



DEPARTMENT OF THE NAVY

ENGINEERING FIELD ACTIVITY, NORTHEAST
NAVAL FACILITIES ENGINEERING COMMAND
10 INDUSTRIAL HIGHWAY
MAIL STOP, #82
LESTER, PA 19113-2090

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2 MAY 2003

MEMORANDUM

FOR THE MEMBERS OF THE RESTORATION ADVISORY BOARD (RAB) FOR THE INSTALLATION RESTORATION PROGRAM AT NAVAL WEAPONS INDUSTRIAL RESERVE PLANT (NWIRP) CALVERTON, NEW YORK

The Navy would like to announce that a Restoration Advisory Board (RAB) meeting has been scheduled for **Thursday, May 15, 2003**. This meeting is open to the general public and will be held at the Riverhead Masonic Lodge located at 1246 Roanoke Avenue in Riverhead, NY. The meeting will begin at 7:00 p.m.

Also enclosed are the minutes from Restoration Advisory Board meetings held on June 26, 2002 and January 9, 2003. The RAB minutes were paraphrased from the meeting's official transcripts. A copy of both the meeting minutes and the official transcripts will be available for review at the Navy's Information Repository located at the Riverhead Free Library. In addition, the RAB's community co-chair will also be provided with a copy of the transcripts for both meetings.

The main focus of this meeting will be to discuss the status of the Navy's restoration efforts associated with Installation Restoration Site 1 - Northeast Pond Disposal Area and Site 7 - Fuel Depot Area. In addition, the RAB's Technical Assistance for Public Participation (TAPP) contractor, SCA Associates, will be giving a presentation on their review of the Navy's RI Report for Sites 6A, 10B and the Southern Area. Finally, the Navy will discuss future strategies for addressing the remaining IR Sites at NWIRP Calverton and the impacts that current funding constraints may have on Calverton's IR Program.

Additionally, RAB membership and the election of a new RAB Community Co-Chairperson will also be discussed.

If you need additional information, please call either Judy Lamey of Tetra Tech NUS, Inc. at (412) 921-8817 or myself at (610) 595-0567, ext 163.

Sincerely,

JAMES L. COLTER
Remedial Project Manager
By direction of the
Commanding Officer

Enclosures: (1) Minutes from 06/26/02 RAB Meeting
(2) Minutes from 01/09/03 RAB Meeting

Distribution:

NAVAIR, Joe Kaminski
NYSDEC (Albany), Larry Rosenmann
NYSDEC (Stony Brook), Stan Farkas
NYSDOH, Wendy Kuehner
SCDHS, Sy Robbins
USEPA Region II, Carol Stein
USEPA Region II, Carla Struble
Town of Riverhead, Andrea Lohneiss
J.A. Jones, Al Taormina
Community RAB Member, Sidney Bail
Community RAB Member, Lorraine Collins
Community RAB Member, Louis Cork
Community RAB Member, Bill Gunther
Community RAB Member, Jean Mannhaupt
Community RAB Member, Randolph Manning
Community RAB Member, Ann Miloski
Community RAB Member, John Pedneault
Community RAB Member, Vincent Racaniello
Community RAB Member, Warren Voegelin

Agenda

**Restoration Advisory Board
Naval Weapons Industrial Reserve Plant Calverton**

**May 15, 2003
Riverhead Masonic Lodge, Riverhead, NY
7:00 p.m.**

Welcome and Agenda Review

Joe Kaminski
Naval Air Systems Command

Review and Approval of Minutes

All Members

Status of Activities

Site 1 – Northeast Pond Disposal Area

Jim Colter
Engineering Field Activity, Northeast

Status of Activities

Site 7 – Fuel Depot Area

Jim Colter
Engineering Field Activity, Northeast

**TAPP Review of Navy's RI Report on
Sites 6A, 10B, and the Southern Area**

Frank Anastasi
SCA Associates

Future Strategies for Addressing Remaining IR Sites

All Members

RAB Membership and Election of Community Co-Chair

All Members

Closing Remarks

Joe Kaminski
Naval Air Systems Command

Presenters will be available after the program for questions.

