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**ANDERSEN AFB  
GUAM**

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**ADMINISTRATIVE RECORD  
COVER SHEET**

AR File Number 491

**ANDERSEN AIR FORCE BASE  
RESTORATION ADVISORY BOARD MEETING  
17 February 2000  
Guam Hilton Hotel (Chuchuko Meeting Room)**

**ATTENDEES:**

Colonel E. Schoeck – Installation Co-chair  
Sen. J. Brown – Community Co-chair  
Mr. J. Jocson – RAB Member  
Mr. M. Carey – RAB Member  
Ms. C.M. Sian-Denton – RAB Member  
Mr. F.L.G. Damian – RAB Member  
Mr. F. Castro – RAB Member  
Mr. M. Gawel – RAB Member  
Ms. J. Duwel – RAB Member  
Mr. E. Artero – RAB Member  
Mr. M. Ripperda – USEPA Region IX  
Mr. V. Wuerch – GEPA  
Mr. J. Torres – AAFB (Alternate for Mr. G. Ikehara)

**PUBLIC ATTENDEES:**

Lt Colonel J. Eunice – AAFB  
Ms. W. Camacho – AAFB  
Ms. M. Miclat – AAFB  
Ms. J. Poland – AAFB  
Ms. R. Perez – Senator Brown's Office  
Ms. M. Quenga – WERI  
Ms. A. Loerzel – PDN  
Mr. D.W. Longa – GEPA  
Ms. L.B. Longa – Public  
Dr. A. Anders – AFCEE  
Dr. S. Hewins – TCAT  
Dr. J. Rosacker – Booz-Allen  
Mr. J. Lazerri – EA Pacific  
Mr. T. Ghofrani – EA Pacific  
Mr. B. Thomas – EA Pacific  
Mr. C. Arnsfield – IT/OHM  
Mr. D. Seely – IT/OHM  
Mr. P. Ono – IT/OHM  
Mr. M. Knight – D&M  
Mr. C. Lund – D&M

**Introduction:**

Colonel E. Schoeck started the meeting by announcing that no written corrections were received regarding the last Restoration Advisory Board (RAB) meeting minutes. He inquired if the audience had any corrections and no one responded. Mr. Jess Torres, of Andersen AFB (AAFB), was introduced as the first speaker.

**Groundwater Sampling Results, Reported by J. Torres**

Mr. J. Torres reported that based on preliminary validated Fall 1999 groundwater sampling results, elevated Trichloroethene (TCE) was detected in groundwater collected from monitoring

wells IRP-31, located in MARBO, and IRP-3, IRP-39, and IRP-51, located at the Main Base. The TCE concentrations detected during this sampling event are similar to those of previous sampling events. As mentioned during the last RAB meeting, a *Diffusion Sampler* was used as a new groundwater sampling technique during Fall 1999. However, based on preliminary laboratory results, the use of the *Diffusion Sampler* technique needs to be further evaluated. The final Fall 1999 Groundwater Report is due at the end of this month and the specific groundwater sample results, including the *Diffusion Sampler* results, will be discussed in further detail at the next RAB meeting. During the next round of groundwater sampling in April 2000, additional wells in Dededo - some near Kentucky Fried Chicken - will also be sampled.

#### **Northwest Field Operable Units, Reported by J. Torres**

Mr. J. Torres stated that there are seven IRP sites at Northwest Field (NWF), Landfill 9, Landfill 22, Landfill 26, Waste Pile 4, Landfill 21, Chemical Storage Area 4, and Ritidian Point Dump Site. Landfill 9, Landfill 22, Landfill 26, and Waste Pile 4 are assigned as *No Further Response Action Planned* (NFRAP) sites. The initial cleanup is completed at Landfill 21, Chemical Storage Area 4 and, based on confirmation sample results, additional cleanup is required at these sites. AAFB is in the process of negotiation to provide funding for the additional cleanup at Landfill 21, and Chemical Storage Area 4. The Ritidian Point Dump Site is currently under field environmental investigation. Based on initial sampling results, additional dioxin samples will be collected during the last two weeks of February.

Furthermore, for the Northwest Field Operable Unit (NWF OU), the Remedial Investigation (RI), Feasibility Study (FS), Proposed Plan (PP), and Record of Decision (ROD) reports are scheduled for May 2002, July 2002, September 2002, and February 2003, respectively.

