



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

**Location:** NWS EARLE, Colts Neck, New Jersey

**Time:** 14 August 1990, 10:00 a.m.

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

**Attendees:** See Attachment II

**Chairman:** Mr. Scott Palmer (NAVFAC)

- S. Palmer (NAVFAC) - opened meeting and distributed the agenda. Did everyone receive minutes from the last meeting? Any outstanding problems?
- B. Staub (VERSAR) - The reference in last meeting minutes should read 0 - 6 inch interval?; not sample 0 - 6 inch.
- R. Johnson (WESTON) - The omission of interval is understood and noted.
- S. Palmer Based on several conference calls between NJDEP, Region 2 EPA, NAVFAC and WESTON, occurring since the last TRC meeting additional QUAP, H&S and RI comments have been discussed and addressed.
- B. Hayton (NJDEP) Are responses to the Health and Safety (H&S) plan out?
- R. Johnson Yes. They have been incorporated into the revised H&S Plan.
- S. Palmer Negotiations for Federal Facility are proceeding.
- The SI, RI, and QUAPP are all out for review. Today I would like your comments to work towards the goal of finalization of the documents.

**2nd Agenda Item - Presentation of Community Relations Plan (CRP) by Pat Muldrow**

P. Muldrow (NWS EARLE) We looked at other plans and became aware that our CRP needed to be Site Specific to the base and surrounding communities.

We interviewed elected officials, etc. Community Relations Plan submitted to NJDEP and EPA for their review and suggestions. The plan is not final and can be adjusted according to needs of TRC committee, community, etc. The plan is flexible. There will be a general distribution of the plan to libraries, community, etc.

S. Palmer Sections within will focus on Community Relations Activities.

**3rd Agenda Item - Finalization of QUAPP**

We want to review the comments and issues from our conference calls. Several of the comments have been addressed already and were incorporated into the QUAPP.

P. Ingrisani (Region II EPA) - We still would like to have a formal submittal of the comments discussed in our conference calls.

S. Palmer Yes, we recognize that.

R. Johnson We tried to incorporate all the comments. If anything is missing please point it out.

Items presented by R. Johnson as follows:

1) EPA Criteria for Pesticides  
We propose CLP. Will DEP require anything different because of NJ MCL's?

L. Welkon (NJDEP) DEP has modified the MDLs criteria for pesticides in other cases. RFW lab people should contact Sue Dengler (609) 292-8427 to discuss this issue. "Linda does not see problem."

2) Updated References for TCLP

- 3) Custody Seals will be used on sample jar lids and coolers.
- 4) ASTM Methods - We will provide analytical background of CLP lab water.

A. Jackson (Region II EPA) - Prior to sampling? Yes.

- 5) WESTON will submit to Navy and the Agencies, methods for grain size Analysis, Slug Test, and (USATHAMA) Explosive Analysis. Explosive Analytical Methods are currently being reviewed by USATHAMA.
- 6) Figure 2-3 Problem with diagram/WESTON will revise. Should show a straight cement seal above bentonite seal, not cement/bentonite mix.
- 7) Unfiltered samples will be used during first round of metals analyses.

K. Petrone (NJDEP) - N-nitrisodiphenylamine is an important explosive compound that we feel should be included. Is this compound included in the Suite of Explosive compounds?

R. Johnson - We will check on that.

- 8) WESTON will use containers preserved with HCL for VOAs; 14-day holding time from day of collection.
- 9) Decon./Acetone/final rinse with DI. Air dry consistent with NJDEP Reg.

A. Jackson - No problem with acetone.

- 10) Total Petroleum Hydrocarbon (TPH) Method will be listed E418.1.

A. Jackson - Has data validation been negotiated?

R. Johnson Yes. Heartland Associates will do the data validation. Please provide subcontractor qualification to Amelia.

NJDEP Comment On QUAPP

Table on pg. 1-14 refers to Cleanup Levels; should be NJDEP Action Levels/Not ECRA.

For our objective NJ Soil Action levels and NJ MCLs for groundwater is applicable, not cleanup levels.

- B. Hayton (NJDEP) - Has not seen responses to HSP or QUAPP submitted in separate formal written document.

Submit a formal document of comment responses to NJDEP

- B. Hayton - Will final revised complete documents be generated with all comments included?

- R. Johnson - Yes. We will submit a revised complete final document but will not do so until we reach a final general consensus of what constitutes the final document.

- K. Petrone - On the issue of containment of material: Containerization of material should be based on visual observation, OVA readings, and good professional judgment is acceptable. As long as its not contaminating a clean area or posing a threat, keep it on site.

Development water will be containerized, analyzed, and pending results disposed of in a proper manner.

Include standard field procedure that will be used.

Do head space analysis on purge water for previous wells.

Purge water from new wells should be containerized and disposed. Containerize and disposed appropriately after analysis.

Decontamination rinse water will also be containerized.

**4th Agenda Item - Finalization of Health and Safety Plan (HSP)**

Reconsider inclusion of Table 3 from old HSP Plan.

