



**ANDERSEN AFB
GUAM**

**ADMINISTRATIVE RECORD
COVER SHEET**

AR File Number 427

**ANDERSEN AIR FORCE BASE
RESTORATION ADVISORY BOARD (RAB)
MINUTES OF MEETING - 21 January 1999
Building 18001, 36th Civil Engineer Squadron
Andersen Air Force Base, Guam**

MEMBERS PRESENT: Col T. McGoldrick - Installation Co-chair

Sen. J. Brown - Community Co-chair
Mr. M. Gawel - RAB Member
Mr. J. Jocson - RAB Member
Mr. J. Iglesias - RAB Member
Mr. V. Wuerch - GEPA RAB Member
Ms. J. Poland - AAFB
Mr. E. Artero - RAB Member
Mr. J. Flores - RAB Member
Mr. M. Ripperda - EPA
Mr. M. Carey - New RAB Member

MEMBERS ABSENT:

Ms. J. Duwel - RAB Member
Mr. F. Damian - RAB Member
Mr. M. Chargualaf - RAB Member
Mr. F. Castro - RAB Member
Mayor N. Blas - RAB Member
Mayor R. Lizama - RAB Member
Mr. M. Charfauros - RAB Member
Mr. D. Cruz - RAB Member
Ms. M. Murphy - RAB Member

PUBLIC ATTENDEES:

Capt C. Bias - AAFB
Capt. V. Caravello - Brooks AFB
Ms. M. Miclat - AAFB
Mr. G. Ikehara - AAFB
Mr. J. Torres - AAFB
Dr. J. Rosacker - Booz-Allen Hamilton
Mr. B. Thomas - EA Pacific
Mr. D. DeSario - OHM Remediation
Mr. T. Churan - AAFB
Ms. A. Stoddard - ATSDR
Mr. C. Long - Brooks AFB
Ms. M. Taimanao - AAFB
Ms. J. Rodocker - EA Pacific
Ms. M. Wilson - EA Pacific

Colonel Timothy McGoldrick, Installation Co-chair, opened the meeting at 6:40 p.m. Col McGoldrick thanked the RAB members for attending and recommended that the meeting begin.

1. REVIEW OF OLD BUSINESS

Ms. Joan Poland stated that the first page of the July 1998 RAB minutes were mailed to all members and inquired if anyone had any questions regarding the change. Mr. Victor Wuerch noted that his name was spelled incorrectly in the October 1998 RAB minutes. Ms. Poland took note and ensured the name would be spelled correctly in the future.

2. FIELDWORK UPDATE/PRESENTATION

a. Groundwater

Mr. Gregg Ikehara presented the available groundwater results for the fall 1998 sampling event. He presented a graph showing the trichloroethylene (TCE) results for the past seven sampling events including the variations in TCE concentrations in IRP-31. Mr. Ikehara stated that he believed that the variation in concentrations is the result of fluctuations of the basal groundwater and transition zones in the vicinity of IRP-31. Mr. Ikehara said the remaining sampling results would be relayed, as they become available.

b. Northwest Field Operable Unit

Mr. Ikehara discussed the status of Installation Restoration Program (IRP) sites that included Landfill 22, Landfill 26, Chemical Storage Area 4, Landfill 21, and Waste Pile 4.

(1) **Landfill 22.** Primarily ironwood trees and low shrubs characterize this site, which is located between two runways. The fieldwork has been finalized and sample results are pending. The preliminary data shows little evidence of landfill type operations. Most of the debris found at the site appears to be related to the runway construction and airfield activities. Preliminary investigative findings indicate that remedial action will likely not be required. Photos of the site were presented depicting the absence of any evidence of landfilling operations.

(2) **Landfill 26.** A No Further Response Action Planned (NFRAP) report will be submitted to the base and the regulatory agencies.