#### **Main Base Operable Units, Reported by M. Miclat**

Ms. Marriane Miclat reported on Landfill 14 and PCB Storage Area cleanup progress. At Landfill 14, three drums containing hydraulic and motor oil were found to have benzene and were subsequently shipped off-island for disposal as hazardous waste. Northeast of Landfill 14, there is a newly found area that needs further investigation pending additional funding. Most impacted soil at the PCB Storage Area has been removed and the excavated areas were backfilled. Ms. M. Miclat reminded board members that the sites, while industrially zoned, are being cleaned to residential cleanup levels. Confirmatory samples taken at both sites show more excavation is warranted to remove contaminated soils. The base is currently looking at funding sources to accomplish the work and will keep board members informed.

Under the Main Base OUs, Landfills 2 and 7 are scheduled for cleanup during Fiscal Year 2000 (FY00). Landfill 2 is a large site and the cleanup may be completed in 2001. The total cleanup budget is estimated to be \$2.5 million for Landfills 2, 8, 10, and 17. Feedback from the RAB and the environmental regulators, and sound science are the bases for cleanup prioritization of the sites.

### **MARBO Operable Units, Reported by J. Torres**

Mr. J. Torres stated that cleanups at Waste Piles 6 and 7 and Landfill 29 have been suspended due to the need for additional funding. However, a budget of approximately \$2 million is in the process of approval for completion of the Landfill 29 cleanup. Additionally, the long-term groundwater monitoring at MARBO needs to be re-evaluated according to the 1998 ROD requiring a 2-year review plan.

Senator J. Brown inquired about the status of the air stripping. Colonel E. Schoeck responded that AAFB is currently evaluating the water demand in conjunction with the condition of the air-stripping tower. Senator J. Brown expressed concern that TCE remains in the production well at MARBO while at Tumon Bay TCE has been detected in wells installed by the Tarza Water Park. It is important, Senator J. Brown emphasized, that the source of the TCE be identified. Mr. V. Wuerch responded that Guam EPA (GEPA) has already sent a data package to USEPA with regard to groundwater and is waiting for the agency's response. Ms. J. Poland mentioned that AAFB is actively pursuing identifying the source of TCE by examining new groundwater sampling techniques such as the *Diffusion Sampler* and scheduling the additional monitoring wells in Tumon Bay for the next month. Mr. M. Ripperda added that until the source is identified, it is really not effective to pump-and-treat a well with TCE contamination in the few parts per million range.

### **Harmon Operable Units, Reported by J. Torres**

There is no field activity at the Harmon sites; AAFB submitted the RI, and the final PP report is scheduled for completion by July 2000. After finalizing the ROD reports in November, a public meeting will be scheduled for December 2000.

Senator J. Brown inquired about the status of the incomplete cleanup areas and if those areas could be fenced-off to allow the land transfer of the remaining Harmon OU and whether there were any other outstanding issues with respect to the restoration sites in the area. Mr. J. Torres asked for elaboration and inquired whether Senator J. Brown was concerned specifically about cleanup levels. Senator J. Brown said her concern revolved around areas that might be roped off and restricted from future use because they could not be cleaned to certain levels. Mr. V. Wuerch replied that GEPA has some questions about certain areas and until those issues are resolved the status of the cleanup areas are not complete. Senator J. Brown inquired as to the size of the disputed areas. Mr. V. Wuerch was not certain about the size of those areas, but he mentioned that the disputed areas were separate and consisted of three small areas within bigger, defined areas. According to Mr. V. Wuerch, there are certain areas that have been delineated that GEPA does not think were sufficiently cleaned and will require negotiation with AAFB. Issues include whether the base will clean the areas to residential levels to be transferred, whether restrictions will be imposed or whether the base wants to negotiate deed-restrictions with the Land Reuse Authority (LRA). Ms. J. Poland interjected that all property under P.L. 103-339, which includes Harmon, has been sent to GSA for the transfer. Ms. J. Poland said if there are issues not worked out with GEPA there may be some areas requiring institutional

control. She also stated that all cleanups of all Areas Of Concern (AOCs) have been conducted along with the IRP sites, and that groundwater has been addressed. Ms. J. Poland says there may be a few areas which still need to be negotiated with GEPA to determine what levels of cleanup will be required there. Right now the base is not looking at cordoning off areas, according to her. Mr. V. Wuerch stated that GEPA has scheduled a meeting with AAFB for next Friday to discuss GEPA's comments. Mr. V. Wuerch added that GEPA has submitted comments to AAFB and disagrees with some of the cleanup issues. Senator J. Brown stated that there should be new information resulting from the scheduled meeting for the next RAB meeting.

