

FT. McCLELLAN BCT MEETING MINUTES
 PARTNERING SESSION #35
 FT. McCLELLAN, AL
 MAY 24, 2001

AGENDA ITEM	RESPONSIBILITY	NOTES
Check In Guest Introduction and Roles	Host: Ron Levy Leader: Recorder: Jeanne Yacoub	See Attendees List – Attachment A.
Ground Rules	BCT	Attachment B provides the ground rules, as revised in January, 2001.
Agenda	BCT	The BCT revised the May agenda, and proceeded accordingly. Attachment C provides the draft June agenda. Attachment D provides the May meeting summary.
Accept Previous Minutes	BCT	The team reviewed the draft March minutes, and accepted the minutes with revisions as final.
Action Items	BCT	Action items were reviewed and updated, as indicated in Attachment D.
Long-Term Planning (BCP)	BCT	One of the main agenda items for the June, 1999 meeting was BCP discussion. The team had set the BCP aside pending resolution of some policy issues that required resolution prior to completion of the BCP. Now that the team has worked through the LUCAP issue, they are prepared to readdress the BCP, but must set aside time to do so. At this time, the BCP remains unscheduled, but on the BCT's "to do" list.
Goals/Metrics Update	BCT	The team began brainstorming this topic during the June, 1998 meeting, and also began development of preliminary goals for consideration by the group. This topic, like the BCP, requires the BCT to set aside schedule time to address. At this time, goals and metrics are on the BCT's "to do" list.

Facilitator Observations	David Sanderson	David Sanderson did not attend this meeting, therefore, his report, Attachment E, is absent from these minutes. David's next scheduled meeting is June 19 - 20.
-----------------------------	-----------------	---

ATTACHMENT A

LIST OF ATTENDEES
BCT SESSION #35
FT.McCLELLAN, AL
MAY 24, 2001

Attendees:

Lisa Kingsbury, Ft. McClellan (FTMC)
Ron Levy, FTMC
Ellis Pope, Mobile District Corps of Engineers
Doyle Brittain, US Environmental Protection Agency, Region IV (EPA)
Philip Stroud, Alabama Department of Environmental Management (ADEM)
Dan Copeland, US Army Engineering and Support Center, Huntsville (CEHNC)
Suzanne Murdock, CEHNC
Jeanne Yacoub, The IT Group
Steve Moran, The IT Group

Guests:

Frances Hinkley, Mobile District Corps of Engineers
Gregg Goldsmith, National Guard Bureau (NGB)
Wayne Sartwell, NGB
David McPherson, NGB
John Lyda, NGB
Bernie Case, NGB
Francis Coulters, NGB
Karen Pinson, FTMC
Bill Shanks, FTMC
Glynn Ryan, FTMC
Jim Grassiano, ADEM
Josh Jenkins, The IT Group
Phil Potter, Foster Wheeler Environmental Co. (FWENC)
Jack McIlrath, FWENC

ATTACHMENT B

BCT GROUND RULES

General:

1. Leave rank and title at the door, and have a free and open discussion on any subject affecting the BCT.
2. Work smarter, not harder: create ways to simplify and streamline the BCT process.
3. Identify and express individual team members' sensitive issues, and agree to keep them within the team.
4. Alert other team members of any changes in cost or schedules.
5. Rotate meeting leaders.
6. Have fun.

Meeting Behavior:

1. Come prepared; do your homework.
2. Participate fully: offer your perspective and advice for the benefit of the whole team.
3. Listen to others' views and opinions, try to understand their needs, respect them, and work to resolve differences, and support team decisions.
4. Draw out other members: be open to other ideas and different perspectives.
5. Avoid interruptions and side conversations.
6. Call time out when necessary.
7. Make decisions by consensus: all in agreement, all owning the decision.
8. Turn off cell phones.

ATTACHMENT C
BCT MEETING AGENDA

1. Check In
2. Guest Introduction/Role in Meeting
3. Review Ground Rules (Attachment B to these minutes)
4. Finalize Agenda with additions and/or subtractions (Item 9 of this Attachment)
5. Accept Previous Meeting Minutes
6. Review Action Items from Previous Minutes (Attachment D to these minutes)
7. Review Long-Term Planning (BCP)
8. Goals/Metrics Update
9. Accomplish Agenda Items (Item 9 of this Attachment)
10. Meeting Summary Review
 - Set next meeting date
 - Set next meeting agenda
 - Set time and date for conference call
 - Set meeting dates for next six months
 - Review action and consensus items
 - Review and evaluate Partnering Process