(3) **Chemical Storage Area 4.** The Engineering Evaluation/Cost Analysis (EE/CA) report recommending a minor soil cleanup is currently undergoing the review process with the regulators. The review period will end in approximately one month. Remedial action will begin in Fiscal Year 1999 (FY99).

(4) **Landfill 21.** The Engineering Evaluation/Cost Analysis (EE/CA) report is currently undergoing the review process with the regulators. The review period will end in approximately one month. Remedial action will begin in Fiscal Year 1999 (FY 99).



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DEPARTMENT OF THE AIR FORCE
PACIFIC AIR FORCES

08 MAR 1999

MEMORANDUM FOR SEE DISTRIBUTION

FROM: 36 ABW/CV
Unit 14003
APO AP 96543-4003

SUBJECT: Meeting Minutes for 21 Jan 99 Restoration Advisory Board (RAB) Meeting

1. The Andersen Air Force Base RAB meeting minutes for 21 Jan 99 are forwarded for your review as attachment 1. The next quarterly meeting is scheduled for 15 Apr 99, at the Guam Legislative Hearing Room, No. 155 Hessler St., Hagatna. The meeting will promptly begin at 6:30 p.m. The agenda is provided in attachment 2. Please remember to bring the attached meeting minutes and agenda to the meeting.
2. We are currently filling RAB vacancies resulting from resignations and consecutive no-shows. As such, we are requesting that you provide us with the name of your designated alternate representative. We want to take this opportunity to express our gratitude for the unselfishness you've demonstrated in giving this important process both your time and dedication.
3. 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 Min
2. Agenda RAB Mtg, 15 Oct 98
3. Distribution List

(5) **Waste Pile 4.** A NFRAP report will be submitted to the Base and the regulatory agencies.

(6) **Summary of Work for FY 99.** Mr. Ikehara summarized the planned work in Northwest Field for FY 99 which includes the following: the investigation of Ritidian Point Dump Site, the interim hotspot removal of soil at Landfill 21 and Chemical Storage Area 4, and a revision to the Federal Facility Agreement (FFA) schedule for the Record of Decision (ROD) and Proposed Plan (PP).

c. Main Base Operable Unit

Overall Status. Ms. Marianne Miclat discussed the status of the sites at the Main Base. Ms. Miclat stated that there are 23 IRP sites on the Main Base, most of which are landfills. IRP sites discussed include Hazardous Waste Storage Area 1, Landfill 15 A & B, Drum Storage Area 1, Drum Storage Area 2, the Asphalt Project (Waste Piles 1 and 2, Landfill 8), Landfill 7, Landfill 2, Landfill 14, PCB Storage Area, Landfills 10 A, B, & C, Firefighter Training Area 1, Landfill 6, and Landfill 8.

Ms. Miclat stated that the topics for the sites would include NFRAP documents, ongoing fieldwork, and information on upcoming remedial actions. She summarized the purpose of a NFRAP document as a report to substantiate why Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) action is no longer required at a site. Ms. Miclat explained that CERCLA funding is intended for sites where contamination resulted from activities prior to 1984, and thus does not cover active sites.

(1) **Hazardous Waste Storage Area 1.** A NFRAP document has been prepared for the site based on the fieldwork and the sample results. Concentrations of chemicals of concern at the site have either been less than the regulatory limits or low enough that no risk is posed to the surrounding receptors.

(2) **Landfill 15A and 15B.** A NFRAP document has been prepared for the site based on the fieldwork and the sample results. Concentrations of chemicals of concern at the site have either been less than the regulatory limits or low enough that no risk is posed to the surrounding receptors.

(3) **Drum Storage Area 1.** The site which is currently used by the Red River Waste Management Company for storage of trash dumpsters is active and therefore not eligible for Environmental Restoration Account (ERA) funds. The Base has proposed transferring the site to the Base's Compliance Section under which an assessment will be conducted.

