11/5/90

DEPARTMENT OF THE NAVY
NORTHERN DIVISION
NAVAL FACILITIES ENGINEERING COMMAND
BUILDING 77L, U.S. NAVAL BASE
PHILADELPHIA, PENNSYLVANIA 19112-5094

IN REPLY REFER TO

5090
Ser 1108/1421/RF
16 October 1990

MEMORANDUM

FOR THE MEMBERS OF THE TECHNICAL REVIEW COMMITTEE (TRC) REMEDIAL INVESTIGATION/FEASIBILITY STUDY AT NETC NEWPORT, RI

Enclosed is a copy of the minutes from the fifteenth Technical Review Committee (TRC) meeting held on 13 September 1990 at NETC Newport, RI. Any comments or corrections may be forwarded to Northern Division prior to the next meeting.

The sixteenth Technical Review Committee Meeting is scheduled for 10:00 on Thursday 15 November 1990 at NETC Newport, RI. Topics for discussion will include the offshore biota and sediment sampling, the removal project of oily soils at Melville North Landfill (site 02) and status of data validation.

The 15 November 1990 meeting will be held at the Officers Club located near the main gate and pass office. If there are any questions concerning the meeting please contact me at (215) 897-6431. It is suggested that you contact Ms. Rachel Marino at NETC Newport if you need directions to the Officers Club. Ms. Marino can be reached at (401) 841-3735.

Sincerely,

R. H. FISH
Remedial Project Manager
By Direction of the Commanding Officer

DISTRIBUTION
TECHNICAL REVIEW COMMITTEE MEMBERS

US EPA Region I, Ann Fenn
US EPA Region I, Carol Cody
RI DEM, Jeffrey Crawford
RI DEM, Warren S. Angell, II
RI DEM, Joseph Migliori
Narragansett Bay Project, Jennifer Martin
US EPA-ERL, Wayne Munns
City of Newport, RI, Roy Anderson
Planning Board of Portsmouth, Joe Marshall
Town of Middletown, Fire Chief, Donald Ardito
Town of Middletown, Charles Silvia
NETC Newport, Rachel Marino

FOR THE MEMBERS OF THE TECHNICAL REVIEW COMMITTEE (TRC) REMEDIAL INVESTIGATION/FEASIBILITY STUDY AT NETC NEWPORT, RI

NETC Newport, Mary Silvia
NETC Newport, CDR Robert Humphreys
NETC Newport, LCDR Howard Goodman
Hood Enterprises, Inc. Dean Coker
TRC-ECI, Robert Smith
TRC-ECI, Jim Peronto
Newport Fire Dept., Capt. David Lemler
Save the Bay, Director, Mr. Curt Spalding

Copy to:
Naval Ocean Systems Center, Bob Johnston
EPA-ERL Narragansett, Tim Gleason
US EPA Region 1, Douglas Gutro
Mr. Peter M. Merritt, Portsmouth Citizen Advisory Committee

TECHNICAL REVIEW COMMITTEE MEETING MINUTES

NAVY INSTALLATION RESTORATION PROGRAM
NETC, Newport, Rhode Island

SEPTEMBER 13, 1990

TRC Environmental Consultants, Inc.
Contract No. N62472-86-C-1282
TRC Project No. 5383-N81-70

Prepared by:

Robert C. Smith, P.E.
Program Manager
and
James Peronto, P.E.
Project Manager

Prepared for:

Russell Fish
Project Manager
U.S. Navy - Northern Division

MINUTES OF THE FIFTEENTH TRC MEETING

The Fifteenth Technical Review Committee meeting (TRC) for the Newport Installation Restoration Program (IRP) studies was held at NETC in Newport, Rhode Island from 10:00 a.m. to 11:15 a.m. on September 13, 1990. The TRC meeting was held at the MIC Room, Building No. 1, Public Works Department. The primary objective was to discuss the status of the Remedial Investigation (RI) work completed at Site 01, McAllister Point, Melville North Landfill (Site 02), Old Fire Fighting Training Area (Site 09), Tank Farm Number 4 (Site 12) and Tank Farm Number 5 (Site 13); the Community Relations Plan; the Oil-Soaked Piles - Melville North Landfill removal status; and the Closure Plan for Tanks 53 and 56 (Tank Farm 5), including on-going well installation. The status of proposed biota/sediment sampling was discussed. The TRC meeting attendees are listed on Attachment A.

