



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: 26 October 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 23 October 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:** 23 October 1990, 10:07 a.m.

**Objectives:** Discuss Agenda Items (Attachment I)

**Attendees:** See Attachment II

**Chairman:** Mr. Jerry Hoover (NAVFAC)

J. Hoover  
(NAVFAC)

- Opened the meeting by distributing the Agenda and stating the goal of the meeting was to reach a general consensus on the direction of the project. "Mr. Hoover asked that if there are any questions on the last meetings minutes?"

No questions or comments were raised.

The meeting will focus on the Remedial Investigation (RI).

R. Johnson  
(WESTON)

- We have all the comments on the RI documents. Is there anything else outstanding either from EPA or NJDEP?

P. Ingrisano  
(Region II EPA)

- EPA owes comments on SI work plan.

**Agenda Item 2**

J. Hoover

- Will the NPL status affect or change any of the RI.

P. Ingrisano

- The Interagency Agreement (IAG) will soon be signed by Jackie Schaefer, Assistant Secretary of the Navy. Agreement should expedite the project schedule.



B. Hayton  
(NJDEP)

- DEP does not sign IAG but will honor time commitments in schedule.

J. Hoover

- Status could potentially impact the starting target date. Target date is related to funding, and funding of this site is now a priority within NAFAC.

T. Sheckles  
(NAVFAC)

- The Federal Register NPL listed Site A. What does this reference mean, why was Site A singled out for NPL status?

P. Ingrisano

- Site A (currently identified as Site 19) was keyed to Hazardous Ranking System (HRS) in 1984/85 when NPL and HRS was developing. However all 27 sites are now included.

**Agenda Item 3**

J. Hoover

- We want to establish a starting date for RI field work, and from discussions with WESTON we feel that we can start on November 26, 1990, for several reasons:
  - 1) We need to get out to meet weather constraints.
  - 2) We will be faced with the FFA schedule.

What needs to be done to meet this date?

B. Hayton

- Initially you proposed to conduct RI concurrent with SI; has that changed?

R. Johnson

- That has changed for practical reasons. We are trying to get the RI work on track as soon as possible. We will then be able to address the SI.

**Agenda Item 4**

R. Johnson

- We have all comments from EPA & NJDEP, either in writing or verbally, and can "go to press" with them and lay out final work plan based on a consensus to date.

The question was raised, whether WESTON's responses to DEP comments on the QUAPP, submitted Oct. 6, were new. Most of these comments were already incorporated into the revised QUAPP. The Oct. 6 Response to



Comments were intended as a separate, "stand alone" submittal of those comments previously incorporated into the QUAPP. DEP had requested at the previous TRC meeting that a formal document of comment responses be submitted.

- B. Hayton - You have our final comments on the Work Plan. We are doing a "once over" on QUAPP responses and do not expect anything major. Most of our comments have been addressed in the meetings.
- J. Hoover - On the issue of test pits, What is DEP's recommended approach?

The topic of conducting test pits was discussed at this point, and in more detail later in the meeting. Through constructive dialogue a consensus in the following general approach was reached. As a general guideline:

- conduct a minimum of 2 test pits per landfill with additional test pits in the larger landfills.
- conduct test pits to a depth of about 8 to 10 feet deep (backhoe depth).
- do visual characterization for: types of wastes type (e.g. municipal vs. industrial), staining of soils, discoloration, shallow perched water leachate or other groundwater characteristics.
- photo documentation will be made the day of the excavation.
- chemical characterization: organic vapor monitoring in the field, soil and (if encountered) water/leachate sampling and analysis.
- At least one sample per landfill for full scan, using good technical judgment for the placement of pits and types of material sampled.

The intent is to see what is in landfill and what may potentially be coming out. K. Petrone would like to be present at various times throughout sampling. WESTON is to submit a proposal to NAVFAC and the agency, for review and approval.

- J. Hoover - The next issue is the requested use of stainless steel (SS) screen & riser in monitoring wells.

