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DEPARTMENT OF THE NAVY
NAVAL SUBMARINE BASE NEW LONDON
GROTON, CONNECTICUT 06349-5000

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13 JUL 2000

From: Commanding Officer, Naval Submarine Base New London
To: Distribution

Subj: RESTORATION ADVISORY BOARD (RAB) MEETING MINUTES

Encl: (1) Minutes from May 3, 2000 RAB Meeting

1. Minutes from the May 3, 2000 RAB Meeting are attached for review.
2. Please contact Mr. Richard Conant at (860) 694-5176 if you have any comments or questions regarding the meeting minutes.

A handwritten signature in black ink, appearing to read "Andrew J. Stackpole".

ANDREW J. STACKPOLE
Environmental Director
By direction of the
Commanding Officer

Enclosures

Subj: RESTORATION ADVISORY BOARD (RAB) MEETING MINUTES

Distribution:

Foster Wheeler (Larry Kahrs)
SUBASENLON (Commanding Officer)
NORTHNAVFACENGCOM (Mark Evans)
CTDEP (Mark Lewis)
CINCLANTFLT (Chuck McGuire)
USEPA (Kymberlee Keckler)
CNRNE (LCDR Ross)
CNRNE (Robert Jones)
New London Health Dept. (Brain Savageau)
Ledgelight Health District (Felix Prokop III)
Uncas Health District (Arthur Cohen)
Town of Waterford (Thomas Wagner)
ATSDR (Carole Hossam)
Town of Groton (Deborah James)
City of New London (Pamela Kilbey-Fox)
CT Dept. of Agriculture (Jim Citak)
SUBASENLON Env. Health Center (Andrea Lunsford)
SUBASENLON PUBLIC AFFAIRS (Chief Polson)
NOAA (Kenneth Finkelstein, Ph.D.)
Groton City Conservation Commission (L.J. Chmura, Chairman)
Groton City Conservation Commission (Dave Paskausky)
Tetra Tech NUS, Inc. (Matthew Bartman)
USEPA (Stacy Greendlinger)
Mr. _____
Mr. _____
Mr. _____
Mr. _____
Mrs. _____
Mr. _____
Ms. _____
Mr. _____
Mr. _____

MINUTES OF RESTORATION ADVISORY BOARD (RAB) MEETING

To: NSB-NLON RAB Meeting Attendees and RAB Members
(See attached Distribution List)

Subject: RAB Meeting Minutes - 3 May 2000
Installation Restoration Program
Naval Submarine Base - New London (NSB-NLON)
Groton, Connecticut

Attendees of the Meeting

Richard Conant	NSB-NLON
JoAnn Massad	NSB-NLON
Mark Evans	Navy
Greta Deirocini	Navy
Kymberlee Keckler	EPA
Stacy Greendlinger	EPA
Mark Lewis	CTDEP
Melissa Toni	CTDEP
Kevin White	Foster Wheeler
Tom Fowler	Foster Wheeler
Felix Prokop	Ledgelight Health District
	RAB Member
	RAB Co-Chair Member
	RAB Member
	RAB Member

The meeting agenda and attendance sheet are included in Attachment 1.

Welcome and Introduction

The site visit began at 12:00 p.m. Prior meeting minutes were approved.

Site Visit

Kevin White, Foster Wheeler, led a site tour of the Area A Downstream site. The following is a summary of the site visit and questions pertaining to the tour.

Upper Pond - All water is being diverted from Upper Pond into streams 4, 3 and 5 and then off-site to the Thames River. They have stopped excavation and are restoring now.

Lower Pond - Stopped excavation and is partially backfilled.

Did video inspection and jet washed the storm sewer pipes. Sediment will be disposed of off-site.

The storm sewer pipeline from stream 2 is compromised. It has holes throughout. Foster Wheeler will replace the pipeline. The pipe goes into stream 2 into a catch basin.

OBDA - The dark area on the map is the last phase and hasn't been excavated yet. It will be more difficult to excavate since it's deeper and wetter. It will be a slow effort. They do not intend to compromise the dam.

Questions

- Kimberlee Keckler asked if they considered any stabilization technologies for the dam.

Kevin White stated that in order to stabilize the dam, piles would have to be driven into the ground. A pile driving crane would have to be brought in and soil would have to be placed to stabilize the crane. This would be very expensive.

Upper Pond - The clay and top layer have been replaced. Upper and Lower Pond are being restored and seeded.

OBDA - Foster Wheeler will start excavation in two weeks. Depending on sampling, they plan to restore at the beginning of June. They will begin planting on the site in the spring of 2001.

