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MINUTES FROM 19 JANUARY 1995 BASE REALIGNMENT AND CLOSURE TEAM MEETING  
NTC ORLANDO FL  
1/19/1995  
ABB ENVIRONMENTAL

**MEMORANDUM**

**To:** Wayne Hansel

**From:** Jim Manning *JM*

**Date:** January 19, 1995

**Subject:** Minutes of BCT Meeting, January 12 & 13, 1995

**Attendees:** LCDR Catherine Ballinger (NTC PWO)  
Wayne Hansel (SouthDiv)  
Barbara Nwokike (SouthDiv)  
Billy Drawdy (SouthDiv)  
Harry Doo (SouthDiv)  
Robert Rivers (SouthDiv)  
Luis Vazquez (SouthDiv)  
Greg Baker (SouthDiv)  
Craig Brown (USEPA Region IV)  
David Clowes (FDEP)  
Susan Goggin (FDEP)  
Mark Diblin (ABB-ES, Tallahassee)  
Ken Busen (ABB-ES, Tallahassee)  
Mark Salvetti (ABB-ES, Wakefield)  
Tara Hemmer (ABB-ES, Arlington)  
Rick Allen (ABB-ES, Jacksonville)  
Jim Manning (ABB-ES, Jacksonville)

The meeting started at 1100 in the BRAC Environmental Coordinator's (BEC) conference room in Building 2078.

**Group I Site Screening Report**

The subject of the initial discussion was the results of the Group I site screening (SS) efforts. Craig Brown noted that he has received SS preliminary risk assessment guidance from Ted Sloan (EPA) for use in developing a FOST/FOSL. He will distribute the guidance to the BCT members. In response to questions concerning the purpose of this SS report, Wayne stated the intent is to provide analytical results to the BCT and for them to decide on the next action needed for each site, i.e., no further action, further sampling, preliminary risk evaluation, or designation as an operable unit.

The SS report presented to the BCT was a preliminary draft containing the analytical results of the sampling, maps of the sampling locations, and recommendations for further actions. Rick Allen presented the findings of the SS sampling on a site-by-site basis. The decisions of the BCT are as follows:

- Study Area 1: Recommendations of the report accepted. No further action needed.
- Study Area 2: Recommendations of the report accepted. No further action is needed on Facility 6001. Completion of the site screening of the general area at Herndon Annex is needed before

a recommendation can be made.

- Study Area 3: Due to a possible transpositional error in reporting the analytical results, the analysis of this site is not complete. A recommendation will be made later.
- Study Area 4: Recommendations of the report accepted. No further action needed.
- Study Area 5: Recommendations of the report accepted. No further action needed.
- Study Area 6: The BCT accepted the recommendation of using a diver to visually affirm the magnetometer anomalies. The BCT also recommended:
- comparing the analytical results to Florida's sediment screening values;
  - providing the magnetometer contour maps in the SS report; and,
  - including the TCL analytical result in the text of the report.
- Study Area 7: There are no magnetometer anomalies in Lake Susannah on Navy property, therefore, no further action is recommended.
- Study Area 8: Accepted recommendations of the report. Change the classification of the former WWTP lagoons (UNF-15) from Grey to Light Green. Perform a preliminary risk evaluation (PRE) on the Greenskeeper Storage Area to determine if further evaluation is needed.
- Study Area 9: Recommendations of the report accepted. Perform a PRE on the former pesticide and herbicide storage building to determine if further evaluation is needed.
- Study Area 10: Recommendations of the report accepted. No further action needed.

The BCT accepted the format of the report in general, but requested that the tables of the analytical results be included, in some form. The BCT requested that all analytical values for all sampling points, including "non-detects", be included in the reports. They discussed how to present the data, i.e., hardcopy, diskette, CD-ROM, or database. ABB and the Navy will investigate the best way to assemble the sample data, recognizing there are potential compatibility issues which may make data assessment difficult for FDEP and EPA.

#### UST Report

Ken Busen presented an update of the development of the Tank Management Plan (TMP), with the following significant points:

- There are 297 UST and AST at NTC;
- 38 tanks will remain after full closure of the base. All others will be removed by 1998.
- The TMP will be final in April, at which time tanks will begin to be removed.

Luis Vazquez discussed the private fuel pipeline that crosses the McCoy Annex. The US Air Force originally installed the pipeline. Responsibility for leaks and any corrective action rests with the current owner of the pipeline or holder of the lease. The Navy will investigate any previous leak test data. LCDR Ballinger will write the pipeline company to request any information regarding any previous leaks.

#### Group II SS Work Plan

Mark Salvetti presented the draft SS Work Plan for investigating the Group II sites, Study Areas 11 - 14. The plan was presented to the BCT for discussion, changes and approval at this meeting in order to expedite the review and implementation of the plan. The decisions of the BCT are as follows:

- Study Area 11: Plan accepted as presented.
- Study Area 12: Eliminate soil gas sampling. Divide the area into five representative sections and conduct one soil boring per area. Two soil samples will be taken in each boring; one just below the asphalt, and one at the water table. Four of the five borings will be completed as shallow monitoring wells.
- Study Area 13: Plan accepted as presented, except that double casing in the wells to the base of the shallow aquifer will not be required.
- Study Area 14: Plan accepted as proposed, except that two soil samples per boring will be collected.

Monitoring wells will be shallow rather than deep.

The BCT decided that, in general, double casing monitoring wells will only be required when completing wells below a confining unit, such as into the Hawthorn Formation or the Upper Floridan Aquifer.

