



N00639 AR 000416
MILLINGTON SUPPACT
5090 3a

22 July 1997

38054.000
13.05.00.0114

1D 00 250

MEMORANDUM (15 pages)

From:

Name	Organization	phone	fax	e-mail
David Porter	SOUTHDIV	(803) 820-5610	(803) 820-5563	dporter@efdsouth.navy.mil

To:

Name	Organization	phone	fax	e-mail
Lawson Anderson	EnSafe	(901) 937-4275	(901) 372-2454	landerson@ensafe.com
Tonya Barker	NSA Memphis	(901) 874-5461	(901) 874-7022	
Jack Carmichael	USGS (Nashville)	(615) 736-5424	(615) 736 2066	jkcarmic@usgs.gov
Brian Donaldson	EPA Region IV	(404) 562-8554	(404) 562-8518	donaldson.brian@epamail.epa.gov
Jordan English	TDEC (Memphis)	(901) 368-7953	(901) 368-7979	memphfo2@mail.state.tn.us
Sue Hosmer	NSA Memphis	(901) 874-5761	(901) 874-5649	
Keith Johns	EnSafe (Raleigh)	(919) 851-1886	(919) 851-4043	kjohns@ensafe.com
LCDR Terry Jones	NSA Memphis	(901) 874-7454	(901) 874-5649	deucej@worldnet.att.net
Jim Morrison	TDEC (Memphis)	(901) 368-7958	(901) 368-7979	memphfo2@mail.state.tn.us
Robert Smith	EnSafe (Memphis)	(901) 372-7962	(901) 372-2454	rpsmith@ensafe.com
Mark Taylor	SOUTHDIV	(803) 820-5573	(803) 820-5563	mrtaylor@efdsouth.navy.mil
Rob Williamson	NSA Memphis	(901) 874-5461	(901) 874-7022	

Subj: NSA MEMPHIS BRAC CLEANUP TEAM (BCT) MEETING

Encl: (1) Minutes for 23-25 June 97 BCT Meeting

1. Enclosure (1) provides the minutes from the 23-25 June BCT meeting. Note that LCDR Jones' email address has changed: deucej@worldnet.att.net
2. As a reminder, the next BCT meeting is scheduled for 28-30 July, with a RAB meeting on Tuesday, 29 July.
3. Please call if you have comments and/or questions at (803) 820-5610, DSN 583, e-mail: dporter@efdsouth.navy.mil

NSA MEMPHIS BCT MEETING MINUTES

23-25 JUNE 1997

Attendance:

Lawson Anderson	EnSafe/Allen & Hoshall
Tonya Barker	NSA Memphis
Jack Carmichael	USGS (Nashville)
Brian Donaldson	EPA Region IV
Jordan English	TDEC (Memphis)
David Porter	SOUTHDIV
Robert Smith	EnSafe (Memphis)
Mark Taylor	SOUTHDIV
Rob Williamson	NSA Memphis

Russ Noble	Millington Aviation Authority
Rodger Aitken	NSA Memphis
Brian Mulhearn	EnSafe/Allen & Hoshall
Bill Parks	USGS (Memphis)

Tuesday, 23 June 1997

11:00 am - 6:00 pm Environmental Conference Room, Bldg S-241

60 min

- Review minutes from May BCT meeting, review June agenda, review NAS Cecil Field meeting minutes database
(David Porter)

Objectives: Ensure minutes are accurate and reflective of May meeting's discussions, decisions, and assignments. Ensure agenda for June addresses current concerns and issues. Review the NSA Cecil Field meeting minutes database for possible use at NSA Memphis.

