



**DEPARTMENT OF THE NAVY**

NAVAL WEAPONS STATION EARLE  
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COLTS NECK, NEW JERSEY 07722-5001

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IN REPLY REFER TO

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

Subj: MINUTES OF NAVAL WEAPONS STATION EARLE RESTORATION ADVISORY BOARD (RAB) MEETING OF 16 OCT 97

- Encl: (1) "Remedial Action Status," prepared by Mr. John Kolicius, Northern Division, Naval Facilities Engineering Command, 16 Oct 97.  
(2) "Bioslurper Progress," prepared by Mr. Gregory Goepfert, Naval Weapons Station (WPNSTA) Earle, 16 Oct 97.

1. A meeting of the Naval Weapons Station Earle RAB was held on Thursday, 16 Oct 97 at 7:00 p.m. in Building C-54 (Conference Room), WPNSTA Earle. The following Station and community representatives attended:

NAME	ORGANIZATION
Robert M. Honey	Commanding Officer, WPNSTA Earle
Kevin Bova	Executive Director, WPNSTA Earle
Deborah Sciascia	Office of Counsel, WPNSTA Earle
Gus Hermanni	Safety Director, WPNSTA Earle
Dennis Blazak	Supervisory Environmental Engineer, WPNSTA Earle
Gregory Goepfert	Environmental Engineer, WPNSTA Earle
Mike Brady	Public Affairs Office, WPNSTA Earle
Mike Wierman	Brown & Root Environmental
Lester Jargowsky	Monmouth County Health Department
John Kolicius	NORTHNAVFACENGCOM
John Mayhew	NORTHNAVFACENGCOM
Russ Turner	Brown & Root Environmental
Merwin Kinkade	Tinton Falls
Sharon Jaffess	EPA Region II, Project Manager
Jeff Stern	Monmouth County Environmental Coalition
Bob Marcolina	New Jersey Department of Environmental Protection
Mary Lanko	Resident, Howell Township
Angela Galloway	Asbury Park Press
Carole Balmer	Resident, Holmdel
Mike Heffron	Foster Wheeler Environmental
Vincent Moran	Resident, Leonardo
Mary Jo Christian	Resident, Tinton Falls

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2. Mr. Goepfert introduced Captain Robert M. Honey, the new Commanding Officer of (WPNSTA) Earle. Captain Honey said, "I look forward to working with the RAB."
3. Mr. Goepfert introduced Ms. Sharon Jaffess, the new Environmental Protection Agency (E.P.A.) Project Manager for the (WPNSTA) Earle site. Ms. Jaffess explained that she was a Hydrogeologist, and had worked in the Resource Conservation and Recovery Act (RCRA) and "Superfund" program groups at E.P.A. Region II. She looks forward to "continuing the momentum" on the Earle program.
4. Mr. Jeff Stern introduced himself. Mr. Goepfert welcomed him as a new (non-voting) RAB member. [Although Ms. Tina Freedman was not in attendance, it was mentioned that she, too, had been designated as a new (non-voting) RAB member].
5. The minutes of the 17 Jul 97 RAB meeting were reviewed, approved and entered into the record.
6. Mr. Kolicius provided the "Remedial Action Status"(encl. (1)). He stated that the "Proposed Plan" for Site 26 (Bldg. GB-01, trichloroethylene site) would be issued within two weeks. Task orders have been awarded for Feasibility Studies at Sites 3 (Landfill SW of F-group Magazines), 10 (Scrap metal landfill near Bldg. 589) and 13 (Defense Property Disposal Yard, known as "Shea's Yard"), and for the "No Further Action/Record of Decision" documentation [for Sites 14 (Defense Property Disposal Office Warehouse, Bldg. C-33), 20 (Grit Blast Disposal Site Adjacent to Bldg. MAB-544), 22 (Paint Sludge Disposal Site, Bldg. D-2), 23 (Paint Sludge Disposal Site, Bldg. D-5), 24 & 25 (Closed Pistol Ranges), 27 (Paint Sludge Disposal Site, Bldg. E-14) and 29 (PCB Spill Site, Bldg. C-16)].

(a) Mr. Jargowsky commented that a "pro-active" approach continues to be evidenced in the program as designs and contractual documents are prepared in anticipation of receipt of funds.

(b) Mr. Goepfert asked if any design dates have been established at Site 26.

**Mr. Kolicius responded that "not too much is being done in design right now--awaiting approval of the "Proposed Plan" before proceeding with design work.**

7. Mr. Goepfert presented a viewgraph of the "Bioslurper Progress" (encl. (2)) at Site 16/F (Diesel Fuel Spill Site). A video presentation of the WPNSTA Earle Bioslurper unit was also provided, narrated by Mr. Michael Heffron of Foster Wheeler Environmental Corporation.

