

**Baker**

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April 7, 1994

**Commander  
Atlantic Division  
Naval Facilities Engineering Command  
1510 Gilbert Street (Building N-26)  
Norfolk, Virginia 23511-2699**

**Attn: Ms. Katherine Landman  
Navy Technical Representative  
Code 1823**

**Re: Contract N62470-89-D-4814  
Navy CLEAN, District III  
Contract Task Order (CTO) 0233  
RI/FS for Operable Units No. 8, 11, and 12  
MCB, Camp Lejeune, North Carolina  
Meeting Minutes (March 30, 1994)**

Dear Ms. Landman:

Attached are the meeting minutes for the March 30, 1994 meeting at the USEPA Region IV office in Atlanta, Georgia. These minutes document the discussion between representatives of LANTDIV, Baker Environmental, Inc., USEPA Region IV, and the North Carolina DEHNR pertaining to the Final Sample Strategy Plan (Baker, 1994). Also enclosed is a disc with the minutes included under the file name "meeting".

If you have any questions, please do not hesitate to contact me at (412) 269-2053 or Mr. Raymond Wattras, Baker Activity Coordinator at (412) 269-2016.

Sincerely,

**BAKER ENVIRONMENTAL, INC.**

*Matthew W. Bartman*

**Matthew D. Bartman  
Project Manager**

MDB/jc

Attachments

**cc: Ms. Beth Hacic, Code 02145 (w/o attachment)  
Ms. Lee Anne Rapp, Code 183 (w/o attachment)  
Mr. Neal Paul**



A Total Quality Corporation

**MEETING MINUTES, MARCH 30, 1994**  
**RI/FS PROJECT PLAN SCOPING MEETING FOR CTO-0233**  
**OPERABLE UNITS NO. 8, NO. 11, AND NO. 12**  
**MCB CAMP LEJEUNE, NORTH CAROLINA**

A Remedial Investigation/Feasibility Study (RI/FS) scoping meeting was conducted on March 30, 1994 at the USEPA's Region IV office in Atlanta, Georgia. The purpose of this meeting was: (1) discuss the approach for the remedial investigation of these Operable Units (OUs) as presented in the Final Sample Strategy Plan (Baker, 1994), and (2) confirm the submittal documents and date for submittal of the Draft Project Plans.

The following personnel attended this meeting:

Ms. Katherine Landman, NTR, LANDTIV  
Ms. Gena Townsend, Remedial Project Manager, USEPA Region IV  
Ms. Jennifer Herndon, Hydrogeologist, USEPA Region IV  
Mr. Lynn Wellman, Life Scientist, USEPA Region IV  
Mr. Patrick Watters, Environmental Engineer, NC DEHNR-Superfund  
Mr. Ray Wattras, Activity Coordinator, Baker  
Mr. Matt Bartman, Project Manager, Baker  
Mr. Ed Kleinkauf, Project Geologist, Baker

Due to scheduling and appropriation difficulties, a representative from Marine Corps Base Camp Lejeune was unable to attend.

A copy of the attendance sheet is attached.

The meeting began at approximately 9:20 AM and concluded at approximately 2:30 PM.

After the introductions the meeting progressed in accordance with the subject matter outlined on the attached agenda. Mr. Bartman suggested that in order for all participants to become familiar with the sites that a video, shot during Baker's site reconnaissance in March 1994, be viewed prior to the discussion of each site. Additionally, Mr. Bartman stated that he would discuss the site location, history, and prior investigations. After Mr. Bartman's discussion, Mr. Ed Kleinkauf would describe Baker's investigation strategy which was presented in Baker's Final Sample Strategy Plan (SSP) (Baker, 1994).

Summarized below, by Operable Unit and site, are the relevant issues discussed at the meeting.

**Operable Unit No. 8 (Site 16) - Montford Point Burn Dump**

- With respect to the proposed test pits, Mr. Patrick Watters expressed a concern that if materials are encountered during this exercise the State of North Carolina may require that they be handled under the nonhazardous solid waste

regulations. Mr. Ray Wattras and Ms. Gena Townsend both stated that Baker is not a removal contractor and not the generator of this waste. Mr. Wattras also expressed that the intent of the regulation was not for investigation derived waste. This issue will require further examination of the intent of the regulation in order to be resolved.

- An option to collect one composite soil sample from each test pit was agreed upon. This sample will be collected if visual debris or contamination is uncovered, or if elevated field instrument readings indicted the potential presence of contamination.

- In order to reduce the handling, analytical, and disposal cost of investigative derived waste (IDW), Baker requested that soil cuttings, generated during the investigation, be used as backfill. Past practices have involved containerizing these cuttings in roll-off boxes until proper disposal methods were determined. For the submittal of the Draft Project Plans this practice will be proposed. However, if Mr. Patrick Watters is able to resolve the backfilling issue, Baker will revise the IDW handling to involve backfilling of boreholes with soil cuttings.

- For the purposes of conducting a ecological/terrestrial assessment, Mr Lynn Wellman requires that at a minimum an identification of ecological and terrestrial receptors be identified. Mr. Ray Wattras has taken this under advisement with Mr. Tom Biksey, Baker's Senior Ecological Scientist. An Ecological Scientist will be part of the Baker Field Team. A minimum one day visit will be conducted as part of the field investigation in order to provide a habitat evaluation. Additionally, Mr. Wellman suggested that particle size distribution and total organic carbon (TOC) be determined on sediment for any site where metals may be contaminants of potential concern.