Discussion: No comments on last month's meeting minutes, other than Brian Donaldson's name misspelled in one place. Review agenda for this month's meeting. Jordan English reported that Kenny Kelley complained to TDEC on June 12 that trucks originating at NSA Memphis were "spilling" asbestos and some splashed on his father's car. Robert Smith noted that the trucks might have come from the Mud Flats housing project next to NSA Memphis. Jordan E. will call Mr. Kelley for additional information. Rob Williamson contacted Ursula Jones (NSA Asbestos Coordinator). She is not aware of any asbestos being shipped offsite; however,

some abatement is going on. Some asbestos was shipped offsite in May from the Morrison-Knudsen tank/piping removal project south of N-126. Lawson Anderson requested time on the agenda to discuss preliminary results from most recent round of groundwater sampling.

David Porter noted that he will bring the meeting minutes database used by the Cecil Field BCT next time.

Brian Donaldson noted several upcoming training courses related to natural attenuation and reactive barrier walls in Ada, Oklahoma (July 28-31) and bioremediation/natural attenuation at Utah State. Mark Taylor mentioned a 3-day course ~~recently~~ held in Charleston on risk assessment. *to be in August (Since postponed)*.

Brian Donaldson requested input from all team members on time and cost saving measures that have been implemented by the BCT during the RFI. The information is needed by July 10.

Jim Morrison called and reported that several of the approval letters he sent to SOUTHDIV were returned. David Porter said he received the letter for SWMUs 1 and 2 and Assemblies B, C, and D. Jordan E. will check Jim's "In" box for copies of the letters. Discussed SWMU 65 petroleum contamination - since the TDEC UST Division informed E/A&H that soil cleanup levels are determined by permeability only (i.e., presence of groundwater contamination does not affect soil cleanup levels, it just means that in the case of UST closures that an environmental assessment is required), Jim M. wants to discuss the situation with the Solid Waste Division. E/A&H will need to provide most recent sampling results to Jim M. before then.

Decisions: Modify agenda as proposed.

Assignments: Jordan English will follow-up with Kenny Kelley. David Porter will bring Access database program for keeping meeting minutes to next BCT meeting. All team members are to provide input to Brian Donaldson on time and cost savings measures implemented at NSA Memphis. E/A&H will provide new SWMU 65 data to Jim Morrison who will then discuss site cleanup requirements with the TDEC Solid Waste Division.

120 min

- Report on follow-up assignments from May BCT meeting:
(All team member)

Objective: Report on status of action items. Establish new completion dates for any overdue items.

EnSafe (Lawson Anderson/Robert Smith/Keith Johns/Larry Hughes/John Stedman):

- Provide the following documents for BCT review:
SWMU 8 (note: pending resolution of dieldrin issue)

status: On hold until results of additional sampling are reviewed (agenda item later today)

Technical Memorandum/PRE - PCBs in Ditch near SWMU 57

status: Done.

Technical Memorandum - SWMU 2 Passive Soil Gas Results

status: Completed. Will distribute during this meeting (handed out Wednesday morning).

Assembly A Long-Term Groundwater Monitoring Report

status: Done.

EBST/FOST

status: Airfield Parcel out last Friday; Non-Airfield will go out this week.

Assembly G and H CSI Work Plan

status: Trying to track down a copy of tank closure report for SWMU 19. Should go out next week.

- Provide the following documents for preliminary review by Navy/USGS:

SWMU 7/Northside Groundwater RFI Report (note: will submit late July)

status: No change.

VCA Report - Gasoline Pits and SWMUs 3, 7, & 18 (note: will submit mid to late July)

status: mid-July

SWMU 66 VCA Report

status: Next week.

Follow-up Gray Area Report (Northside)

status: Next week or the following week.

MAG-41 Drum Storage Area Gray Area Work Plan

status: Done.

SWMU 59 VCA Work Plan

status: Done.

Assembly E RFI Report

status: Done.

Assembly F CSI Report

status: Next week or the following week.

Technical Memorandum on PAH risk

status: Next week or the following week.

