



**ANDERSEN AFB  
GUAM**

---

**ADMINISTRATIVE RECORD  
COVER SHEET**

AR File Number 392

**ANDERSEN AIR FORCE BASE  
RESTORATION ADVISORY BOARD (RAB)  
MINUTES OF MEETING – 16 April 1998  
Our Lady of the Lourdes Meeting Room, Yigo**

**MEMBERS PRESENT:** Col T. McGoldrick – Installation Co-chair  
Sen. J. Brown – Community Co-chair  
Mr. J. Jocson for J. Jenson – RAB Member  
Mr. M. Ripperda – USEPA  
Mayor R. Lizama – RAB Member  
Mr. T. Guevara for M. Chargualaf – RAB Member  
Mr. M. Stacy – RAB Member  
Mr. F. Damian – RAB Member replacement for Mr. Mark Stacy  
Mr. V. Wuerch – GEPA  
Ms. J. Poland – AAFB  
Ms. J. Duwel – RAB Member  
Mr. Nelson Rodriguez – RAB Member

**MEMBERS ABSENT:** Mr. M. Gawel – RAB Member  
Mr. J. Flores – RAB Member  
Mayor N. Blas – RAB Member  
Mr. E. Artero – RAB Member  
Sen. M. Charfauros – RAB Member  
Mr. J. Iglesias – RAB Member  
Mr. V. Blaz – RAB Member  
Ms. C. Dimarucut – RAB Member  
Mr. D. Cruz – RAB Member

**OTHER ATTENDEES:** Mr. G. Ikehara – AAFB  
Mr. J. Torres – AAFB  
Ms. M. Miclat – AAFB  
Dr. J. Rosacker – Booz-Allen Hamilton  
Mr. B. Thomas – EA Pacific  
Mr. T. Richardson – EA Pacific  
Ms. M. Wilson – EA Pacific  
Mr. J. Lazzeri – EA Pacific  
Mr. T. Ghofrani – EA Pacific  
Lt Col S. Nelson – AAFB  
Col A. Riggle – AAFB  
Mr. B. Gilkison – OHM  
Mr. R. Glascott – MW Pacific  
Mr. M. Price – EA Pacific  
Capt A. Lambert – AAFB  
Mr. K. Kilmer – EA  
Ms. E. Parks – AAFB  
Dr. R. Porter – USAF Human Services Center  
Mr. C. Long – USAF Human Services Center



DEPARTMENT OF THE AIR FORCE  
PACIFIC AIR FORCES

15 JUN 1998

MEMORANDUM FOR DISTRIBUTION

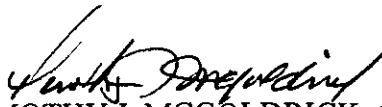
FROM: 36 ABW/CV

Unit 14003

APO AP 96543-4003

SUBJECT: Meeting Minutes for 16 Apr 98 Restoration Advisory Board  
(RAB) Meeting

1. The Andersen Air Force Base RAB meeting minutes for 16 Apr 98 are forwarded for your review as attachment 1. The next quarterly meeting is scheduled for 16 Jul 98, at the Religious Education Center across from the Santa Lourdes Catholic Church in Yigo. The meeting will promptly begin at 6:30 p.m. The agenda is provided as attachment 2.
2. Should you have questions, please call Mrs. Marriane Miclat at 366-5080. We look forward to continued communication with you.

  
TIMOTHY J. MCGOLDRICK, Colonel, USAF  
Co-Chairperson, Restoration Advisory Board

Attachments:

1. RAB Mtg Mins
2. Agenda RAB Mtg, 16 Jul 98
3. Distribution List

Col Timothy J. McGoldrick, Installation Co-chair, opened the meeting at 6:30 p.m. Sen. Joanne S. Brown, Community Co-chair, noted it was good to see everyone, as it had been a long time since the last RAB meeting.

## **1. REVIEW OF OLD BUSINESS**

The minutes of the 16 October 1997 meeting were reviewed and approved unanimously without changes. Mr. Mark Stacy, outgoing RAB member, requested and was granted a few moments to address the RAB. Mr. Stacy read a prepared speech and then introduced his RAB replacement, Francis Damian, who was welcomed to the RAB. Sen. Brown then extended thanks and appreciation, on behalf of the other RAB members, for Mr. Stacy's contributions to the RAB. Col McGoldrick and Sen. Brown then presented Mr. Stacy with a certificate of appreciation for his service on the RAB.

