



**KELLY AFB
TEXAS**

**ADMINISTRATIVE RECORD
COVER SHEET**

AR File Number 1154

Kelly Air Force Base Restoration Advisory Board Meeting

April 7, 1998 6:00 p.m.

Dwight Middle School

Members/Alternates present:

Brig. Gen. Leroy Barnidge, Jr.,
 RAB Installation Co-Chair
 Mr. Edward Weinstein
 Dr. Gene Lené
 Mr. Allan Posnick (Mr. Beyer's alt)
 Ms. Camille Hueni
 Mr. George Rice
 Mr. Juan Solis, Sr.
 Mrs. Dominga Adames
 Ms. Annalisa Peace

Mr. Damian Sandoval
 RAB Community Co-Chair
 Mr. David Johnson (Mrs. Johnson's alt)
 Mr. Larry Hoffmann
 Mr. Willie Jones, Jr.
 Mr. Armando Quintanilla
 Mr. Sam Sanchez
 Mr. Mark Puffer
 Mr. Sam Murrah

Members Absent Without Alternate:

Mr. Paul Roberson
 Mr. Allan Hagelthorn
 Mr. Carl Mixon

Mr. Nicolas Rodriguez, Jr.
 Mr. Paul Person
 Mr. John A. Jacobi

Item I: Call to Order

Meeting was called to order at 6:08 p.m., by Brig. Gen. Leroy Barnidge, Jr., RAB Installation Co-Chair.

Item III: Administrative Topics

- A. In response to an Administrative Subcommittee request for more information on the RAB, Ms. Mary Kelly, Kelly AFB Legal Office, gave a brief description of information placed in the RAB members' packets at the request of the Administrative Subcommittee. The information included a member list, a copy of the current charter and of the proposed revised charter, official RAB guidance from DOD and a copy of the RAB law.
- B. RAB members present introduced themselves.
- C. Mr. Sandoval discussed briefly actions occurring since the last RAB meeting.
 - 1. Improved organization of Kelly AFB documents at the Library.
 - 2. TRS development of a summary groundwater contamination map.
 - 3. Modification of agenda and seating arrangement to improve RAB meeting format.
 - 4. Posterboard session held before RAB meetings.
 - 5. Movement toward obtaining a Technical Assistance for Public Participation program grant.
- D. Minutes from Jan 28 RAB meeting were approved without change.
- E. Minutes from 26 Feb RAB meeting were approved without change.

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Item II: Community Statements

A. The Chair called for comments from members of the public who wished to address the RAB.

1. No persons offered comments.

Item III: Subcommittee Reports

A. Technical Subcommittee (TRS) Reports. Before the presentations the General lauded the work being performed by the TRS.

1. Capt. Tom de Venoge, Kelly AFB, reported on the most recent Technical Review Subcommittee meeting. He presented an overview of the Summary Groundwater Contamination Map. He said he considers the map to be one of the TRS's successes. (See attached slides).
2. Mr. Sandoval said there are several upcoming key milestones that require RAB and public input. One such milestone is the Zone 4 Focused Feasibility Study, which is undergoing public comment now. He said the TRS has developed comments, which he would like the RAB to adopt and submit to the Air Force. (See attached memo.)
3. Comments:
 - Mr. Sam Murrah said subsidence is not necessarily caused by extracting water from the aquifer. It is usually caused by a change in vegetation. Mr. Sandoval suggested he write the comment out and submit it to the Air Force.
 - Mr. Armando Quintanilla said Kelly is currently pumping and treating 1 million gallons of water a day and dumping it into Leon Creek. He said that is a waste of money and the water should be put back into the aquifer.
 - Ms. Annalisa Peace said she would like the TRS to consider the possibility of offsetting discharge in connection with drought management at its next meeting.
 - Brig Gen. LeRoy Barnidge said the RAB should submit the comments to the Air Force as they are currently written. Any additional comments may also be submitted. Comments are due by 11 April 1998.
4. The next TRS meeting was set for April 21 at St. Mary's University.

B. Administrative Subcommittee Report

1. Ms. Annalisa Peace gave the report of the Administrative Subcommittee. The subcommittee requested that the RAB vote on how often to hold meetings—six times per year or four times per year. She moved for the RAB to vote on changing the frequency of meetings to six times per year.
2. Discussion
 - Mr. Larry Hoffmann asked if there was a specific reason for holding six meetings per year. Ms. Peace said with quarterly meetings, there always seemed to be too much on the agenda to cover. More frequent meetings would allow the RAB to cover more information.
 - Mr. Sam Sanchez, San Antonio Metropolitan Health District, speaking against the motion, said the TRS meetings are very productive. Much of the technical work that is not necessary at RAB meetings is done in those meetings.
 - Mr. George Rice said RAB members don't get enough time to speak in quarterly meetings. He said he supports meeting six times per year.
 - Gen. Barnidge said the TRS is the workhorse of the RAB. He said quarterly RAB meetings cost less, and he believes the RAB meeting schedule can work very well with regular quarterly meetings and occasional out-of-cycle meetings for

special circumstances. Mr. Sandoval agreed. He said the TRS has been able to tackle tough technical issues. He said the quarterly RAB meetings should be used to report on what has been done and what the subcommittees recommend. He recommended quarterly RAB meetings, monthly TRS meetings and out-of-cycle RAB meetings as required.