- Conduct additional soil removal at N-121 chromic acid spill or backfill, depending on TDEC/EPA direction
status: No additional soil removed. Site has been backfilled.
- collect additional samples at SWMU 8 per eco risk assessors' recommendations
status: Done, results to be discussed later on today's agenda.
- conduct telcon with EPA/TDEC 1st week of June to discuss CAMP review comments
status: Received written comments from EPA. Have not received TDEC comments (will call TDEC Monday).
- provide GIS/Arcview capabilities at all future BCT meetings (NSA Memphis will provide overhead projector and projection tablet)
status: Done.
- check surface soil data from SWMU 2 to assist BCT in deciding if soil cut from ditch during levee project can be used in the levee fill (provide GIS/Arcview)
status: Done (agenda item).
- superimpose the proposed fire station near SWMU 14 on a GIS plot of the site
status: Done (agenda item).
- research which repositories have a copy of the administrative record and what media type hardware will they need
status: Misunderstood assignment - will follow up before next meeting.
- confirm presence of USTs at N-5 and N-6 (core a hold directly over site and use a probe to determine if tanks are still in the ground) - prepare VCA work plan if tanks are confirmed
status: Confirmed a UST at N-6, will prepare VCA work plan. Did not find a UST at N-5.
- compile SWMU and UST data from SWMU 5 to aid in discussion of pad/soil removal (provide GIS/Arcview)
status: Done (agenda item).

EPA Region IV (Brian Donaldson):

- Provide review comments on the following:
SWMU 5 RFI Report
status: Has reviewed except for changes to risk assessment. He will have a subcontractor review the risk assessment.
- check with EPA compliance personnel to determine if more soil removal would likely reduce any penalties/fines
status: Recommends sending a copy of follow-up report to EPA RCRA Compliance Section.

- provide risk assessment comments on SWMU 60 RFI report
status: Will have them next week or following week.
- conduct telcon with EnSafe/TDEC 1st week of June to discuss CAMP review comments
status: Provided written comments several weeks ago.

NSA Memphis - Environmental (Tonya Barker/Rob Williamson/Randy Wilson):

- Arrange for additional soil disposal at SWMU 8 via COE, depending on additional dieldrin confirmation samples.
status: On hold pending review of confirmation samples.
- Dispose of N-121 spill cleanup soil in rolloffs (check with TDEC Solid Waste Division before shipping soil as non-hazardous waste)
status: Will be disposed of as hazardous waste.
- acquire another rolloff should additional excavation be required at N-121
status: Additional excavation was not required.
- coordinate levee project near SWMU 2 with Army Corps of Engineers to minimizing stormwater runoff from the north
status: USACE, NSA PWO, and TDEC met to discuss plans and visited site. Jim Morrison recommended that soil from digging of ditch at foot of levee be laid over onto landfill rather than incorporated into levee. He also recommended that whether OSHA 40-hour training is required for workers be checked on.
- coordinate radiation survey with TDEC
status: Jim Morrison suggested at a minimum that worst welding area, worst sand blasting area, and worst dial shop be surveyed. John Richards (EPA) suggests screening all sites due to variability. E/A&H will conduct the survey with EPA oversight. A brief description of approach will be provided to EPA.
- provide overhead projector and computer projection tablet at all future BCT meeting to aide in use of GIS/Arcview data
status: There is a projector available through the Naval Hospital that can be borrowed. It is possible that the projector might become available permanently upon closure of Hospital in October.
- check into possible use of \$ 7000 in RAB support funds to purchase overhead and projection tablet
status: Can use the funds, but will wait until finding out about availability of Hospital's projector.
- conduct visual inspection during parking lot and slab removal at S-133 - notify BCT if sampling is necessary
status: Work has not started yet. New issues will be discussed as an agenda item.

