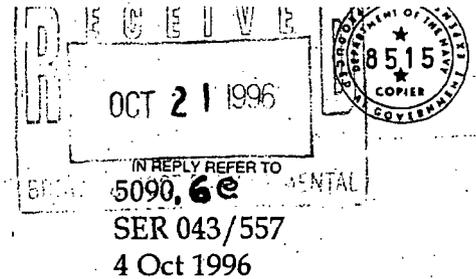




DEPARTMENT OF THE NAVY  
NAVAL WEAPONS STATION EARLE  
201 HWY 34 SOUTH  
COLTS NECK, NEW JERSEY 07722-5001



From: Commanding Officer, Naval Weapons Station Earle  
To: Distribution

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NWS EARLE  
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Subj: MINUTES OF NAVAL WEAPONS STATION EARLE RESTORATION  
ADVISORY BOARD (RAB) MEETING OF 15 AUGUST 1996.

- Encl: (1) NAVFACENGCOM Briefing "Remedial Investigation Status" and  
"Additional Data Requirements," prepared by J. Kolicius, 15 Aug 1996.  
(2) Naval Weapons Station Earle Briefing "Bioremediation Progress" and "Cleanup  
Action Plan," prepared by G. Goepfert, 15 Aug 1996.

1. A meeting of the Naval Weapons Station Earle RAB was held on Thursday,  
15 August 1996 at 7:00p.m. in Building C-54 (Conference Room), Naval Weapons  
Station Earle. The following Station and community representatives attended.

NAME	ORGANIZATION
Kevin M. Bova	Safety Director, WPNSTA Earle
Gus Hermanni	Supervisory Environmental Engineer, WPNSTA Earle
Gregory J. Goepfert	Environmental Engineer, WPNSTA Earle
John Kolicius	NORTHNAVFCENCOM
Deborah G. Sciascia	Legal Counsel, WPNSTA Earle
Lester Jargowsky	Monmouth County Health Department
Bob Marcolina	New Jersey Department of Environmental Protection
Nancy Kuntzleman	NORTHNAVFCENCOM
Russ Turner	Brown & Root Environmental
Michael Brady	PAO, WPNSTA Earle
Rich Sample	U.S. ARMY Ft. Dix
Mike Warminsky	Metcalf & Eddy, Inc.
Robert Jones	COMSUBGRU TWO, Groton, CT
Janet Coakley	Howell Township, Environmental Commission
Tim Silar	Foster Wheeler Environmental Corp.
Jeffrey Rubin	Asbury Park Press
C. M. Maskell	Metcalf & Eddy, Inc.
William J. Monahan	Tinton Falls Environmental
Mary Lanko	Resident, Howell township
Merwin Kinkade	Tinton Falls
Carole Balmer	Resident, Holmdel Township, NJ
Mary Jo Christian	Resident, Tinton Falls, NJ
Rich Brandstetter	Resident, Tinton Falls, NJ
Will Stephan	Resident, Howell Township, NJ
Vincent Moran	Resident, Leonardo, NJ
Phil Tucker	Resident, Oceanport, NJ



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2. The minutes of the 25 April 1996 meeting were reviewed as follows:

(a) Paragraph (2) of the 25 April 1996 minutes was amended to read:  
The minutes of the 29 Feb 1996 meeting were approved and entered into the record.

(b) Paragraph (4) f. : documented Ms. Coakley's concern that "No remedial action has been recommended for Sites 4 and 13; Mr Kolicius stated that a feasibility study will be prepared for Site 4 and additional hydropunch sampling will be performed at site 13. Action decisions will follow based on the feasibility study and additional sampling.

(c) Paragraph (4) g. : Response to Mr. Jargowsky's question, Mr Goepfert stated: "There are no known sites of radiological contamination at Naval Weapons Station Earle."

(d) The minutes of the 25 April 1996 meeting were approved, as amended.

3. Mr. Kolicius presented the "Remedial Investigation Status" and the "Additional Data Requirement" proposed by the Environmental Protection Agency. A copy of the briefing is provided as Enclosure (1).

a. Point: Mr Phil Tucker expressed a concern regarding trichloroethylene (solvent) contamination on the property he owned in the vicinity of Shafto Road. Particularly, he was interested in knowing if Site 26 at Naval Weapons Station Earle could have impacted that property. He also questioned if any off-Station sampling was conducted.

**Response: Mr. Jargowsky stated that the New Jersey Water Supply Authority has a monitoring well network outside the Station. He also stated that water in the aquifer moves at a rate of 72 feet/year horizontally and 4 feet/year vertically. Mr. Goepfert pointed out on the map that the property Mr. Tucker is concerned about is approximately 3.5 miles from Naval Weapons Station Earle Site 26. Further, it was pointed out that extensive watershed sampling was conducted to the Station fenceline; off-Station investigations were not conducted, and were not required by the regulatory agencies as part of the Remedial Investigation. To date, there is no indication that migrations of contaminants has occurred beyond Naval Weapons Station Earle boundaries.**

b. Point: Mr. Tucker asked if Naval Weapons Station Earle will conduct any off-Station sampling.



