

**MEETING MINUTES
MCB CAMP LEJEUNE PARTNERING TEAM
January 10 - 11, 1995**

A Partnering Meeting was conducted on January 10 -11, 1995 between representatives from LANTDIV, MCB Camp Lejeune, the United States Environmental Protection Agency (EPA), the North Carolina Department of Health, Environment, and Natural Resources (DEHNR), Baker Environmental, Inc. (Baker), and OHM Remediation Services, Inc. (OHM). The meeting was attended by the following:

- Ms. Linda Saksvig, LANTDIV
- Ms. Katherine Landman, LANTDIV
- Mr. Byron Brant, LANTDIV
- Mr. Neal Paul, MCB Camp Lejeune
- Ms. Gena Townsend, EPA Region IV
- Mr. Patrick, Watters, North Carolina DEHNR
- Mr. Raymond Wattras, Baker
- Mr. Rich Bonelli, Baker
- Mr. Matt Bartman, Baker
- Mr. Dwayne Currie, OHM
- Mr. Jim Dunn, OHM
- Mr. Dick Handrahan, Management Edge (ME)

The meeting was hosted by Mr. Dick Handrahan. Ms. Katherine Landman chaired the meeting. The minutes were recorded by Mr. Matt Bartman. The Tier II representative was Mr. Byron Brant.

The minutes are summarized below for each day of the meeting and by topic.

January 10, 1995

Day one of the meeting focused on the following items:

- Agenda Review
- Schedule/Agenda Priorities
- Review Action Items
- Facilitator Training/Partnering Exercises

A summary of the pertinent information, action items, and decisions is provided below.

Agenda Review

The following issues were added to the January 11, 1995 agenda:

- Recap Operable Unit No. 4 alternatives
- Discuss A/E of record

Review of Previous Meeting Minutes and Action Items

- There were no changes to the "draft" meeting minutes. The draft minutes were accepted as "final."

- Ray Wattras spoke to John Mentz (Baker) regarding the A/E engineer of record. Baker will serve as the A/E of record. Ray indicated that the design "philosophy" at LANTDIV has changed. Baker will provide full design services of buildings, structures, etc., but will only provide OHM with performance specifications for treatment items (e.g., air stripper, water treatment plants, etc.). OHM will build the treatment components based on a performance specification.
- Baker has evaluated capping and subsurface barriers at Site 74, but will probably screen out these technologies based on effectiveness and because there is little risk posed by this site.
- Ray Wattras indicated that Baker has forwarded the draft RI and FS reports for CTO-212 to USACMDA for review. Mr. Byrd of USACMDA called Ray in response to technical questions Baker raised with USACMDA. Specifically, Baker requested information on the risks involved with pumping and treating groundwater at Site 69 with respect to the agents at this site. Mr. Byrd indicated that based on existing information, he sees very little risk in encountering agents in groundwater at this site. Furthermore, he sees that the agents would not pose possible impacts to the operators of the treatment system. This conclusion was based on the fact that no degradation products were detected in the groundwater, and the types of agents at Site 69 (chemical agent identification kits) would not release large quantities of agents. Mr. Byrd indicated that they are having no "air" releases treating groundwater at another site which is far more contaminated with agents than Site 69.
- Ray Wattras indicated that Baker forwarded all existing final documents pertaining to Camp Lejeune to ATSDR per Neal Paul's request.
- Linda Saksvig has taken over the Sites 6 and 82 soil removal project from Mr. Jim Sykeman. Linda has generated the necessary paper work for NEESA, but still needs to call them.
- Kate Landman indicated that she will be meeting with Neal Paul and Mark Barnes on January 17, 1995 to discuss UST/IR sites.
- Patrick Watters has received a decision from the DEHNR regarding the need to prepare CAPs for IR sites (see minutes for January 11). A copy of the new CAP guidelines will be forwarded to Ray Wattras.
- Neal Paul indicated that his staff searched their files for the base maps which depict the IR sites, but no maps were located. Kate Landman also indicated that the maps were not located at LANTDIV.
- Neal Paul stated that the contaminated soil at Site 22 will be handled under the UST program and not the IR program.
- Neal Paul indicated that his staff found no additional information regarding the tank removal at Site 35.
- Neal Paul stated that he has located a company that will provide a one-day RCRA training course. Neal is looking into getting a one-day course in conjunction with one of the Partnering meetings.
- Kate Landman indicated that she has forwarded a letter to EPA and the DEHNR regarding the change in schedule for Operable Unit No. 7 (Sites 1, 28, and 30).
- Kate Landman stated that a letter has been prepared indicating that additional sampling will be performed at the former location of the UST at Site 35 to ensure that all TPH-contaminated soil was removed.

