

09.04-01/12/95-00227

Naval Air Station Oceana
RAB Meeting Minutes
Thursday, January 12, 1995

- * The meeting was held at the Radisson Hotel and called to order at 7:00PM. A list of those in attendance is attached.
- * Captain Santapaolo welcomed all present. He expressed enthusiasm at the formation of the RAB and the opportunity it provided for NAS Oceana to share its progress in remediating sites contaminated by past practices. He also hoped that the RAB meetings would provide a forum for local residents to express ideas and concerns regarding the investigative studies and cleanup proposals. Captain Santapaola emphasized that NAS Oceana environmental programs, like those of most industries, had increased tremendously since the station's beginning in the 1940's. Today, NAS Oceana has a full staff of environmental professionals dedicated to insuring harmony between operations and the environment.
- * Will Bullard of NAS Oceana gave a brief history of the Installation Restoration Program (IR) at NAS Oceana and discussed the evening meeting agenda and format. In summary, the IR program began in 1984 with an Initial Assessment Study (IAS). The IAS process consisted of a records search and personnel interviews to identify all sites where past practices could have impacted the environment. Six sites were recommended for investigation in the IAS.
- * Mr. Bullard noted that copies of study reports and newsletters documenting the investigations conducted since 1984 were on a table in the back of the room. He then explained that in 1988 a RCRA Facility Assessment (RFA) was conducted at NAS Oceana. The resulting report recommended investigations at 60 sites (included the six IAS sites). NAS Oceana provided documentation that many of the sites did not warrant investigation or were being addressed under other regulatory programs. A Consent Order was issued in 1991 requiring that investigations be conducted under RCRA Corrective Action versus CERCLA and only at those sites that merited it. With the approval of the RCRA Facility Investigation (RFI) workplan, EPA and NAS Oceana agreed that 17 sites required investigations.
- * Based on the results of recent investigations, the sites were separated into four categories. Five sites were not recommended for further action, five sites were recommended for excavation of petroleum contaminated soils, four sites were recommended for a Phase II RFI, and three sites were recommended for advancement to Corrective Measures Study.
- * Mr. Bullard explained that discussion at the RAB meetings should be limited to the NAS Oceana IR Program because this was the purpose of the meetings. Public questions or comments concerning other NAS Oceana operations should be written down and handed to Mr. Bullard after the meeting so they could be forwarded to the appropriate NAS Oceana personnel for response. The topics for tonight's meeting was on the agenda. To facilitate conduct of the meeting, questions from the audience would be heard only at specific times. These would be announced and would usually follow presentations and Board discussion of specific topics.

OPTIONAL FORM 99 (7-90)

FAX TRANSMITTAL

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To	Jim Harris	From	Will Bullard
Dept./Agency	NAVY Code 1822	Phone #	
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- * In the first question period, a reporter from the Navy Times asked why the sites took so long to begin remediation. Jim Harris and Will Bullard explained the various funding, contracting and regulatory factors that had complicated the process. Especially noted were submittals to and review/approval from regulatory agencies required for every step of the investigative process, and coordinating funding and contracting with the approvals. Steve Brown also noted that a phased investigation approach saves the Navy and taxpayers money but takes longer.
- * At the beginning of his presentation, Steve Brown explained his long-term involvement in the investigations at Oceana. He noted the meeting displays, one showing a schematic of soil removal and treatment underway at the petroleum contaminated soil sites and the other showing a schematic of the groundwater extraction and treatment system proposed for Sites 2B and 2C. He explained that the soil treatment method destroys the petroleum contaminants and does not transfer them to the air.
- * Mr. Brown then reviewed the work at the five POL sites (11, 18, 19, 20, and 24) in terms of site history, dates of releases, types of contaminants, and the current soil excavations. General sampling points and areas of contamination and excavation were shown for each site. There was a brief discussion on the quantity of soil requiring excavation in response to a question from the audience.
- * During the question period following Mr. Brown's presentation, Ms. Rider, a resident of NAS Oceana Wherry Housing at the southeast edge of the base golf course, expressed concerns about odors and health problems at the housing unit. She questioned the quality of drinking water and air and also wondered if there was a source of radioactive waste nearby.
- * Ms. Rider then expressed concerns about the former Fifth Green Landfill which was identified in the IAS as a site used for waste disposal between 1954 and 1961. She questioned if the site location was confirmed and if contamination from the landfill could have impacted groundwater and air quality in the area, specifically at Wherry Housing.
- * Will Bullard and Steve Brown responded to Ms. Rider. It was noted that the IAS was a thorough review of past waste disposal sites. Field investigations, including soil, groundwater and surface water sampling were conducted in the area shown in the IAS. The data showed insignificant contamination and the site was removed from the program with the concurrence of State and Federal regulatory agencies. Ms. Rider stated that the site investigated was in the area of the 14th green of the current golf course versus the fifth green as stated in the IAS and wondered why the discrepancy. Mr. Bullard said he would investigate.
- * It was also noted that the direction of flow for both ground and surface water was away from Wherry Housing and toward the former landfill. This made it even more unlikely that the former landfill would impact Wherry Housing. Mr. Brown also stated that the landfill had been closed for over 30 years. Any environmental impact should have been detected by this time. Air quality samples had not been taken in the former landfill area, but an impact was extremely unlikely due to age, dirt cover, and no reported odors, etc.
- * Mr. Bullard stated that the IAS had not reported any sites containing radioactive wastes and that he did not know of any. However, the possibility would be further investigated.