**RESTORATION ADVISORY BOARD (RAB) MEETING
NAVAL WEAPONS INDUSTRIAL RESERVE PLANT CALVERTON
RIVERHEAD MASONIC LODGE, RIVERHEAD, NEW YORK
June 26, 2002**

The eleventh meeting of the RAB began at 7:00 pm. RAB members attending were: Judith Hare, Joe Kaminski, and Jim Colter from the Navy; Stan Farkas and Henry Wilkie representing the New York State Department of Environmental Conservation (NYSDEC); Al Taormina representing J.A. Jones; Sy Robbins representing the Suffolk County Department of Health Services; Sid Bail representing Wading River Civic Association; local community members Warren Voegelin, Vincent Racionello, and Harry Histard. Members absent included: New York State Department of Health (NYSDOH); U.S. Environmental Protection Agency; Andrea Lohneiss representing the Town of Riverhead; Bill Gunther; Sherry Johnson; Bob Pohlman; Louis Cork; Randolph Manning; Jean Mannhaupt; Ann Miloski; John Pedneault; and Lorrain Collins.

WELCOME AND AGENDA REVIEW

Ms. Judith Hare welcomed everyone to the eleventh meeting of the RAB. The meeting minutes from the previous meeting were approved and the meeting was turned over to Mr. Jim Colter.

PROPOSED REMEDIAL ACTIONS: SITE 1-NORTHEAST POND DISPOSAL AREA

Mr. Colter stated that a public meeting concerning Site 1-Northeast Pond Disposal Area was held on February 27, 2002 at Riverhead Town Hall. The transcripts from that meeting are available in the Riverhead library and copies were given the Sherry Johnson. Comments received by the Navy were addressed in a Responsiveness Summary. This document reviews the comments received and presents the Navy's responses to those comments. The Navy then issued a draft Record of Decision (ROD) to the New York State Department of Environmental Conservation (NYSDEC) for review. Comments given by the NYSDEC are then incorporated and a draft final was then issued to the NYSDEC for concurrence.

Mr. Colter stated that the Navy is also working on a work plan to excavate the landfill. Foster Wheeler developed a draft work plan, comments from the DEC were then incorporated and a draft final version of the work plan was issued awaiting concurrence.

Mr. Colter stated that the Navy has given permission to Foster Wheeler to begin some preliminary work. A gate was installed in the fence along Route 25 to allow for heavy equipment and truck access. A driveway will also need to be installed.

PROPOSED REMEDIAL ACTIONS: SITE 7-FUEL DEPOT AREA

Mr. Colter stated that a public meeting concerning Site 7-Fuel Depot Area was held in mid April at Riverhead Town Hall. The transcripts from that meeting are available in the Riverhead library and copies were given to Sherry Johnson. Since few comments were submitted from the community on Site 7, the Navy will wait until they get approval on the Site 1 ROD from the NYSDEC and then make similar changes to the Site 7 ROD.

Mr. Colter stated that Foster Wheeler is preparing a work plan for the design and installation of an air sparge system.

DISCUSSION OF NEW RAB MEMBERS

Ms. Hare stated that if any of the members knows of any individual interesting in participating in the RAB, to please forward the name of that individual to Sherry Johnson.

TAPP GRANT

Mr. Colter stated that Jean Mannhaupt had put together and submitted an application for a third party to review a Navy document concerning the Southern Area and Site 6A. The proposed third party is a company called SCA Associates. It was determined that this project was an eligible project for the TAPP Grant.

ADMINISTRATIVE RECORD

Mr. Colter explained that the Administrative Record shows the flow of decision making. The Administrative Record contains all Navy reports in addition to any correspondence such as letters and/or comments between the Navy and associated parties such as the RAB and regulatory agencies. It is a compilation of all the documentation that was involved in the decision making process. Previously, the Administrative Record was in hard copy format however, the Navy is in the process of converting all of this to an electronic format on CD-ROM and the Internet. Tetra Tech has developed a secure, password protected web page that will allow members access the Administrative Record through the Internet.

AGRICULTURAL OUTLEASE

Mr. Colter stated that the NYSDEC had submitted comments on the Navy's work plan to excavate pesticide contamination in the soil. The NYSDEC agreed with the Navy's approach however, recommended additional delineation sampling and groundwater wells. The Navy had followed through with the recommendation and completed the excavation, performed additional soil sampling, and installed the additional well. Based on the analytical data, the site was closed. A Construction Completion Report will be submitted to the NYSDEC and RAB for review along with the Navy's recommendation that the site is suitable for transfer:

Ms. Hare adjourned the meeting at approximately 8:06 p.m.