## **2. FIELDWORK UPDATE/PRESENTATION**

### **a. Groundwater**

Mr. Gregg Ikehara presented the status of the groundwater-monitoring program. He said that a review of the Spring 1997 and Fall 1997 groundwater sampling event data show fairly consistent data results with previous sampling events. He noted that the Spring 1998 groundwater sampling is currently in process.

### **b. Northwest Field Operable Unit**

(1) **Waste Pile 4:** Mr. Ikehara indicated that fieldwork has been completed at Waste Pile 4. While working around UXO material, excavations indicated that there was no buried debris or trenches at the site. The only problems at Waste Pile 4 appear to be related to the UXO material and specific metals that may be leaching from the metallic debris.

(2) **Landfill 26:** Mr. Ikehara stated that fieldwork has been completed and that the report is being generated. The only problems observed appear to be dioxins related to burned material at the site. The next phase of work for Landfill 26 will be to conduct a risk assessment.

(3) **Chemical Storage Area 4:** Mr. Ikehara reported that fieldwork has been completed at this site, and the only apparent problems appear to be related to specific metals that may have leached from metal debris. A Site Characterization Report is being generated, and a risk assessment will be conducted to determine if remediation is required and if so, what the appropriate clean up levels should be.

(4) **Landfill 21:** Mr. Ikehara stated that a Site Characterization Report has been prepared and that there were a few lead and benzo(a)pyrene "hot spots" that may need remediation. Currently, a risk assessment is being conducted to determine if remediation is required and if so, what the appropriate clean up levels should be.

**c. Main Base Operable Unit**

**(1) Asphalt Project:** Ms. Marriane Miclat showed photos of the asphalt collection system and explained the asphalt collection was being conducted utilizing natural slopes as much as possible. She stated that on March 26 a ceremony was held where the Air Force turned over the first batch of asphalt drums to Mr. Tony Martinez of the Department of Public Works. She also explained that reconditioned drums and wooden pallets were being used extensively on the project and that there may be possible savings of \$100,000. Col McGoldrick added that the asphalt is highway grade. Ms. Miclat started to put things in perspective, 5,000 drums of asphalt can pave 114 miles of a 4-foot wide lane. Sen. Brown inquired as to how much more asphalt had been recovered and how much more had to be done. Ms. Miclat stated that 134 drums had been recovered to date. Ms. Joan Poland interjected that there was still a lot more work to go and that the project was going to last another 4-5 months. Sen. Brown commended the Air Force for bringing something tangible with benefit to the community. Ms. Poland noted that RAB members also deserve credit for prioritizing the work so it could be funded.

**(2) FY98 Funding:** Ms. Miclat announced that the Air Force had just received funding for an asphalt cleanup and investigation at Landfill 8 and site investigations at Landfills 10A, B, & C, Drum Storage Area 2, and Firefighter Training Area 1.

**d. MARBO Operable Unit**

**Overall Status:** Mr. Jess Torres reported that the soil and groundwater Remedial Investigation (RI), Feasibility Study (FS), and Proposed Plan reports have been completed for the MARBO Operable Unit. He stated that a public hearing was held to present the Proposed Plan and that comments were received from the public. The Air Force has prepared responses to public comments and has generated a Record of Decision, which is currently in review by the regulators. Sen. Brown asked if the Record of Decision was available to the RAB during the regulatory comment period. Ms. Poland replied that it might become available by August.

**e. Harmon Annexes Operable Unit**

**(1) Landfill 23:** Andersen AFB, Guam EPA and USEPA Region IX have approved and signed the No Further Response Action Planned Document for Landfill 23.

**(2) Landfill 24 and Harmon Substation:** Mr. Torres indicated remediation work would be started in approximately two weeks.

**3. ACTION ITEMS**

**a. Public Health Assessments (PHAs)**

**(1)** Capt Agapito Lambert of Andersen AFB Bioenvironmental Engineering introduced Dr. Ron Porter and Mr. Cornell Long from the Human Service Center out of Brooks Air Force Base in San Antonio, to speak about the Public Health Assessment process conducted by the Agency for Toxic Substances and Disease Registry (ATSDR).