- P. Ingrisano - EPA policy in region II is to use Stainless Steel well screen and riser for RI work.
- A. Jackson - A potential option is a "Hybrid" type of construction which would involve using SS screen and SS riser pipe in the saturated zone and polyvinyl chloride (PVC) rise pipe in the unsaturated zone. This issue should be resolved through Vince Petrizello, Program Manager. I realize that EPA allowed the use of PVC at Lakehurst. See only two options, straight SS or SS/PVC hybrid.
- T. Sheckles - Why? We see no technical reason and the economics do not justify it.
- P. Ingrisano - It is EPA, SOP policy throughout the Region.
- B. Hayton - What would the impact be on the RI?
- T. Sheckles - We are working on 1990 money; 1991 has not been allocated. If we are forced to use SS then it could impact the RI program.
- P. Ingrisano - Policy was developed by the EPA QA group in Edison, NJ. EPA position has been the same since Dec. 1989. NAFAC needs to send a letter to EPA Program Manager in New York stating their position.
- T. Sheckles - We will probably go to program manger.
- E. Neilands (NAVFAC) - Since existing wells are PVC, does that mean the samples are invalid?
- The question was raised: What was DEP position on SS vs. PVC?
- B. Hayton - DEP is comfortable with PVC especially with the RI, however, if down the road, the program requires long term monitoring, then S/S may be warranted.
- Commander - What is EPA's technical reason for requiring the use of SS.
- P. Ingrisano - When the policy was set early in the program the requirement to use SS was established.

- A. Jackson - The technical reasons were that in situations where low levels of organics (<25 ppb) were found SS gave better results.
- E. Neilands - NAVFAC does not agree with that statement citing several technical papers on the issue of monitoring well construction materials SS vs. the use of PVC. The papers included one from an EPA symposium 1987 and one from Ground Water Monitoring Review, Spring 1990. Copies were distributed to representatives from the agencies.
- A. Jackson - In the case of BFI Landfill, the final court decision overruled PVC.
- Commander - Is NAVFAC decision to go ahead with PVC?
- T. Sheckles - Yes. We will present this in writing to the EPA.

**Agenda Item 5 - QUAPP**

- B. Hayton - NJDEP will be giving WESTON additional comments on QUAPP and RI.

It was stated that EPA will need notice 4 to 6 weeks prior to sampling to prepare Special Analytical Services (SAS).

- B. Hayton - The target date of 26 November 1990 seems a little over optimistic. He sees realistically 1 January 1991.

**A short recess was taken at this point in the meeting.**

- J. Hoover - We agree that 1 January 1991 is more realistic however, it should be understood that winter weather could impact field progress.

In order to meet a January start date we would like to set deadlines for receipt of final comments from the agencies and revision of the work plan by WESTON. The following schedule was agreed upon:



- All final RI comments on the Work Plan, QUAPP, HASP AND CRP are due from EPA and NJDEP 15 November 1990.
- Final revised Work Plan and QUAPP due from WESTON 7 December 1990.
- Next TRC meeting 11 December 1990.
- Mobilization to commence RI field work first week of January 1991.

**Agenda Item 6 - Health and Safety Plan (HASP)**

No significant comments on (HASP).

**Agenda Item 7 - Community Relations Plan (CRP)**

We have incorporated NJDEP comments and are waiting for EPA comments.

**Agenda Item 8 - Meeting Dates**

- J. Hoover - Last item. We would like to propose holding TRC meetings when needed (i.e. milestones in project) instead of on a regular monthly basis. What are the Agencies feeling on this?
- DEP - Some of the reason for a formal regular schedule was developing continuity in the project and bringing up outstanding issues. However, maybe every two months instead of every month, and then once the project is started on an as needed basis.

The next TRC meeting date was set for 11 December 1990.

11:25 The meeting adjourned.

Attachment 1

AGENDA FOR TRC MEETING  
OCTOBER 23, 1990  
NAVAL WEAPONS STATION (NWS)  
EARLE, NEW JERSEY

1. TRC Opening Remarks and Introduction
  - \* Introduce new members of TRC
  - \* Comments on previous meeting minutes
  - \* Focus on Remedial Investigation
2. NPL Listing
  - \* New Relationships between EPA, NJDEP, & NAVY
  - \* Federal Facility Agreement (Schedule)
  - \* Funding Priority
3. Establish Target Date to begin RI Field Work
  - \* What needs to be done to meet date.
4. Remedial Investigation Work Plan
  - \* Test Pits
  - \* PVC vs. Stainless Steel Well Casings
5. Quality Assurance Project Plan
6. Health and Safety Plan
7. Community Relations Plan
8. Conclusion and Discussion of Next Meeting Date

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