



**ANDERSEN AFB
GUAM**

**ADMINISTRATIVE RECORD
COVER SHEET**

AR File Number 408

**ANDERSEN AIR FORCE BASE
RESTORATION ADVISORY BOARD (RAB)
MINUTES OF MEETING - 15 October 1998
Hilton Hotel, Tumon, Guam**

MEMBERS PRESENT: Col T. McGoldrick - Installation Co-chair
Mr. M. Gawel - RAB Member
Mr. J. Jocson - RAB Member
Mr. J. Iglesias - RAB Member
Mr. F. Damian - RAB Member
Mr. A. Soto - GEPA for RAB Member V. Weurch
Ms. J. Poland - AAFB
Ms. J. Duwel - RAB Member

MEMBERS ABSENT: Sen. J. Brown - Community Co-chair
Mr. N. Rodriguez - RAB Member
Mr. J. Flores - RAB Member
Mr. T. Guevarra - RAB Member
Mr. F. Castro - RAB Member
Mr. M. Ripperda - EPA
Mayor N. Blas - RAB Member
Mayor R. Lizama - RAB Member
Mr. E. Artero - RAB Member
Sen. M. Charfauros - RAB Member
Mr. V. Blaz - RAB Member
Ms. C. Dimarucut - RAB Member
Mr. D. Cruz - RAB Member

PUBLIC ATTENDEES: Ms. M. Miclat - AAFB
Mr. G. Ikehara- AAFB
Dr. J. Rosacker - Booz-Allen Hamilton
Mr. T. Sheldon - AAFB
Mr. B. Thomas - EA Pacific
Mr. T. Ghofrani - EA Pacific
Mr. D. Mercadante - EA Pacific
Lt L. Purul - AAFB
Mr. B. Shambach - EA Pacific
Lt L. Shiff - AAFB
Ms. M. Quenga - WERI
Mr. M. Carey - Public
Ms. A. Loerzel - Public

Colonel Timothy McGoldrick, Installation Co-chair, opened the meeting at 6:40 p.m. Col. McGoldrick thanked the RAB members for attending and noted that RAB member attendance was low, probably due to the gubernatorial debate scheduled in the same hotel at 7:00 p.m. There were not enough members present for a quorum. It was unfortunate that the RAB meeting was scheduled at about the same time but the conflict was unforeseen. Col. McGoldrick stated that the Base will review the RAB meeting minutes to determine potential vacancies resulting from member no-shows. RAB vacancies will be filled in 1999.

1. REVIEW OF OLD BUSINESS

The minutes of the 16 July 1998 meeting were reviewed. Mr. Mike Gawel stated that contrary to the July 1998 minutes, he was present at the previous RAB meeting. The July 1998 minutes will be amended to reflect that Mr. Gawel was present. Ms. Joan Poland will reissue the first page of the July 1998 RAB minutes during the next RAB meeting.

A field trip was requested by RAB members during the previous meeting. The tour was held August 6, 1998. While six - eight people RSVPed, only two RAB members attended the visit.

As requested by the RAB, base-wide maps indicating the locations of the IRP sites were presented to the RAB members.

Mr. Fred Castro inquired about funding to set up a display for public schools on the environmental activities at Andersen AFB. Ms. Poland distributed a fact sheet and brochure on the Technical Assistance for Public Participation (TAPP) program that is a mechanism for obtaining funds for informing the public about environmental programs. Ms. Poland reviewed the TAPP program and believes that Mr. Castro's request is probably ineligible under TAPP guidelines. However, she recommended that the RAB members complete the paperwork process to see if funds could be made available for other RAB requirements.

2. FIELDWORK UPDATE/PRESENTATION

a. Groundwater

Mr. Gregg Ikehara presented groundwater results for the fall 1997 and spring 1998 sampling events. He said that a review of the latest groundwater data indicated results consistent with previous sampling events. Trichloroethylene (TCE) was detected in groundwater samples from three wells on the Main Base and from two wells in the MARBO Operable Unit. The concentrations of TCE in the wells on the Main Base have been consistent over the last six sampling events. Mr. Ikehara pointed out that the concentrations of TCE at the Main Base are low and there are no potable water wells on the Main Base. Water samples collected from monitoring well IRP-31, located in the MARBO Annex, has the highest concentration of TCE. The current trend of TCE concentrations in IRP-31 indicates an increase. However, the TCE detected in groundwater samples in IRP-31 are found near the base of the fresh water lens near the interface between fresh water and salt water. Potable water is not pumped from this depth because the chloride concentrations are elevated and exceed drinking water standards. TCE has