NSA Memphis - Public Affairs (Sue Hosmer):

- Place reminder calls to RAB members prior to RAB meetings to increase attendance
status: Next RAB

SOUTHDIV (David Porter):

- revise and finalize FOSL for BRIG
status: EPA comments incorporated, finalized and signed by SOUTHDIV CO. No comments received from TDEC.
- continue coordination on early transfer of airfield (point paper, etc.)
status: Point paper and draft agreement are still being reviewed by SOUTHDIV legal counsel.

SOUTHDIV (Mark Taylor):

- Review the following documents:
Groundwater Well Management Plan
status: Will do in July.
SWMU 7/Northside Groundwater RFI Report
status: Has not received.
VCA Report - Gasoline Pits and SWMUs 3, 7, & 18
status: Has not received.
SWMU 66 VCA Report
status: Has not received.
Follow-up Gray Area Report (Northside)
status: Has not received.
MAG-41 Drum Storage Area Gray Area Work Plan
status: Just received.
SWMU 59 VCA Work Plan
status: Will do next week.

Assembly E RFI Report

status: Just received.

Assembly F CSI Report

status: Has not received.

Administrative Record (coordinate with EnSafe on media preference)

status: Will check with other SOUTH DIV RPMs.

- Arrange for CSY Detachment to remove petroleum contaminated soil at SWMU 60 (work should coincide with North Fuel Farm removal/cleaning) and SWMU 5
status: Should be able to write them a scope after this meeting. Will do within next couple of weeks. NFF work is scheduled for August. E/A&H will prepare SWMU 5 VCA ASAP and quick reviews will be needed so that field work can be coordinated with the NFF field work. Soil from Navy Exchange that is currently stockpiled at SWMU 5 is part Special Waste and part clean. Danny Chumney is coordinating disposal. Funds have been requested from Navy Exchange for disposal of their portion.

TDEC (Jim Morrison):

- coordinate radiation survey by TDEC personnel with Rob Williamson
status:
- continue coordinate with TDEC Dry Cleaner program to notify Jetway of our sampling results.
status: TDEC will perform preliminary assessment. The property owner will be notified by TDEC that PCE has been detected during the Navy's environmental investigation and that TDEC is conducting the preliminary assessment. This notification will take place before the July RAB meeting at which time the RAB will be informed of the situation. (E/A&H distributed a tech memo documenting the investigation of the PCE contamination at BG-5 well cluster.
- Provide letters of concurrence for SWMUs 1, 3, 4, 6, 10, 11, 26, 27, 31, 36, 38, 40, 42, 44, 50, 51, 52, 53, 62, and 64 (based on EPA Region IV letter of 17 Mar 97)
status: Jordan English provided copies of Jim's approval letters for the SWMU 16 CSI Work Plan and the SWMU 60 VCA Work Plan.
- Provide review comments on the following:
SWMUs 15 & 21 RFI Report (need risk comments)
status:
SWMU 10 CSI Report
status:
SWMU 5 RFI Report
status:
- Provide approval on the following:
North Fuel Farm Tech Memo
status:
SWMU 16 CSI Work Plan
status: Done
SWMU 60 VCA Work Plan
status: Done
- check UST regulations regarding the disposal of excavated soil, and any sampling requirements to determine if the samples must be biased toward hot spots.
status:
- provide approval/comments on SWMU 60 RFI report
status:
- conduct telcon with EnSafe/EPA 1st week of June to discuss CAMP review comments
status:
- check with TDEC Solid Waste Division personnel on the requirement for additional soil removal at N-121 spill
status: Backfilling without additional excavation was approved. Site was backfilled Monday, June 16.
- discuss SWMU 65 data with TDEC UST personnel to determine if any remedial action is required prior to the proposed Army Reserves construction project
status: Will check with Solid Waste Division (see discussion under first agenda item).

