

250

0

File: 17-07  
G.L



# ANDERSEN AFB GUAM

---

## ADMINISTRATIVE RECORD COVER SHEET

AR File Number 250



250

1

File: 17-05-02  
G.I.DEPARTMENT OF THE AIR FORCE  
PACIFIC AIR FORCES

250

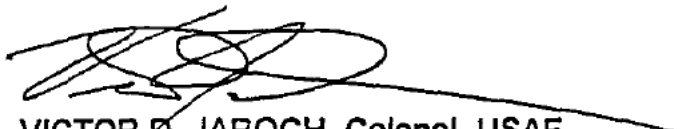
26 JUN 1996

## MEMORANDUM FOR SEE DISTRIBUTION LIST

FROM: 36 ABW/CV  
UNIT 14007  
APO AP 96543-4007

SUBJECT: Meeting Minutes for 5-16-96 RAB

1. Meeting Minutes for May 16 are provided for your review. The next quarterly RAB meeting will be held on August 15. You will be informed of the specific meeting time and location once details become available.
2. We look forward to continued communication with you. If you have any questions, please call Marriane Miclat at 366-5080.



VICTOR D. JAROCH, Colonel, USAF  
Co-Chairperson Restoration Advisory Board

## 2 Attachments:

1. Meeting Minutes
2. Distribution List

**ANDERSEN AIR FORCE BASE  
RESTORATION ADVISORY BOARD (RAB)**

<b>MINUTES OF MEETING - 16 MAY 1996 ANDERSEN AIR FORCE BASE, DEDEDO COMMUNITY CENTER</b>
--

**MEMBERS PRESENT:** Col V. Jaroch - Installation co-chair  
Sen. J. Brown - Community co-chair  
Mr. M. Cruz  
Mr. J. Jenson  
Mr. F. Castro  
Mr. M. Gawel  
Mr. M. Stacy  
Mr. N. Rodriguez  
Mr. V. Wuerch  
Ms. J. Duwel  
Mr. J. Flores  
Ms. J. Poland  
Mr. V. Blaz  
Mr. J. Baza

**MEMBERS ABSENT.** Mr. D. Cruz  
Sen. M. Charfauros  
Mayor N. Blas  
Mayor E. Artero  
Ms. C. Taitano  
Mr. J. Iglesias  
Ms. M. Schutz

**PUBLIC ATTENDEES:** Mr. R. Shotter - AAFB  
Ms. M. Miclat - AAFB  
Mr. F. Madlangbayan - AAFB  
Mr. T. Churan - AAFB  
Ms. S. Feng - EA Engineering  
Mr. J. Lazzeri - EA Engineering  
Mr. T. Ghofrani - EA Engineering  
Mr. R. Schambach - EA Engineering  
Mr. G. Colgan - Montgomery Watson  
Ms. D. Batatian - Montgomery Watson  
Mr. J. Hill - AFCEE  
Mr. B. Oxford - Booz-Allen & Hamilton

## **PROCEEDINGS**

Colonel V. Jaroch called the meeting to order at 6:18 PM and went over the agenda.

### **I. REVIEW OF OLD BUSINESS**

#### **A. Meeting Minutes**

Members reviewed the previous meeting minutes. Senator Brown asked whether the board had any revisions to the minutes from the previous meeting, to which there was no response. A motion was made, seconded, and approved to adopt the previous meeting minutes.

#### **B. Update on Tumon-Maui Well (Col Jaroch, AAFB)**

Col. Jaroch provided the status of Tumon-Maui well. The Air Force has awarded a contract to Guam Pacific Power to construct and install the air stripper for the Tumon Maui well and Production wells MW-1, MW-2, and MW-3. The contract was awarded on April 23, for \$254,000, with installation to start in September 1996 and the project completion in October 1996.

Fred Castro stated that the installation of the air stripper would provide a good chance to facilitate public awareness and educate the public about the value of groundwater. Col. Jaroch agreed and suggested that part of the next meeting be used to explore ways of using this opportunity.

### **II. TECHNICAL UPDATES/PRESENTATIONS**

#### **A. Summary of Environmental Baseline Survey (EBS) Field Work on lands being excessed under P.L. 103-339: (Ms. Darlene Batatian, Montgomery Watson)**

Darlene Batatian, a contractor for the Installation Restoration Program team, presented the status of the recently completed Environmental Baseline Survey field work for the lands being excessed under P.L. 103-339. Darlene stated that the purpose of the EBS field work is to determine whether potential contamination exists on the properties as a result of Department of Defense activities.

