



M E M O R A N D U M

TO: Technical Review Committee (TRC) Personnel
FROM: R. Johnson/J. Williams (Roy F. Weston, Inc.)
DATE: 14 December 1990
PROJECT: Naval Weapons Station Earle, Colts Neck, NJ
SUBJECT: Installation Restoration Program, Phase III Remedial Investigation/Feasibility Study

At the request of NAVFAC I am forwarding a copy of the minutes of the TRC meeting on 11 December 1990.

Should you have any questions, please call Rich Johnson at (215) 430-7315 or John Williams at (215) 430-7256.

JAW/alc



**Minutes of the
Technical Review Committee (TRC) Meeting**

Location: NWS Earle, Colts Neck, New Jersey
Time: 11 December 1990, 10:05 a.m.
Objectives: Discuss Agenda Items (Attachment I)
Attendees: See Attachment II
Chairman: Mr. Jerry Hoover (NAVFAC)

Agenda Item I - Opening Remarks and Introduction

J. Hoover
(NAVFAC)

Mr. Hoover opened the meeting by asking all the participants to introduce themselves while he distributed the agenda (Attachment I). Mr. Hoover stated that the goal of the meeting was to discuss the status of the milestones and the field schedule that were established during the previous TRC meeting and he asked if there were any questions on the last meetings minutes.

No questions or comments were raised regarding previous minutes.

This meeting will focus on the commencement of the RI Fieldwork which is still scheduled to begin during the first full week of January 1991.

Mr. Hoover was pleased to announce that the issue regarding the use of PVC material in monitoring well construction has been resolved. Through conversations with the EPA Program Manager, NAFAC was given assurance that the use of PVC well casing and screen would be acceptable for the RI Plan Program.



Agenda Item 2 - Review Comments

J. Hoover

- At the last meeting we set up a schedule for comments and we have received NJDEP's comments according to the schedule, however, to date we have not received EPA's comments. In reference to the comments I would like to keep the TRC meeting general. Specifics can be discussed between the technical people after this meeting.

Mr. Hoover asked if anyone had any outstanding issues at this time relative to review comments.

P. Ingrisano
(Region 2 EPA)

- There has been a problem with the way documentation has been being passed along to the people involved in the project. Not everyone is receiving all the information. For example I have just received the supplemental work plan to conduct test pits. I was not aware that we agreed to do test pits.

J. Hoover

- The Navy has tried to establish a direct line of communication between the parties or individuals involved in a particular issue. As for the test pits we had reached a general consensus during the last TRC meeting where that we would do a waste characterization and conduct test pits. This is documented in the Meeting Minutes from that last TRC meeting which I believe you have received.

J. Hoover

- Mr. Hoover asked Rich Johnson to discuss the present status of the RI work plan.

R. Johnson
(WESTON)

- We have looked at DEP's comments and there is one outstanding issue that needs to be clarified in reference to dedicated bailers. We plan to follow the specifications that were written in our QAPP using lab clean bailers then decontaminating bailers between sampling points in accordance with the EPA QA Procedures. In general we will be following the QAPP rather than general NJDEP guidance although in most cases they are compatible.



K. Petrone - DEP has no problems with using field decon bailers.

R. Johnson - A second issue is the post sampling activities at site 19. We have revisited the proposed scope of work at that site and have come up with what we believe is a better technical approach for sampling at that site based on the site history. We suggest expanding the number of surface soil samples in lieu of the deep soil boring since historically the nature of the problems wash down, and run off of water into the drainageways. We have also looked into DEP's suggestion of x-ray fluorescence field screening methods. We feel that both the economics, and the size of the site cannot really justify the use of an x-ray fluorescent mobile unit. This type of unit typically costs in the order of \$1,500 mobilization and \$2,000 a day to operate. In comparison we believe we can get "more bang for our buck" by taking an expanded quantity of surface soil samples and having them analyzed in the laboratory. The metals of concern at this site are known to be cadmium and lead, therefore we can analyze exclusively for these compounds at a relatively low cost.

Your comment regarding site 7 sampling along Compton Creek will be addressed by J. Williams.

J. Williams (WESTON) - We have taken a close look at the air photographs and the USGS TOPO of site 7 and it appears on the maps in the photo that Compton Creek and it's tributary lie a distance from the site. Therefore, before we propose doing any sampling of sediment or water sampling in the tributary we would like to conduct a site reconnaissance.

Agenda Item 3 - Discussion of Target Dates for RI Fieldwork
(Scheduled for January 7, 1990)

P. Ingrisano - You have received most of my comments in our conference calls that took place over the summer and fall. Still I would like to submit them in a formal written document.