(4) **Drum Storage Area 2.** The site, called the lower Civil Engineer (CE) yard, is used as storage of construction materials such as backfill soil, wood, concrete utility poles and used equipment. During the 1940s and 1950s the site was used for storage of petroleum, paints, and solvents. Debris found at the site has included drums and storage lockers. Since the site is active,

it is not eligible for ERA funds. The Base is proposing to transfer the site to the Base's Compliance Section under which an assessment will be conducted.

(5) Asphalt Project. (Waste Piles 1 & 2, Landfill 8) Over 40% of the asphalt from various sites have been recycled successfully. Approximately 3,500 of the drums removed from Waste Pile 1 were recycled; however, the asphalt at Landfill 8 was intermingled with excessive debris and was not recoverable. Over 2,000 of those drums have already been turned over to the Department of Public Works (DPW), and over 1,500 are awaiting transportation. Mr. Jocson inquired about when the project would be completed. Ms. Miclat responded that completion of the project is estimated to be in late February or early March 1999.

(6) Landfill 7. The site was used for disposal of sanitary wastes during the 1950s and consists of one trench that runs across two homes, one occupied and one vacant. Chemicals of concern detected in site soils include metals and dioxins. The dioxins are likely the result of trash burning. The results of the soil samples have been forwarded to the risk assessors. Action to be taken at the site will be determined once the risk assessment has been completed. Because the site is located in a residential area, the most stringent guidelines, Region IX EPA Residential Preliminary Remediation Goals (PRG), will be applied to any cleanup actions.

(7) Landfill 2. The investigation has been completed at a portion of the 40-acre site where municipal and sanitary waste was found. Additional funding to complete the investigation has been secured and sampling will begin in the early part of 1999.

(8) Landfill 14. An EE/CA report, with recommendations for cleanup, has been submitted to the regulatory agencies. The site is scheduled for remedial action that will include removal of hydraulic oil and motor oil drums, deteriorated asphalt drums, and metal-contaminated soil at various hot spots. Contractor mobilization for remedial action is scheduled for May 1999. Although the site is slated for industrial use, cleanup will be performed to residential levels because the difference in cost of the cleanup levels is minimal and the conservative cleanup approach will ensure that there are no concerns about the site in the future.

(9) PCB Storage Area. An EE/CA report, with recommendation for soil cleanup, has been submitted to the regulatory agencies. Remedial action, which includes the removal of approximately 80 cubic yards of PCB contaminated soil, is scheduled to begin in May 1999. Similar to the approach for Landfill 14, a conservative Risk Based Corrective Action Limit (RBCL) for a resident child target group was utilized even though future land use for the site is considered industrial.

(10) Landfills 10 A, B, and C. The site, which covers approximately 27 acres, was used as a concrete batching plant and later for disposal of construction debris. Additional sampling is scheduled for late January 1999 to delineate the boundaries of the site.

(11) Firefighter Training Area 1. The site was used as a firefighter training area between 1945 and 1958. There was no physical evidence revealed during the field investigation to indicate that the site existed at the location identified. The investigation has been completed and analytical results are pending.

(12) Landfill 6. The site covers approximately 6 acres and was operated as a landfill from 1953 to 1954 for disposal of sanitary trash. Soil and soil gas samples have been collected at the site. Debris was found primarily in the top 6 inches of soil and included items such as light bulbs and light stands.

(13) Landfill 8. The removal action, which has been completed, included scraping of asphalt from the ground and removal of drums. Due to excessive debris mixed in with the asphalt, recycling of the asphalt is not possible.