Darlene explained that the Phase I investigation was completed by another contractor and consisted of a review of historic records, a review of aerial photographs, interviews of workers, and visual site inspections. Based on all these, any area suspected of possible contamination is designated as an Area of Concern (AOC) and additional work (Phase IIs) required will involve field sampling or additional record searches.

Darlene then summarized the nature of the AOCs. Seventeen AOCs are suspected waste piles, nine AOCs are cesspools or other sewage related sites, sixteen AOCs were areas of uncontrolled surface dumping, and eleven AOCs were categorized as miscellaneous. Darlene presented a map that showed the parcels at the Harmon Annex, the Harmon POL Storage Annex, the Andersen South Administrative Annex, Camp Edusa, and the Andersen Radio Beacon Annex.

Next Darlene presented some photographic slides to show what the AOCs looked like and the types of materials dumped in the AOCs. The slides showed various instances of disposed metal and construction debris, disposed appliances and household trash, and discarded automobiles. In the few cases where disposed drums were found, the drums appeared to have been disposed of empty or filled with innocuous material such as aluminum cans and glass bottles.

Darlene concluded by stating that of the 53 identified AOCs, eight are recommended for no further action. Sampling has been completed at 24 of the AOCs and 16 of the AOCs consisted mostly of surface trash and debris. Surface debris for these areas are scheduled for removal. Sampling at the AOCs included installation of 64 soil gas probes, seven geophysical surveys, 33 test pits, and 72 soil samples. Preliminary findings to date are as follows: soil gas indicated no detections, test pits indicated no visual contamination, and soil analytical results are pending.

Col. Jaroch commented that to date that most of the AOCs are surface landfilling of household waste and debris, and the landfills are not substantial in thickness or extent. The history of these AOCs seems to be very short lived. Further Col. Jaroch commented that the Air Force has redirected priorities based on the RAB priorities.

Col. Jaroch introduced Mr. Tom Churan as the new head of the environmental flight at civil engineering and opened the floor for questions on the AOCs.

Nelson Rodriguez asked a question as to what procedures were followed during the Visual Site Inspections (VSIs). Darlene Batatian replied that though she was not the contractor involved in the VSIs that they were looking for visual clues of disposal such as disturbed land, or visual signs of fill. Joan Poland added that one of the most important clues is to look for stressed vegetation.

#### **B. Groundwater Results: (Ms. Joan Poland 36 CES/CEV)**

Col. Jaroch asked Joan Poland to quickly summarize the results of the March groundwater sampling. Joan stated that preliminary information from the recent (March 1996) groundwater sampling event (unvalidated data) showed very similar results to the November-December 1995 groundwater sampling event. The next groundwater sampling event is anticipated in September 1996. John Jensen asked how many wells were part of the Basewide groundwater sampling. Joan replied that after the current well construction is completed there will be 54 IRP monitoring wells with 40 other sampling points (USGS wells, open boreholes, and production wells). After each of these data points is sampled at least four times the whole data set will be evaluated and some wells will be eliminated from long term monitoring.

**C. Proposed Revision to Operable Units: (Ms. Joan Poland 36 CES/CEV)**

Joan presented three maps: Main Base, Northwest Field, and the Harmon and the MARBO Annex maps. The maps showed all of the IRP sites and AOCs. The maps were color coded to show all IRP sites and AOCs and indicated their field work status: 1) completed, 2) in progress or under contract, and 3) not yet under contract. At this point the auditorium lights went out and generator powered lighting had to be utilized. Joan indicated that there were 11 sites where field work was completed; 10 where field work is under contract and scheduled for completion in the next 12 months; and 18 that have yet to be contracted. She further noted that all sites that are not contiguous with the Main Base (i.e. Harmon Annex and MARBO Annex) are currently under contract. Col. Jaroch interjected that the prioritization of MARBO and Harmon sites was agreed upon -- even though the sites may be low priorities, based on risk -- because of Air Force sensitivity to the overriding land issues.

Joan stated that in order for the RAB members and public to better understand the Base IRP sites and to facilitate better prioritization of future work on the IRP sites, Andersen is proposing to modify the Operable Units (OUs) as they are presently defined in the Federal Facility Agreement (FFA). To help the public better understand the OUs and to help in the prioritization of funding Joan proposed realigning the existing five Operable Units into four geographically defined units: Harmon Annex OU, Andersen South (MARBO Annex) OU, Northwest Field OU, and Main Base OU.