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**Response:** Mr. Goepfert stated that the Navy would respond as any good citizen to do whatever is necessary to protect Public Health. At this time, however, further sampling off-Station does not appear to be warranted. Mr. Tucker was referred to Mr. Marcolina (NJDEP) for further information regarding investigations on the property in question. Mr. Tucker was provided with Mr. Marcolina's telephone number and Mr. Marcolina offered to share any file information with Mr. Tucker.

c. Point: Mr. Jargowsky explained that summer interns had been conducting sampling of the Navesink watershed. He provided a map of the areas sampled. Water quality appeared to be good in the Navesink watershed. Mr. Jargowsky also pointed out that the Navesink waters east of the Oceanic Bridge were clean; Commissioner Shinn (NJDEP) has reopened that area to clammers for the first time in 25 years.

d. Point: Mr. Richard Brandstetter provided sampling results of the Pine Brook. He stated that conditions were virtually "pristine."

e. Point: Mr. Goepfert provided the status of Site 16 ("Bioslurper Progress") and a "Cleanup Action Plan." He stated that although fuel recovery was low, the Bioslurper unit has performed within industry standards. However, the final Remediation Design for Site 16 has not been decided. There was a site-specific iron-buildup problem in the separator unit that is currently being addressed. He also reiterated that the Bioslurper is a pilot unit. Copies of the briefing charts are provided as Enclosure (2).

f. Point: Mr. Jargowsky stated that other new technologies (e.g., "farming" or some form of bio-digestion process) may be considered for Site 16.

g. Point: Mr. Jargowsky stated that the State was preparing a digital orthophotographic aerial topographic map of Monmouth County (at a cost of \$2.5 million). The map would be made available for Naval Weapons Station Earle for plotting investigation data.

h. Point: Mr. Jeff Rubin, Asbury Park Press, asked how much fuel was discharged at Site 16/F?

**Response:** Mr. Goepfert responded that at this point there was no way to tell. Mr. Kolicius stated that the main objective of the investigation has been to identify the extent of spreading of the diesel fuel.



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I. Point: Mr. Brandstetter asked what is being discharged from the "Bio-Slurping" process?

**Response:** Mr. Goepfert explained that all water separated from diesel fuel would be tested prior to discharge to the Station's wastewater treatment plant. As this is a pilot facility, only a small quantity of water will be discharged from the process at this time.

5. Milestones

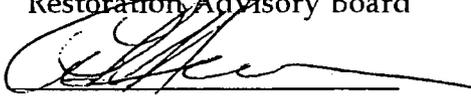
a. Naval Weapons Station Earle and Naval Facilities Engineering Command will attempt to complete all scheduled milestones identified in the briefings.

6. Mr. Goepfert thanked everyone for attending the meeting. The next RAB meeting will be held on Thursday 14 Nov 96 at 1900 hours at Naval Weapons Station Earle Building C-54 (Conference Room). The meeting adjourned at 8:45pm.

Submitted by:

  
GREGORY GOEPFERT  
Navy Co-Chair  
Restoration Advisory Board

Approved/Reviewed by:

  
A. L. HERMANNI  
By direction

Distribution:  
RAB Members/Attendees

# REMEDIAL INVESTIGATION STATUS

AUG 14 '96 09:37AM NORTHMTV ENVIRONMENT

REPORT FINALIZED  
(INCORPORATING COMMENTS) 07/17/96

FEASIBILITY STUDY (SITES 4, 5, 19 & 26)  
SCOPE OF WORK DEVELOPED 08/01/96

ANTICIPATED NEGOTIATION 08/28/96

DRAFT REPORT 09/30/96

ADDITIONAL NEEDS IDENTIFIED AT 7 SITES  
CHANGE ORDER SCOPE FINALIZED 08/16/96

COMPLETION OF FIELDWORK 12/10/96

DRAFT RI ADDENDUM DUE 02/10/97

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# ADDITIONAL DATA REQUIREMENTS

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- SITE 3 - SURFACE SOIL/SEDIMENT SAMPLES TO DETERMINE IF COMPOUNDS IN DRAINAGE SWALE ARE SITE RELATED
- SITE 12 - DETERMINE EXTENT OF LEAD-IMPACTED SOIL
- SITE 13 - DETERMINE EXTENT OF VINYL CHLORIDE IMPACT
- SITE 16/F - DETERMINE AREA IMPACTED BY DIESEL FUEL
- SITE 26 - DETERMINE EXTENT OF TRICHLOROETHYLENE IMPACT
- SITES 6,17- SURFACE WATER/SEDIMENT SAMPLES IN MARSH NEAR WATERFRONT SITES TO DETERMINE ANY ECOLOGICAL IMPACT



# NAVAL WEAPONS STATION EARLE

## *CLEANUP ACTION PLAN* AS OF AUGUST 1996

<u>SITES</u>	<u>PLACE</u>	<u>DATE</u>
24/25	PISTOL RANGES	SEPT. 1996
22, 23, 27	PAINT CHIP SITES	OCT. 1996
16/F	"BIO-SLURPING"	ONGOING

15 AUG 1996



# NAVAL WEAPONS STATION EARLE

## **"BIO SLURPER" PROGRESS**

- 170 GALLONS DIESEL FUEL RECOVERED
- 24,000 GALLONS WATER RECOVERED
- 340 HOURS OF OPERATION

15 AUG 1996