(a) Mr. Kolicius asked, "how will the iron (Fe) problem be handled?"

**Mr. Heffron responded that a product called "FeRemede" would be used as a "sequestering agent," to prevent naturally occurring iron in the water withdrawn from the recovery wells from oxidizing and solidifying--thereby reducing the efficiency of the oil/water separation process.**



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(b) Mr. Jargowsky asked, "how much withdrawal was experienced in the prototype unit?"

**Mr. Heffron responded, "200 gallons of fuel was recovered from one well in nine (9) months of operation. The scaled up units will operate for a period of one year."**

**Mr. Mayhew offered that bioslurper recovery wells were located and installed in areas where diesel fuel product concentrations were made evident by the Site Characterization and Penetrometer System (SCAPS) unit.**

(c) Mr. Turner asked, "would the units be equipped with freeze protection?"

**Mr. Heffron responded, "yes."**

(d) Ms. Balmer asked if the "FeRemede" product would be useful in a residential water system.

**Mr. Kolicius opined that the bioslurper flowrate/conditions are significantly different than those you may experience in a residential water system.**

8. Mr. Kolicius explained that site clearing work will take place in the winter at Sites 4 (Landfill south of Lake Earle), 5 (Landfill West of Army Barricades) and 19 (Paint Sludge Disposal Site Adjacent to Bldg. S-34). An added advantage of winter work is that the tick population is reduced.

(a) Ms. Balmer asked, "Will there be silt fencing and erosion control on these jobs?"

**Mr. Kolicius answered, "yes, an Erosion Control Plan has been prepared, and New Jersey Department of Environmental Protection (NJDEP) representatives have been out to see these sites.**

9. Mr. Kinkade asked if the air/exhaust from the bioslurper would have to be treated.

**Mr. Heffron answered, "the NJDEP air permit does not require treatment, however, Foster Wheeler operations personnel will be testing the air/exhaust from the bioslurper units."**

10. Mr. Blazak asked what the withdrawal rate was at wells situated in the Pinelands?

**Mr. Mayhew answered that he did not know, but pointed out that 5 to 10 gallons per minute allows for a good cone of depression from these wells. He explained further that a thin layer of fuel oil will rise and fall with the water table in an area described as the "smear zone."**



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(a) Ms. Balmer and Mr. Marcolina expressed interest in seeing the bioslurper system in operation. Mr. Marcolina stated that Naval Weapons Station Earle would soon receive a "Treatment Works Approval" for discharge of effluent water from the separation process to the Station's sewerage treatment plant.

(b) Mr. Jargowsky asked if the Navy pays fees for permits.

Mr. Kolicius answered that since this remedial effort is covered under the "leaking underground storage tank program," permit fees are paid. [Permits are not required under the "Superfund Program"].

11. Mr. Jargowsky, on behalf of one of the RAB members, asked if depleted uranium (DU) ordnance items are burned at the Explosives Ordnance Disposal (E.O.D.) range.

**Mr. Goepfert answered, "upon questioning of the Ordnance Disposal Officer and the Ordnance manager, DU items are not burned at the E.O.D. Range. Navy protocol is that disposal actions regarding DU items would be handled at facilities other than WPNSTA Earle."**

12. Mr. Jargowsky complimented Mr. Blazak for his presentation on 15 Oct 97 to the Navesink River ("No Discharge Zone") group.

13. Mr. Jargowsky would like to have the "rapid bioassessment" student team in to Earle to follow up on the April 1997 sampling event. He explained the cost effectiveness of "rapid bioassessment" stream sampling.

(a) Mr. Mayhew asked if bioassessment data would be archived in the Geographic Information System (G.I.S.).

**Mr Jargowsky answered, "yes."**

14. Mr. Kinkade explained that the Pine Brook area may be designated as a "special planning district" by Tinton Falls, and that the Pine Brook may be declared "trout maintenance waters" by the NJDEP.

15. Milestones

a. A site tour for new members will be arranged by Mr. Goepfert before December 1997.

b. RAB members will be invited to witness bioslurper operations, when the system is running.



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c. Mr. Goepfert will arrange for the bioassessment team to revisit Earle.

d. Mr. Marcolina will follow up on the issuance of the Treatment Works Approval permit for bioslurper discharge.

16. All business completed, the meeting adjourned at 8:25 P.M. Mr. Goepfert announced the next RAB meeting is scheduled for 22 Jan 98, 7:00 P.M., at WPNSTA Earle, Building C-54 (Conference Room).

Submitted by: *Gregory J. Goepfert* 2/01/97  
GREGORY J. GOEPFERT  
Navy Co-Chair  
Restoration Advisory Board

Approved/Reviewed by: *Dennis E. Blazak*  
DENNIS E. BLAZAK  
By direction

Distribution:  
RAB Members/Attendees