**RESTORATION ADVISORY BOARD (RAB) MEETING
NAVAL WEAPONS INDUSTRIAL RESERVE PLANT CALVERTON
SOUTH GATEHOUSE AT FORMER NWIRP CALVERTON PROPERTY
RIVERHEAD, NEW YORK
January 9, 2003**

The twelfth meeting of the RAB began at 7:00 pm. RAB members attending were: Judith Hare, Joe Kaminski, and Jim Colter representing the Navy; Sy Robbins representing Suffolk County Department of Health Services (SCDHS); Sidney Bail representing the Wading River Civic Association; Andrea Lohneiss representing the Town of Riverhead; Al Taormina representing J.A. Jones, Inc.; community members Bill Gunther, Louis Cork, Warren Voegelin, and Vincent Racionello. Members absent included: representatives from the New York State Department of Environmental Conservation (NYSDEC); representatives from the New York State Department of Health (NYSDOH); representatives from the U.S. Environmental Protection Agency, Region II; Community members Sherry Johnson, Reverend Bob Pohlman, Randolph Manning, Jean Mannhaupt, Ann Miloski, John Pedneault, and Lorraine Collins.

There were also several attendees from the general public.

WELCOME AND AGENDA REVIEW

Ms. Judith Hare, the Navy Co-chair, welcomed everyone to the twelfth meeting of the RAB. Ms. Hare announced that she would be resigning as Co-Chair of the Restoration Advisory Board as of February 3, 2003 because she would be retiring from the Navy. Ms. Hare read her resignation letter and announced that Mr. Joe Kaminski would be taking her place as the Navy Co-chair effective February 4, 2003.

Ms. Hare stated that Mr. Jim Colter had received a letter from Community Co-chair Sherry Johnson. The letter was to notify the Navy and the RAB that she had decided to resign as Community Co-chair. Ms. Johnson thanked the Navy for the opportunity to serve on the RAB over the past several years. Ms. Hare stated that a new Co-chair would have to be chosen and would let the RAB discuss this over the next few months until the next RAB meeting.

Ms. Hare turned the meeting over to Mr. Jim Colter.

STATUS OF ACTIVITIES

Mr. Colter stated that since the previous summer, excavation and off site disposal of the landfill at Site 1-Northeast Pond Disposal Area has begun. Marlene Lindhardt from Foster Wheeler will present an update on the status of activities at Site 1.

Mr. Colter stated that concurrent with activities at Site 1, the Navy is planning to construct an air sparge/soil vapor extraction system at Site 7- Fuel Depot Area. The Navy signed the Record of Decision finalizing the process and in the meantime, the Navy had begun to pursue some preliminary activities. Marlene Lindhardt will give an update and schedule for activities at Site 7.

Mr. Colter stated that the RAB's TAPP contractor Frank Anastasi from SEA Associates is present and will provide a status update of his review of the Navy's Final RI Report for Site 6A-Fuel Calibration Area, 10B-Engine Test House, and the Southern Area.

Mr. Colter turned the meeting over to Marlene Lindhardt from Foster Wheeler.

SITE 1-NORTHEAST POND DISPOSAL AREA

Ms. Marlene Lindhardt stated that Foster Wheeler received the initial assignment for the Site 1 landfill excavation in August 2001. Foster Wheeler developed several work plans which had to take into account the cultural resources and endangered species present at the site. Some initial field work was performed in March through May 2002 in preparation for mobilization. Excavation began in July 2002.

Ms. Lindhardt provided a brief description of the site. The landfill at Site 1 is approximately 400 feet by 200 feet and is adjacent to the Northeast Pond and surrounded by forest. The landfill was used primarily to dispose of construction debris.

Ms. Lindhardt stated that Foster Wheeler before excavation could begin, various steps and processes in planning were performed. Initial site surveys were conducted for the

wetlands, endangered species (the Tiger Salamander), and archaeological resources. Soil, erosion, and sediment control measures were put in place to make certain that as excavation progressed, soil from the landfill did not erode onto excavated areas. A staging area was constructed in an area relatively free of trees to minimize clearing. Access roads were upgraded and a temporary entrance from Route 25 was installed.