ITEM #9
DRAFT JUNE AGENDA

Wednesday, June 27, 2001

0900	Convene at FTMC for Site Visits (Sinkhole, Undeveloped Area, Cane Creek)	Project Team
------	---	--------------

Thursday, June 28, 2001

0800 – 0830	Check-in	BCT
0830 – 0900	Finalize Minutes/Agenda/ Action Items	BCT
0900 – 1000	JPA Update	Miki Schneider
1000 – 1200	Base Gas Station, Parcels 21 & 22 Former Motor Pool 3100, Parcel 146 Training Aids Building 267, Parcel 166	Josh
1200 – 1300	Lunch	
1300 – 1630	Charlie Area EE/CA Update EE/CA Update (CWM and Conventional)	H'ville

Breaks as Needed
Dinner Plans

Parking Lot

ATTACHMENT D
MEETING SUMMARY
With
ACTION ITEMS

Next Meeting: June 28 - 29, 2001
Ft. McClellan, AL

Primary Agenda: Project Status Updates

May Meeting Summary:

Finalize Agenda and Minutes - The BCT reviewed the March minutes, and accepted the minutes with minor revisions as final. The BCT also reviewed the May On-Board Review minutes, and accepted those minutes with minor revisions as final. The team added the following items to the parking lot, and proceeded with the May agenda:

- Land Use Control Locations
- Site Management Plan (BCP)
- 11th Chemical Motor Pool LUCIP
- Eastern Bypass Action Memorandum
- Landfill #3 Update on Offsite Drilling

Action Items - The BCT reviewed March's action items; the updates are presented in Attachment D. During the update on the perchlorate data results, Steve indicated that all data collected to date was negative. Doyle requested that Steve provide summary data tables at the next BCT meeting for all the sites where perchlorate data was available. The BCT will review the data tables and decide whether or not to suspend future sampling for perchlorates. In his update, Glynn informed the team that he continues to coordinate FTMC attendance at AAD RABs to ensure information transfer between the FTMC and AAD RABs. Doyle indicated his awareness that Barry Cox serves on both RABs, contributing to information transfer between the two RABs.

May 17 Pelham Range Site Visit - Josh briefed the attendees on the results of the site visit to Pelham Range on May 17. Josh, Doyle, Philip, Bernie Case, Wayne Sartwell, Tim Rice, and an IT UXO escort participated in a site visit to Pelham Range sites to follow up on residual action items from the May 10 On-Board Review. The following site discussions reflect the results of the site visits.

Geophysical Surveys at Sinkholes 8C, 22C, and 24C - As part of the MOA, IT performed geophysical surveys at these sinkholes; no anomalies of concern were revealed during that effort. Doyle and Philip discussed the need for additional soil sampling at those sites, using hand auger techniques. At the site adjacent to the Rideout Field burial mound, Doyle wants to see a scan for radiological constituents. Lisa mentioned that the radiological fly-over will address any radiological issues, and that radiological analysis is unnecessary. Doyle clarified that he meant a field scan using field instrumentation, not laboratory analysis. Ron indicated that he would speak with Ellis and Mike Styvert on this issue. Ellis will send the electronic presentation on the

radiological fly-over to Francis. IT has tentative plans to remobilize in July for the fly-over, but needs to coordinate the schedule with Guard training exercises. Francis will try to be onsite when IT mobilizes. After some discussion, the BCT agreed to the following course of action:

- At each sinkhole, 3 samples per location will be collected. One sample each will be collected at the 0-2' interval, the 2-4' interval, and at auger refusal.
- Site 8C will have 4 sample locations (one at each of three sinkholes, plus one at the rock mound. Full suite chemical analysis).
- Site 22C will have 1 sample location. Full suite chemical analysis.
- Site 24C will have 1 sample location. Full suite chemical analysis, plus radiological scan pending consultation between the Army and Mike Styvert.

Blue Hole - The site visit confirmed that the Blue Hole is located within area 6C. The site showed much debris due to recent rainfall. After visiting the site, EPA and ADEM agreed that NFA is appropriate for this site.

Old Water Hole - The Army's previous activities at this site are documented in SAIC's RI report; EPA and ADEM are satisfied with progress to date on this site. IT is currently preparing a work plan to incorporate SAIC's recommendations for further investigation at this site.