USGS (Jack Carmichael):

- Review the following documents:
SWMU 7/Northside Groundwater RFI Report
status: Has not received.
VCA Report - Gasoline Pits and SWMUs 3, 7, & 18

status: Has not received.
SWMU 66 VCA Report
status: Has not received.
Follow-up Gray Area Report (Northside)
status: Has not received.
MAG-41 Drum Storage Area Gray Area Work Plan
status: Received today.
SWMU 59 VCA Work Plan
status: Done. Gave to E/A&H today.
Assembly E RFI Report
status: Just received. Bill Parks reviewing.
Assembly F CSI Report
status: Has not received.

60 min

- Phase-out of EnSafe contract.
(Mark Taylor and Lawson Anderson)

Objective: Brief team on possible impact on phase-out of EnSafe contract, and contract options for fiscal year 1998 and beyond. No new work (award fee bearing) is to be placed on EnSafe after 1 October 1997. Goal is to have all EnSafe work completed by 1 October 1998. Work remaining under contract with EnSafe at the end of FY98 may be converted from cost-plus to firm fixed-price.

Discussion: SOUTHDIV has surplus cost-plus contracting capacity (three CLEAN contractors). Goal is to phase out ABB and E/A&H cost-plus contracts by 10/98 and convert any remaining work or new work to fixed price contracts or award to Brown and Root. At NSA Memphis, we should be able to complete remaining investigative work within the target period under the cost-plus contract. Work to be included in FY 1998 Execution Plan that would be fixed price includes Southside CMS, Assembly F RFI (four sites), and proposed fence for SWMU 2. Fixed price work for Northside will include POC wells for CMS, ongoing monitoring for natural attenuation (or chosen remedy), RFI (if needed) at SWMU 18, and statement of basis preparation.

Decisions: None required at this time.

Assignments: None at this time.

30 min

- Follow-up on ecological risk assessor's site visits of 29 May/Update on SWMU 8
(Lawson Anderson and Brian Mulhearn)

Objective: Provide BCT with a brief on issues discussed during/resulting from Karen Prochnow's (EPA Region IV) and Charles Jobe's (TDEC) site visits. Review additional sampling results from SWMU 8 (if available).

Discussion: EPA and TDEC risk assessors visited sites with E/A&H. Specific sites that need addressing included SWMU 60 (if proposed road does not go through wetland), SWMU 10 (needs eco risk assessment), and SWMU 8 (conduct wildlife

contaminant exposure modeling for several species using the latest dieldrin results). Karen Prochnow (EPA contract eco risk assessor) requested that exposure modeling incorporate home range of species modeled and that the shrew be included as an indicator species. E/A&H performed the modeling which resulted in an HQ less than 1 (HQ between 1 and 10 indicates minimal risk). Karen P. also recommended chemical substitutions if data unavailable for a detected contaminant. This will be done on a chemical-specific basis if a surrogate can be found with similar toxicological properties.

Decisions: Complete RFI report revisions and incorporate new human health and eco risk information.

Assignments: Brian D. will check calculations and have eco risk person review the tables, then let E/A&H know whether to proceed with revisions. Brian M. will provide a table of home ranges and references to Brian D.

60 min

- Discuss review comments on CSI report for SWMU 10 (Lawson Anderson, with Brian Donaldson and Jordan English)

Objective: Review TDEC/EPA comments, discuss, and come to consensus on report

Discussion: The discussion centered around whether a NFA recommendation is appropriate when methylene chloride was detected in groundwater at concentrations exceeding its MCL of 5 ppb. Brian M. pointed out that a concentration of 6 or 7 ppb is equivalent to 2E-06 risk if RBC is 4.1 ppb. To exceed the 1E-04 risk threshold, the concentration would have to be above 410 ppb. If inhalation pathway included, concentration would still need to be above 200 ppb. Further review of the document indicates that methylene chloride was present in soil samples at the same locations it was detected in groundwater. Concentrations in soil were not high, but did exceed SSLs.

Decisions: Brian D. will review data with Ted Simon later this week or Monday to determine if groundwater should be resampled to verify presence of methylene chloride or if NFA is appropriate from a risk standpoint.