- Kate Landman indicate that the schedule for the Site 35 interim soil removal is being evaluated between the ROICC, LANTDIV, and OHM.
- An interim remedial action to focus on the onsite groundwater problem at Site 35 will be initiated while the offsite groundwater problem is studied, according to Kate Landman. A letter will be prepared which outlines the schedule for the interim PRAP and ROD.
- Dwayne Currie distributed a copy of OHM's work order status for MCB Camp Lejeune.
- Rich Bonelli indicated that a schedule modification letter for OU No. 7 (Sites 1, 28, and 30) was forwarded to LANTDIV.
- Gena Townsend forwarded a copy of OU No. 4 RI and FS comments to Ray Wattras and Linda Saksvig.
- Byron Brant indicated that he was not able to discuss the funding issue for Walt Haven since the Tier II meeting was canceled.

Facilitator Training/Partnering

- The Partnering Team discussed Conflict/Resolution and took the Thomas Killman test in order to assess the Team's reaction for handling conflict/resolution. Overall, the Team was geared for "compromising" and "collaborating" when conflicts arise.
- The following "rules" were applied to resolving conflicts:
 - The Team must have a willingness to resolve the conflict.
 - The process must be called forth when a conflict arises (the person naming the conflict should lead in resolving the conflict).
 - Technical and regulatory issues should be identified during the conflict.
 - The technical and regulatory issues should be thoroughly discussed.
 - Conflicts should be resolved through a combination of compromising and collaborating.
 - Team members should not "take it personally" when resolving conflicts be objective.
 - Team members who are not directly impacted by the conflict should provide feedback and help facilitate the resolution.
 - Obtain closure through resolution.
- Team member exiting procedures were discussed by the Team. The following rules were discussed:
 - If possible, the exit procedures should be linked to new member entry procedures.
 - Team member responsibilities should be transferred.
 - The person leaving the group should notify other Team members, if possible.
 - The Team should acknowledge the person leaving (Optional).

January 11, 1995

Day two of the Partnering Meeting focused on technical issues. A summary of these issues, by subject matter, is provided below.

Regional Groundwater Study

- Linda Saksvig stated that the scope of the Effluent Study is changing due to the number of UST sites. In addition, groundwater pumping impacts will be evaluated as part of the study.
- Kate Landman and Linda Saksvig will be meeting with Mark Spangler to discuss the UST sites at MCB Camp Lejeune.
- Baker provided the most recent USGS report to Gena Townsend and Patrick Watters.

Site 35 Remedial Approach/Groundwater Investigation

- A work plan will be forwarded to EPA/DEHNR outlining the additional field studies necessary to characterize the offsite groundwater plume.

Corrective Action Plans for OU No. 1 and OU No. 5

- Patrick Watters indicated that North Carolina will require CAPs for OU No. 1 and No. 5 per the 2L regulations. This presented a "conflict" since no CAPs were deemed necessary for previous operable units (e.g., No. 2 and No. 3), and because the studies are currently following CERCLA guidelines.
- The Team discussed the technical and regulatory aspects of the conflict, and decided to prepare CAPs for all future operable units.
- Although Patrick Watters "volunteered" to prepare the CAPs, a decision for Baker to submit the CAP with the final PRAP was agreed upon.
- The major difference between the FS and CAP is that the CAP requires certain criteria be addressed when contaminated groundwater is not remediated. One criteria is to "model" concentration levels at the site to determine the concentration at the nearest receptor.
- Baker will prepare CAPs for OU No. 1 and No. 5, but no "submittal date" was established.
- Linda Saksvig will advise Paul Rakowski (LANTDIV) of the Team's decision to prepare CAPs.

A/E Engineer of Record

- Baker will be the A/E engineer of record.
- Linda Saksvig will forward a copy of LANTDIV's design philosophy to Neal Paul.
- According to Byron Brant, Bill Russell would like some type of meeting to take place between Baker, OHM, LANTDIV, and the ROICC prior to the pre-construction meeting so that everyone better understands the problem at hand.

Partnering Meeting Guests

- Linda Saksvig indicated that the staff at ABL would like to sit in during the Team's next partnering meeting. ABL will be conducting formal partnering in the near future and would like to see what it is all about.

DOD Environmental Cleanup Award

- MCB Camp Lejeune and LANTDIV will be working on a submittal for consideration of MCB Camp Lejeune for the DOD Environmental Cleanup recognition award.

Conference Paper

- Ray Wattras informed the Team that Baker and LANTDIV have co-authored a paper on expedited remediation through Partnering. This paper was accepted at two conferences. The Team had no objection to this paper.