(2) Dr. Porter presented a background on the ATSDR and how it relates to Andersen AFB. ATSDR was established by Superfund legislation in 1980 and was mandated by Congress to conduct Public Health Assessments and perform other health-related responsibilities for National Priority List (NPL) sites such as Andersen AFB. ATSDR is a federal agency under the Department of Health and Human Services, headquartered in Atlanta, and is a sister agency to the Centers for Disease Control and Prevention. ATSDR is an independent health service agency, but they do not have any regulatory authority like EPA.

(3) Dr. Porter explained the ATSDR is mandated to conduct Public Health Assessments (PHAs) to provide communities with associated health implications of living around NPL sites. A PHA is an evaluation of data and information on the release of hazardous substances into the environment in order to assess and mitigate any past, present, or future impact on public health. The goal of the ATSDR relative to PHAs is to conduct site visits, review documents, and determine community health concerns near NPL sites to identify past, current, and future pathways of human exposure. He showed a generic conceptual model to illustrate potential pathways for exposure from a site.

(4) Dr. Porter cited that another goal of the PHA process is to review health outcome data such as vital statistics, disease/exposure registries, and demographic information to determine if there is a relationship between an environmental exposure and an adverse health outcome.

(5) Dr. Porter noted that ATSDR first visited Andersen AFB in 1993 to collect background information and has been reviewing documents since. ATSDR has only started writing the PHA for Andersen and a public comment version of the PHA is tentatively scheduled to be available in Fall 1998. This will be followed by a 60-day public comment period. The public comments and responses will be incorporated into the final document, which is due out in Spring 1998.<sup>9</sup>

(6) In closing Dr. Porter provided the name/address of the ATSDR Assessor in charge of Andersen AFB:

Amanda Stoddard  
1600 Clifton Road, Mailstop E-56  
Atlanta, GA 30333  
e-mail: [abd5@cdc.gov](mailto:abd5@cdc.gov)  
website: [atsdr1.atsdr.cdc.gov:8080](http://atsdr1.atsdr.cdc.gov:8080)

(7) Mr. Nelson Rodriguez asked whether Dr. Porter was going to perform a baseline study. Dr. Porter responded that he is a Department of Defense civilian working for the Air Force and does not work for ATSDR. He further stated that a PHA is different from an environmental risk assessment in that it is more qualitative, whereas an environmental risk assessment is more quantitative and is used primarily to determine remediation goals.

(8) Sen. Brown asked whether the PHA would be used in the process of prioritizing cleanup activities at Andersen AFB. Dr. Porter responded that is the focus of an environmental risk assessment. The intent of the PHA is to focus on the potential effects a site or sites represent to receptors and the PHA is made relevant to land use terms. The PHA should be presented at an

eighth grade level of understanding. Sen. Brown expressed concern that the PHA seems to provide a lot of general information and may not be timely or useful in assisting the cleanup process. She further stated that she is trying to get a clearer understanding of the value of a PHA, because she sees the potential for a PHA to be confusing to the public. The potential problem she sees revolves around allaying public fears. She feels it would still be unacceptable to the public if the Air Force cleans up to levels considered acceptable based on technology and cost factors. Ideally, Sen. Brown said she would like to see all the sites turned back to their natural state with zero contamination. Her perspective is that some of the sites should be kept active and maybe 20-30 years into the future, some new technology may become available or the remediation more cost effective.

(9) Mr. Travis Guevara asked if work had been done subsequent to the 1993 site visit by ATSDR. Dr. Porter responded that the visit was conducted when the IRP was very young and not much information was available. Dr. Porter said that they have identified significant additional information about the IRP sites during their weeklong visit. The information will be forwarded to ATSDR to be incorporated into the PHA. Mr. Victor Wuerch added that the potential problem he sees the RAB having is that the CERCLA risk assessment process is much more rigorous than the PHA and though they share many of the same basic concepts, they are different processes. Mr. Long disagreed and stated that he felt that the methodologies were very similar.

(10) Ms. Julianne Duwel asked if and when interviews were conducted. Ms. Poland responded interviews were conducted as part of the 1993 ATSDR site visit and she knew that Mr. Angel Santos was one of the people interviewed. As an action item she will follow up and get a list of who was interviewed.

