

Freeman Christine D CNIN

From: RAB (Restoration Advisory Board) CNIN
Sent: Tuesday, November 19, 2002 1:56 PM
To: 'Teresa A. Ellis (E-mail)'; 'William H. Gates (E-mail)'; 'Peter Ramanauskas (E-mail)'; 'Doug Griffin (E-mail)'; Richardson Lorie J CNIN; Johnson Douglas G CNIN; Dejesus Pedro J CNIN; Hedges Joseph D CDR CNIN; Hill Gerald (Jerry) K CNIN; Hunsicker James M CNIN; Brent Thomas J CNIN; Andrews Steven J CNIN; Miller Brady J CNIN; Stoll John D II CNIN
Cc: George Cordilla S CNIN; 'Jeffery A. Myers (E-mail)'; 'Michael Toon (E-mail)'; 'Jeff Workman (E-mail)'; 'Anita Netherland (E-mail)'; Webster Rhonda S (Sue) CNIN; Isom Wanda CNIN; Payne Jane E CNIN; Mahoney Terry M CNIN; Robertson Brent L CNIN; 'James May (E-mail)'; 'Ralph Basinski (E-mail)'; Parsons Lance CONT CNIN; 'Peter Chevalier (E-mail)'
Subject: RAB 10/22/02 MINUTES & 04/22/03 ANNOUNCEMENT

This e-mail is being sent to distribute the last meeting minutes and announce the invitation to attend the next Naval Surface Warfare Center Crane Restoration Advisory Board (RAB) meeting. Attached are the minutes for the last RAB meeting and the announcement for the tentatively scheduled next RAB meeting (Please pencil in on your calendars; notify if a conflict arises). A hard copy of the letter and attachments will not be mailed.



22- 22 OCT 02
MEETING MIN & AP..

Please use RAB@crane.navy.mil for RAB messages.

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19 NOV 2002

MEMORANDUM

From: Installation Co-Chair
To: Restoration Advisory Board Members
Subj: **RESTORATION ADVISORY BOARD (RAB) MEETING**

Encl: (1) October 22, 2002 RAB Meeting Minutes

Crane Division, Naval Surface Warfare Center (NSWC Crane) conducted, on Center, a RAB meeting on October 22, 2002. Enclosure (1) is a copy of the minutes from that meeting.

The next NSWC Crane Community RAB meeting is tentatively scheduled for Tuesday, April 22, 2003. The meeting will take place on Center at the Crane Café (Building 121) Conference Room from 1100 to 1400 hours. A reminder and an agenda will be e-mailed or sent out approximately three weeks prior to the meeting. Your ideas and input for additional topics to, or presentations for, the agenda would be especially welcome. Currently, the proposed agenda for the next meeting includes:

- Presentations concerning Interim Measures Cleanup Projects
- Updates on all ongoing Installation Restoration Projects, including the Natural Attenuation Demonstration
- Discussion Concerning Fiscal Years 03 and 04 Project Funding

For questions, comments, or information, please telephone 812/854-4423 or e-mail at RAB@crane.navy.mil. The NSWC Crane RAB web site, <http://www.crane.navy.mil/General/RAB/default.htm>, can also be accessed for additional information.

James M. Hunsicker, Director,
Environmental Protection Department

Subj: **RESTORATION ADVISORY BOARD (RAB) MEETING**

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Restoration Advisory Board Meeting Minutes

Crane Division, Naval Surface Warfare Center (NSWC Crane) conducted a Restoration Advisory Board (RAB) Meeting, Tuesday, October 22, 2002. The meeting was held on Center at the Crane Café, Building 121 Conference Room. From 1200 to 1430 hours an informal meeting was called to order. Table (1) is a list of the RAB meeting attendees. Mr. James Hunsicker, NSWC Crane Environmental Protection Department (EPD) Director and RAB Navy Co-chair, opened the meeting and introduced CDR Jo Hedges, Public Works Officer, Director Public Works Directorate. CDR Hedges provided the welcome, including a brief discussion of probable headquarters reorganization that might affect NSWC Crane, and then invited those attending to eat lunch.