- J. Hoover - We understand that and presently we are making preparations to commence the RI field investigation fieldwork on January 7, 1991. The question was raised whether a final RI work plan document will be prepared.
- R. Johnson - Yes a final work plan will be prepared once we receive the EPA comments. All significant issues have been addressed and ironed out. Any minor changes that may occur in the sampling can simply be documented as a minor modification as the field work is proceeding. This approach was generally agreed upon at the TRC meeting.
- P. Ingrisano - Has a schedule been made up for the RI investigation.
- R. Johnson - Yes a schedule has been prepared and it was handed out previously. R. Johnson discussed the schedule as presently planned in comparison to the old schedule. He presented an example of the schedule showing that the drilling will be conducted throughout January, sampling to be conducted sometime in February or March, and data analysis and validation will be conducted in March and April 1991. One of the initial phases of the field work to be scheduled is staking the wells in late December and developing general agreement on the location of the wells between WESTON, NAVFAC and the agencies. In addition, WESTON has revised the analytical tables and site figures based upon the agencies comments. A note was made for WESTON to send these revised figures and tables for general distribution.
- E. Neilands (NAVFAC) - Inquired when test pits will be conducted during the RI field stage.
- R. Johnson - The test pit investigation for waste characterization has not been finalized yet.



Agenda Item 4 - Community Relations Plan (CRP)

- P. Muldrow (NWS Earle) - The CRP is pretty complete, however, some comments are still due from the EPA.
- P. Ingrisano - Mr. Ingrisano acknowledged this and replied that the comments will be forthcoming.
- P. Muldrow - In addition I would like to schedule a day when the local press could visit a typical site during the RI investigation. There will also be a news release prior to the commencement of the fieldwork.

Agenda Item 5 - Federal Facility Agreement (FFA)

- J. Hoover - To bring you up to date with the current status of the FFA I would just like to say at this time that the agreement is in the works.

Agenda Item 6 - Site Investigation (SI)

- J. Hoover - I would like to get a feeling for establishing goals and getting the SI program scheduled and "back on track".
- K. Petrone - You have NJDEP's comments on the SI plans.
- P. Ingrisano - EPA needs to submit comments for the SI work plan.
- R. Johnson - WESTON needs to revisit the SI work plan in order to integrate the SI investigation activities with the RI investigation activities. We will be looking at each site to better respond to NJDEP comments.
- J. Hoover - As part of the SI schedule we will need to coordinate a preliminary site visit.
- J. Freudenberg (NJDEP) - Does the Navy have an idea of the SI schedule.



J. Hoover - I envision an SI site visit taking place sometime during the month of January 1991. As far as the field activities are concerned NAVFAC would definitely like to be doing some of the work by summer of 1991.

These are general time frames for target dates.

Agenda Item - Conclusions and Discussions for the Next TRC Meeting

J. Hoover - Mr. Hoover concluded the meeting by establishing a date of 12 February 1991 for the next TRC meeting. In addition he stated that he would like to get together at the close of this meeting to address and discuss any outstanding issue related to the RI fieldwork. Mr. Hoover asked if P. Ingrisano could give us a copy of EPA's comment at that time.

P. Ingrisano - Mr. Ingrisano commented that he would prefer to keep his comments in order to make a few changes and that he would forward his comments to NAVFAC in a couple of days.

At 10:35 hours the meeting was adjourned.

After the TRC meeting was adjourned representatives from NAVFAC, WESTON, NJDEP and EPA met informally to discuss some minor specific issues and items concerning the RI field work. General action items discussed included the following:

- The Health and Safety plan should be added to include the test pit investigation activities.
- In regards to the test pit (waste characterization) proposal, NJDEP suggested the inclusion of photographing the pits and HNu monitoring.
- These items should be included in the test pit work plan. B. Matthaey pointed out that camera passes will be needed and that he will be able to procure the necessary passes.
- In addition J. Williams is to send personnel profiles in order to obtain badges.



- J. Lee will be the point of contact for drilling clearances.
- WESTON is to take split samples for EPA. A representative from VERSAR will be present and will supply the necessary bottles to take the split samples.
- Pending the receipt of EPA's comments WESTON will revise the RI work plan by late December. NJDEP suggested that we may want to add a few additional samples for test pits at each site.