* Mr. Stephen Romanow then discussed the Corrective Measures Study for Sites 1, 2B, and 2C. He explained that the contamination found at site 1 was associated primarily with disposal of petroleum products. There was some soil contamination and floating petroleum in two wells but insignificant concentrations of dissolved contaminants in the groundwater. The CMS included a risk assessment to determine if the site posed any threat to human health. Due to the limited site access, exposure based on an industrial setting was preferred for the assessment. Based on the minor risk determined, remediation proposed involved only a program of skimming floating fuel from the two wells.

* Mr. Romanow's discussion of sites 2B and 2C noted that the primary concern at these sites was the presence of dissolved chlorinated organic compounds in the groundwater. Although field investigations had been unsuccessful in pinpointing the source area (much of the area is now under thick flightline concrete surfaces), the area of groundwater contamination was well defined. Based on the risk assessment with industrial exposure scenarios (because of the restricted site access) groundwater cleanup was recommended. The contaminated groundwater was in the shallow aquifer and not used as a drinking water source, but a standard was violated so cleanup was required.

* The CMS proposed installation of pumping wells in the contaminated areas. The wells would be pumped at a rate that would restrict further spread of the contamination. The pumped groundwater would then be treated by a process known as air stripping. The contaminants in the groundwater were very volatile and would be discharged into the air. Since the concentration of the contaminants in the groundwater was very low, the total mass of pollutants discharged to the air would be small. Calculations had shown that the air emissions would probably not require a permit. However, the Navy had elected to pass the air stream through carbon treatment to remove any low concentrations of organic pollutants prior to final discharge to the atmosphere. Several members of the Board liked the idea of the carbon treatment and also suggested including a schedule for checking/testing the carbon as part of treatment plant operations.

* The next meeting was scheduled for Thursday, March 28, 1995 at 7:00 p.m. at the Radisson Hotel. The agenda would include a presentation on the results of the Phase II RFI, a discussion of the soil excavations at the petroleum sites, and a possibly a discussion of EPA comments on the CMS reports, if received by then.

NAS OCEANA RAB MEETING
JAN 12, 1995
ATTENDANCE LIST

FRED ADAMS	RAB MEMBER
WADE HELLMAN	RAB MEMBER
JAMES HERTZ	RAB MEMBER
ROBERT MACENKA	RAB MEMBER
KATHLEEN OPDYKE	RAB MEMBER
DOROTHY SMALL	RAB MEMBER
CHARLES TRAUB	RAB MEMBER
WALTER VARGO	RAB MEMBER
DEVLIN HARRIS	RAB MEMBER
JIM HARRIS	RAB MEMBER
TROY SNEAD	RAB MEMBER
BOB SPADACCINI	RAB CO-CHAIR
WILL BULLARD	RAB CO-CHAIR
CAPTAIN SANTAPAOLA	EXECUTIVE OFFICER, NAS OCEANA
CDR WILLIS	BASE CIVIL ENGINEER, NAS OCEANA
TERRY SWITZER	ENGINEERING DIRECTOR, NAS OCEANA
MS. RIDER	WHERRY HOUSING RESIDENT
BECKY GARRISON	NAVY TIMES
TOM HOLDEN	VIRGINIA PILOT
NEWS PHOTOGRAPHER	WTAR-TV

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AGENDA
NAS OCEANA RESTORATION ADVISORY BOARD
12 JANUARY 95

1. WELCOME BY CAPTAIN SANTAPAOLA, EXECUTIVE OFFICER, NAS OCEANA
2. NAS OCEANA INSTALLATION RESTORATION PROGRAM
3. MEETING FORMAT
 - AGENDA
 - QUESTIONS FROM AUDIENCE
 - DISPLAYS
4. PRESENTATIONS BY CH2MHILL
 - PETROLEUM, OIL AND LUBRICANT (POL) SITE EXCAVATIONS
 - CORRECTIVE MEASURES STUDIES FOR SITES 1, 2B, 2C
5. NEXT MEETING DATE, LOCATION AND AGENDA

Memorandum

DATE: 1/25/95

FROM: Will Bullard

TO: File

SUBJ: Newsletters

1) Volume I, Number I

- MAILED TO THOSE ON MAIL LIST APPROXIMATELY 1 1/2 WEEKS PRIOR TO ADVERTISED RIB MEETING. MAILING BY NASO PAO
- AT SAME TIME ~~DISTRIBUTED~~ ^{ROUTED} TO STATION COMMANDERS BY PAO
- DISTRIBUTED AT RIB MEETING ON 1/12/95

2) Vol. I, #2

- DISTRIBUTED AT RIB MEETING 1/12/95
- MAILED TO MAIL LIST RECIPIENTS BY PAO THE FOLLOWING WEEK
- ROUTED THROUGH STATION COMMANDERS BY MEMO FROM CODE 18

1/25/95

Appendix F
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(To Date)

Appendix F
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- ~~Ms. Nancy K. Parker~~
- ~~Mr. William D. Sessoms, Jr.~~
- ~~Mr. Albert W. Baiko~~
- ~~Mr. John A. Baum~~
- ~~Mr. Robert E. Fentress~~
- ~~Ms. Barbara M. Henley~~
- ~~Ms. Reba S. McClaman~~
- ~~Mr. John D. Moss~~
- ~~Mr. John L. Perry~~

- Vice Mayor

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- Linwood O. BRANCH III
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- BARBARA M. Henley
- LOWIS R. JONES
- John D. MOSS
- NANCY K. PARKER
- LOUISA M. STRAYHORN

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