After lunch, Mr. Hunsicker introduced Mr. Thomas Brent of the NSWC Crane EPD. Mr. Brent gave a presentation concerning ongoing projects at NSWC Crane conducted by TetraTech, NUS (TtNUS). Presentations included the following Solid Waste Management Units (SWMUs): Mustard Gas Burial Ground (SWMU 1), Dye Burial Ground (SWMU 2), ABG/Old Jeep Trail (SWMU 3), McComish Gorge (SWMU 4), Old Burn Pit (SWMU 5), Old Rifle Range (SWMU 7), Pesticide Control/R-150 Tank Area (SWMU 9), Rockeye (SWMU 10), Mine Fill A (SWMU 12), Mine Fill B (SWMU 13), Cast High Explosives Fill/Incinerator Complex (SWMU 16), PCB Capacitor Burial/Pole Yard (SWMU 17), Pyrotechnic Test Area (SWMU 19), and Landfarm (SWMU 30). Fieldwork was completed at SWMU 1 with no material found. Main concern seems to be VOCs in ground water. An Internal Draft RFI/RA Report is in review by the Navy. The fieldwork and data validation is also complete for SWMUs 2 and 3. A draft RFI/RA Report for SWMU 2 was submitted on 10 JUL 02 & a draft RFI/RA Report for SWMU 3 is expected to be issued in NOV 02 to the U.S. EPA. The Draft Risk Assessment was submitted to the U.S. EPA in MAY 02 for SWMUs 4, 5, 9, & 10. SWMU 7 required additional analytical work, which has been completed and a draft RFI is to be submitted to the U.S. EPA in NOV 02. One QAPP for SWMUs 12, 13, 16, & 19 was reviewed by a U.S. EPA contractor and comments were received in JUN 02; response to comments and final version were submitted to U.S. EPA in AUG 02. Final sampling report for SWMU 17 identified and mapped soil quantities to be excavated and was approved by the U.S. EPA in OCT 02. An internal draft plan to conduct an Interim Measure (IM) removal of contaminated soils is in preparation by TolTest, Inc. Finally, a draft report for SWMU 30 was submitted to the U.S. EPA in early OCT 02.

Mr. Brent also gave a quick presentation concerning the IM activities that occurred at the Roads & Grounds area. Various types of metallic and wood debris were removed from the dump site portion of this site and disposed of at the NSWC Crane Solid Fill Site. Photos of the debris and removal process were shown during the presentation. The Interim Measures Report was submitted to the U.S. EPA in AUG 2002 and was approved on 11 OCT 02.

Furthermore, Mr. Brent discussed the analytical results of the soil sampling conducted at the potential new SWMU 34/00, Old Gun Tub Storage Lot. This potential SWMU is a large open gravel lot where various ship components were stored. Aerial photos show activity as early as 1952. Possible contaminants include metals, PCBs, SVOCs. Analytical results demonstrate that the area is most likely not contaminated and therefore not a SWMU. A final decision will be forthcoming.

Mr. William Gates, Remedial Project Manager, Southern Division Naval Facilities Engineering Command, gave a presentation on the Environmental Restoration, Navy Funding Program. Mr. Gates discussed the funding process, currently funded projects, projects funded for Fiscal Year (FY) 2003, and the development process for the FY04 project list. Projects awarded for FY02 are Corrective Measures Studies (CMS) for SWMUs 5, 7, 9, and 10, ABG ground water monitoring, Rockeye Bioremediation administrative support, and the PCB/pole yard soil remediation. Planned projects for FY03 include CMS for SWMUs 1 and 3, ABG ground water monitoring, Remedial design for

SWMUs 3, 5, 7, 9, and 10, and RFI fieldwork and report for SWMUs 13 and 16. Also, SWMU 3 was accepted as a demonstration site for treatability study for the permanent stabilization of contaminated soil. The objective is to refine emulsion designs, evaluate application methods, and conduct post-application monitoring. A small quantity of soil from the site will be used for bench scale testing. If successful, then pilot scale remediation would be implemented. Currently, the contractor is evaluating site contaminants and conditions. There will be no additional cost incurred by the Navy or other scheduled projects impacted because the funding comes from another source. In January, the Navy, IDEM, & EPA will develop a list for FY04 projects. In early March the FY04 list will be submitted to Southern Division. The following is a listing of the next phase for each active project and potential new projects; from this list the FY04 projected projects list will be generated:

Next Phase:

SWMU 1 MGBG – RD,
SWMU 2 DBG – RD,
SWMU 3 ABG – Ground Water Monitoring,
SWMU 9 PCA – Corrective Measures Implementation (CMI),
SWMU 10 RKI – CMI,
SWMU 13 MFB – CMS,
SWMU 16 B146 – CMS,
SWMU 17 PCB-PY – RFI, and
SWMU 30 LF – CMS.

New Projects:

SWMU 8 B106P – RFI, and
SWMU 15 R&GA – RFI.