Range L (Lima Pond) - The Army's previous activities at this site are documented in SAIC's RI report; EPA and ADEM are satisfied with progress to date on this site. IT is currently preparing a work plan to incorporate SAIC's recommendations for further investigation at this site. Lisa will send copies of SAIC's RI report to Doyle, Bernie, and Philip.

Range I - IT has submitted the final work plan for this site; EPA and ADEM are satisfied with progress to date on this parcel. Philip inquired about the bottle he saw while visiting this site in March. Ron indicated that the Army considers it to be an empty bottle, nothing special. Ron has signed off on the Army risk assessment for that site. IT will implement the approved work plan as soon as the signed risk assessment is received.

Trash North of Gate 3 - The group observed trash around the Gate 3 area that looked like it came from the adjacent private property. Ron indicated that the private property was known to have stored drums, paint stripper, PCBs, and other waste material, and that the Army had on previous occasion, cleaned up trash from Gate 3 that had come from the private property. Ron also indicated that EPA had investigated the property using a response team. Ron will provide Doyle a copy of EPA's documentation on the investigation. Philip will address this issue with ADEM solid waste personnel, and speak to Chris for background information.

AAD Shell-Tapping Area - Ron explained that in the past, as a quality control check on CWM munitions, the Army would remove CWM-containing shells from their storage igloos and bring the shells to the Shell Tapping Area. The shells would then be "tapped" to check the CWM within and ascertain whether or not the CWM was still viable. The shells would then be plugged and replaced in another igloo, and the Army would decontaminate any residual materials. Ron's point is that the Army's decontamination activities at the Shell Tapping Area were therefore related to quality control inspection activities, not disposal or burial of CWM. There are many shells on this area because it is an active impact area. The area is not a designated impact area, but is a designated "surface danger zone." It appears that the ordnance rounds are overshooting the target berm and landing in the surface danger zone. The National Guard will investigate this issue in conjunction with the Army, since the situation presents a safety concern for personnel walking in the surface danger zone. Ron indicated the area might need to get added to the range inventory. The Guard may need to adjust the

boundaries of the site. Relative risk results showed low levels (<SSSLs) of nitro-explosives. This site scored a low relative risk. Gregg asked whether "contamination" is related to shell-tapping or ordnance. Ellis indicated that ordnance, not shell-tapping is likely to produce nitro-explosives. Doyle wants the area investigated. Gregg suggested that the Colonel (Lyda) contact AAD to inquire about the nature of the site, or is AAD using Guard property as a firing range. Ron maintains that if the property is an active range, further investigation is not appropriate. Active ranges are excluded from investigation and cleanup. ADEM supports EPA's position. This site will be addressed at the next BCT meeting, when the Guard will report on status of its inquiries.

Burial Mound at Rideout Field - The Army is conducting a limited groundwater investigation at this site at the NRC's request in order to close out the license for the site. The draft work plan for this site has been submitted in accordance with the MOA. Based on the May 17 site visit, EPA would like another additional well further down-gradient of the site. ADEM supports EPA's desire. Ellis suggested moving one of the planned wells to accommodate EPA's request. Steve indicated that Cobalt 60, the substance with which the NRC is concerned, is a gamma emitter contained in a point source about the size of a battery. Steve's opinion is that there is no technical justification for another well, since there would have to be migration of a piece of the source material through the groundwater to spread any contamination. ADEM's radiological expert Terry Williams has approved the proposed work plan. EPA and ADEM insisted that an additional well is needed. Ron expressed concern here on moving away from the original agreements made and wanted to discuss this again with EPA, NRC, State, and the Army's technical experts. The Army is opposed on technical grounds, but will support the requirement. IT will install the well and sample for the same constituents identified in the work plan for the other groundwater samples. IT will also drill up-slope of the wetland in the area. The Guard inquired if EPA and ADEM will be on site when NRC excavates the burial mound. Lisa indicated that NRC and EPA would be onsite during excavation to close out the site.

Former Personnel and Equipment Decontamination Station - This site contains a pond. EPA initially wanted to move sample locations to the center of the pond. On the day of inspection, personnel observed 3 to 4 smoke pots, and a box of M60 belts (blank bullets). EPA wants to drain the pond, sample it at different depths, and if clean, dispose of the pond water in the wetland area. Then perform a UXO and CWM clearance, then HTRW sampling. Also add some sampling to the east of the parcel, due to concern that operations may have taken place in the clearing there. This site is a secondary decontamination area; soldiers used soap and water to decontaminate. This is clearly documented in the CHPPM report and the ASR. The Army maintains that CWM was never used in this area. After discussion, the BCT agreed that sediment samples from the pond are required. Draining of the pond will not be required if UXO avoidance can be accomplished without doing so. IT will also collect stratified surface water samples at the deepest point of the pond. IT will modify the work plan to reflect this change.

