



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

IN REPLY REFER TO
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From: Navy Co-Chairman, Naval Weapons Station Earle Restoration Advisory Board
To: Distribution

Subj: MINUTES OF NAVAL WEAPONS STATION EARLE RESTORATION ADVISORY BOARD (RAB)

1. A meeting of the Naval Weapons Station RAB was held on Thursday, 29 February 1996 at 1900 hours in Building C-54 (Conference Room), Naval Weapons Station Earle. The following Station and community representatives attended:

<u>NAME</u>	<u>ORGANIZATION</u>
Captain John C. Shick	Commanding Officer, WPNSTA Earle
Larry Caringi	Executive Officer, WPNSTA Earle
Kevin M. Bova	Safety & Environmental Director, WPNSTA Earle
Mike Brady	Public Affairs Officer, WPNSTA Earle
Janet Coakley	Howell Township Environmental Commission
Russ Turner	Brown and Root Environmental
Merwin Kinkade	Tinton Falls Borough
Vincent Moran	Resident, Leonardo, NJ
William Monahan	Tinton Falls Environmental Commission
Robert Corby	Monmouth County & Wall Township Environmental Commission
Gregory J. Goepfert	WPNSTA Earle Safety and Environmental Department
Marian Olsen	USEPA, PSB/ERRD, Region II
Jeff Gratz	EPA Region II Project Manager
Lester Jargowsky	Monmouth County Health Department
Will Stephan	Resident, Howell Township
John Vasile	Association of Civilian Employees, WPNSTA Earle
Mary Lanko	Resident, Howell Township
Marilyn Boak	Colts Neck Board of Health
Bob Marcolina	New Jersey Department of Environmental Protection
Mary Jo Christian	Resident, Tinton Falls
John Kolicius	Northern Division, Naval Facilities Engineering Command
Robert F. Jones	COMSUBGRU TWO, New London, Connecticut
Shannon Behr	Northern Division, Naval Facilities Engineering Command
Bob Lewandowski	Northern Division, Naval Facilities Engineering Command
Nancy Dzedzicki	WPNSTA Earle Safety & Environmental Department (Recorder)

2. Mr. Goepfert opened the meeting. Introductions were made. Mr. Goepfert introduced Ms. Marian Olsen from the USEPA. She was invited to give a presentation to the group on "Risk Assessment."

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3. Mr. Goepfert reviewed the minutes of the 7 December meeting:

a. The Remedial Investigative Report by Brown and Root. An Executive Summary of the Report would be submitted to all RAB members for review by 15 March 1996. The report will include the 6 sites whose investigations were completed in December 1995. One copy of the final draft Remedial Investigation Report will be held by the Monmouth County Board of Health and another copy will be on file in the Monmouth County Library, Eastern Branch. The final draft Remedial Investigation Report will be completed by the end of March, 1996.

b. Call to New Jersey Transit: How do they remediate their sites?

Mr. Jargowsky offered that New Jersey Transit's experience was not germane to Naval Weapons Station Earle's sites. The idea to contact N.J. Transit was tabled.

c. Mr. Goepfert advised everyone that one of the RAB members, Ms. Mercedes Johnson (of the League of Woman Voters) had passed away. Mr. Goepfert contacted Ms. Barbara Rosenzweig (representing the League of Woman Voters) advising her of the vacancy on the RAB. Ms. Rosenzweig will canvass the League of Women Voters membership to find out if someone is interested in filling the RAB vacancy.

4. Agenda Items:

a. Mr. Goepfert discussed committee's priorities:

(1) Review of process:

- Objective is to clean up sites requiring clean up or write off sites that don't pose a threat.
- Conduct feasibility studies (which will provide a menu of choices for remedial action).
 - Conduct Risk Assessments
 - EPA to approve means of clean-up.
 - Move forward, do the work.

(2) Objectives:

- WPNSTA Earle has 31 active sites--29 original and 2 EPIC sites.
- John Kolicus (NORTHDIV) explained the RCRA process.
- 19 sites will be closed out by year end 1996 (61%).
- Projects will be prioritized.
- Risk Assessments may require additional sampling to satisfy ecological and Human Health concerns.

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- 77.4% of the IR Program is fully accounted for. Actions on low priority sites will be deferred (i.e., 22.6% of the program).

b. Mr. Goepfert presented an informational video on some WPNSTA Earle's IR Sites.

- DEMIL Pad (Furnace): In November 1995, facility was considered cleaned up by NJDEP.

- Site No 27: Projectiles shot blasted -- old paint chips in the soil. The scheduled clean-up is Summer 1996.

- Site No. 19: Ordnance stripped of paint and stored on the soil. This year a contract will be awarded to conduct a feasibility study.

