



Brown & Root Environmental

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May 23, 1996

Project Number 5278

Mr. Robert X. Krivinkas
Remedial Project Manager
Northern Division, Naval Facilities Engineering Command
10 Industrial Highway, Mail Stop 82
Lester, Pennsylvania 19113

Reference: CLEAN Contract No. N62472-90-D-1298
Contract Task Order 218

Subject: Summary
May 15, 1996 RAB Meeting

Dear Mr. Krivinkas:

Enclosed is the summary of the minutes from the Restoration Advisory Board meeting held on May 15, 1996, pursuant to subtask 0750.

If you have any questions regarding these matters, please contact me at (508) 658-7899.

Very truly yours,

A handwritten signature in cursive script that reads "Betsy Horne".

Betsy Horne
Community Relations Specialist

Enclosure

c: J. McEnness, Community Co-chair
J. Wyman, Navy Co-chair
B. Wheeler/D. Sanders, NETC
L. Chu/G. Bullard, B&RE - Wilmington
J. Trepanowski/M. Turco, B&RE - Wayne
File 5278 - 3.2 /5278 - 9.4

NETC RESTORATION ADVISORY BOARD LEARNS ABOUT NARRAGANSETT BAY GEOLOGY

On Wednesday, May 15, 1996, the NETC Installation Restoration Program Restoration Advisory Board (RAB) met for another in a series of orientation sessions. The meeting goals were to hear a presentation on the Narragansett Bay area's geology and to review the draft RAB charter.

Dr. John King of URI discussed how sediments arrived in the area and how that information played a part in the geophysical investigations URI has conducted for NETC. As the glaciers melted, they released masses of material such as rocks and soil (sediment). The melting also released fresh water that filled low lying areas. The accompanying sediments form the basis of the bottom of Narragansett Bay.

The present configuration of Narragansett Bay was established approximately 5,000 years ago. Acoustic imaging allowed URI to map the surface of the bottom sediments and their distribution, resulting in a photograph-like image that is used to establish a baseline - a snapshot of the features and properties of the sediments at a given time. The baseline allows for measuring changes in those characteristics over time.

Samples collected off McAllister Point Landfill that showed that sediment size decreases with distance from shore. Metal contaminants are associated with fine grained material, so, for instance, more contamination would be found in mud than in sand. The highest levels of contamination entering the bay are at its top, near the Fields Point sewage treatment plant and industrial discharges coming down the river. The lowest measured concentrations are at the end of the bay near the Atlantic Ocean.

Using this information and a variety of techniques, URI has mapped contaminant concentrations throughout Narragansett Bay. For lead, they have identified sites that are above and below levels of concern. Off McAllister Point Landfill, it is clear that metals are there and are continuing to accumulate, although not far off shore concentrations drop. Core samples taken off the coast of Derecktor Shipyard show various layers of copper close to the dock areas. Lead was found at high concentrations throughout the Shipyard area, indicating that the source of lead contamination was both from the Shipyard and up-bay locations.

Betsy Horne from Brown & Root Environmental led a discussion of the draft charter. Broad issues raised and addressed included representation, both by RAB members and of other groups; outreach, to maximize the RAB's ability to identify concerns and issues in the outlying community; membership numbers and diversity to ensure a RAB that is representative of the larger community; document review responsibilities; and the need for subcommittees to address a variety of tasks.

The next RAB meeting will involve a bus tour of the high priority NETC sites and ratification of the charter.

RESTORATION ADVISORY BOARD
15 MAY 1996

AGENDA

Presentation on Local Geology

- Dr. John King, University of Rhode Island

Progress Report

- Brad Wheeler, NETC

Site Visit: 19 June 1996, 5:00 PM (Bus Tour)

Review of Charter

- Comments and Revisions

- Establish Date For Ratification and Signing

Next Meeting: 19 June 1996, 7:00 PM

Social

TEAMWORK GROUND RULES

ALL VIEWS ARE VALID

TALK TO THE CHAIRMEN

SUSPEND JUDGEMENT

NO PERSONAL ACCUSATIONS

ONE VOICE AT A TIME

MAINTAIN RELEVANCE

ADHERE TO TIME ALLOCATION

FOCUS ON THE JOB

(task is the boss)

SYNDICATE OBJECTIVES

(establish conclusions and recommendations)

ANYTHING YOU SAID WILL NOT BE USED

AGAINST YOU LATER

**RESTORATION ADVISORY BOARD
1996 TENTATIVE SCHEDULE**

19 JUNE

17 JULY

21 AUGUST

18 SEPTEMBER

16 OCTOBER

20 NOVEMBER

**RESTORATION ADVISORY BOARD
WORKING AGENDA ITEMS**

Hazard Ranking System Presentation
U.S. EPA

Biology of Lower Narragansett Bay
Sheldon Pratt, University of Rhode Island

Installation Restoration Schedule, Newport Naval Complex
Northern Division Naval Facilities Engineering Command

Charter: Final Review

Chemistry Basics
Dr. James Quinn, University of Rhode Island

Human Health Risk Assessment

Detailed Presentations

McAllister Point Landfill

Derecktor Shipyard

Gould Island

Nuwc Disposal Area

Tank Farms

Other Items