- P. Ingrisani - Lyme disease is a biological hazard of concern. Should be addressed in HSP if not already.
- B. Staub - Pg. 22 should be Subsection 5.4. Mileage to the hospital should be included, if possible.
- B. Hayton - NJDEP has no additional comment on the HSP.
- S. Palmer - Sounds like the HSP is final except for these few items.

**5th Agenda Item - Finalization of Remedial Investigation Work Plan**

Outstanding RI issues

- B. Staub - I feel that the issues of Source Characterization has not been adequately addressed. In my last discussion with NJDEP & EPA we looked at several alternatives such as soil gas, composite sampling (which we turned down) etc. and conducting test pits. We feel that test pits are necessary at the site locations 3, 4, 5, 7, 10, source areas including grab samples from test pits for analysis. Either TCLP or TCL/TAL.

Source areas are not adequately defined and pose questions of proper monitor well placement.

- R. Johnson - We do know the overall landfill boundaries. We would like to have the GW results/to direct further activities such as this in Phase II. It is the Navy and WESTONs opinion that random waste sampling is of little value in guiding the Feasibility Study for these landfills since no sample can be considered representative.
- K. Petrone - We feel the General Approach how wells are placed

is physically starting from the source and working outward. Conducting a feasibility study based on GW results alone is in our opinion inappropriate.

EPA/NJDEP Requested a short recess for a "Closed Door Discussion" on this issue.

Meeting Reconvened

P. Ingrisani - The updated NPL will be out within the next couple of weeks. NWS Earle will most likely be on the list. Therefore, EPA can dictate sampling and the issue of source characterization will not be an option.

S. Palmer - This dialogue is constructive and we are going to seriously consider this.

B. Staub - New issue; Deep Wells. DNAPLEs - We should look at deeper zones. This can be performed in a phased progression for example as 2nd phase after the installation of the shallow monitoring wells and present RI work plan activities.

R. Johnson - What recommended construction do you suggest?

B. Staub - Considering the aquifer depth and distance the bottom 1/3 of confining zone should be monitored with 10' - 15' screen.

"This would apply to landfill sites 3, 4, 5, 7, 10."

EPA & NJDEP is "pretty much in agreement with this scenario."

L. Welkon - Possible Scheduling/Sequencing scenario.

Phase I: - Landfill source characterization and installation of shallow wells.

Source characterization activities will not impact the initial locations of wells.

Proposed RI monitoring well installation and test pits should be conducted concurrently.

Deep well "Phase II" - If all shallow wells are clean, one deep well adjacent to a shallow well

downgradient of the landfill will be needed to assure no groundwater impact has occurred.

D. Swalwell - How is NPL status going to affect the RI program?

P. Ingrisani/

B. Hayton - NPL will not impact the current RI work at all.  
"All of the comments along the way were with NPL in mind".

Site 20 - Revised figure and older figure different.  
Recommend sampling waste pile taking 2 composite samples for TCL/TAL minus pesticide, PCB analysis.  
Also TCL sampling in discolored surface soil area.  
In landfill - also add conventional landfill parameter i.e. Nitrate, TOC, TDS in groundwater and surface water at landfill sites.

P. Ingrisani - Raised the issue of monitoring well casing materials PVC vs. stainless steel.  
EPA request the use of stainless steel.

R. Johnson - Why?

P. Ingrisani - EPA (Region II) policy is to use stainless steel and it is a requirement for Record of Decision (ROD).

R. Johnson - We have stated on several occasions that it is the Navy's and WESTON's opinion that there is no documented technical reason to use stainless steel that justifies the additional cost, which is significant.

**6th Agenda Item - Discussion of Site Investigation Work Plan**

SI Comments - EPA not ready to address.

**General Discussion**

- 1) RECRA Sites/being handled by base Site 18, 21. Could WESTON add a paragraph in their RI Plan on the status of the RECRA Sites.
- L. Welkon 2) Monitoring wells proposed at waterfront landfill wetlands area are in a sensitive Wetlands environment.

DEP is agreeable with installation as long as there is good representative data. Linda suggested using an ATV rig with mud tires to "spin a well in and minimize disturbance." ATV/SKID rig. "Stay away from track rigs."

- 3) At former explosive sites we recommend 3 monitoring wells and sampling of soils from 0 - 2 feet. TCL or TAL analysis including Nitrate/Nitrite and Expanded Explosives are recommended.
- 4) QUAPP and HSP will be separate documents.
- 5) Only one round of sampling will be conducted during the SI, then a report will be generated.
- 6) In area where Hg spill was cleaned up a Record Search should be conducted. In lieu of no evidence wipe/chip samples may be necessary.

Site 27 - We feel TAL is excessive at this site. Check out the pipe behind the building.

Action Items Identified

NAVFAC - Owes comments on QUAPP & H&S NJDEP

Next TRC meeting is scheduled for 2 October 1990.

Meeting was adjourned at 12:45 p.m.