- Site No. 23: Clean-up is scheduled for Summer 1996. Follow-up sampling will be conducted.

- Site No. 22: Building D-2-- paint and sludge disposal site. Clean-up is scheduled for Summer 1996.

- Site No. 4: Used as a landfill from 1943-1960. A feasibility study will be conducted this year (the Boy Scouts planted pine trees here about 25 years ago).

- Site No. 5: Located adjacent to Site #2. A feasibility study will be conducted this year.

- Site No. 24: Previously used as Pistol Range. Berm saturated with spent lead shot. An in-house effort to clean-up the site will commence in the Summer of 1996.

- Site 16/F: Encompasses area of Building C-16. Leak from an underground diesel fuel line which ran from the old gasoline station to Building C-50 [diesel locomotive fill area]. A map provided indicated a 3' layer of diesel fuel. Clean-up is scheduled to begin in April 1996. In a meeting with NJDEP, this area will be considered one site (with the old gasoline dispensing station) and will be included in the Underground Storage Tank Program. For current operations, no long fuel lines are located underground; diesel fueling of locomotives is performed adjacent to the tracks entering Bldg. C-50.

c. Four (4) High Priority Sites: Mr. Goepfert went over the schedule for these sites.

- Sites 4, 5, 19 & 26: This year, a feasibility study, as well as a risk assessment will be conducted by Brown and Root Environmental for each site.

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d. Sites No. 24 & 25: The question was asked "How will the sites be cleaned up in-house?" Mr. Kolicus (NORTHDIV) explained the process. The lead shot on these sites hasn't shown to be leaching into the soil. Personnel involved in the process will receive the proper OSHA training.

e. Mr. Goepfert reviewed the Funding Profile for all sites. The total FY-96 program will cost approximately \$885,000. He went on to explain that we need to come up with additional cost-saving ways to clean-up these sites since the probability of receiving additional funds is not very likely.

f. Action has been deferred on 7 sites. These are the lowest priority sites. EPA will be reviewing the sites. Mr. Jargowsky asked "What is the basis for ranking these sites, as well as what will be the final action on Site 13? What will be the final action for the 11 Sites are proposed for no further action?"

Mr. Goepfert explained that the site ranking presented this evening was not final in any way; it was the preliminary opinion of the Navy reviewers that the sites may be ranked as such. Extensive reviews by the regulatory agencies (U. S. E.P.A. and N.J.D.E.P.) must be conducted, as well as public review and comment before any final ranking is agreed to and any further action or inaction decision is made.

g. Mr. Goepfert explained that both firing ranges will be in-house clean-up projects. The estimated cost will be \$80,000.

h. USEPA Presentation: Ms. Olsen, USEPA presented an overview of the risk assessment process ("Details of Risk Assessment").

- What is Risk Assessment?
- Risk Characterization
- How to address risk?
- Identify contaminants
- Assess toxicity
- Characterize risk

Ms. Olsen reviewed the classification and class of some carcinogens. She reviewed dose response curve (defining quantitative relationship between exposure and adverse risk). She also reviewed risk assessment equations, exposure pathways, quantity exposure and human

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exposure. One of the main points concerning human health cancer risk made was that a risk of one in a million (1 in 1,000,000) is the risk of one *additional* case in one million of population. This is an important point to remember when evaluating risk numbers generated for a specific site.

Mr. Goepfert thanked Mr. Jeff Gratz, U.S. E.P.A. for arranging Ms. Olsen's attendance and thanked Ms. Olsen for her professional presentation at this meeting.

5. Milestones:

a. 15 March 1996: Remedial Investigation Report Executive Summary (Brown & Root) due. Copies of the report will be sent out to members.

b. 29 March 1996: Brown and Root completes final draft of the Remedial Investigation Report.

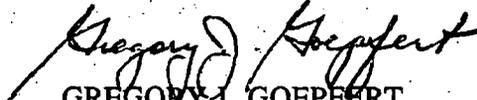
c. 15 April 1996: RAB members to provide Lester Jargowsky with comments on the Remedial Investigation Report Executive Summary.

d. 25 April 1996: RAB meeting is scheduled for Thursday, 25 April 1996 on WPNSTA Earle, Building C-54 at 1900 hours.

e. 15 May 1996: NORTHNAVFACENCOM budget due (FY-97 through 2003). Will get firm estimates from the Navy Contractor for feasibility studies.

Mr. Jargowsky would like to consolidate report comments without any editing. RAB members will get their comments to Mr. Jargowsky by 15 April 1996.

6. The meeting adjourned at 2100 hours.


GREGORY J. GOEFFERT

Distribution:
RAB Members