**AGENDA FOR TRC MEETING
DECEMBER 11, 1990
NAVAL WEAPONS STATION (NWS)
EARLE, NEW JERSEY**

1. TRC Opening Remarks and Introduction
 - * Introductions
 - * Comments on previous meeting minutes
 - * Focus - To begin RI Field Work
 - * PVC vs. Stainless Steel Well Casings (issue resolved)
2. Review Comments
 - * Remedial Investigation Work Plan
 - * Quality Assurance Project Plan
 - * Health and Safety Plan
 - * Test Pits
3. Discuss Target Date for RI Field Work (Jan 7, 1990)
 - * What is required to begin field work?
 - * Discuss Scheduling (Target Dates)
4. Community Relations Plan
5. Federal Facility Agreement (FFA)
6. Site Investigation
 - * Establish Goals and/or Target Dates
7. Conclusion and Discussion of Next Meeting

Name Bill PinamontTitle Station AttorneyAddress NWS CarleTelephone Number 577-2117Name GREG GOEFFERTTitle ENVIRONMENTAL DIRECTORAddress NWS EARLETelephone Number 577-2515Name W SimmonsTitle MORRIS CTY Health DeptAddress Rt 9
Freehold 07728Telephone Number 922 2234Name Jerry HooverTitle RPMAddress North Div
Phila. PATelephone Number (215) 897-6280Name Bill McBrideTitle Health Officer / Colts NeckAddress P.O. Box 249
Colts Neck, NJTelephone Number 201-462-5470Name Richard C JohnsonTitle Proj ManagerAddress Roy F Westra Inc
Weston Way
West Chester 19380Telephone Number 215 430 7315Name Bill MATTHEWTitle ENVIRONMENTAL ENGINEERAddress NAVAL WEAPONS STATION EARLE
COLTS NECK N.J. 07722Telephone Number 201-577-2515Name Suzanne WilliamsTitle Project GeologistsAddress R-F. Westra Inc.
1 Weston Way
West Chester PaTelephone Number 215-430-7256Name Eileen NeilandsTitle Environmental Eng.Address NORTHERN DIV.
Phila. PATelephone Number (215) 897-6280Name Ken PetroneTitle Technical Coordinator
NJDEP - DHEM-BEPAAddress 401 E. STATE ST.
TRENTON, NJ 08625Telephone Number (609) 984-3068

Name Joseph Freudenberg
Title Case Manager
Address NJ DEP IDHWM
401 E State St
Trenton, NJ 08625
Telephone Number 609-33-1455

Name _____
Title _____
Address _____
Telephone Number _____

Name Donald Weeks
Title Hydrogeologist
Address Denver
2010 Cabot Blvd West
Longmont PA 19047
Telephone Number 215-741-4311

Name _____
Title _____
Address _____
Telephone Number _____

Name PAUL G. INGRISANO
Title PROJECT MANAGER
Address USEPA
26 FEDERAL PLAZA
N.Y, N.Y. 10278
Telephone Number 212-269-6609

Name _____
Title _____
Address _____
Telephone Number _____

Name Courtney McClacken
Title Public Works Officer
Address NWS Earle (09)
Colts Neck NJ
07722
Telephone Number 577 2317

Name _____
Title _____
Address _____
Telephone Number _____

Name _____
Title _____
Address _____
Telephone Number _____

Name _____
Title _____
Address _____
Telephone Number _____



Monthly Progress Report Period 1-30 November, 1990

Prepared for: Northern Division, Naval Facilities
Engineering Command, Philadelphia, PA

Prepared by: Roy F. Weston, Inc.
Richard C. Johnson, Project Manager

Reference: Naval Weapons Station Earle,
Colts Neck, New Jersey

Contract: N62472-84-C-1038, Installation Restoration Studies

Activities for this period:

Site reconnaissance was conducted on 16 November. Present were representatives from NAVFAC, NWS Earle, NJDEP, WESTON and Versar. Items addressed included site history, proposed RI activities and a general approach to conducting test pits at landfills 3, 4, 5, 7 and 10.

NAVFAC and WESTON received NJDEP final comments on RI plans as scheduled; EPA comments were still outstanding. The RI work plan was redrafted to incorporate DEP comments.

Submitted proposal to NAVFAC to conduct waste characterization by test pit procedures at landfills 3, 4, 5, 7 and 10. Submitted copies of qualification and experience of Heartland Environmental Services (Data Validators) to EPA QA Chemist and Versar representative as requested by EPA.

There was no action taken on the SI work plan.

Planned Activities for December:

A TRC meeting is scheduled for 11 December. The RI work plan will be finalized pending the receipt of EPA comments.

WESTON will complete staking location of proposed soil borings and monitoring wells; staking at sites 10, 11, and 19 was completed in October.