Stream 5 - Will be covering with soil and seeding.

Weir Tank - Brought in weir tank because they were having some problems with discharge. Chemically treated two batches successfully. CTDEP required Foster Wheeler to monitor the concentration of chemical that is leaving.

Stream 4 - Connected diversion pipeline. This area has been seeded, fertilized and rolled. They created an earthen berm to keep the water out of the Upper Pond. Will now grade off and eliminate the berm and the pipeline will be opened slowly.

Questions

- Kimberlee Keckler asked if the earthen berm was contaminated.

Kevin White stated that the berm is not contaminated.

- Felix asked if they are taking out monitoring wells in the area.

Kevin White stated that if the well is in a contaminated area, it's coming out.

Lower Pond - Prior to excavation of Lower Pond, Tim Richardson from Foster Wheeler walked the pond and found tadpole eggs and started a breeding pool for them. He feeds them everyday and will release them back in the pond upon completion of the work.

Stream 2 - Will be finished this week and will be filled with water next week.

Stream 3 - They started to lay topsoil and will seed.

Questions

- Noah Levine asked what kind of efforts are going to be done to control the phragmites.

Dick Conant stated that a lot of the problems should go away once they are dug up. They are going to monitor early. If problems still arise they will flood the area or use an EPA approved herbicide control.

- Melissa Toni asked for how many years will they monitor the phragmites.

Dick Conant stated 3-5 years.

Conclusion

Site visit concluded at 1:30 p.m.

The next RAB meeting will be held on **9 August 2000** at **6:30 p.m.**

**NAVAL SUBMARINE BASE NEW LONDON
RESTORATION ADVISORY BOARD
MEETING**

*******12:00 PM May 3, 2000*******

Area A Downstream Remediation Site
Naval Submarine Base New London
RT. 12 and Crystal Lake Road, Groton, CT

AGENDA

1. **Review of minutes from the 2 February 2000 RAB meeting** 5 Minutes
Andrew Stackpole
2. **Tour of Area A Downstream Remediation Site** 60 Minutes
Foster Wheeler, Mark Evans and Dick Conant

All RAB members and participants from the public are to meet at 11:45 AM at the Pass and ID building adjacent to the Subase Main Gate on Crystal Lake Road. Transportation to the site will leave promptly at 12:00 PM. All participants should wear appropriate clothes and footwear for a short hike along unimproved trails in the Area A Downstream site. Following the tour, the RAB will meet briefly at the North Lake Pavilion to conduct administrative business. In case of inclement weather, the RAB meeting will be held in the Environmental Department training room in Building 166.

3. **Set Future Meeting Date/Adjourn** 5 Minutes
Andrew Stackpole



DEPARTMENT OF THE NAVY
NAVAL SUBMARINE BASE NEW LONDON
GROTON, CONNECTICUT 06349-5000

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APR 03 2000

From: Commanding Officer, Naval Submarine Base New London
To: Distribution

Subj: RESTORATION ADVISORY BOARD (RAB) MEETING

Encl: (1) Proposed Agenda

1. The next RAB meeting has been scheduled for May 3, 2000 at 12:00 PM at Naval Submarine Base New London (SUBASENLON), Route 12 and Crystal Lake Road, Groton, CT. This meeting will provide a tour of the Area A Downstream site at SUBASENLON. Details and directions are provided in enclosure (1)
2. The local press and public are invited to attend this meeting. Questions from the public are welcome during this meeting.
3. Enclosure (1) is the meeting agenda. Please contact Ms. Darlene Ward at (860) 694-4256, if you have any questions.

A handwritten signature in black ink, appearing to read "Andrew J. Stackpole".

ANDREW J. STACKPOLE
Environmental Director
By direction of the
Commanding Officer

Enclosure

Sign In Sheet

- RAB Member

DICK CONANT

SUBASE

MARK EVANS

NAVY

GRETA DEIROCINI

NAVY

RAB member

RAB member

RAB

Melissa Tani

CTDEP

(860) 424-4189

Mark Lewis

CTDEP

(860) 424-3768

Felix Prokop

LEDC & LIGHT
HOSPITAL D.S.

1-860-448-4882

Kimberlee Jekler

USEPA

617-918-1385

Stacy Greendlinger

US EPA

617-918-1403

KEVIN J. WHITE

FOSTER WHEELER

860-449-1389

Tom Fowler

FW

(860) 449-1389

JoAnn Massad

SUBASE ENV.

(860) 694-5164