Senator J. Brown mentioned that contaminants have been detected at the Tumon-Maui Well for more than 7 years. Furthermore, contaminants were detected in a well installed by Tarza Water Park at Tumon. Because Tumon Bay is vital for tourism, it is a concern for the community to identify the source of the contaminants. Mr. M. Ripperda commented that there were inherent problems associated with finding the source since wells have to be drilled. Dry cleaners can be investigated but it would be difficult to prove that they are the source, and GEPA does not have the funds to keep drilling holes in the ground and it would also be just as difficult for AAFB to drill wells near dry cleaners. Mr. M. Ripperda further explained that unless the source is found, pumping the wells for a parts per billion does not really remove PCE from the ground but rather removes PCE from the water being pumped. From an environmental perspective, the quantities removed would be miniscule.

#### **Other RAB Meeting Issues**

Colonel E. Schoeck inquired about the action items. Ms. M. Miclat reminded RAB members that it was decided in the last meeting that Mayor N. Blas be informed in writing that he was going to be terminated as a result of his absences at the meetings. Ms. M. Miclat mentioned that per RAB instruction, a letter was sent out to Mayor N. Blas and a follow-up call to ensure his attendance at the current meeting. Unfortunately, the Mayor has remained unresponsive to date. Senator J. Brown suggested that a second letter should be sent to him. At the same time, AAFB may recruit other mayors and interested parties to join as RAB members. Senator J. Brown suggested a letter be drafted to inform organizations about the RAB as a means to recruit and fill vacancies.

Mr. J. Jocson nominated Ms. M. Quenga to the RAB. RAB members accepted the nomination.

Mr. F. Castro inquired as to whether the National Environmental Policy Act (NEPA) is part of the Comprehensive, Environmental Response, Compensation, & Liability Act (CERCLA) and if it should be placed in the next meeting agenda for discussion. Ms. M. Miclat explained that according to NEPA, major federal projects are required to conduct an Environmental Assessment and that based on her understanding of the CERCLA process, NEPA requirements are already incorporated into the CERCLA process. Mr. M. Ripperda of the USEPA added that NEPA might be part of the land transfer process beyond the scope of CERCLA, but he would check further on this issue.

Mr. F. Castro asked that in the next meeting, information be presented on where the projects stand in the Federal Facility Agreement (FFA) and at what stage the projects are in the NEPA

process. Mr. V. Wuerch said in the Harmon process once a clean bill of health is issued in the CERCLA process, it gets transferred under P.L. 103-339 and then is negotiated between Government Services Agency (GSA) and Government of Guam (GovGuam). Ms. J. Poland commented that all of the Environmental Impact Statement (EIS) responsibilities fall under GSA and they may delegate it down to the base but ultimately the documents are the responsibility of GSA.

Mr. F. Castro asked how the Geographic Information System (GIS) is factored into all this. Ms. J. Poland responded that all of the data collected goes into an Air Force system that is kept at Air Force Center for Environmental Excellence (AFCEE). Mr. F. Castro responded that it would be important information to share with GovGuam.

Ms. M. Quenga inquired about the use of GIS at the Andersen AFB. Ms. J. Poland replied that the location of all groundwater monitoring wells and samples are included in a GIS along with results and are available for the public. Ms. J. Poland added that University of Guam (UOG) has utilized the AAFB GIS in the past.

Senator J. Brown mentioned that Earth Week is scheduled for the last week of April. Ms. J. Duwel and Mr. F. Damian gave a brief rundown of the Earth Week activities this year and mentioned the format has changed from exhibits at the Mall to exhibits and outdoor activities at the Asan Park, in an effort to provide the event with a historical perspective. Ms. J. Duwel requested a representative from the Air Force be sent to Earth Week meetings. Ms. J. Poland mentioned that someone out of the Environmental office would be designated.

Colonel E. Schoeck said in the last meeting someone requested the RAB meeting be held off-base. Senator J. Brown volunteered to host the next RAGB meeting at the Legislature Meeting Room in Agana. Mr. E. Artero requested the meeting be scheduled so it does not coincide with graduation ceremonies typically held in May. Details for the next quarterly RAB meeting will be coordinated between Senator J. Brown's office, AAFB, and Mr. E. Artero.

Colonel E. Schoeck adjourned the meeting at 7:30 p.m. The next RAB meeting is scheduled for May 2000.

APPROVED/DISAPPROVED

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COLONEL EDWARD P. SCHOECK  
Installation Co-Chair  
Restoration Advisory Board

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Date

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SENATOR JOANNE SALAS BROWN  
Community Co-Chair  
Restoration Advisory Board

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Date

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