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DEPARTMENT OF THE NAVY
ATLANTIC DIVISION
NAVAL FACILITIES ENGINEERING COMMAND
1510 GILBERT ST
NORFOLK VA 23511-2699

TELEPHONE NO:
(804) 322-4818

IN REPLY REFER TO:
5090
1823:KHL:jam
APR 21 1994

CERTIFIED MAIL RETURN RECEIPT REQUESTED

United States Environmental Protection Agency, Region IV
Attn: Ms. Gena Townsend
Waste Management Division
345 Courtland Street, N.E.
Atlanta, Georgia 30365

Re: MCB Camp Lejeune; Operable Units 8, 11, and 12
(Sites 3, 7, 16, and 80)

Dear Ms. Townsend:

Enclosed please find meeting minutes for the March 30, 1994 sample strategy meeting at your offices. These minutes document the discussion between representatives of US EPA Region IV, North Carolina DEHNR, LANTNAVFACENGCOM, and Baker Environmental, Inc. pertaining to the Final Sample Strategy Plan (Baker, 1994) for Sites 3, 7, 16, & 80.

Please contact Ms. Katherine Landman at (804) 322-4818 should you have any questions or concerns.

Sincerely,

for L. A. BOUCHER, P.E.
Head
Installation Restoration Section
(South)
Environmental Programs Branch
Environmental Quality Division
By direction of the Commander

Attachment

Copy to:
NC DEHNR (Mr. Patrick Watters)
MCB Camp Lejeune (Mr. Neal Paul)
Activity Admin Record File

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, LANTDIV
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 non-hazardous 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. LANTDIV 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 semivolatile 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, LANTDIV
  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 inquired 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 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

R. 5 Scoping Meeting
USEPA Region IV

Name	Title	Company/Agency	Phone Number
Mathew Bartman	ProjMgr/Risk	Baker Env	(412) 269-2053
EDWARD ADEMAKAIF	PROJ GEOLOGIST	BAKER ENV	(412) 269-4688
GENA D. TOWNSEND	Proj. MANAGER	EPA - FFB	(404) 347-3016
RAY WATTRAS	Proj Mng.	Baker	(412) 269-2016
KATHERINE LANDMAN	Proj Mgr	LANTDIV	(804) 322-4818
Jennifer Herndon	Hydrogeologist	EPA-GWPB	(404) 347-3866
Lynn H. Wellman	Life Scientist	EPA-OHA	404/347-1586
PATRICK WATTERS	ENV. ENGR	NC-SUPERFUND	919 733-2801