RCRA Training

- Neal Paul is looking into a one-day training course that can be given in conjunction with one of the Partnering meetings. Since the company sponsoring the training is from Raleigh, North Carolina, Neal is looking into combining this training when the DEHNR hosts the partnering meeting in Raleigh.

Ray Wattras Promotion

- Effective January 1, 1995, Ray Wattras was promoted to Deputy Program Manager of the Navy CLEAN Contract.
- Ray indicated that he will still be acting as the Activity Coordinator until May or June.
- Ray stated that he would like to continue to participate in Partnering since MCB Camp Lejeune is Baker's largest client under the Navy CLEAN Program.

CRDL/CRQLs

- Patrick Watters indicated that his office would like LANTDIV to consider changes in the analytical method for semivolatile organics (SVOCs) since some North Carolina drinking water standards are lower than the CRQL for CLP protocols.
- Matt Bartman explained the problems with changing the analytical method for SVOCs. In addition, Matt justified the need not to change the method.
- A decision was made not to change the analytical method for RI/FS projects. A different analytical method, using lower detection methods, will be employed during post-construction monitoring.

Operable Unit No. 4 Schedule

- Ray Wattras distributed a new schedule for the deliverables associated with the RI, FS, PRAP, and ROD documents. Baker will prepare a schedule modification for LANTDIV's approval.

- The treatability study (TS) work plan is scheduled to be submitted on March 10, 1995.
- Dwayne Currie indicated that Linda Rainer (DEHNR) has a working knowledge of the insitu air stripping technology. Dwayne offered to Patrick and other Team members that she may be able to offer her experiences with this technology during the TS.

Operable Unit No. 6 - Geophysics

- Patrick Watters requested that geophysics be conducted at Site 36 to evaluate the presence of buried drums. Rich Bonelli and other Team members concurred with the request.
- Baker will prepare a scope of work modification request to document this change since the Project Plans have already been finalized. Other changes in scope include:
 - Soil samples will be collected by a different technique (geoprobe) since it will reduce the amount of decon and labor efforts to obtain the samples. Rich Bonelli discussed this change with EPA personnel. Testing will be performed to see if the plastic sleeve results in phalate contamination.

CTO Update

- Ray Wattras distributed a copy of the CTO Status for MCB Camp Lejeune projects being performed by Baker. Ray summarized the major items. The following issues were noted:
 - The results of the Site 82 AOC B study will be forwarded to LANTDIV on March 2, 1995. A conference call will be conducted a week or so after the report is submitted to discuss the results and to evaluate further remediation options.
 - Baker will provide OHM with the design review schedule for OU No. 2 (CTO-0222).
 - EPA does not have any comments on the Draft Final Project Plans for OU No. 9. Patrick Watters indicated that the State will be reviewing these plans. Comments will be forthcoming.
 - The design project (CTO-0259) for soil removal at OU No. 1 is complete. The Final 100 percent design was submitted by Baker.
- Dwayne Currie and Jim Dunn distributed a copy of the CTO Status for MCB Camp Lejeune projects being performed by OHM.

Parking Lot Issues

- All parking lot issues have been addressed.

Action Items

Matt Bartman reviewed his notes and identified the following action items.

Byron Brant - Will provide copies of LANTDIV's partnering handout to the Team Members.

Linda Saksvig - (1) Will talk to Paul Rakowski regarding the decision to prepare CAPs. (2) Will send Neal Paul a copy of LANTDIV's design philosophy.

Ray Wattras - (1) Will inform project team members to prepare CAPs and submit the CAPs with the Final PRAP. (2) Will notify Don Joiner (Baker) about sending OHM a schedule for reviewing design drawings.

Rich Bonelli - Will prepare a letter outlining scope changes for the upcoming field investigation at OU No. 6. The letter will be forwarded to Linda Saksvig. Linda will forward the letter to Patrick and Gena.

Preliminary Agenda

The next Partnering Meeting will be held on February 15 - 16, 1995 in Norfolk, Virginia. The meeting will be hosted by Linda Saksvig and chaired by Neal Paul.

The Preliminary Agenda for the meeting was discussed. The items included the following:

- Results of Acetate Sleeve Testing
- Site 82 investigations results- soil, sediment, and groundwater sampling, and magnetometer survey
- PRAP for OU No 4 (discussion of alternatives for Sites 41 and 74)
- Site walk through video (Sites 3, 7, 16, and 80)
- Listening skills
- Update on Groundwater Study
- FFA Amendments
- Spending Plan
- ABL indoctrination