#### Operable Unit 1 Work Plan

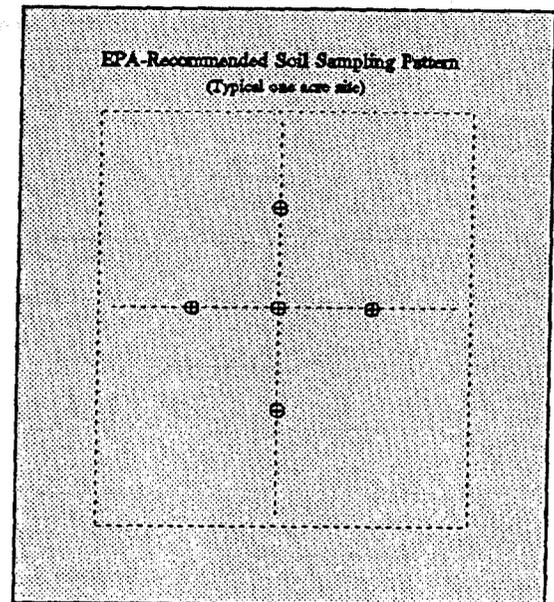
Rick Allen led a discussion of the OU1 workplan and comments offered by the BCT. In general, the BCT concurred with proceeding with the preliminary field work, i.e., geophysics, soil gas, surface soil sampling of landfill cover material, Terraprobe, and Cone Penetrometer Testing (CPT), prior to final approval the workplan and other aspects of the remedial investigation.

With regard to surface soil sampling of landfill cover, Craig Brown commented that one soil sample per acre is acceptable; however, EPA's definition of one sample is a composite of five samples collected on a pattern in the centroid of each one-acre square on the grid (see figure at right). Typically, the VOC sample would be collected as a grab sample from the central point, prior to compositing. He said that EPA is not firm on the compositing and may be willing to accept a single point. Whichever method is selected, VOC samples cannot be composited. ABB agreed to composite samples in accordance with EPA's preference.

Discussion ensued regarding the proper order in which site characterization sampling should occur. The conclusion was that Terraprobe occur first, then CPT. EPA and FDEP requested that conductivity tests be run on the terraprobe water samples, if the sample volume is adequate.

Other points discussed are as follows:

- If evidence arises that a contaminant may have reached a water body, then the water body should be tested; however, if there is no such evidence, then no testing is necessary.
- The BCT questioned the need for leachability testing in lake sediments. ABB will check on the necessity.
- Water samples during the CPT program will be taken every 10 feet or where transmissive zones exist.
- The final cover at OU1 should consist of at least two feet of clean cover material.
- The BCT agreed that only one-half, i.e., 30, of the soil vapor sampling implants around the perimeter of the landfill will be required for future monitoring purposes.
- All risk assessment and analyses will be conducted to satisfy both EPA and FDEP criteria.
- Language concerning the accuracy of methane meters will be clarified.
- David Clowes is to provide ABB and the BCT with the new 1994 Florida Groundwater Guidance Concentrations issued in December 1994.



Both Craig Brown and David Clowes were concerned that no full suite sampling and analysis was proposed. At least one sample from each medium (soil, sediment, groundwater, and surface water) should be analyzed for full suite (VOC, SVOC, pesticides/PCB, metals). Analysis for dioxin would not be required, unless there was evidence to suggest it may be present.

Individual comments provided by the BCT members were discussed at length. Wayne Hansel instructed ABB to prepare a comment-by-comment response to those submitted on the OU1 workplan. This will be done when final comments are received from FDEP. Craig Brown and David Clowes noted that if field work on OU2 is not coming online soon then they will not plan to review until about April. Wayne Hansel agreed to put OU2 "on the back burner" for review purposes.

#### **BRAC Cleanup Plan (BCP) Review/Update**

Tara Hemmer updated the BCT on the status of the NTC BCP. Discussion centered around information gaps such as: methods being used at NTC to fast-track cleanup; lead in paint and drinking water; technical issues that may have recently changed; and planned community actions. The following items will be provided to Tara:

- Rick Allen will provide updated RI/FS conceptual models after EPA and FDEP's comments are incorporated.
- Wayne Hansel will provide the new NTC Re-use Plan.
- Wayne Hansel will provide final cost estimates when they become available.
- Rick Allen will provide OU timelines from the workplans.
- Mark Salvetti will provide updated SS figures and lists of study area and priority zones.

The revised BCP is scheduled to be delivered to SouthDiv for final review on 15 February 1995.

#### **Miscellaneous Issues**

- The BCT directed the following items to be provided to the NTC Restoration Advisory Board (RAB):
  - Synopses of the OU1 and OU2 workplans prior to beginning work. A 1-2 page synopsis of the OU1 workplan will be prepared for distribution to the RAB and provided to LCDR Ballinger by 10 February 1995.
  - Text of the final SS reports as they are completed and after BCT review.
  - A presentation of the results of any group of field sampling efforts, such as Group I, Group II, or OU1, after BCT review of those results.
- David Clowes is to determine where, if at all, hazardous site warning signs are needed for the field activities at NTC. This is a regulatory requirement of FDEP.
- ABB needs to meet with Billy Drawdy regarding preparation of final EBS's. SouthDiv is ready to begin them as soon as possible. (A meeting has been set for the week of 30 January 1995 at NTC.)
- Wayne Hansel stated the lead-based paint survey at McCoy Housing was to have begun "in earnest" on 13 January 1995. The contractor is scheduled to have a draft report ready in March 1995. He suggested that contractor meet with AJT as soon as data is available so AJT can proceed with finalization of the management plans.
- The next BCT meeting was set for 2 and 3 March 1995.

The meeting adjourned at 1200.