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DEPARTMENT OF THE AIR FORCE
PACIFIC AIR FORCES

MEMORANDUM FOR SEE DISTRIBUTION

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

SUBJECT: Meeting Minutes for 15 Oct 98 Restoration Advisory Board (RAB) Meeting

1. The Andersen Air Force Base RAB Meeting Minutes for 15 Oct 98 is forwarded for your review as attachment 1. The next quarterly meeting is scheduled for 21 Jan 99 at the Andersen Air Force Base Civil Engineer Conference Room, Building 18001. A map and agenda for the next meeting are provided as attachments 2 and 3, respectively. The meeting will begin promptly at 6:30 p.m. Please remember to bring the attached meeting minutes to the meeting.

2. Should you have any 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 Minutes
2. Map
3. Agenda
4. Distribution List

not been detected in groundwater samples from nearby water supply wells that are screened at shallower depths of the Northern Guam Lens. Mr. Gawel asked if TCE is denser than water and Ms. Duwel asked what the maximum contaminant level (MCL) for TCE is. Mr. Ikehara explained that TCE is denser than water and will sink within the aquifer. He believes that the TCE found in IRP-31 is a residual concentration dissolved in the aquifer and that there is not a dense non-aqueous phase liquid source of TCE in the vicinity of the well. Also, the MCL for TCE is 5 parts per billion and the concentration of TCE found in samples collected from IRP-31 exceed the MCL. Mr. Ikehara informed the RAB members that the next sampling round began the week of October 12, 1998.

b. Northwest Field Operable Unit

Mr. Ikehara discussed the status of IRP Sites 21 (Landfill 26), 17 (Landfill 22), and 31 (Chemical Storage Area 4).

(1) Landfill 22. Landfill 22 was reportedly used for sanitary trash and unknown quantities of unexploded ordnance (UXO) and black powder. A detailed site inventory has been completed. The study area was expanded to include an area with mounds located between the runway and the quarry. Inert UXOs, other explosive waste (OEW), and metallic debris has been observed at Landfill 22. The next phase of field activity will be a geophysical survey. In response to Mr. Gawel's question, Ms. Poland stated that the Northwest Field property may be used for training exercises. Therefore, there are no plans for developing the site. Mr. Gawel asked if there are endangered species within the area of the site. Mr. Ikehara said that there are no endangered species on the site and that a U.S. Fish and Wildlife consultation was evaluated prior to the fieldwork to ensure that endangered species such as the Mariana Crow are not disturbed by fieldwork. Mr. Gawel asked if any information on locations of endangered species was presented to the other agencies or organizations. Ms. Poland explained that other organizations are made aware of the IRP sites and information on sensitive environments and endangered species are communicated to other groups such as the Guam Department of Aquatic & Wildlife Resources.

(2) Landfill 26. The field investigation is complete and a No Further Response Action Planned (NFRAP) report will be submitted to the agencies.

(3) Chemical Storage Area 4. Metals and polycyclic aromatic hydrocarbons (PAHs) were found in "hot spots" at concentrations above risk-based corrective action levels. An Engineering Evaluation/Cost Analysis (EE/CA) report recommending a minor soil cleanup is being prepared. Remedial action is planned at this site for fiscal year 1999.

(4) Landfill 21. Remedial action is planned at this site for fiscal year 1999. Currently an EE/CA report is being prepared.

(5) Waste Pile 4. Fieldwork is completed. A NFRAP document will be submitted to the agencies.

(6) Ritidian Point Dumpsite. Fieldwork is anticipated to begin during fiscal year 1999. This is the only site left at Northwest Field to be investigated.

(7) Overall Status. The Base has nearly completed the site assessment field activities at IRP sites in the Northwest Field with only the Ritidian Point site left to assess. Mr. Ikehara discussed how Andersen AFB has participated with other agencies and the community. The Base has actively provided input to projects such as the Northern Guam Watershed (NRCS), Water Planning Committee (GEPA), Drought Response and Water Utilization (GovGuam) and Guam Hydrologic Survey (WERI/UOG).

c. Main Base Operable Unit

Ms. Marianne Miclat discussed field activities being conducted at the Main Base. Ms. Miclat stated that there are 23 IRP sites on the Main Base. IRP sites discussed include Drum Storage Area 1 and 2, Hazardous Waste Storage Area 1, Waste Piles 1 and 2, Landfill 14, Firefighter Training Area 1, Landfill 10, Landfill 6, PCB Storage Area, and Landfill 2.