Fred Castro asked what would happen to OU-2. Joan responded that the groundwater from each area would be tied to the corresponding geographical operable unit. Julianne Duwel asked if in the case of OU-3, would the new MARBO Annex be essentially the same as OU-3 with the addition of the groundwater. Joan replied that this was the case.

Jerry Flores asked how the realignment deals with sites inside and outside of the groundwater protection zone (GWPZ). Joan replied that the GWPZ was used as an arbitrary line to help manage the number of sites, by creating OU-4 and OU-5.

Julianne Duwel asked if the change in designation would require any negotiation with the regulators. Joan responded that it would require some renegotiation because new deadlines would need to be established. However deadlines would generally be accelerated as a result.

John Jenson asked if this realignment would affect how groundwater is presently managed. Victor Wuerch stated that he thought that separating the groundwater into four separate areas makes a lot of sense. John Jenson concurred and said he thought the realignment was okay if four separate groundwater reports are prepared. Mark Stacey asked if the reorganization would affect the internal management of the OUs and Joan responded that it should streamline management. Fred Castro made a motion to adopt the proposed realignment of the OUs and Julianne Duwel seconded the motion. The motion was approved unanimously by voice vote.

**D. RAB Membership Rules: (Ms. Marianne Miclat 36 CES/CEV)**

Col. Jaroch asked Marianne Miclat to address the RAB on rules regarding membership. Marianne explained that the original mission statement stipulated a one year term with members serving two consecutive one year terms. As the RAB is now over one year old all current members have technically expired. Marianne suggested that the current terms be extended another year and that Senator Brown continue to serve as Community co-chair. Because the mission statement was established with with the intention of holding monthly RAB meetings and later revised to quarterly RAB meetings, John Jenson moved that terms for RAB members be extended by one year and that Senator Brown continue to serve as Community co-chair. Julianne Duwel seconded the motion. The motion passed by voice vote.

**III. NEW BUSINESS****A. RAB EDUCATION**

Col. Jaroch wanted it entered into the record that the Air Force supports the education process for the RAB. Subjects the Air Force has helped or can help in training the RAB relate to: relative risk, federal budgeting process, CERCLA process, and educational videos. Mark Stacy suggested developing some kind of self-study guide or recommended reading list for RAB members. Senator Brown agreed that a curriculum is a good idea, but favors informal training that is flexible for RAB members because of job requirements and varying degrees of environmental expertise amongst the members. Col. Jaroch suggested that a reading list be put together by the next meeting. Fred Castro asked what funding was available to the RAB for educational materials. Joan Poland responded she would check into what is available. Fred Castro also asked if there were funds available for the RAB to retain their own private consultant. Joan Poland responded she would check with PACAF.

**IV. ADJOURNMENT**

There were no more comments or questions, and Col. Jaroch adjourned the meeting at 7:22 p.m. The next RAB meeting will be held at either Andersen AFB or University of Guam at 6:30 PM on August 15.

APPROVED/DISAPPROVED

\_\_\_\_\_  
COLONEL VICTOR D. JAROCH, USAF

Installation Co-Chair



Restoration Advisory Board

\_\_\_\_\_  
Date

\_\_\_\_\_  
SENATOR JOANNE SALAS BROWN

Community Co-Chair

\_\_\_\_\_  
Date

**DISTRIBUTION LIST****AAFB RESTORATION ADVISORY BOARD MEMBERS****Manuel Quitugua Cruz**  
**Daniel A.C. Cruz**  
**Fred Castro**  
**Julianne T. Duwel**  
**Conchita San Nicolas Taitano**  
**Senator Joanne M. Salas Brown**  
23rd Guam Legislature  
Suite 200, 130 Aspinall Street  
Agana, Guam 96910**Tony Magtoto**  
**Michael J. Gawel**  
**Nelson Rodriguez**  




**FORMER TRC MEMBERS**

**Jerry A. Flores**  
c/o Guam Chamber of Commerce  
P.O. Box 20730  
GMF, Guam 96921

**Mark P. Stacy**  
Guam Coastal Management Program  
Bureau of Planning  
P.O. Box 2950  
Agana, Guam 96910

**Edward C. Artero**  
[REDACTED]

**John Jenson**  
WERI  
University of Guam  
Mangilao, Guam 96923

**Jim D. Iglesias**  
[REDACTED]

**Vincent S. Blaz**  
[REDACTED]

**Senator Mark C. Charfauros**  
Ada Commercial & Professional Center  
138 East Marine Drive  
Suite 101, C-Annex  
Agana, Guam 96910