Range K - SAIC performed the SI and RI at this site. Army also performed a relative risk evaluation at the site; both efforts resulted in recommendations for further investigation. The final work plan was approved and finalized in February. Since plan approval, there has been a controlled burn that has revealed more surface features at the site, including a drum. EPA wants the drum sampled. ADEM wants samples under the drum, and more samples closer to exposed metal.

Range J - IT is currently implementing an approved work plan at Range J to delineate nature and extent of chlorinated compounds in groundwater. There are two drums located southwest of the fenced area. Monitoring well 202GP16 is located 5' or less from an intact drum, and about 10' from the crushed drum. There are no visible markings on the drums. Steve speculated that it might be purge water from work at the

site. GP16 showed VOCs in one soil sample 10 -12' bgs at 26 ppb (SSSLs). Doyle wants more samples around this spot to delineate nature and extent. He would like to see a step-out approach 10 - 20' from the spot in each direction.

Range 23A - At this site, arsenic in soils exceeded SSSLs, but were below background levels. Data indicate TPH ranging from 12 - 2,470 ppm, nickel and TPH in subsurface soils, TPH in sediments, and 1,3 dinitrobenzene in groundwater in three samples. EPA thinks additional groundwater data are necessary. In the past, Chris and Bart agreed to leave IDW onsite, so there are also IDW drums at the site that need to be addressed. The chemical school used this site to demonstrate flame field expedients (Wall of Flame). Doyle is concerned about the wetland at the bottom of the hill, and ultimately into Cane Creek. He proposed a work-scoping meeting for this site. If the IDW drums have been sampled, the Army needs to provide that data to IT.

OE EE/CA Update - Phil Potter gave a detailed update of progress on the OE EE/CA sampling efforts in the Alpha and Bravo sectors. He provided maps of the areas where FWENC is working, along with results of geophysical investigations in sample sectors. He explained how FWENC is processing the data, and changes they have instituted to expedite their work, including working on weekends. Doyle suggested that another update be provided at the June BCT meeting, and that FWENC be prepared to answer the question, "did we find what we expected or not?"

Quarterly Newsletter for Huntsville - Dan proposed an article on the BCT's successful on-board reviews for CEHNC's quarterly newsletter. Everyone agreed that this is a beneficial way to provide information on Ft. McClellan's programs and agreed to Dan's proposal. Dan took pictures of the BCT and project team during the meeting for the newsletter.

LUC Location in LUCIPs - Doyle previously indicated that he wants to see land surveys to define the LUCIP requirements for parcels. He clarified that GPS until final transfer would be adequate. Ft. McClellan indicated that they would be using "metes and bounds" descriptions, which is the legal requirement in the State of Alabama.

11th Chemical Motor Pool - Ron indicated that he wants this to be an agenda item for the next BCT meeting.

Iron Mountain Road Ranges EE/CA - Doyle indicated that the Iron Mountain Road Ranges EE/CA did not incorporate the full ecological risk process that EPA believes is necessary for the sites. Doyle indicated that both the human health and ecological risk assessors from EPA "flipped out" at the Army's cleanup proposal of 7,600 ppm for lead. Ron indicated that the Army could lose its money for the range cleanup if delays were lengthy. Doyle suggested one human health risk assessment and one ecological risk assessment for the "undeveloped area" on the installation. Ellis inquired about Doyle's experience with the time frames to accomplish an ecological risk assessment. Doyle indicated that he thought the assessment could be completed in as little time as three months. Doyle also indicated that EPA wants the range fans characterized as well, whereas the EE/CA focuses on the much smaller acreage associated with the firing lines and target areas. Ron proposed a meeting in Atlanta with EPA risk assessors to discuss the approach at Ft. McClellan. IT will prepare a brief proposal for human health and ecological risk assessment approaches. Doyle will coordinate a meeting with Ted and Sharon, and Dave Charters as well in Atlanta. The group discussed possible dates for the meeting, and identified June 5, 11, 12, 14, and 15 as possible dates.

JPA Update - Bill Shanks provided a map of Ft. McClellan indicating the overall property disposition to date

through FOST and FOSL activities. Ron indicated that there will be another FOST very shortly that will address an additional 2,520 acres, most of which is the southern portion of the installation. The map served to illustrate that Ft. McClellan is making significant progress in transitioning property to alternate reuse.

