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12-7-1994

DEPARTMENT OF THE NAVY

NORTHERN DIVISION  
NAVAL FACILITIES ENGINEERING COMMAND  
10 INDUSTRIAL HIGHWAY  
MAIL STOP, #82  
LESTER, PA 19113-2090

IN REPLY REFER TO

5090  
Ser 2332/1823/JMC

DEC 23 1994

MEMORANDUM

FOR THE MEMBERS OF THE TECHNICAL REVIEW COMMITTEE (TRC), CERCLA  
REMEDIAL ACTION PROGRAM, PORTSMOUTH NAVAL SHIPYARD, KITTERY,  
MAINE

Thank you all for participating in the recent TRC meeting. Your time and efforts are appreciated. Enclosed are the minutes from the December 7, 1994 Technical Review Committee (TRC) meeting. The next TRC meeting is scheduled for February 9, 1995. Once an agenda is developed for this next meeting it will be mailed to everyone.

If anyone has any questions, comments or corrections please contact me at (610) 595-0567 (extension 117).

Sincerely,

JAMES M. CONROY, PE  
LT, CEC, USN  
Remedial Project Manager  
By direction  
of the Commanding Officer

Encl: TRC Meeting Minutes

Distribution:

TECHNICAL REVIEW COMMITTEE MEMBERS

EPA Region I (E. Waterman)  
MEDEP (N. Beardsley)  
NOAA (K. Finkelstein)  
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Onil Roy (Town of Kittery)  
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Eileen Foley (Town of Portsmouth)  
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Bruce Smith (NH Fish & Game)  
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Portsmouth Naval Shipyard (Code 120, 121, 121.10)  
Portsmouth Naval Shipyard (Code 910, 106, 870)  
Portsmouth Medical Clinic (CDR Longstaff)  
NEHAC Detachment Portsmouth (CAPT Pessoney)  
NCCOSC (R. Johnston)  
UNH-JEL (L. Ward)  
Halliburton NUS (L. Klink)  
Halliburton (B. Horne)

**PROPOSED AGENDA**

**TRC MEETING**

**7 DEC 94**

- RAB UPDATE (Status update)
- ROUGH DRAFT SUBMITTALS (Brief status update)
  - CMS Report
    - Data Synthesis - Feb 22<sup>nd</sup>
  - RFI Data Gap Report →
- INTERIM MONITORING (Brief discussion of upcoming efforts)
  - ~~--~~ Off-Shore
  - Groundwater - Revised GW monitoring WP implementation
- SUPPLEMENTAL OFF-SHORE HUMAN HEALTH RISK EVALUATION
- PUBLIC WORKSHOP
  - Date, dry run, posters, speakers, etc.

**MEETING MINUTES**

**Technical Review Committee (TRC) Meeting  
Portsmouth Naval Shipyard**

**PURPOSE:** The TRC meeting was held to discuss: (a) the progress of converting the TRC to a Restoration Advisory Board (RAB), (b) upcoming reports and monitoring efforts and (c) the upcoming public workshop on the off-shore studies.

**LOCATION:** Portsmouth Naval Shipyard  
Museum and Visitors' Center  
Kittery, Maine

**DATE:** December 7, 1994

**NEXT MEETING:** February 9, 1995

**Prepared by:** LT Jim Conroy  
Remedial Project Manager

**ATTENDEES:**

**Community/Public Representatives**

Phil McCarthy, Town of Kittery

**USEPA Region I**

Ernest Waterman, Project Manager

**Agency for Toxic Substances and Disease Registry**

Louise House

**Maine Department of Environmental Protection**

Nancy Beardsley, Project Manager  
Richard Heath, Project Geologist

**Maine Department of Marine Resources**

Brad Sterl

**Portsmouth Naval Shipyard**

Ken Plaisted, Environmental Affairs  
Jim Tayon, Environmental Affairs  
Fran Endyke, Environmental Affairs  
Mary Anne Mascianica, Public Affairs  
Mike Pedersen, Environmental Affairs

**University of New Hampshire**

Larry Ward

**Navy Environmental Health Center**

Charles Grosse

**Naval Facilities Engineering Command, Northern Division**

LT Jim Conroy, Project Manager  
Mark Leipert, Technical Manager  
Diana McPherson, Biological Sciences

**U.S. Navy, NCCOSC, Research and Development Division**

Bob Johnston

**Halliburton NUS**

Linda Klink, Project Manager  
Betsy Horne, Community Relations Specialist

**BACKGROUND:**

This meeting was held to update the TRC members on progress of: converting to a Restoration Advisory Board (RAB), status of study reports currently under development, preparation for groundwater and off-shore monitoring, and preparation for the public workshop to present the results of the off-shore human and ecological risk assessments.