(1) Hazardous Waste Storage Area 1. Based on the results of the fieldwork performed at the site, a NFRAP report will be submitted to the GEPA and the USEPA.

(2) Drum Storage Area 1. The site is active and used by the Red River Waste Management Company for storage of trash dumpsters. The site will be removed from the IRP and investigated by Andersen AFB as a solid waste management unit under the RCRA program.

(3) Drum Storage Area 2. The site, called the lower Civil Engineer (CE) yard, is used for the storage of construction materials such as backfill soil, wood, concrete utility poles and used equipment. Similar to Drum Storage Area 1, the site will be removed from the IRP and investigated by the Base as a potential RCRA site. The necessary environmental assessment will still need to be coordinated under the RCRA Program.

(4) Asphalt Project (Waste Piles 1 & 2). Approximately 3,000 drums of asphalt have been recovered of which over 2,000 have been turned over to the Department of Public Works (DPW). The Air Force is awaiting analytical results for the remaining drums prior to turning them over to DPW. Other asphalt continues to be processed for reuse.

(5) Landfill 7. Fieldwork identified one landfill trench beneath the site. Sanitary debris, as well as assorted fill debris, was found in the trench. Most of the analytical results have been received and a risk assessment will be performed to determine if a risk-based cleanup is required for the site.

(6) Landfill 2. Most of the field investigation has been completed; however, additional funding is required to complete the field investigation. More trenches were found during the investigation than were identified in the work plan. The Air Force is seeking additional funding to complete the field activities.

(7) Landfill 14. An EE/CA report for the site will be submitted to the agencies. Remedial action for soil removal is expected to begin in Fiscal Year 1999. Although land use is considered industrial, cleanup will be performed to residential levels. The risk-based cleanup level (RBCL) established in the EE/CA is more conservative; the established RBCLs are for a target group of residential child. The Air Force has decided to go with the more conservative cleanup approach to ensure that there will be no further concerns about the site in the future. In addition to soil remediation, the Base is recommending reclamation of asphalt drums and removal of hydraulic oil and motor oil drums from the site.

(8) PCB Storage Area. An EE/CA report with recommendation for soil cleanup will be submitted to the agencies. Similar to the approach for Landfill 14, a conservative RBCL for a resident child target group was utilized even though future land use for the site is considered industrial. Mr. J. Iglesias asked who determines the land use. Ms. Poland responded that land use is determined by base planning. For most properties at the Main Base, the land use is industrial. Properties in the Harmon Annex, scheduled for turn over to the Government of Guam, are considered residential and cleanup goals are set to a conservative level because the properties will be transferred. Remedial action is anticipated to begin in Fiscal Year 1999.

(9) Landfill 10. The site has three parts: Landfills 10A, 10B and 10C. Reportedly, the site was used for disposal of construction debris. There is no evidence of hazardous waste materials having been stored on the site. A concrete batching facility is suspected to have been in operation at the site during the 1960s. Initial fieldwork has been completed and the Air Force is waiting for the analytical results.

(10) Firefighter Training Area 1. The site is reportedly located beneath a building currently being used as a vehicle storage area. The site was originally used as a firefighter training area between 1945 and 1958; however, there is no physical evidence that the site existed at the location identified. Fieldwork completed to date includes detailed site inventory and installation of soil/gas points. Soil/gas samples are being collected and analyzed to determine if volatile organic compounds are in shallow soil.

(11) Landfill 6. The site is approximately 8 acres and was operated as a landfill from 1954 to 1955. Sanitary trash was reportedly disposed of at the site. Field investigation has not yet begun, but the focus of the investigation will be to determine whether a landfill existed and if hazardous materials were disposed of on the site.

