



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

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IN REPLY REFER TO
BRO 5090 BROT ENVIRONMENTAL
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6 February 1996

From: Navy Co-Chairman, Naval Weapons Station Earle Restoration Advisory Board
To: Distribution
Subj: MINUTES OF WPNSTA STATION EARLE RESTORATION ADVISORY BOARD
Encl: (1) "Superfund Fact Sheet: Exposure Pathways," U. S. Environmental Protection Agency Publication 9230.0-05 FSb, of September, 1992
(2) "Understanding Superfund Risk Assessment," U. S. Environmental Protection Agency Publication 9285.7-06FS, of July, 1992
(3) "Specific Ground Water Quality Criteria - Class II-A and Practical Quantitation Levels," New Jersey Register, of 1 February 1993
(4) "Soil Cleanup Criteria (mg/kg)," New Jersey Department of Environmental Protection, of 3 February 1994
(5) "Naval Weapons Station Earle Remedial Investigation Update," prepared by Mr. John Kolicius, Northern Division, Naval Facilities Engineering Command, of 7 December 1995

1. A meeting of the Naval Weapons Station Earle Restoration Advisory Board (RAB) was held on Thursday, 7 December 1995 at 7:00 PM, at the Office of the Monmouth County Health Department. The following Station and community representatives attended:

<u>NAME</u>	<u>ORGANIZATION</u>
Gregory Goepfert	WPNSTA Earle (Safety)
Lester Jargowsky	Monmouth County Health Department
Russell Turner	Brown & Root Environmental
Carole Balmer	Holmdel Planning Board
Jeffrey Gratz	U. S. Environmental Protection Agency
Ron Mateyak	Monmouth County Health Department
Will Stephan	Howell Township Resident
Bob Marcolina	N.J. Department of Environmental Protection
Janet Coakley	Howell Environmental Commission
John Kolicius	Naval Facilities Engineering Command (NORTHDIV)
Gus Hermann	WPNSTA Earle (Safety)
Mike Brady	WPNSTA Earle Public Affairs Office
Bill Simmons	Monmouth County Health Department
Mary Jo Christian	Tinton Falls Citizens for Clean Air
Mary Lanko	Howell Township Resident
Merwin Kinkade	Boro of Tinton Falls
Marilyn Boak	Colts Neck Board of Health



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2. Introductions were made.

3. The minutes of the 5 October 1995 meeting were approved by members present.

4. The RAB charter will not be changed upon the dissolution of the "Technical Review Committee (TRC)." Mr. Kolicius sent a letter of interest to all TRC members on the mailing list; those that express interest in becoming a member of the RAB will then become RAB members. [Only interested party thus far was Mr. Merwin Kinkade, representing Tinton Falls.]

5. Mr. Kolicius advised the RAB that the Navy Environmental Health Center (NEHC) will perform a "human health-based risk analysis" on laboratory test results for field samples collected at Naval Weapons Station Earle in the May through September 1995 timeframe. The NEHC is located in Norfolk, VA. Mr. Kolicius will forward remedial investigation laboratory analysis results to NEHC.

6. Field sampling that was deferred from the Fiscal Year (FY) 1995 field work plan was completed by Brown & Root Environmental in December 1995 [FY95 ended 30 Sep 1995, FY96 begins 1 October 1995]. Sites completed were: 9 (Landfill Southeast of "P" Barricades), 14 (Defense Property Disposal Office Warehouse, Bldg. C-33), 26 (Explosive "D" Washout Area near Bldg. GB-1), 27 (Projectile Refurbishing Area, behind Bldg. E-14), L (MSC Van Parking Lot) and Q (Military Sealift Command Fire Fighting School).

7. Mr. Will Stephan asked if sampling results from the entire base would be taken into account during the risk assessment process. Ms. Carole Balmer also questioned if cumulative effects would be considered in the risk assessment process. Mr. Jeff Gratz stated that stream sampling and other background soil and well sampling would address those issues. Ms. Janet Coakley asked how the background results compared to New Jersey standards [comparisons of this nature will be formally presented in the Remedial Investigation report, due to be released in February, 1996].

8. Mr. Will Stephan was interested in a description of the Risk Assessment Process. Given the interest in this matter, Mr. Gratz offered to have an EPA expert give a presentation on the Risk Assessment Process at the next RAB meeting. [Enclosures (1) and (2) have been provided by Mr. Gratz for distribution to RAB members.]