(14) Community Relations. The Information Repositories (IR), located at the University of Guam Library, the Andersen Air Force Base Library, and the Hagatna Public Library, currently houses the MARBO Record of Decision (ROD), the Revised Community Relations Plan, and the MARBO Fact Sheets. In addition to being mailed to RAB members and individuals on the IRP mailing list, the MARBO Fact Sheets were also sent to the UOG Water, Environmental and Research Institute (WERI), delegate Robert Underwood's office, the Bureau of Planning, and the Guam Environmental Protection Agency. A notice of availability (NOA) of the documents was published in the Pacific Daily News to inform the public of the available documents.

d. MARBO Operable Unit

Overall Status. Mr. Jess Torres stated that the fieldwork at MARBO Annex has begun and is expected to be complete by April 1999. Long-term groundwater monitoring will continue and a five-year review of the MARBO ROD is scheduled for March 2003.

Mr. Torres summarized the status of each site and presented a figure showing their locations. A NFRAP has been prepared for Waste Pile 5 and the War Dog Borrow Pit because no chemicals of concern were detected at either site. Several cubic yards of soil containing lead and PCBs are to be removed from the MARBO Laundry site. At Waste Pile 6, removal is being completed for soil and various debris including batteries, battery chargers, asphalt, and asphalt debris. The soil at Waste Pile 7 is to be graded and a soil cover constructed over the areas where COCs were detected. Drums, metal debris, and any contaminated soil are to be removed from Landfill 29.

e. Harmon Annexes Operable Unit

Overall Status. Mr. Torres stated that fieldwork at the Harmon Annexes is continuing and is expected to be complete by February 1999. IRP sites discussed include Harmon Substation, Landfill 23, and Landfill 24.

(1) **Harmon Substation.** A portion of the fieldwork at the site has been completed. Additional fieldwork in the "buried drum area" includes excavation of soils and confirmatory sampling to ensure thorough cleanup of the soil. Plans to temporarily move a GPA utility pole, which is located within one of the clean-up areas, are being coordinated with GPA so that remedial action can be completed.

(2) **Landfill 24.** Field work has begun and includes the removal of contaminated soil, drums containing hazardous wastes, and asbestos-containing pipes.

(3) **Landfill 23.** A NFRAP document has been approved for this site.

3. AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY (ATSDR)

Captain Craig Bias from the Andersen AFB Bioenvironmental office introduced Ms. Amanda Stoddard (a representative from ATSDR) who presented a summary of the Public Health Assessment that ATSDR is to perform at Andersen AFB. Ms. Stoddard stated that the program is mandated to complete a Public Health Assessment at all sites on the National Priorities List (NPL). She said an initial assessment had been completed for Andersen AFB in 1993 and that the human health risk was rated as low. Ms. Stoddard explained that the assessment evaluates whether any hazardous substances may pose a risk to public health. She stated that the assessment would attempt to determine if any exposure pathways existed, and if so, for which substances, and if there was any indication of health problems that could have resulted from exposure. ATSDR would then address any concerns that the community might have regarding such issues. She commented that the assessment does not address ecological issues. Once the assessment is completed, it will be sent to the RAB members and be made available for public comment. When the document is finalized, it will contain the comments and be placed in the repositories for public use. Ms. Stoddard then passed out informational flyers describing the ATSDR program.

4. RAB Orientation Manual

Ms. Poland discussed the RAB Orientation Manual that was passed out earlier to all RAB members. She explained that in addition to information on the Andersen RAB, the manual contains general guidelines regarding Air Force policies for RABs. She presented funding regulations as an example of the type of information the manual provides. Ms. Poland explained that the document has sections where meeting minutes could be filed and that the manual is a growing document. She asked all members to provide any feedback they may have on the document.

5. ACTION ITEMS

a. RAB Membership

Ms. Poland stated that the Base would like to update the 1999 RAB Membership. She expressed concern that RAB meeting attendance has been down and proposed that the RAB

consider revising the RAB Charter. Ms. Poland's proposal included decreasing the RAB meetings to twice a year, changing the meeting night and/or locations, and increasing the number of allowed meeting absences.

Senator Brown suggested that phone calls prior to the scheduled meeting date to RAB members to confirm attendance could be helpful.