Ms. Christine Freeman, NSWC Crane EPD, gave an update for the Full Scale Explosives Contaminated Soil Composting Operations. All the excavation, treatment, and backfill of the explosives contaminated soils has been completed at Mine Fill A, Mine Fill B, and Rockeye. Approximately 44,450 tons of explosives contaminated soils have successfully been treated in 215 windrows at the facility. Eleven industrial standard windrows were resampled, with EPA approval, and were determined to meet residential standards. All together, there were 168 residential windrows and 47 industrial windrows. The Mine Fill A Draft Interim Measures Report (IMR) was submitted to EPA 25 FEB 02. Comments were received 22 MAY 02 and response to comments and the Final Report were submitted to U.S. EPA 01 AUG 02. The Mine Fill B Internal Draft IMR was submitted to Navy 08 JUL 02, and the Draft Report was submitted to U.S. EPA 1 AUG 02. The Rockeye IMR was submitted to EPA 3 APR 02 and approved 09 JUL 02. The EPA approved decontamination efforts for explosives and metals in the buildings, sumps, trailers, ponds, under pond liner, and ditch samples. State regulatory issues concerning the levels of CBOD in the ponds have also been resolved and the pond valves were opened on 30 SEP 02. TolTest and the Navy have reconciled the equipment inventory and turnover is complete.

Ms. Freeman also gave an overview on the IM at the Mine Fill A (MFA) Battery Dump Site. A total of 236 tons of special waste were removed and disposed of at an off-site landfill along with 18 tons of explosives contaminated soils taken to the Bioremediation Facility for treatment on 27 SEP 01. EPA approved a 180-day extension on 04 APR 02. Fieldwork to remove the additional non-hazardous metals level material began and was completed on 18 JUN 02. An additional 61 tons of soil containing battery fragments and non-hazardous metals levels was removed from the site. Excavation was halted due to a visible change in soil and the potential for penetration of an unknown waste stream. The IMR for the MFA Battery Area was submitted for review and approval on 25 SEP 02. Cadmium, arsenic, and lead were the only metals found to be above residential levels. Cadmium levels were elevated above residential levels, but

below industrial cleanup levels. Since the MFA area is considered industrial, no further action for cadmium was recommended. Arsenic levels were elevated above industrial cleanup levels, but were below the average from the Basewide Background Soil Investigation Report for the same soil type. Therefore, no further action for arsenic was recommended. Lead levels were above industrial cleanup levels and exceeded TCLP limits in the area where excavation was halted. Further, ground water, surface, and subsurface soil sampling investigation of this location will be conducted for lead under the RCRA Facility Investigation to be performed at MFA, MFB, Cast High Explosives/B-146 Incinerator, and Pyrotechnic Test Area.

Mr. Hunsicker then led an open discussion session. Time was then taken to schedule the next RAB. The next official RAB meeting is tentatively scheduled for Tuesday, April 22, 2003 at 1100. No additional topics were discussed during the open session. The RAB meeting was adjourned at 1430.

Table 1 – Restoration Advisory Board Meeting Attendees List for October 22, 2002

NAME	TELEPHONE & FAX	ORGANIZATION REPRESENTED & MAILING OR E-MAIL ADDRESS
Teresa Ellis	812/384-3087	Community
Peter Ramanauskas	312/886-7890 fax 312/353-4788	U.S.EPA Region V – ramanauskas.peter@epa.gov
Doug Griffin	317/233-2710	IDEM dgriffin@dem.state.in.us
William Gates	843/820-7360 fax x7465	SOUTHDIV – gateswh@efdsouth.navfac.navy.mil
CDR Jo Hedges		NSWC 09 Public Works Officer (PWO)
Jerry Hill	812/854-1331	NSWC 09A Assistant Civilian PWO
Jim Hunsicker	812/854/3233 fax x4177	NSWC 095 - hunsicker_j@crane.navy.mil
Thomas Brent	812/854-6160 fax x3981	NSWC 09510 - brent_t@crane.navy.mil
Christine Freeman	812/854-4423 fax x3981	NSWC 09511 - freeman_cd@crane.navy.mil
John Stoll	812/854-3353	NSWC 09Z4
Steve Andrews	812/854-1165	NSWC 09Z4 – andrews_s@crane.navy.mil
Brady Miller	812/854-1360	NSWC 09Z4 – millerbj@crane.navy.mil
Lorie Richardson	812/854-6409 fax x4165	NSWC 052 Public Affairs - richardson_l@crane.navy.mil
Doug Johnson	812/854-1481	CAAA johnsond@crane.army.mil
Pedro J. DeJesus	812/854-1130	NSWC Crane OC dejesus_p@crane.navy.mil
Peter Chevalier	812/636-8501 fax x7572	TolTest, Inc.
Anita Netherland	812/384-3587 x117	SAIC anita.netherland@saic.com