**Nonito C. Blas**  
[REDACTED]

**REGULATORS****Victor Wuerch****Guam Environmental Protection Agency****D-107 Harmon Plaza****130 Rojas Street****Harmon, Guam 96911****Michelle Schutz****U.S. Environmental Protection Agency****Region IX****75 Hawthorne Street (H-7-3)****San Francisco, CA 94105**

---

# **Environmental Baseline Survey**

## **P.L. 103-339**

### *Integration with Other Air Force Environmental Programs:*

- **3 Installation Restoration Program (IRP) sites at Harmon Annex**
- **Initiating Field Work at IRP Sites**
- **Installing 3 Groundwater Monitoring Wells**

---

**Andersen Air Force Base  
Restoration Advisory Board**

***P.L. 103-339  
(Guam Land Use Plan Of 1977)  
Environmental Baseline Survey***

**16 May 96**

---

# **Environmental Baseline Survey (EBS)**

- **What is an “EBS”?**
  - **Environmental Baseline Survey  
(Property Assessment)**
- **Purpose:**
  - **To Determine Whether Potential Contamination  
Exists As a Result of Dept. of Defense Activities**

---

# **Environmental Baseline Survey**

**P.L. 103-339**

- **Phase I: (Completed)**
    - Review Historic Records
    - Conduct Interviews
    - Conduct Visual Site Inspection
    - Identify Areas of Concern (AOCs)
  - **Phase II:**
    - Field Investigations/Sampling
  - **Status**
    - Completed Most Field Investigations
    - Scheduled Surface Waste Clean Up & Sampling
    - Preparing Report
-

---

# **Environmental Baseline Survey**

**P.L. 103-339**

- **17 Suspected Waste Piles**
  - **9 Cesspool/Other Sewage-Related Sites  
(Former Housing Areas)**
  - **16 Uncontrolled Surface Disposal  
(Modern Uncontrolled Dumping)**
  - **11 Miscellaneous: Pipelines, Electrical, Buildings**
-

# Environmental Baseline Survey

P.L. 103-339

## *Areas of Concern*

PARCEL (Acres)	# AOCs (Acres)	TYPES OF AOCs
Harmon Comm Annex #1 (862)	3 (6)	2 Waste Piles 1 Septic Tank
Harmon Housing Annex #4 (396)	10 (15)	4 Waste Piles 4 Cesspools/Pits 2 Housing Areas
Harmon VOR Annex (308)	2 (3)	1 Waste Pile 1 Septic Tank
Harmon POL Storage Annex #2 (35)	0 (0)	None



---

# **Environmental Baseline Survey**

## **P.L. 103-339**

### *Areas of Concern*

PARCEL (Acres)	#AOCs (Acres)	TYPES OF AOCs
Andersen South Administrative Annex (395)	6 (10)	5 Surface Dumps 1 Battery Site
Camp Edusa (103)	11 (29)	4 Waste Piles 2 Cesspools/Pits 4 Fuels, Elec., Bldgs. 1 Surface Dump
Harmon POL Storage Annex #1 (14)	8 (2)	6 Waste Piles 1 Trench 1 Surface Dump
Andersen Radio Beacon Annex (23)	13 (0.2)	3 Fuels, Elec. 1 Pit 9 Surface Dumps

---

---

# **Environmental Baseline Survey**

## **P.L. 103-339**

### ***Progress to Date***

- **Recommended 8 Sites for No Further Action**
    - Sites Cleaned Up
    - VSI Indicates No Potential for Contamination
    - Sites Managed by Other Agencies
  - **Completed Sampling at 24 AOCs**
    - Installed 64 Soil Gas Probes
    - Conducted Geophysical Surveys at 7 AOCs
    - Collected 72 Soil Samples
    - Excavated 33 Test Pits
  - **Awaiting Analytical Results of Soil Samples**
  - **Preparing Report**
  - **Scheduling Trash Removal & Sampling at 16 AOCs**
-

---

# **Environmental Baseline Survey**

## **P.L. 103-339**

### ***Preliminary Findings***

- **Soil Gas**                      **No Detections**
  - **Test Pits**                      **Based on Visual Inspection of  
Excavations**  
***No Indication of Potential Contamination***
  - **Soil Analytical**              ***Awaiting Results***  
**Data**
- 

250 18

**FINAL PAGE**

**ADMINISTRATIVE RECORD**

**FINAL PAGE**