**AGENDA FOR TRC MEETING  
AUGUST 14, 1990  
NAVAL WEAPONS STATION (NWS)  
EARLE, NEW JERSEY**

1. **TRC Opening Remarks & Introduction** **Mr. Scott R. Palmer**  
NORTHNAVFACENGCOM,
    - . Discussion of Events since the most recent TRC
    - . Establish Objectives of the Meeting
  
  2. **Presentation of Community Relations Plan (CRP)** **Pat Muldrow**  
Public Affairs Officer  
NWS EARLE
    - . Brief Overview of the CRP's Development and Content
    - . Review and Discussion of CRP
  
  3. **Finalization of Quality Assurance Project Plan** **Open for Discussion**
    - . Discussion of EPA Reg. II QAPP Comments Rich Johnson &
    - . Presentation of Responses to Comments John Williams  
WESTON
  
  4. **Finalization of Health & Safety Plan** **Open for Discussion**
    - . Discussion of Comments received Rich Johnson &
    - . Presentation of Responses to Comments John Williams  
WESTON
  
  5. **Finalization of Remedial Investigation Work Plan** **Open for Discussion**
  
  6. **Discussion of Site Investigation Work Plan** **Open for Discussion**
    - . Discussion of Review Comments Received Rich Johnson &
    - . Presentation of Responses to Comments John Williams  
WESTON
  
  7. **Remedial Investigation Project Status** **Scott R. Palmer**
    - . Projected RI Schedule/Critical Path
  
  8. **Conclusion & Discussion of Next Meeting**
    - . TRC Action Items
-

Name DENNIS SWALWELL  
ENVIR. TECHNICIAN  
Address NWS EARLE  
  
Telephone Number (201) 577-2339

Name WILLIAM T. MATTHEY  
Title ENVIRONMENTAL ENGINEER  
Address NWS EARLE  
  
Telephone Number 201 577-2152

Name Scott R. Palmer  
Title Remedial Project Manager  
Address NORTHNAVFACENG.COM  
Bldg #77-L  
PHILADELPHIA, PA. 19112  
Telephone Number (215) 897-6432

Name Richard C Johnson  
Title Project Manager  
Address Roy F Weston Inc  
Weston Way  
West Chester PA 19380  
Telephone Number 215-430-7315

Name Robert Hayton  
Title CASE MANAGER, NJDEP  
Address 401 E. STATE ST.  
Trenton NJ 08625  
Telephone Number 609-633-1455

Name GREGORY J. GOEFFERT  
Title ENVIRONMENTAL DIVISION DIRECTOR  
Address NWS EARLE  
  
Telephone Number 201-577-2152

Name Eileen Neilands  
Title Environmental Engineer  
Address NOR DIV  
NAVFACENG.COM  
Telephone Number (215) 897-6280

Name JOHN A WILLIAMS.  
Title Project Geologist  
Address R.F. Weston Inc.  
1 Weston Way  
West Chester, Pa. 19380  
Telephone Number 215-430-7256

Name LINDA WELKOM  
Title PROJECT GEOLOGIST  
NJDEP  
Address 401 E STATE ST, 3RD FLOOR  
TRENTON, NJ 08625  
Telephone Number 609-292-8427

Name Kenneth Petrone  
Title Technical Coordinator  
NJDEP  
Address 401 E. STATE ST. (CN 413)  
Trenton, NJ  
08625.  
Telephone Number (609) 984-3068

Name Amelia Jackson  
QA Chemist  
Address USEPA-REG. 2  
2890 Woodbridge Ave  
Edison, NJ 08837  
Telephone Number 201-906-6164

Name \_\_\_\_\_  
Title \_\_\_\_\_  
Address \_\_\_\_\_  
Telephone Number \_\_\_\_\_

Name PAUL G. INGRISANO  
Title ENVIRONMENTAL ENGINEER  
Address USEPA-REG. II  
26 FEDERAL PLAZA  
NEW YORK, N.Y. 10278  
Telephone Number 212-264-6609

Name \_\_\_\_\_  
Title \_\_\_\_\_  
Address \_\_\_\_\_  
Telephone Number \_\_\_\_\_

Name Brad Staub  
Title Hydrogeologist  
Address Versar, Inc.  
2010 Cabot Blvd. West  
Loughornc, PA 19047  
Telephone Number 215) 791-4211

Name \_\_\_\_\_  
Title \_\_\_\_\_  
Address \_\_\_\_\_  
Telephone Number \_\_\_\_\_

Name William Pinamont  
Title Station Attorney  
Address NWS Earle  
Telephone Number 577-2117

Name \_\_\_\_\_  
Title \_\_\_\_\_  
Address \_\_\_\_\_  
Telephone Number \_\_\_\_\_

Name PAT MULROW  
Title Public Affairs Officer  
Address NWS Earle  
Colts Neck, NJ 07722  
Telephone Number 201 577-2171

Name \_\_\_\_\_  
Title \_\_\_\_\_  
Address \_\_\_\_\_  
Telephone Number \_\_\_\_\_