Miki inquired about UXO cleanup, specifically activities within Alpha, Bravo, and Charlie. Ron indicated that the UXO EE/CA sampling is underway, and the FWENC expects to meet their projected schedule for finish.

Miki indicated that her office had been contacted about the possibility of reopening Bains Gap Road for public access. The Army indicated that Bains Gap Road would have to remain closed for the foreseeable future due to UXO and HTRW cleanup activities.

Miki will invite her new supervisor to the next BCT meeting. Dan Cleckler will also be invited to the RAB meeting.

FOMRA - Josh presented the latest data on FOMRA with regard to the barium "hot spot." The data showed that the "hot spot" was indeed an isolated location of elevated barium, and not a large contaminated area. The concentration was not considered to be overly high, requiring removal. Based on the data, the BCT agreed that NFA for this site is appropriate.

T-38 - Parsons has located the "pit" on T-38 and is in the process of removing material from the pit. This data will be provided to IT. Currently, data at T-38 indicates that defining nature and extent may require moving to the east in very mountainous terrain. Doyle suggested the possibility of north-south preferential flow to Cave Creek. The BCT wants to see the data and discuss this site further. After some further discussion, the BCT decided to install 3 additional wells to the northeast of SS04 and SS10. IT will install two wells at each location.

Range 24A - In addition to documented training activities, Ron had personal experience with the "Wall of Flame" training at this site. IT has found one location with benzene only at 100'. IT recommended going deeper both up-gradient and down-gradient of this location. Ron also wants to do more research on what the Army might have used that would have resulted in benzene in groundwater. The BCT agreed to install at least 3 or 4 additional wells in accordance with IT's recommendations. Ellis and IT will also review this site information with Ross McCollum at USACE Mobile.

Motor Pool 1500 - SI data for this site indicated chlorinated compounds in groundwater. IT currently is performing an RI at this site. Groundwater flow appears to be towards Ingram Creek. IT has contacted AEC and other sources to research where chlorobenzene might be coming from, but has not obtained any useful information on that question. It is not associated with the impregnation material used in the chemical laundry. The BCT decided to install a minimum of 4, and possibly 6, additional wells at this site. IT and Ellis will also consult with Ross McCollum on this site as well as Range 24A.

Base Gas Station - Benzene in groundwater resulted in an RI for this site. During the RI, IT was unable to duplicate the hits of benzene; concentrations in groundwater were significantly lower. Steve suggested bypassing the risk assessment. Doyle suggested calling the effort a "Supplemental SI" and NFA the site. IT will provide a detailed brief on this site at the next BCT meeting.

Landfill #3 Update - The Corps has received access to sample Ruby Lowry's well (S5). Paperwork to

document permission for access is currently in the works. IT will sample once the paperwork is complete.

Future Meetings (3-month look ahead) - Ecological Risk Assessment, June TBD, EPA offices, Atlanta, GA, June 28 - 29, Ft. McClellan, July 17 - 18, Ft. McClellan, August TBD.

Status of Action Items

Action Item No.	Responsible Team Member	Due Date	Status	Action Item
00/11/4	Steve	Mar 01	Done	Provide update on QST data issue, and progress made to date to resolve issues.
01/1/4	Steve	Feb 01	Done	Prepare brief on perchlorate analytical results for BCT for consideration once data is available.
01/2/1	Lisa	Mar 01	Done	Compare Army parcel boundaries maps to IT GIS database.
01/2/2	Glynn	Mar 01	Done	Ascertain whether someone from AAD RAB will attend Ft. McClellan RAB meetings.
01/2/3	Glynn	Mar 01	SNR	Provide metrics information to Ft. McClellan project team for consideration in development of team metrics.
01/3/1	Steve	Apr 01	Done	Prepare a list of documents for the on-board review to take place in May.
01/5/1	Steve	Jun 01	SNR	Provide summary data tables for perchlorate data for BCT review and decision on continued perchlorate sampling.
01/5/2	Ellis	Jun 01	SNR	Send electronic presentation on radiological fly-over to Francis Coulter.
01/5/3	Lisa	Jun 01	SNR	Send copies of SAIC RI report to Doyle, Philip, and Bernie.
01/5/4	Ron	Jun 01	SNR	Provide Doyle with EPA Response Team documentation on Gate 3 trash investigation.
01/5/5	Col. Lyda	Jun 01	SNR	Provide status on AAD Shell-Tapping Area use as an impact area.

*SNR=Status Next Report