Ms. Miclat added that there have been four official resignations which include Nelson Rodriguez (Guam Memorial Hospital), Travis Guevara (Guam Waste Control), Charlotte Dimarucut (Soroptomists), and Vicente Blaz (GEDA). She requested for an official consensus on the resignations. She also stated that Vicente Blaz, the official member for the Guam Economic Development Agency (GEDA), was no longer employed by GEDA. Ms. Miclat said that Melissa Sablan had attended meetings in the past as an alternate for GEDA, but has not responded to any phone calls recently. Ms. Miclat commented that she would attempt to reach GEDA once more to determine if the agency is still interested in maintaining a member on the board. Ms. Miclat will also attempt to reach Daniel Cruz, an individual landowner, to determine if he is interested in remaining a RAB member.

Col McGoldrick requested agreement on the four resignations. A motion was made and seconded to accept the resignations. The resignations of the four members were passed by voice vote. Sen. Brown inquired if thank you letters had been sent to the resigning members. Ms. Poland responded that plaques were given to each of the four members in the past for their participation as RAB members.

Ms. Joan Poland motioned to have Mike Carey, a former RAB member, voted as a RAB member again. Jerry Flores seconded the motion. The motion was approved by voice vote. Mike Carey was then asked to join the other members at the table.

Discussion about a new Community Co-chair then began. A motion was made to have Sen. Joanne Brown continue as Community Co-chair of the RAB. Sen. Brown stated that this is her fourth year as Community Co-chair, that she would remain a member of the board even if she does not continue as Community Co-chair, and that she would like to offer the opportunity to other members of the RAB to serve as Community Co-chair if anyone else is interested in the position. Mr. Iglesias inquired if there were any term limits on the Co-chair position. Ms. Poland responded that there were no limits. Mr. Flores and Mr. Iglesias expressed their appreciation of Sen. Brown's past accomplishment as Co-chair and then stated that they would like to have her remain as Co-chair provided the other members of the board agree. No one objected to the motion. Ms. Poland then responded that absent members would be given an opportunity to suggest other nominees for Co-chair if they like.

Mr. Eddie Artero stated that he had been a member since the formation of the RAB, and although he has missed some meetings, that as an Urunao property owner, he would like to remain a member of the board. Ms. Poland responded that Mr. Artero would remain a member.

Sen. Brown recommended that additional board members be sought from appropriate agencies and offices such as Guam Waterworks Authority (GWA), and GEDA. Sen. Brown stated that she would send letters to GEDA and GWA to encourage the offices to provide representatives to participate on the RAB.

Mr. Jocson and Mr. Artero offered suggestions to solicit members through newspaper and DoD television advertisements. Mr. Tom Churan suggested that rather than advertise for members, the RAB should target members from agencies that deal with issues related to the restoration program.

Mr. Flores inquired if the RAB was adequately represented by the Mayor's offices. Ms. Poland responded that the mayors of Dededo, Yigo, and Mangilao were RAB members but that they have not attended the meetings on a regular basis. Sen. Brown suggested that the RAB send letters to their offices requesting they provide alternate representatives for the meetings when they are unable to attend.

Mr. Flores inquired about whether the meeting would continue on a quarterly basis and if it would be kept on the third Thursday of the month. Ms. Poland responded that it was up for discussion and commented that Eielson AFB RAB now meets only twice a year. Sen. Brown commented that meeting quarterly would prevent members from becoming too far removed from RAB issues. Ms. Poland inquired if all members were in agreement on quarterly Thursday meetings. All members agreed.