(12) Landfill 8. The site contains asphalt, some of which are in drums. The asphalt will be processed for recycling. After the asphalt has been removed, soil samples will be collected to confirm that the site is cleaned up.

d. MARBO Operable Unit

Overall Status. Ms. Poland stated that the fieldwork associated with remedial action that was scheduled to begin in October has not yet begun. Currently, the Air Force is preparing a work plan memorandum and is obtaining the necessary approvals to start remediation. Initial

clearing of the site and mobilization should begin in late-November or early-December. Remedial action for the MARBO sites will likely begin in January. Ms. Poland distributed copies of the Record of Decision (ROD) to RAB members.

e. Harmon Annex Operable Unit

(1) Harmon Substation. Ms. Poland explained that remedial activities continue at the site. Mr. Gawel asked where the site is located and Ms. Poland informed him that the site is behind the substation, across from the Micronesia Mall. The Air Force has removed a 20,000-gallon oil-water separator and collected soil samples beneath the oil-water separator. Any hazardous waste materials found will be transported off-island for disposal. Also, drums and soil from the drum storage area on the site have been excavated. Excavation of soil at the buried container area will begin during the week of 19 October 1998.

(2) Landfill 24. Remedial action to remove hot spots will be started after completion of the work at the Harmon Substation.

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

(4) P.L. 103-339 Areas of Concern (AOCs). Ms. Poland stated that cleanup activities at the Camp Edusa AOC have been completed. Upon regulator approval of the cleanup effort, the Camp Edusa parcel package will be submitted to HQ PACAF. In addition, the Harmon Annex AOCs are in the process of being cleaned up.

3. ACTION ITEMS

Attendance Record. Ms. Poland will re-distribute the first page of the July RAB minutes to reflect the change that Mr. Gawel was in attendance during the meeting.


4. PUBLIC COMMENT

There were no comments from the public.

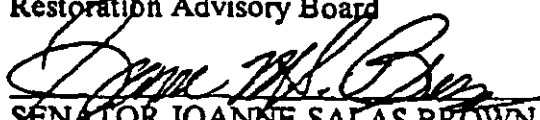
5. ADJOURNMENT

Col. McGoldrick thanked everyone for attending and informed the RAB members that the Base would like input from them to determine when the best time would be for each member to attend the meeting and whether the meeting frequency should change. The board had agreed to hold the meeting on the third Thursday of each quarter, but attendance has been dwindling. The next meeting will be announced to the public after a suitable day for the majority of RAB members is determined. Tentatively, the next RAB meeting will be held at Andersen AFB on January 21, 1999. The meeting was adjourned at 7:30 p.m.

