distributed by January 28, 2000. At that point the final SSS will begin the review process through the Department of Army and the Department of Health and Human Services. Mr. Dunn also reported that DLA had requested and the Army had approved moving the Memphis project ahead of Ogden. Intrusive work is now scheduled to begin April 5, 2000. Mobilization is scheduled to begin February 29, 2000. Construction of the vapor containment structure is scheduled to begin March 8, 2000.

Mr. Turpin Ballard indicated the need for the Quality Assurance Project Plan addendum for the hazardous waste samples CH2M Hill would collect after the excavation has been cleared of CWM. Mr. Ballard said the addendum could be as simple as a table providing the purpose, sample locations and references to existing sampling procedures.

Mr. Dunn introduced Mr. Ken Williams, Mr. Drew Cohn and Ms. Elizabeth Bowman from the Memphis Corps of Engineers office. Mr. Dunn had contacted the Memphis office to identify a suitable candidate for the CWM removal action Operations Officer, and the Memphis Office had selected Ms. Bowman. Mr. Phillips tentatively scheduled a meeting with Mr. Dunn, Ms. Bowman and the Memphis office for February 3, 2000. He also requested Frontline participate in the meeting.

Dunn Field Remedial Investigation/Feasibility Study

Mr. Greg Underberg requested the status of TDEC's comments on the draft Dunn Field RI Report. Mr. Jordan English provided his office's comments to CH2M Hill and briefly discussed with the BCT a major formatting issue identified during his review. Mr. Phillips tasked Ms. Richards to determine any schedule delays and provide him with a new schedule by January 28, 2000, for submission of the draft final Dunn Field RI Report.

Main Installation Remedial Investigation/Feasibility Study

Mr. Underberg reported that the final Main Installation Remedial Investigation Report was on schedule for distribution on January 31, 2000. If the BCT identifies a comment response issue after distribution of the final, the change will be published via errata pages.

Mr. Underberg introduced Ms. Vijaya Mylavarapu and Mr. David Lane from the Gainesville CH2M Hill office. They produced the Main Installation Feasibility Study. Mr. Underberg began the MI FS discussion by stating that the Proposed Plan was scheduled to be submitted at the end of January, but that the BCT had not worked through the alternatives to determine the best alternative to go forward in the Proposed Plan. The BCT then began a discussion of the format and alternatives presentation based on EPA comments.

Mr. Ballard raised a question concerning the lead screening level for residential children used in the risk assessment. He will confirm with Dr. Ted Simon the level used by CH2M Hill. Ms. Mylavarapu asked if 10^{-4} was acceptable as the remedial action level, meaning any contaminant that presented a risk greater than 10^{-4} such as 10^{-3} would trigger an action. Mr. Ballard indicated that the remedial action level presented in EPA policy was 10^{-4} , and the BCT agreed that was the action level.

Ms. Denise Cooper will provide CH2M Hill with information from past BCT meeting minutes regarding the sumps in Buildings 251 and 265.

The BCT also discussed tables for providing remedial technology alternative comparisons for each functional unit (FU) and for industrial scenario vs. residential scenario. The BCT wanted information in the FS to follow the functional unit outline in the MI Remedial Investigation that provided a risk assessment for each functional unit. The BCT also discussed need to include items such as deed restrictions on residential development as residential scenario alternatives. The BCT agreed that FS Tables in Section 4 would be revised to group the FUs to address separately FU 4, FU 2, FU 7, and all other FUs.

The BCT also discussed the remedial technology alternatives presented for groundwater. The BCT determined that there was not sufficient data to support the monitored natural attenuation alternative presented in the draft study. Mr. Phillips tasked Ms. Richards and Mr. Underberg to collect more groundwater samples to provide the data necessary for the BCT to determine if monitored natural attenuation was a viable alternative as well as to see how some of the other proposed alternatives would impact any existing natural attenuation processes. The BCT agreed to extend the schedule for submission of the draft final MI FS so the new data could be incorporated. Mr. Phillips instructed Ms. Richards to provide him a revised MI FS schedule.

Mr. Phillips also instructed Mr. Underberg to include language in the Main Installation RI that presented the regulators' concerns regarding the data used by CH2M Hill to determine the groundwater was not currently undergoing natural attenuation. Mr. Underberg agreed to produce a short sampling plan and would expedite sample analysis to reduce schedule delays on the MI FS. Once the data has been collected, Mr. Underberg will submit the data to and schedule a meeting with the BCT and the U.S. Geological Survey to discuss the findings.