Assignments: See Decisions

Tuesday, 24 June 1997

8:00 am - 5:00 pm Environmental Conference Room, Bldg S-241

60 min

- Installation of FAA airport fence by Millington Aviation Authority (Rodger Aitken and Russ Noble)

Objective: Review of plans for placement of fence (currently under construction) around airfield to support FAA requirements. Come to consensus on placement of fence near SWMUs 8 and 10

Discussion: FAA Military Airport Program requires that lighting and fencing meet civilian standards. Fencing needed to control human and wildlife "traffic." Russ Noble, Airport Manager provided an overview of the fencing project and showed the team the footprint of the new fence around the airfield. The fence will not cross ditches, Navy Lake, or the wetland north of SWMU 8. Instead, there will be a break the width of the ditch. The cutting and grading of soil in the SWMU 8 area (terrain must be level with runway out to a distance of 500' from centerline) is still planned. Topsoil that is excavated will be retained and placed back on site. Subsurface soil will not be sold. It will be retained for future use. At SWMU 10, the proposed fenceline does not appear to cross the area of buried debris indicated by the previous geophysical survey.

Decisions: Dependent upon EPA risk assessor review of eco risk assessment for SWMU 8, the proposed footprint of the fence should not be adversely affected by any SWMUs, particularly SWMUs 8 and 10.

Assignments: Russ Noble will look into possibility of adding a gate to provide access to SWMU 8 area. Brian Donaldson will have risk assessor review SWMU 8 eco risk numbers when he gets back in office. Rodger Aitken will coordinate SWMU 8 cutting and grading project with the BCT.

30 min

- Review SWMU 14 data superimposed with the proposed fire station (Lawson Anderson with GIS/Arcview support and Rodger Aitken)

Objective: Determine if proposed fire station can be sited at SWMU 14 (location preferred by Rodger Aitken)

Discussion: Location needs to be accessible to a main traffic artery and close to housing. Proposed location facing 7th Avenue is on top of area of SWMU 14 where PCE and TCE have been detected in loess soil and groundwater. Alternative location faces Savitz at intersection with 7th Avenue. Plans are to extend service road along 7th Avenue north to Savitz. The year 2000 is the projected construction date, but could occur as early as 1998.

Decisions: No immediate decisions required.

Assignments: Rodger Aitken will check construction plans to see foundation piles are included in the design.

min

- Develop agenda and assignments for July RAB meeting, review CMS fact sheet, review RAB exercise for CMS criteria ranking (David Porter)

Objective: Develop agenda and assignments. Come to consensus on CMS fact sheet and RAB exercise for CMS criteria ranking

Discussion: The team reviewed and revised the CMS fact sheet. CMS RAB exercise - the team discussed the pros and cons of having the RAB go through the exercise. RAB agenda items - N-121 follow-up, CMS overview including timeline for completion (John Stedman), status of realignment (Lt. Jones), PCE contamination at BG-5 (Jim Morrison), site update handout and presentation covering BRAC and DERA sites with work still to be done including USTs (Lawson Anderson), and general update (David Porter). Be prepared for more formal dry run with new CO.

Decisions: Fact Sheet - The "Three Steps" section should be revised to reflect the text in Appendix C of the NSA Memphis RCRA permit. CMS Exercise - Postpone the exercise. Instead, offer a "straw-man" list of possible topics (including the CMS exercise and more input from reuse committee and/or the airport authority) for the next RAB meeting. Have the RAB members choose from this list.

Assignments: E/A&H will make the changes and distribute the revised fact sheet by July 3 for a follow-up review. Comments due back to E/A&H by July 11. Rob Williamson will let Randy Wilson know that updated info on status of USTs will be needed for RAB presentation. E/A&H will prepare site update list and straw-man list by July 14.