SUMMARY OF FIELD ACTIVITIES
COMPLETED AT RI/FS SITES
(As of September 13, 1990)

RI/FS PROJECT

The Remedial Investigation field work is substantially complete at all RI/FS sites (Site 01 - McAllister Point Landfill, Site 02 - Melville North Landfill, Site 09 - Old Fire Fighting Training Area, Site 12 - Tank Farm Four, and Site 13 - Tank Farm Five). The work program was described in the RI/FS Work Plan and consisted of the following activities:

- Land survey
- Geophysical Surveys
- Surface Soil Sampling
- Test Borings
- Monitoring Wells

Off-shore sampling is scheduled for fall (1990). All laboratory data received by TRC-ECI has been sent to Environmental Standards Inc. for the required data validation. The data validation effort for Site 01 data is completed and under review by TRC-ECI. Validation of the Melville North Landfill and Old Fire Fighting Training Area data is underway. It was noted that the laboratory data results will not be presented to the TRC until it has been completely validated (NEESA procedures) and reviewed/evaluated by TRC-ECI.

TRC-ECI is generally meeting the Project Schedule for the RI field program and associated laboratory analysis and data validation effort (data validation to be completed by December 14, 1990).

A summary of field activities is presented below:

Site reconnaissance work included a detailed visual survey, ambient air and radiological surveys, geophysical survey and soil gas surveys (Sites 09, 12 and 13).

Soil Gas Surveys are completed for:
Site 09 - Old Fire Fighting Training Area
Site 12 - Tank Farm Four
Site 13 - Tank Farm Five

At Sites 12 and 13 it was determined in the field that a soil gas survey at shallow depth, typically 1 to 3 feet, would not provide meaningful data. Therefore, small diameter borings (2½" I.D.) were drilled to approximately 10 to 15 feet and soil gas samples obtained for field GC analysis.

Surface Soils:
Site 02 - Melville North Landfill
Site 09 - Old Fire Fighting Training Area
Site 12 - Tank Farm Four
Site 13 - Tank Farm Five

Surface soil sampling at Sites 02 and 09 is complete (split samples with USEPA oversight contractor - CDM-Federal Programs). Surface soil samples were collected at two locations at each tank farm site for the purpose of splitting samples with USEPA. Remaining surface soil sampling at the tank farms was conducted as required in the Field Sampling Plan.

Test Pits:
Site 02 - Melville North Landfill

Test pit work is complete. Samples split with USEPA.

Test Borings:
Site 02 - Melville North Landfill
Site 09 - Old Fire Fighting Training Area

Test borings complete at Sites 02 and 09. Borings completed at tank farms in conjunction with monitor well construction. Samples from selected borings (Sites 12 and 13) were split with USEPA. Samples from test borings at Site 09 were not split with USEPA. However, USEPA did collect a sample from a split spoon retrieved at an attempted boring for well MW-1 (Depth 0'-2') at Site 9.

Monitoring Wells:
Site 02 - Melville North Landfill
Site 09 - Fire Fighting Training Area
Site 12 - Tank Farm Four
Site 13 - Tank Farm Five

Monitoring well installation is complete at all sites.

Surface Water, Sediments, and Mussels:
Site 01 - McAllister Point Landfill
Site 02 - Melville North Landfill
Site 09 - Old Fire Fighting Training Area
Site 12 - Tank Farm Four
Site 13 - Tank Farm Five

The surface water and sediment sampling at Tank Farms Four and Five was conducted June 7 and June 8, 1990 to allow for split sampling with USEPA. Off-shore biota/sediment samples to be obtained during the November 1990 time frame.

Tanks and Structures:
Site 12 - Tank Farm Four
Site 13 - Tank Farm Five

Sampling was completed the week of 11 June 1990 through July 2, 1990. Samples were split with USEPA.

Well Development

Site 01 - McAllister Point Landfill
Site 02 - Melville North Landfill
Site 09 - Old Fire Fighting Training Area
Site 12 - Tank Farm Four
Site 13 - Tank Farm Five

All wells have been developed in accordance with procedures discussed in the approved Field Sampling Plan (combination surge block techniques and pumping).

Well Permeability Testing

Site 01 - McAllister Point Landfill
Site 02 - Melville North Landfill
Site 09 - Old Fire Fighting Training Area
Site 12 - Tank Farm Four
Site 13 - Tank Farm Five

Well permeability testing was conducted the week of July 16, 1990. Permeability test methods were generally in accordance with procedures discussed in the approved Field Sampling Plan (see Table 1 - Permeability Test Methods).

Ground Water Sampling

Site 01 - McAllister Point Landfill
Site 02 - Melville North Landfill
Site 09 - Old Fire Fighting Training Area
Site 12 - Tank Farm Four
Site 13 - Tank Farm Five

Ground water samples have been collected from all sites. Ground water samples were collected from all of the newly installed monitoring wells and previously installed (existing) wells at the sites. Ground water samples were collected the week of July 16, 1990. Samples from selected wells were split with USEPA on July 18 and July 19, 1990.

Continuous Water Level Measurements

Site 01 - McAllister Point Landfill
Site 02 - Melville North Landfill
Site 09 - Old Fire Fighting Training Area

Continuous ground water elevations were measured over a 72-hour period for selected wells on-site and upgradient as discussed in the Field Sampling Plan. The continuous water elevation measurements will provide information on Narragansett Bay's tidal effects on each site's ground water characteristics and potential for soil flushing action. Work was performed during late August 1990.