The endangered species survey for the Tiger Salamander occurred in March 2002. The survey occurred over a three day period including one night. This timeframe was chosen because this is the mating season for the salamander. If any Tiger Salamanders were present, this is the timeframe that they were expected to be found. Approximately 40 salamanders were discovered, however, these were Spotted Salamanders which are very similar to the Tiger Salamander in appearance, but are not a New York State Endangered Species.

As part of the archaeological survey, Foster Wheeler, cleared the areas identified as sites of potential archaeological significance. These areas had been previously identified by another contractor. These areas were then examined by archaeologists to determine if items of significance were present. In the event that significant archaeological items were found, Foster Wheeler would be required to work around or construct something over these areas. Very little was found in this area. Another area of significance is the Locus 7 Area. As excavation was occurring there, artifacts were discovered, so the archaeologists were sent to this area to investigate further. The archaeologist performed a more thorough investigation by digging pits about 3 feet by 3 feet wide. What they discovered is that this area contained a significant amount of artifacts some dating back 3,000-5,000 years. Foster Wheeler excavated without disturbing this area.

Ms. Lindhardt stated the initial step was to excavate sediment from the wetlands area. Approximately 1,315 cubic yards of sediment was excavated and the slope was graded and revegetated. The original scope of work for the landfill was to excavate 21,000 cubic yards of fill after the sediments had been excavated. To date, 28,000 cubic yards have been excavated. Over 46,000 tons have been sent off site to the Pennsylvania Avenue landfill in Brooklyn for disposal and there is an estimated 10,000-20,000 tons remaining to be excavated. Most of the waste removed was primarily soil mixed with

pieces of asphalt, concrete, and some metal parts. The concrete is taken to a concrete recycler and the metal pieces to a metal recycler.

Ms. Lindhardt stated that there were three monitoring wells present at the site. Two of them were capable of being removed whereas the third was a deep well and had to be closed in place.

Soil samples were collected from the excavated soil to determine whether the waste is hazardous. All excavated soils to this point have been non-hazardous. Soil samples were also collected from the excavated area to determine if remediation goals have been met.

SITE 7-FUEL DEPOT AREA

Ms. Lindhardt stated that the plan to construct the air sparge/soil vapor extraction system is divided into three phases. Phase I is the pre-design investigation which includes sampling to provide a basis for the design of the pilot test. Once the data is collected and a pilot scale system has been constructed and run for three months, a work plan will be sent to the Navy. Currently, Foster Wheeler is in the beginning of Phase I for Site 7. Phase II is the work plan and design for the air sparge/soil vapor extraction system. Phase III is the actual construction and operation of the full scale system.

Mr. Colter stated that the system is estimated to run approximately four years until remediation goals are met.

Ms. Lindhardt stated that the initial Phase I Work Plan went out in August 2002. Mobilization to the field occurred in late October 2002 and soil borings and monitoring wells were installed and completed. Field test operations will begin in February. Once the scale of the system is determined, a building will be constructed to house the system. The Pilot Study Work Plan is scheduled to be delivered to the Navy in April. The pilot study system installation will begin in July and will operate for a three month time period. The data collected from this system will then be used in the design of the full scale air sparge/soil vapor extraction system.

TAPP CONTRACTOR

Mr. Colter introduced Mr. Frank Anastasi from SEA Associates to provide an update on his review of the Navy's Final RI Report for Site 6A-Fuel Calibration Area, 10B-Engine Test House, and the Southern Area. Mr. Anastasi explained that the purpose of the TAPP project is to assist the community in understanding the Navy's actions and to give the community more confidence in that what the Navy is doing is adequate. In addition, it helps the Navy to better understand the community's perspective.

Mr. Anastasi introduced himself to the RAB. He is a hydrogeologist and has been in the groundwater, environmental, remediation business since 1980. He has worked for both private and government consultants. As of 1997, he has started his own business.

Mr. Anastasi stated that he had visited the sites in early October. He reviewed all of the data and didn't find any issues with the methods, evaluation techniques, and analysis performed by the Navy and its contractors. The quality of the data appears good.

Mr. Anastasi stated that he did have some questions for the Navy and their contractors that he would like to discuss. In addition, he stated that he wanted to get some input from the RAB on what their concerns are so that he can better focus his review. Ultimately, Mr. Anastasi will prepare a draft report of his review, submit it to the Navy and the RAB, and attend another RAB meeting to discuss it.

Ms. Hare adjourned the meeting at approximately 8:11 pm.