- Ms. Jennifer Herndon expressed concern that no wells were being installed within the burn dump area. Mr. Kleinkauf explained that in the text of the Final SSP, two shallow monitoring wells are proposed to be installed in the burn area. Additional discussions concluded that these two wells would be installed. Location of these wells will be determined based on visual observation or elevated field instrument readings. Different drafting symbols will be used to indicate these wells on the Draft Project Plan figures.

#### **Operable Unit No. 11 (Site 7) - Tarawa Terrace Dump**

- Ms. Townsend expressed a need for a surface soil investigation to be conducted in the Tarawa Terrace Community Center Playground. This area is on the northern border of the site and is a potential concern for the human health risks. This investigation will be added to the scope of the soil

investigation in the Draft Project Plans.

- An additional monitoring well was discussed for the area south of the community center playground. This well will be installed as a temporary well where a test boring sampling grid location has been proposed. This well is necessary to complete a groundwater data gap in this part of the study area. PCBs have been detected in soil samples collected from this area.

- Results from the groundwater sampling conducted under the UST investigation will be reviewed. This investigation is being conducted immediately upgradient of the study area. On the basis of the review, monitoring wells installed under the UST investigation may be sampled under this RI/FS investigation. These wells were recently installed and sampled. Mr Tom Morris of MCB Camp Lejeune has a Draft version of the reported findings.

- For the purposes of conducting a ecological/terrestrial assessment, Mr Lynn Wellman requires that at a minimum an identification of ecological and terrestrial receptors be identified. Mr. Ray Wattras has taken this under advisement with Mr. Tom Biksey, Baker's Senior Ecological Scientist. An Ecological Scientist will be part of the Baker Field Team. A minimum one day visit will be conducted as part of the field investigation in order to provide a habitat evaluation. Additionally, Mr. Wellman suggested that particle size distribution and TOC be determined on sediment for any site where metals may be contaminants of potential concern. Because of the marsh conditions in the southern portion of the study area, Mr. Wellman will speak with Mr. Biksey regarding the need to conduct benthic residue analysis and biota residue analysis.

**Operable Unit No. 11 (Site 80) - Paradise Point Golf Course Maintenance Area**

- No modifications to the proposed investigation were discussed. However, Ms. Townsend mentioned that the investigation does not include any soil sampling around the existing building structures. LANDTIV and Baker agreed to collect a surface soil and subsurface soil sample from 4 locations. Two locations will be between Building 1916 and Building 600, the two other locations will be on the west side of Building 1916. These locations will be presented on figures in the Draft Project Plans.

**Operable Unit No. 12 (Site 3) - Old Creosote Plant**

- Only one modification was suggested to the proposed sampling strategy. Ms. Townsend requested that because prior investigations have concentrated on semivolatle contaminants only, at least one soil and one groundwater sample should be

collected for analysis of full TCL organics and TAL metals. LANDTIV and Baker agreed to add these samples to the Project Plans.

### **Project Deliverables**

In order to reduce costs and provide a sufficient number of copies, Mr. Bartman asked each party the number of copies of the Draft Project Plans they require. The following is a list of deliverables that were agreed to:

- Ms. Gena Townsend, USEPA Region IV  
6 copies of the Draft Project Plans  
3 copies of the Draft Health and Safety Plan
- Mr. Patrick Watters, NC DEHNR-Superfund  
1 copy of the Draft Project Plans  
1 copy of the Draft Health and Safety Plan
- Ms. Katherine Landman, LANDTIV  
3 copies of the Draft Project Plans  
3 copies of the Draft Health and Safety Plan

Mr Bartman explained that these plans would be submitted under the revised format. Under the revised format the Project Plans will consist of a single document which will include the Work Plan, the Field Sampling and Analysis Plan, and the Quality Assurance Quality Control Plan. The Health and Safety Plan will be a submitted as a stand alone document.

### **Data Quality Issues**

During the presentation of the proposed investigation, Mr. Wattras posed a question as to why USEPA Level IV (NEESA Level D) data is required for these investigations. Mr. Wattras explained a cost savings measure and enquired as to why couldn't we request Level III (NEESA Level C) data. Ms. Townsend has had input from Region IV Central Regional Laboratory regarding this issue. The outcome of these discussions is that Level III data could be used for the investigations conducted under this program. Mr. Bartman emphasized that caution must be taken when selecting methods under Level III. Although, Level III analysis allows for the use of non-CLP methods, attempting to combine data from non-CLP methods with CLP data may not be achievable. It was concluded that when appropriate analysis will be conducted in accordance with USEPA Level III data quality using CLP methods and that approved USEPA methods will be used only when non-CLP data is required.

**Agenda**  
**Remedial Investigation/Feasibility Scoping Meeting for**  
**Operable Unit No. 8 (Site 16)**  
**Operable Unit No. 11 (Sites 7 and 80)**  
**Operable Unit No. 12 (Site 3)**  
**CTO-0233**  
**MCB Camp Lejeune, North Carolina**

9:00	AM	-	9:15	AM	Introduction
9:15	AM	-	10:15	AM	Operable Unit No. 8 (Site 16)
10:15	AM	-	10:30	AM	Break
10:30	AM	-	11:30	AM	Operable Unit No. 11 (Site 7)
11:30	AM	-	12:30	AM	Break
12:30	PM	-	1:30	PM	Operable Unit No. 11 (Site 80)
1:30	PM	-	2:30	PM	Operable Unit No. 12 (Site 3)
2:30	PM	-	3:00	PM	RI/FS Project Plan submittal and review