60 min

- Review SWMU 5 soil sampling results along with UST soil results (Lawson Anderson with GIS/Arcview support and Randy Wilson)

Objective: Come to consensus on plan for removal of pads and soil

Discussion: The team reviewed soil and groundwater data from the RFI and from a 1992 UST investigation.

Decisions: Prepare VCA Work Plan for removal of east fire mat (Pad 305) and soil in area of loess MW-08. Jim Morrison has mentioned that TDEC might want to collect soil samples in the southeast corner of the site. If this is still planned, the samples should be collected before the VCA work plan is finalized.

Assignments: E/A&H will prepare the work plan as quickly as possible and distribute to BCT concurrently with Navy/USGS/Activity in order to obtain approval in time for August field work.

30 min

- Update on tank work/discuss tank issues (Randy Wilson)

Objective: Brief the BCT on completed, ongoing, and planned tank work. Discuss spill prevention issues at the Flying Club.

Discussion: Postponed until next meeting (Randy W. out of town).

Decisions: None required at this time.

Assignments: None required at this time.

60 min

- Follow-up to meeting with Frank Chapelle/CMS Work Plan contents (Lawson Anderson and John Stedman)

Objective: Discuss information provided by Frank Chapelle, decision reached by the BCT. Develop consensus on the content and format for the CMS Work Plan

Discussion: The team reviewed the outline for the CMS Work Plan for Northside fluvial deposits groundwater and found it to be acceptable. The CMS for loess soil and groundwater will be covered in a separate work plan. The CMS will likely evaluate natural attenuation, air sparging, and in-well stripping. Based on previous input from Kay Wischkaemper and Brian Donaldson, pilot studies for air sparging and in-well stripping have not been included in the work plan. Instead, data from previous studies/literature will be used to evaluate these technologies. Brian D. provided a copy of information on in-well vapor stripping that he downloaded from the internet (www.gwrtac.org). He also suggested searching the CLU-IN Database for sites with similar site conditions, particularly the Hill AFB site in Utah.

The team briefly discussed last month's meeting on natural attenuation with Frank Chapelle (USGS). David Porter asked if anyone had any second thoughts or different ideas about what was discussed and decided at the meeting. Everyone was still in agreement about the conclusions and decisions from the meeting. Brian D. noted that Kay W. was satisfied with the data collected to date and the proposed plan and approach for the CMS.

Decisions: Proceed with the CMS Work Plan as proposed in the outline.

Assignments: E/A&H will prepare the work plan.

60 min

- Discuss review comments on CAMP (Lawson Anderson, with Brian Donaldson and Jordan English)

Objective: Review TDEC/EPA comments, discuss, and come to consensus on plan

Discussion: EPA's written comments were discussed briefly.

Decisions: Because the CAMP is technically a RCRA document for RCRA sites, gray area investigations will be included in the CAMP if/when they become SWMUs or AOCs. The comment suggesting geoprobe sampling at the Assembly G sites where only hand auger samples are proposed (because wastes were stored above ground) will be addressed after the BCT has commented on the Assemblies G & H CSI Work Plan.

Assignments: Lawson Anderson will call Jim Morrison Monday to discuss obtain TDEC comments on the CAMP, then revise the document.

15 min

- Chromic acid spill at N-121
(Lawson Anderson and Robert Smith)

Objective: Brief BCT on status of spill cleanup

Discussion: The excavated area was backfilled Monday, June 16. Brian D. suggested that a copy of the cleanup report be provided to the EPA RCRA Compliance group. Rob Williamson noted that all of the excavated soil will be disposed of as hazardous waste.

Decisions: A copy of the cleanup report will be provided to the EPA RCRA Compliance group.

Assignments: E/A&H will provide an extra copy of the report to the Activity, so they can forward it to EPA.

15 min

- DERA Gray Area sampling
(Rob Williamson)

Objective: Review team decisions from site walk over of buildings S-86 and S-133

Discussion: Original plan was to demolish S-86 and leave pad for parking. Latest plan is to possibly remove the slab. Target date for construction is October.