All drums (RI generated waste) were moved to the Site 01 staging area. Sampling for disposal purposes of decon water contained in a tank trailer at Site 01 has been completed. Sample results are expected during October 1990.

TANKS 53 AND 56 - STATUS

A work program for a ground water assessment has been developed (NETC and RIDEM).

A fee proposal for the work to be performed by TRC-ECI was submitted on May 30, 1990 and was negotiated with NORTHDIV on August 17, 1990. Well installation is underway (September 10, 1990).

MELVILLE NORTH LANDFILL - OIL-SOAKED PILES

Twelve additional soil samples were obtained on April 4, 1990 to characterize the oily soil piles in the Melville North Landfill for disposal. Samples were analyzed for EP Toxicity for 8 heavy metals, volatile organic compounds (standard Method 8240) PCBs, reactivity (including cyanide and sulfide), corrosivity and flashpoint. Based on results of laboratory analysis, these soils do not exhibit any of the characteristics of a hazardous waste. Bids for removal and off-site disposal were received by NETC and are undergoing detailed review prior to award.

COMMUNITY RELATIONS PLAN - STATUS

The CRP prepared for the Installation Restoration Program - NETC had been finalized (January 1990). However, additional comments have been provided by EPA - Region I that are now under consideration (March 30, 1990).

Final USEPA - Region I review (Addendum to Comments) has been received by NETC (June 20, 1990). The CRP was released for public comment (30 days). No comments were received by NETC Newport. USEPA - Region I requested that a FINAL copy be submitted to Region I for record purposes.

OTHER ISSUES

Off-shore sampling/analysis to be conducted adjacent to Sites 01, 02 and 09.

- As a change to the NETC Newport FINAL RI/FS Work Plan dated March 1989, collection of all far offshore sediment and biota samples shall be performed by a certified diver. TRC-ECI will procure the services of divers and boat for this effort. Divers will have demonstrated expertise in collecting and preserving subsurface sediment and biota samples. (For example, acceptable expertise would be a Research Diver Certification from an Accredited Academic Institution or employment as a commercial diver.)

- The Diving operations will conform to the OSHA requirements specified in 41 FR 48950.

- All sample locations and analyses will remain the same as presented in the Work Plan.

- NOSC believes that the analytical methods proposed to be used for the marine sediment analysis are not really appropriate for marine samples because of difficulties with sample matrix interferences. The detection limits of Contract Laboratory Protocol (CLP) methods are not appropriate for determining the level of contaminants that may be harmful to marine organisms. For example, the CLP detection limit for copper in seawater is 25 µg/l, while the EPA water quality criteria for copper is 3 µg/l. However, for the purposes of the current study, use of CLP methods may be appropriate (concentration of contaminants in the areas to be sampled are high above CLP detection limits, based on the previous data). Discussions are underway with TRC-ECI and Weston Analytical to provide appropriate detection limits for biota tissue analyses.

  Archiving of selected samples for potential subsequent analysis for dioxin and furans has been ongoing. Evaluation of the data is underway to determine if any samples will be analyzed for dioxin. Criteria is being developed to determine which samples require dioxin analysis (high herbicides, trichlorophenol, and/or high PCB concentrations).

NEXT MEETING

The next TRC meeting will be held on November 15, 1990 at the NETC Officers Club at 10:00 a.m.

ATTACHMENT A

TECHNICAL REVIEW COMMITTEE MEET
NETC NEWPORT RHODE ISLAND
September 13, 1990

	Name	Organization	Phone
1.	RUSSELL FISH	NORTHERN DIVISION - RPM	[redacted]
2.	FRANCO LAGRECA	" " RTM	" " "
3.	RACHEL MARINO	NETC PWD	[redacted]
4.	ROBERT SMITH	TRC-ECI	[redacted]
5.	JIM PERONTO	TRC-ECI	[redacted]
6.	DEAN COKER	MELVILLE MARINE	[redacted]
7.	Dep Gomlen	Newport FD.	[redacted]
8.	Roy B Anderson	City of Newport	[redacted]
9.	Joe Marshall	Town of Portsmouth	[redacted]
10.	Maja Dan LEW	EPA Region I Federal Facilities	[redacted]
11.	Howard Goodman	NETC SJA	[redacted]
12.	Paul Kulpa	RIDEM A+HAZ	[redacted]
13.	JEFFREY CRAWFORD	RIDEM A+HAZ	[redacted]
14.	Michael Kylberg	CDM FPC	[redacted]
15.	PETER MERRITT	PORTSMOUTH CAC	[redacted]
16.	Douglas Gutro	US EPA Superfund CR	[redacted]
17.			
18.			
19.			
20.			
21.			
22.			
23.			
24.			