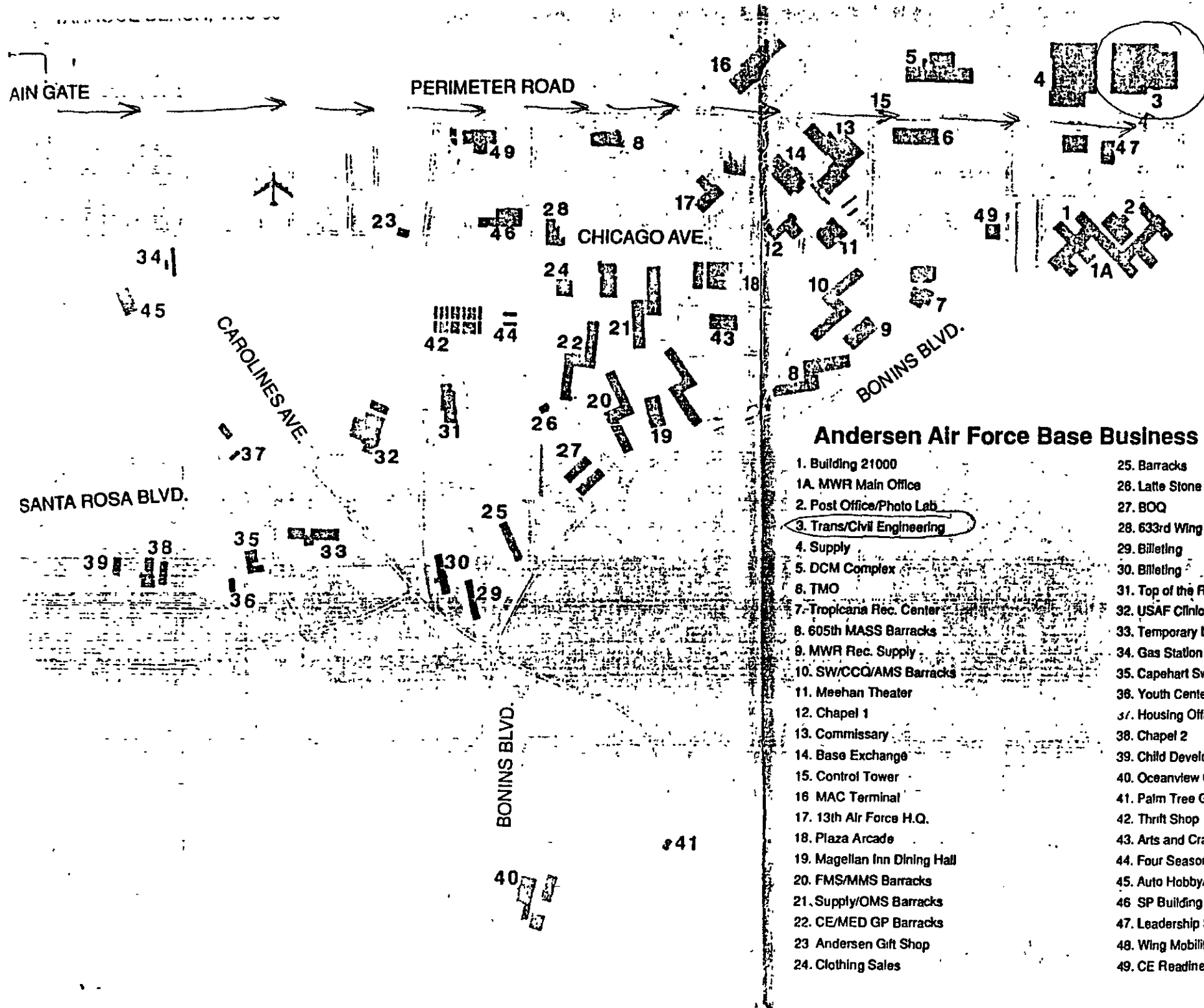
APPROVED/DISAPPROVED


COLONEL TIMOTHY MCGOLDRICK
Installation Co-Chair
Restoration Advisory Board

4 Jan 99
Date


SENATOR JOANNE SALAS BROWN
Community Co-Chair
Restoration Advisory Board

Jan 6, 1999
Date



Andersen Air Force Base Business Map

- | | |
|------------------------------|---------------------------------|
| 1. Building 21000 | 25. Barracks |
| 1A. MWR Main Office | 26. Little Stone Drive-In |
| 2. Post Office/Photo Lab | 27. BOQ |
| 3. Trans/Civil Engineering | 28. 633rd Wing H.Q. |
| 4. Supply | 29. Billington |
| 5. DCM Complex | 30. Billington |
| 6. TMO | 31. Top of the Rock |
| 7. Tropicana Rec. Center | 32. USAF Clinic |
| 8. 605th MASS Barracks | 33. Temporary Lodging Facility |
| 9. MWR Rec. Supply | 34. Gas Station |
| 10. SW/CCO/AMS Barracks | 35. Capehart Swimming |
| 11. Meehan Theater | 36. Youth Center |
| 12. Chapel 1 | 37. Housing Office |
| 13. Commissary | 38. Chapel 2 |
| 14. Base Exchange | 39. Child Development |
| 15. Control Tower | 40. Oceanview Conference Center |
| 16. MAC Terminal | 41. Palm Tree Golf Club House |
| 17. 13th Air Force H.Q. | 42. Thrift Shop |
| 18. Plaza Arcade | 43. Arts and Craft |
| 19. Magellan Inn Dining Hall | 44. Four Seasons/Toyland |
| 20. FMS/MMS Barracks | 45. Auto Hobby/Car Care Center |
| 21. Supply/OMS Barracks | 46. SP Building |
| 22. CE/MED GP Barracks | 47. Leadership School |
| 23. Andersen Gift Shop | 48. Wing Mobility |
| 24. Clothing Sales | 49. CE Readiness |

RESTORATION ADVISORY BOARD**AGENDA****January 21, 1999****6:30-7:30**

**Andersen Air Force Base, Guam
Civil Engineer Conference Room, Building 18001**

- 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/Community Relations Activities
Presenter: Mrs. Marriane Miclat
 - D. Harmon/MARBO Annex Operable Unit
Presenter: Mr. Jess Torres
 - E. ATSDR Presentation
- 3. Action Items: Update 1999 Membership List**
- 4. Public Comment**
- 5. Adjournment**

AAFB RESTORATION ADVISORY BOARD MEMBERS

Daniel A.C. Cruz
 Fred Castro
 Julianne T. Duwel
 Charlotte Dimarucut
 Senator Joanne M.S. 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
 Gregg Ikehara
 Jess Torres
 Marriane Miclat

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