Decisions: If desired, it is okay to proceed with removal of the slab.

Assignments: The Activity will observe pad removal, if it happens, to look for possible signs of contamination. The Activity will also coordinate with James Worthy at SOUTHDIV concerning closure of the NATTC hazardous waste accumulation point in the vicinity of S-231 and S-233.

70 min

- Discuss proposed Southside construction by Army Reserves at SWMU 65 (Lawson Anderson with GIS/Arcview support)

Objective: Develop consensus on remedial action required, if any, prior to construction by the Army Reserves.

Discussion: The team reviewed the Army construction plans and the TPH data for the site. The area to be affected by construction does not include the former spill area. Within the area of construction, none of the 18 DPT sample locations exceeded the 500 ppm TPH cleanup level. One location did have a TPH concentration of 310 ppm, all others were less than 100 ppm. In the area of the spill, two locations exceeded 500 ppm. In the center of the former spill area at 3'-4' below land surface, the TPH was 700 ppm. Just south of the spill, a TPH concentration of 910 ppm was detected at 5'-7' below land surface.

Decisions: Construction can proceed upon receipt of TDEC approval.

Assignments: Jordan E. will have Jim Morrison check with TDEC UST and/or Solid Waste Division personnel to determine if construction can proceed. Funds are available to begin construction immediately. The Activity will place stakes/flags at each of the original four monitoring wells to help equipment operators avoid them during construction. E/A&H will provide the Activity a drawing showing the area of concern (former spill area) and the location of the 310 ppm TPH hit.

30 min

- Discuss Army Corps of Engineer levee project near SWMU 2 (Lawson Anderson, with GIS/Arcview support)

Objective: Come to consensus on whether or not site soil cut from the proposed ditch can be used in developing the new levee

Discussion: See personal assignments (Rob Williamson)

Decisions: TDEC prefers that soil cut for ditch be laid over on landfill, rather than incorporated into levee.

Assignments: None

Wednesday, 25 June 1997

8:00 am - 10:00 am Environmental Conference Room, Bldg S-241

30 min

- Review Deliverable Schedule and priorities (Lawson Anderson)

Objective: Establish review priorities and assignments for the July BCT meeting.

Discussion: The team reviewed the schedule to determine which documents should be reviewed by the next BCT meeting.

Decisions: The monitoring well abandonment and long-term groundwater monitoring recommendations memo will be discussed at the July meeting. TDEC approval needed for North Fuel Farm soil removal

Assignments: Jim Morrison - provide approval for North Fuel Farm soil removal

30 min

- Radiation Survey
(Rob Williamson)

Objective: Come to consensus on who will perform the survey, and exactly what buildings and areas will be included in the survey.

Discussion:

Decisions: E/A&H will perform the survey with EPA oversight. EPA personnel that might be involved are John Richards and/or Rick Button. They will need a couple of weeks notice.

Assignments: E/A&H will prepare a brief description of how the survey will be performed.

30 min

- Plans for additional investigative work at SWMU 2
(Lawson Anderson and Jack Carmichael)

Objective: Discuss objectives and alternatives for additional investigative work needed at SWMU 2.

Discussion: USGS and E/A&H met last week to begin discussing the additional investigation of SWMU 2. Information that each party has that is needed to develop a strategy was identified. A follow-up meeting was scheduled for immediately after the BCT meeting. Preliminary ideas about how best to sample sediments within and groundwater on the south side of Big Creek were discussed.

Decisions: Develop a strategy for additional investigation.

Assignments: E/A&H, USGS, and EPA met at EnSafe after the meeting and developed a strategy that E/A&H will propose in a technical memo work plan next week.

in

- Summarize decision reached during the BCT meeting/review of assignments (Rob Williamson and Lawson Anderson)

Objective: Review decisions to confirm consensus

Discussion: Time did not allow.

Decisions:

Assignments:
