

Minutes Restoration Advisory Board Navy Area-Wide

A Restoration Advisory Board (RAB) meeting for the Navy Area-Wide Installation Restoration (IR) sites was held on Wednesday, February 7, 2001 at the Hyatt Regency Hotel, Guam at 7:00 p.m. Enclosure (1) is a list of attendees for the meeting and the preceding public tour. Copies of the minutes from September 27, 2000 RAB meeting were made available for distribution to all interested parties.

LCDR Ron Kramps was introduced as Regional Environmental Programs officer for U.S. Naval Forces Marianas (COMNAVMARIANAS) and as RAB co-chairman. In his opening remarks, Lcdr Kramps introduced Mr. Mike Gawel of the Bureau of Planning as co-chairman and Roy Tsutsui as facilitator for the meeting. Mr. Gawel extended his welcome and requested that attendees review handout materials that were available for each of the meeting's presentations. Mr. Gawel introduced the evening's speakers.

Roy Tsutsui welcomed Mr. Dave Longa, Deputy Administrator of the Guam Environmental Protection Agency (GEPA), and Mr. Lance Richman, also of GEPA. He then presented an overview of projects showing 8 active projects, 7 projects located within the Apra Harbor Complex and 1 project in the north. Projects include Carpentry Shop Dip Tank Site, Dry Cleaning Shop, Building 3009, Area Behind the Fence, NEX Garage Septic Tank, South Finegayan Construction Battalion (CB) Landfill, Orote Landfill and Lower Sasa Fuel Burning Pond. The Carpentry Shop dip tank, drain lines and pump were removed in February 1998. Wet season groundwater sampling was conducted in July 1999 and dry season groundwater sampling was conducted in February 2000. The Remedial Investigation report is scheduled to be completed by April 2001. The Dry Cleaning Shop Remedial Investigation report was finalized in February 1996. Additional wet season groundwater sampling was conducted in August 2000. Dry season groundwater sampling is scheduled for February 2001. A detailed briefing regarding Building 3009 was to be discussed later.

The Area Behind the Fence (formerly SRF) was used as a disposal area for spent sand blast grit. Disposal activities ended after the fence was installed in 1973. Surface water, groundwater, surface soil and subsurface soil have been collected and analyzed to determine the extent of contamination. The site does not pose a threat to human health. However, there is a significant threat to ecological receptors at the sandblast grit peninsula and loop road disposal area. The Remedial Investigation was finalized in 1995. Additional sampling is planned for 2008.

The NEX Garage Septic Tank will be discussed later. Mr. Tsutsui encouraged site visits at anytime. He said that the C.B. landfill is a good news site. Construction was completed in June 1998, final site work plan for groundwater sampling was completed in April 1999 and a dye trace study was conducted in July 1999. Continued groundwater monitoring and maintenance will be conducted. The Orote landfill is also a good news story and will be discussed in detail

later. The Lower Sasa Fuel Burning Pond is an ongoing mitigation project being coordinated with the Government of Guam.

There were no questions for Roy.

Eric Wetzstein, AMEC Earth and Environmental, presented an overview of the NEX Garage Septic Tank project. Construction started on January 08, 2001 and should be completed in March 2001. Samples will be collected under the septic tank and pipeline. Samples will be analyzed for Volatile Organic Compounds (VOCs) and Polycyclic Aromatic Hydrocarbons (PAHs). Cleanup activities include removal of oily material from the tank, removal of the tank and cleaning and removal of the sewer pipeline between NEX Garage and Route 2. The pipeline between Route 2 and Agat Bay will be cleaned and the ends sealed.

Q1- What type of supervision is there during the day? Is there anyone watching the contractor?

Ans.- Navy employs the services of independent contractors to oversee the construction site. The RAC contract has its own internal quality assurance and quality control. GEPA personnel also visit the site and inspect to ensure cleanup goals are being met.

Q2- The section of the pipe to remain in the ground, how are you going to clean it out and make sure nothing will be spilled out?

Ans.- There is technology for jetting out and sucking out the covered water. Preliminary findings show that it is already fully clean. Most if any impact appears to have been trapped in the septic tank.

Q3- Will the pipeline be sealed at both ends?

Ans.- The end of the pipeline located in the bay is pretty well covered with coral. Chances are it is already sealed by natural biological activity. The pipe will be cleaned and sealed from Route 2A.

John Fern, EarthTech Technical Director, presented an overview of the site investigation of Bldg. 3009 at Public Works Center. The site was used to perform electrical transformer maintenance from 1952 to 1977, and was decommissioned in 1977. To date soil samples have been taken in 1982, 1989, and 1998. From 1993 to 1997, soil was removed and on-site treatment was completed. The building was demolished in 1997. A treatment technology was used instead of removing the contaminated soil and placing it in a U.S. landfill. This treatment was used to remove contaminants from the soil. Testing confirmed the treated soil did meet the clean up goal and the soil was returned to the site.

The contaminant of concern is the PCBs associated with the transformer repair site. We know from further investigation following the removal action that there are still some areas where PCBs remain on the site. The groundwater here is shallow and is not used for drinking purposes

because it is so close to the harbor. There will be a series of surface and subsurface soil samples taken and analyzed for PCBs, dioxins and furans. Groundwater samples will also be taken. We don't think PCBs got into the groundwater, but samples will be taken to make sure. We look at both human and ecological receptors as a guide to determine the locations where the samples will be taken.

Q1- You mentioned dioxins and furans. What is the source of the dioxins?

Ans.- Dioxins may be present in the PCBs, as contaminants within the PCBs and is possibly related to the heating process.

Q2- Was there oil burning?

Ans. No.

Q3- Was there PCB burning in the clean-up process?

Ans.- Yes, this was a former transformer repair shop. A Thermal Desorption Process was used.

Q4- What happened to the PCBs that went out into the harbor?

Ans.- We are looking at the site right now. We will be taking samples to determine if there is any contamination.

Q5- Is there any confirmation of contamination in the harbor?

Ans.- Consultants are concentrating on the source first. Removal of the source is the highest priority. We have other means of looking at the harbor. We do maintenance dredging and in the process of dredging, samples are taken. The report has not been finalized. After Paka, some ships had been grounded and were dredged out. Samples were taken and analysis showed no PCB contamination. But, we are always looking for it.

Eric Wetzstein presented an update of the Seawall and landfill cover construction project. Seawall construction should be completed in February 2001. The landfill cover was completed in January 2001. Short term monitoring of the rock anchors will be accomplished. Landfills are normally covered with grass, but because of Guam's unique climate, it was decided to use native plants and shrubs. Mr. Frank Cruz and Dr. Jim McConnell, from University of Guam, Dept. of Agriculture, have assisted in providing a list of native plants that may be used. The vegetation with native plants is expected to be completed in June 2002.

There were no questions for Mr. Wetzstein.

Announcements: Next RAB meeting will be held on May 9, 2001 at Hyatt Regency. Roy Tsutsui announced the Public Affairs Office related that on February 8, 2001, you should be able to start seeing the RAB website, www.guam.navy.mil. Once to that website you should see the link to

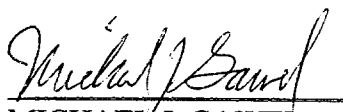
the RAB site. There are nationwide restrictions for what can be put on the website. Meeting minutes cannot be put on the website. But you will be able to find RAB fact sheets. He welcomed any comments or suggestion from the participants.

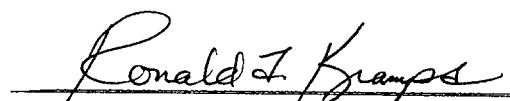
Training will be offered to military personnel, professional staff, regulators and RAB members. The next training will be on Feb. 22, 2001 at the Hilton Hotel for Technical training on background analysis. For additional information, contact Public Affairs at 339-3207.

Closing remarks were given by LCDR Kramps, thanking everyone for coming to the RAB meeting. Mr. Gawel requested everyone to stay and chat, or ask any additional questions and reminded everyone to try the website.

The meeting adjourned at 8:55 p.m.

Approved by:


MICHAEL J. GAWEL
Community Co-Chairperson


RONALD F. KRAMPS, LCDR, CEC, USN
Navy Co-Chairperson