**SUMMARY:**

The meeting was opened by LT Jim Conroy at approximately 9:45 a.m. with a discussion of the agenda. Ken Plaisted presented a status of the conversion to a RAB and future actions necessary to continue the process, see attached chronology of RAB development and proposed future actions. This was followed by a brief progress update by LT Jim Conroy on reports and studies underway, including the supplemental seafood ingestion risk assessment, see attached presentation outline.

Nancy Beardsley gave an update of the state's evaluation on the need for a health advisory for seafood ingestion. She will be meeting with the Bureau of Health on December 19th to discuss the issue. The evaluation considers a revised risk calculation done by the Navy at the request of MEDEP which: (1) modified the format of the risk assessment to determine the acceptable consumption rate, (2) removed arsenic from the evaluation based on ATSDR guidance that arsenic in seafood is in the less toxic organic form, (3) used MEDEP/BH meal size definitions and acceptable risk numbers.

The formal portion of the meeting was concluded with an open discussion on the format and content of the Navy's public workshop. Several items were brought up:

The format and content of the workshop should match the scope of a health advisory if issued.

The public workshop should be held some time after the health advisory is issued. However, if the health advisory is not issued in a timely manner, the public workshop presentation would proceed.

Both health and economic considerations are relevant to gauging public response.

Format will probably include poster stations 1/2 hour before the meeting and after the presentation as long as people remain for discussion.

Content of formal presentation will focus on the human health issues and ecological issues will be presented at a poster station.

Thursday February 9, 1995 was set as the date for the next TRC meeting.

DISCUSSION:

Following is a summary of the discussion during and after the presentation:

Bob Johnston asked about the persons who may not have been selected for the RAB from the internal shipyard community.

Ken Plaisted responded that those people who applied for the RAB but were not selected by the RAB selection panel would be encouraged to participate in the public RAB meetings and that future opportunities would exist to replace existing RAB members as changes occur.

Mary Ann Mascianica explained the process through which the RAB selection committee chose the five new members from the ten applicants.

Richard Heath recommended that groundwater monitoring activities be coordinated with groundwater monitoring which will occur for the new Hazardous Waste Storage Facility which is about to be built.

Bob Johnston asked what was driving the human health risk for seafood ingestion.

LT Conroy responded that PCBs are causing major carcinogenic risk and cadmium and mercury are largest non-carcinogenic hazards.

Ken Plaisted asked Nancy Beardsley if the state viewed the issue of seafood consumption as an emergency situation.

Nancy responded that was not the case but a health advisory was likely to happen after careful review of the information to determine it's scope. The issue is being worked as quickly as it possible. More will be known after the meeting on December 19th with the Bureau of Health and she will keep the Navy informed.

Jim Tayon asked Nancy Beardsley if New Hampshire was involved in the health advisory consideration.

Nancy said that yes New Hampshire was involved in the input of the evaluation but had indicated that they would let Maine take the lead on issuing any health advisories.

Ernie Waterman commented that a seafood consumption health advisory may build on existing health advisories for lobster tamale, etc. Also this may not be that different from existing advisories, which should be considered in attempting to gauge public response.

Louise House commented that ATSDR can provide assistance in public health education, education for health professionals, occupational health advisories and fact sheets on particular chemicals.

## FUTURE ACTIONS

- NOTIFICATION LETTERS TO SELECTEES AND NON-SELECTEES
  - DRAFTED BY SHIPYARD/REVIEWED BY SELECTION COMMITTEE
  
- CALL FIRST RAB MEETING
  - ORIENTATION FOR NEW MEMBERS
    - SITE VISIT & BRIEFINGS
  - DEVELOPMENT OF CHARTER
    - PURPOSE
    - RULES OF MEMBERSHIP
    - LOGISTICS
  - DESIGNATION/ELECTION OF CO-CHAIRS
  - CONTINUE DISCUSSION OF IR PROCESS
  - DETERMINE FUTURE AGENDAS