The location for RAB meetings was discussed. Mr. Artero requested that if meetings were to be held on the base in the future, that the guard shack at the front gate be given a list of members attending to prevent members from having to go into the Pass and ID office. Ms. Poland and Col McGoldrick responded that due to the Threatcon Alpha security level, it was unlikely that any changes could be made to the current procedures. Ms. Poland commented that she would like to have the next meeting in a hotel. Mr. Flores inquired if the hotels were more convenient than the community centers. Ms. Poland responded that because reservations at the community centers were not guaranteed that hotels were more convenient, but that it was possible to hold meetings at community centers in the future. Sen. Brown offered to have the next meeting at the Legislature Hall in Hagatna.

b. Pipeline Construction

Mr. Iglesias inquired if construction of the pipeline would interfere with any of the ongoing work. Ms. Poland responded that the IRP Program coordinates with the contractors for the pipeline and that it does not interfere. Mr. Churan added that the Base, the contractors, Guam Telephone Authority (GTA), GWA, the Governor's Office, and other agencies hold weekly meetings to coordinate all activities. He stated that interference with road access has been minimal and that 12 of the 16 miles of pipeline burial have been completed. Sen. Brown inquired what is in the pipeline. Mr. Churan responded that the pipeline, which runs from the Andersen AFB Tank Farm to Tiyan, contains JP-8 fuel. Mr. Flores inquired if the pipeline easement would be made available to the public. Mr. Churan responded that he was not aware of any decision on

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public access for the easement. Sen. Brown inquired if leaks from the pipeline would be detectable. Mr. Churan and Col McGoldrick responded that the pipeline is equipped with highly advanced leak technology systems. Mr. Flores inquired about the depth of the buried pipeline. Mr. Churan responded that the pipeline is buried three feet deep.

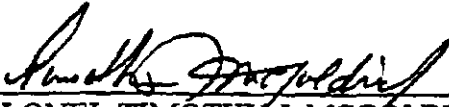
6. PUBLIC COMMENT

There were no comments from the public.

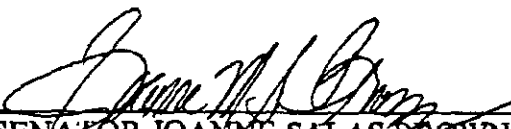
7. ADJOURNMENT

Ms. Poland adjourned the meeting at 8:30 p.m.

APPROVED/DISAPPROVED


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

4 Mar 99
Date


SENATOR JOANNE SALAS BROWN
Community Co-chair
Restoration Advisory Board

March 12, 1999
Date

RESTORATION ADVISORY BOARD

AGENDA
April 15, 1999
6:30-7:30

Guam Legislative Hearing Room
155 Hessler St., Hagatna

1. Review of Old Business: (meeting minutes)**2. Fieldwork Update/Presentation**

- a. Groundwater
Presenter: Mr. Gregg Ikehara
- b. Northwest Field Operable Unit
Presenter: Mr. Gregg Ikehara
- c. Main Base Operable Unit
Presenter: Mrs. Marriane Miclat
- d. Harmon/MARBO Annex Operable Unit
Presenter: Mr. Jess Torres

3. Action Items:

- a. New RAB Membership
- b. RAB Charter Update - signatures
- c. Resignation Certificates/Thank You Letters
- d. AF Communication Mediums – ATV/AF Video

4. Public Comment**5. Adjournment**

DISTRIBUTION LIST

Mr. Victor Wuerch
Mr. Mark Ripperda
Mr. Jim D. Iglesias
Mr. Mark C. Charfauros
Mayor Robert Lizama
Mayor Nonito C. Blas
Mr. Antonio Charfauros
Mr. Francis L.G. Damian
Ms. Melissa V. Sablan
Mr. Edward C. Artero
Mr. Fred Castro
Mr. Daniel A.C. Cruz
Mr. Mike Carey
Mr. John Jocson
Mr. Jerry A. Flores
Mr. Michael J. Gawel
Ms. Julianne T. Duwel
Ms. Charlotte Dimarucut
Mr. Travis Guevara
Mr. Nelson Rodriguez

cc:

Governor Carl Gutierrez
Mr. Jesus T. Salas (GEPA Administrator)

FINAL PAGE

ADMINISTRATIVE RECORD

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