(11) Mr. Stacy commented that he was concerned the health concerns (PHA) will come out after the remediation is implemented. In some cases, when people see a risk analysis that indicates an increase in the mortality risk by 1 in 100,000, they may have the tendency to over-extrapolate. Sen. Brown reiterated her concern that the public is under the impression that the remediations are cleaning up to remove risk and they will not want to hear there is in fact a risk of 1 in 100,000 even after a site has been remediated.

(12) Mr. Long pointed out that the PHA is a living document and when a particular remediation/technology is selected and implemented, ATSDR will follow that activity, monitor the results, and look for potential changes to the associated health effects.

(13) Mr. Guevara asked whether the ATSDR Internet site provides specific solutions. Dr. Porter responded the site presents generic information relative to exposure to specific compounds. Ms. Poland added Andersen AFB is currently putting together manuals to be provided to RAB members that will include background information on such compounds as TCE, PCE, and PCBs.

#### **b. Guam Community College**

As a follow up to an action item from a previous RAB meeting, Ms. Poland reported the following: Mayor Nonito Blas (Mangilao) asked if AAFB would cleanup the site near Hawaiian Rock that AAFB turned over to Guam Community College (GCC). He had wondered why

AAFB did not clean up the property before transferring it and had said that he would like to have this place cleaned up. Ms. Poland researched the records and said when the property was turned over to GCC the site did not contain hazardous waste materials. The property was turned over in June 1990 and before that date and currently, people have dumped appliances, vehicles, and other debris on the property. Sen. Brown wanted to know whether GovGuam had signed off on the property transfer. Ms. Poland responded there is a copy of the Quit Claim Deed and she can provide a copy to the RAB. Sen. Brown wanted to know if it is standard for GovGuam to receive these documents. Ms. Poland responded that to her knowledge, GovGuam signed and received copies of the transfer document.

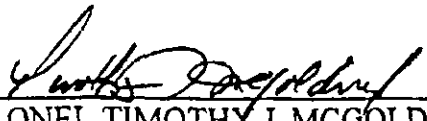
#### 4. PUBLIC COMMENT

There were no comments from the public.


#### 5. ADJOURNMENT

Sen. Brown made a closing statement thanking everyone for a very productive meeting and again welcomed the new members. The next meeting will be on July 16, 1998. The meeting adjourned at 7:50 p.m.

APPROVED/DISAPPROVED

  
COLONEL TIMOTHY J. MCGOLDRICK  
Installation Co-Chair  
Restoration Advisory Board

15 Jun 98  
Date

  
SENATOR JOANNE S. BROWN  
Community Co-Chair  
Restoration Advisory Board

June 18, 1998  
Date



## **RESTORATION ADVISORY BOARD**

### **AGENDA**

**July 16, 1998**

**6:30 p.m. – 7:30 p.m.**

- 1. Review of Old Business:** (meeting minutes)
- 2. Fieldwork Update/Presentation**
  - A. Groundwater  
Presenter: Mr. Gregg Ikehara
  - B. Northwest Field Operable Unit  
Presenter: Ms. Marriane Miclat
  - C. Main Base Operable Unit  
Presenter: Ms. Marriane Miclat
  - D. Harmon Operable Unit  
Presenter: Mr. Jess Torres
- 3. Action Items**
  - A. List of 1993 ATSDR Interviewees
  - B. Quit Claim Deed (Transfer Documents) for GCC
- 4. Public Comment**
- 5. Adjournment**

## AAFB RESTORATION ADVISORY BOARD MEMBERS

Daniel A.C. Cruz  
Fred Castro  
Julianne T. Duwel  
Charlotte Dimarucut  
Senator Joanne M. Salas Brown  
Travis Guevara  
Michael J. Gawel  
Nelson Rodriguez  
Frances L.G. Damian  
Melissa V. Sablan  
Vincent P. Arriola

Alternate: Rowena Perez

FORMER TRC MEMBERS

Jerry A. Flores  
Edward C. Artero  
John Jenson  
Jim D. Iglesias  
Joanne Tarkong  
Mayor Nonito C. Blas

Alternate: Paul Packbier

Alternate: John Jocson

REGULATORS

Victor Wuerch  
Mark Ripperda

AFB OFFICIALS

Colonel Timothy McGoldrick  
Joan Poland

**FINAL PAGE**

**ADMINISTRATIVE RECORD**

**FINAL PAGE**