## STATUS-RAB DEVELOPMENT

- 8/9/94 TRC meeting community members agreed to be selection committee for additional community members.
- 8/24/94 RAB training Boston: PHIL MCCARTHY, KEN PLAISTED, NANCY BEARDSLEY, JIM TAYON, JIM CONROY, ERNIE WATERMAN, MARY ANNE MASCIANICA
- 8/29/94 RAB press release to local media and mailing to IR mailing list
- 9/17/94 RAB advertisement in Shipyard Periscope  
9/24/94 and local newspapers
- 9/26/94 Response deadline for new member applications
- 10/4/94 RAB community member selection committee meeting: PHIL MCCARTHY, JEFF CLIFFORD, MAYOR FOLEY
- Five new community members nominated
- 11/14/94 Shipyard Commander Reviews Nominations and is satisfied with diversity.
- 12/ /94 Ltr requesting EPA and State DEP review sent

**PORTSMOUTH NAVAL SHIPYARD**  
**TECHNICAL REVIEW COMMITTEE**

**DECEMBER 7, 1994**

- RFI DATA GAP REPORT
  - PRELIMINARY FINDINGS, ROUGH DRAFT
    - LOCALIZED GROUNDWATER FLOW SYSTEM
    - NO RELEASES FROM MB I
    - SWMU #11 GROUNDWATER AND SOIL CONTAMINATION CHARACTERIZED, INFORMATION USED FOR PERMITTING OF NEW HWSF
    - DRAFT - DEC 22
- CMS REPORT
  - ROUGH DRAFT IN NAVY REVIEW
  - DRAFT WILL INCORPORATE DATA SYNTHESIS OF EXISTING INFORMATION
  - DRAFT DUE FEB 22
- AIR REPORT
  - ROUGH DRAFT IN NAVY REVIEW
  - DRAFT APPROXIMATELY TWO WEEKS AFTER NAVY REVIEW
- RECENT CONTRACTING ACTIONS
  - PROPOSED PLANS AND RODS FOR ON-SHORE
  - OFF-SHORE FEASIBILITY STUDY
- MONITORING
  - GROUNDWATER MONITORING
  - OFF-SHORE MONITORING

**PORTSMOUTH NAVAL SHIPYARD**  
**TECHNICAL REVIEW COMMITTEE**

**DECEMBER 7, 1994**

- **SEAFOOD INGESTION RISK ASSESSMENT**
  - OCT 13 - MET WITH MAINE DEP/BUREAU OF HEALTH AND EPA
  - DEFINED MEAL SIZE FOR LOBSTER, MUSSEL AND FISH
  - NAVY CALCULATED RISK FOR THESE MEAL SIZES
  - NOV 18 - REVISED RISK ASSESSMENT SENT TO MEDEP AND EPA
  
- **RESULTS OF OTHER STUDIES**
  - **NEW HAMPSHIRE DPHS (1989)**
    - PCBs AND PAHs IN LOBSTER AND MUSSEL TISSUE LOWER AROUND PNS THAN OTHER PARTS OF THE GREAT BAY
    - MERCURY LEVELS AROUND PNS APPROXIMATELY EQUAL TO THOSE IN OTHER PARTS OF THE GREAT BAY
    - LEAD IN LOBSTER AND MUSSEL TISSUE LOWER THAN LEVELS FOUND IN OTHER PARTS OF THE GREAT BAY
    - HIGHEST MUSSEL CADMIUM FOUND AT LAMPREY RIVER, HIGHEST LOBSTER TOMALLEY CADMIUM FOUND IN LOWER PISCATAQUA
  
  - **NOAA (1989)**
    - PCB AND PAH CONCENTRATIONS IN MUSSELS AROUND PNS WERE LOWER THAN FOUND AT MAINE REGIONAL SAMPLE
    - PESTICIDE CONCENTRATIONS IN MUSSELS AROUND PNS WERE LOWER THAN FOUND IN REGIONAL MAINE SAMPLES
    - MERCURY CONCENTRATIONS IN MUSSELS AROUND PNS WERE EQUAL TO THOSE FOUND IN REGIONAL MAINE SAMPLES

TECHNICAL REVIEW COMMITTEE/RESTORATION ADVISORY BOARD MEETING  
7 DECEMBER 1994  
PORTSMOUTH NAVAL SHIPYARD  
MUSEUM & VISITORS' CENTER

Name	Affiliation	Address	City, State Zip	Phone/Fax
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