Mr. English indicated he would provide comments on the MI FS by February 11, 2000. Mr. Phillips indicated he would provide comments on the MI FS by January 28, 2000.

Depot Redevelopment Corporation Construction Plans Update

Mr. Gene Burr and Mr. Jim Covington discussed the current and future construction plans scheduled for the Memphis Depot Business Park. Phase I includes construction of the entrance boulevard, utilities along the boulevard and a parking area and landscaping where Buildings 359 and 559 once stood. The entrance boulevard is about 50% complete with construction scheduled to end in July 2000.

Phase II will include replacing utility (gas, water and electricity) and sanitary sewer lines in the "6 Typical's." Phase III has been designed, but approval is pending. It will include building parking area between the "20 Typical's" warehouses, replacing utility and sanitary sewer lines in the "20 Typical's" area, removing the railroad confluence west of Building 629, extending the entrance boulevard to the west by 600 feet, and constructing a road north from the entrance boulevard to Dunn Avenue. The railroad tracks in the "20 Typical's" area are currently being removed in preparation for Phase III.

Phase IV will include constructing a road from the entrance boulevard south to Ball Road, replacing or installing utility and sanitary sewer lines west and north of the "20 Typical's" area, and removing the railroad tracks north of the "20 Typical's" area in order to construct parking areas.

Mr. Ballard thanked the DRC for their presentation, especially information as to parking areas and roads, as the BCT would use the information when making clean up decisions. He did not want the BCT to spend time and money on clean up actions for polycyclic aromatic hydrocarbons (PAHs) that result from car exhaust and asphalt products at areas that were to be paved in the future.

Mr. Phillips asked about the difference between the April 1997 redevelopment plan and the current plan. Mr. Covington responded that the current plan included less infrastructure development, such as utility and sanitary sewer lines, west of the warehouse areas due to a prospective tenant. He also indicated the current plan does not include the demolition of the open shed warehouses in the southwest corner as the original plan indicated. Mr. Covington and Mr. Burr agreed to prepare a one-page summary of differences between the original plan and the current plan. Mr. Underberg requested a copy of the current construction plan figure and the summary for use in the Main Installation Feasibility Study.

Mr. Burr asked the BCT about placing gas lines through the area surrounding RI Site 59 (pesticide storage in Building 273) as it would cost less than going around the area. The BCT responded that the sampling data and risk assessment indicated there would be no unacceptable risk for industrial workers in that area, so it gas lines could be placed through the area. Mr. Covington thanked the BCT for addressing the DRC's redevelopment issues in a timely manner allowing the DRC to move forward with redevelopment.

2/17/00

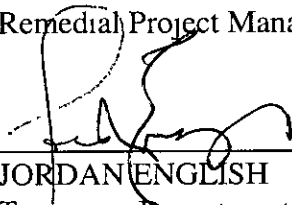
SHAWN PHILLIPS
Memphis Depot Caretaker
BRAC Environmental Coordinator

DATE

2/17/00

TURPIN BALLARD
Environmental Protection Agency
Federal Facilities Branch
Remedial Project Manager

DATE

2/17/00

JORDAN ENGLISH
Tennessee Department of Environment and Conservation
Division of Superfund
BRAC Cleanup Team member

DATE

January Action Items	Responsibility	Start - Suspense Date	Completed Date
Provide comments on Sverdrup's removal action work plan.	Shawn Phillips/Turpin Ballard/Jordan English	2/9/00 - 3/10/00	
Collect additional groundwater samples to provide sufficient data for natural attenuation discussion in MI FS.	Dorothy Richards/Greg Underberg	1/20/00 - ASAP	
Submit additional groundwater sampling data directly to BCT and USGS, and schedule meeting with same to discuss.	Dorothy Richards/Greg Underberg	1/21/00 - ASAP	
Provide to CEHNC/CH2M Hill comments on draft MI FS.	Shawn Phillips, Jordan English	1/20/00 - 1/28/00 (mdc) 2/8/00 (tdec)	1/28/00 (mdc)