9. Mr. Bob Marcolina presented enclosures (3) and (4) for distribution to all RAB members.



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10. A general discussion ensued concerning the validated results from field sampling. Sites that were specifically discussed were Site 16/F (Bldg. C-50 and C-16 area) and Site 26 (near Bldg. GB-1). With reference to Site 16, Mr. Goepfert explained that petroleum hydrocarbons have been successfully cleaned up at a Burlington Northern Railroad site using trenching and extraction from wells. Mr. Jargowsky mentioned that New Jersey Transit should also have information on clean up of railroad sites. Mr. Mateyak asked how Trichloroethylene levels in the Site 26 well compared to State standards [the State ground water quality criteria is 1 ppb; the result in well 26GW01 was 1700 ppb]. Messrs. Goepfert and Koliccius stated that the source has been identified at Site 26 as an abandoned septic/distribution box. A feasibility study will be conducted for this site; the site may be a candidate for bioremediation.

11. Mr. Koliccius distributed enclosure (5).

12. Mr. Jargowsky was interested in knowing who/what organization is responsible for final decision making concerning these sites. [The answer is contained in the National Contingency Plan (40 CFR 300.430(f)(4)(iii)(A) & (B)). The process for selection of a remedial action at a federal facility on the NPL, pursuant to CERCLA section 120 shall entail: (a) joint selection of remedial action by the head of the relevant department, agency or instrumentality and EPA; or (b) if mutual agreement on the remedy is not reached, selection of the remedy is made by EPA.]

13. Ms. Carole Balmer asked how much more study would be required at Site 16/F. Unlike the field sampling program to date, the Feasibility "Study" at Site 16/F will include some removal of petroleum products. The result of the "Feasibility Study" phase will be the groundwork for actual remedial action.

14. We had a short discussion concerning remedial technologies. Ms. Coakley spoke about bioremediation and noted she had knowledge of one site where bioremediation was not effective if the contamination was too far below ground surface. Mr. Will Stephan noted that in some cases, natural attenuation would be the best choice. Mr. Koliccius also noted that removal of the source would also be considered when the time comes to select among remedial alternatives.

15. The following actions and dates were determined:

a. 29 February 1996 - Mr. Gratz will arrange for a risk assessment expert to make a presentation on the Risk Assessment Process to the RAB.



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b. 29 February 1996 - Remedial Investigation Report to be submitted for RAB review.

16. The meeting adjourned at 8:35 P.M. The next RAB meeting will be held at Naval Weapons Station Earle, Bldg. C-54 Conference Room, at 7:00 P.M. on 29 February 1996.


GREGORY J. GOEPFERT

Distribution:
RAB Members

NAVAL WEAPONS STATION EARLE
RESTORATION ADVISORY BOARD
DECEMBER 7, 1995

@ MONMOUTH COUNTY HEALTH DEPARTMENT
FREEHOLD, NEW JERSEY

<u>NAME</u>	<u>REPRESENTING</u>
GREGORY J. GOEPFERT	SAFETY DEPT., ENVIRONMENTAL DIV. NAVAL WEAPONS STATION EARLE
<i>Victor Jargowsky</i>	MCBA
RUSSELL E. TURNER	BROWN & ROOT ENVIRONMENTAL
<i>Carol Balmer</i>	96 Middlebrook Rd. Harris Planning Board
<i>Jeffrey Shatz</i>	EPA - Region II
ROW MATEYAK	MCHD
WILL STEPHAN	HOWELL TOWNSHIP RESIDENT
BOB MARCOLINA	NJDEPE
JANET COAKLEY	HOWELL ENVIRONMENTAL COMMISSION
JOHN KOLICIUS	NORTHNAVFALCOM, PHILA, PA
<i>Gus Hermann</i>	WPLSTA EARLE

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RESTORATION ADVISORY BOARD
DECEMBER 7, 1995

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FREEHOLD, NEW JERSEY

NAME

REPRESENTING

Mike Brady

WPNSTA Earle P/O

Blm Simmons

Monmouth C/A

Mary Jo Christian

T.F. Citizens Clean Air - Tinton Falls

Mary Lanko

Howell Township Resident

MERALYN KIRKMAN

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MARILYN BOAK

CONTS NERIC BOARD OF HEALTH