Existing/Open Action Items	Responsibility	Start - Suspense Date	Completed Date
Install recovery well discharge piping system.	Kurt Braun/Virgil Jansen	10/25/99 - TBD	
Prepare letter to DRC regarding environmental protection provisions and tenants. Provide copy to RAB.	Shawn Phillips	10/25/99 - Pending	
Provide to BCT in document comment response packages the current page numbers where corrections can be found.	Dorothy Richards/Greg Underberg	10/25/99 - As required.	
Provide cover letter for draft final documents and include where the comment responses can be found.	Shawn Phillips/Denise Cooper	10/25/99 - As required.	
Review Industrial Wastewater Discharge Agreement to determine need to notify city of anticipated increased flow from additional wells.	Shawn Phillips	9/16/99 - Pending	
Purchase and install 6 transducers. Four will take place of USGS transducers currently in place. USGS contract with EPA to collect data from current transducers ends this 9/30/99.	Kurt Braun/Virgil Jansen	9/16/99 - 2/4/99	
Prepare and submit to the BCT a QAPP addendum regarding the HTRW confirmatory sampling at the CWM/OE excavation.	Greg Underberg	7/17/99 - 2/22/00	
Have USGS prepare an information package. Turpin will ask David Ladd about schedule (1/20/00).	Turpin Ballard	6/17/99 - Pending	

Closed Action Items	Responsibility	Start - Suspense Date	Completed Date
Delay final MI FS to include additional groundwater sampling data. Provide revised MI FS schedule.	Dorothy Richards/Greg Underberg	1/21/00 - 2/9/00	2/9/00
Determine any schedule delays resulting from delay in receiving regulator comments and provide info to BCT.	Dorothy Richards/Greg Underberg	1/20/00 - 2/9/00	2/9/00
Provide to CH2M Hill BCT meeting information regarding the sumps in Buildings 251 and 265.	Denise Cooper	1/20/00 - ASAP	1/25/00
Provide Shawn Phillips any comments on the draft CWM CRP activities matrix.	Steve Dunn/Bob DiMichael	1/20/00 - 1/28/00	2/1/00
Interview proposed Corps CWM removal action Operations Officer.	Shawn Phillips/Alma Moore/Steve Dunn	1/20/00 - 2/3/00	2/3/00
Prepare and provide to BCT/CH2M Hill (for inclusion in the Main Installation FS) a one page description of the difference between the DRC's current redevelopment plan and the 1997 plan.	Jim Covington/Gene Burr	1/20/00 - ASAP	1/26/00
Distribute final MI RI.	Dorothy Richards/Greg Underberg	12/15/99 - 1/31/00	1/31/00
Provide final SSS to BCT members.	Steve Dunn/Randy Reed	9/16/99 - 1/31/00	1/30/00
Provide directly to BCT the safety plan for overall PRAC.	Kurt Braun/Virgil Jansen	11/24/99 - 1/14/00	1/20/00
Incorporate language regarding natural attenuation into final Main Installation Remedial	Dorothy Richards/Greg	1/20/00 -	1/21/00

Closed Action Items	Responsibility	Start - Suspense Date	Completed Date
Investigation.	Underberg	1/28/00	
Coordinate meeting with National Congress of Black Churches.	Alma Moore	7/15/99 - 1/00	10/99
Prepare Action Memorandum and "bridging" document for removal action at Family Housing.	Depot	3/18/99 - Pending	April 99
Provide comments on draft EE/CA Removal of Hot Spot Areas, Main Installation.	Depot, EPA, TDEC		Overcome by results of MI FS.
Provide directly to BCT the work plan for Parcels 35 and 28 removal action.	Kurt Braun/Virgil Jansen	11/24/99 - 1/14/00	1/20/00
Provide Mobile (Kurt Braun) with all available SOPs that have already been approved by BCT.	Dorothy Richards/Greg Underberg	10/25/99 - ASAP	12/15/99
Update QAPP with new table and make available to Mobile on Hill website.	Dorothy Richards/Greg Underberg	10/25/99 - ASAP	12/15/99
Provide comments on the draft Dunn Field RI.	Turpin Ballard/Jordan English/ Shawn Phillips	1/11/00	EPA 12/17/99 Depot 1/3/00 TDEC 1/20/00
Provide BCT/CH2M Hill with new TN groundwater classification rule.	Jordan English	12/15/99 - ASAP	12/16/99
Obtain comments from USGS regarding use of a	Dorothy Richards/Greg	12/15/99	1/6/00

FINAL PAGE

ADMINISTRATIVE RECORD

FINAL PAGE