- Mr. Rice asked what would be the procedure for calling an out-of-cycle meeting. Gen. Barnidge suggested that requests be made at RAB meetings or by contacting either of the Co-Chairs.
3. Vote was taken on the previous motion for six RAB meetings. Motion failed 5-8.
 4. A motion was made to schedule quarterly RAB meetings, with monthly TRS meetings and out-of-cycle meetings as required. Motion passed 10-3.
 5. Next two meetings were set for July 15 and October 21.

C. National RAB Caucus Report

1. Mr. Quintanilla gave a report on the national meeting he attended in Phoenix in January 1998. Mr. Quintanilla explained that he did not attend the Defense Environmental Restoration Task Force Conference, but attended the National Caucus of RAB Members, held in Phoenix immediately prior to the DERTF Conference. The Caucus meeting provided guidance for RAB members throughout the country. He said his attendance at this meeting was financed by one of 25 scholarships given by the Caucus. He summarized the topics discussed during the two-day conference. See attached slides.
2. Discussion:
 - Mr. Rice asked if "dirty land transfers" were occurring at Kelly. Mr. Quintanilla said that it might be the case here. Alan Posnick, TNRCC, said he saw no evidence of such transfers occurring at Kelly, nor did he see any indication that they would occur at Kelly. He said that as long as a final cleanup system is in place and shown to be successful, it meets the requirements of the law. Mr. Rice asked if the requirement was that the area will be cleaned up to standards before it is transferred. Mr. Posnick said the standard need not be achieved; however, the state must be satisfied the cleanup system will achieve cleanup goals.
 - Mr. Juan Solis said it appears the standard has changed from the former requirement that the land must be clean before it can be transferred. He said people fear the Air Force will walk away from the problem without cleaning it up. Mr. Posnick said the rules have changed to facilitate faster land transfer. But he said that does not lessen the Air Force's responsibility to clean up all the contamination it caused. Even if contamination is discovered after transfer, if it was caused by the Air Force, the Air Force is responsible for it. He said the Post Closure Care permit will ensure the Air force is responsible.
 - Mr. Rice said he was concerned that the Air Force will blame the new commercial tenants for any contamination found in the future. He said since the future industrial tenants will use the same chemicals found in the groundwater, it will be difficult to prove who is responsible.
 - Ms. Camille Hueni, EPA, said that under the law, contaminated soil must be cleaned up before the land can be transferred. For groundwater, land can be transferred when a cleanup system is in place and operating successfully.

A short break was taken.

Item IV: Cleanup Schedule for FY98

A. Capt. de Venoge reviewed the cleanup schedule for FY 98. See attached slides.

1. Discussion:

- Mr. Quintanilla asked when off-base cleanup will begin for Zone 3. Capt. de Venoge said a decision has not been made yet. He expected a system to be in place by 2001.
- Mr. Sandoval asked if the RAB can get a list of upcoming documents. Capt. de Venoge said he would provide a list.

Item V. New Off Base Monitoring Wells

A. Mr. Joe Ebert, Kelly AFB, gave a presentation on the locations of new off-base monitoring wells. He said the wells are necessary to define the eastern and southern extent of the SS-040/SS-051 plume. He said wells will be placed about 800-1,000 feet apart extending to 10,000 feet from the base boundary. The wells will extend east of Interstate 35. The wells will be installed starting in late April.

1. Discussion:

- Mr. Rice asked if more wells will be installed in the Zone 3 area. Mr. Ebert said he did not know, but he will get him an answer.

Item VI: Results-Health District Well Study

A. Mr. Sanchez gave a short briefing on the results of the San Antonio Metropolitan Health District's water survey. The District's staff sampled 62 residences, businesses, schools and day care centers in the area of the contamination and found no chemicals in the drinking water. They also tested 28 private wells. Only three were in use. None showed any contamination. Bexar Metropolitan Water District also sampled their distribution wells. They also showed no contamination. He said the District is still looking for additional wells and will sample those as they are found.

B. Discussion

1. Mr. Rice asked for the analytical data. Mr. Sanchez said it is available at his office. Mr. Sandoval asked that Mr. Sanchez provide the data at the next TRS meeting.

Item VII: 28 Jan 98 RAB Issues - Responses/Answers

A. Communicating with CEJA: Requester - Gen. Barnidge / Action - Mrs. Adames

- 1. Ms. Dominga Adames said she believes CEJA is satisfied with how the RAB is operating. No further action needed at this time.

B. Disestablishments of RABs: Requester - Mr. Quintanilla/ Action - Gen. Barnidge

- 1. Gen. Barnidge said that no guidance for RAB disestablishment exists at this time and that DoD plans to gather public input before issuing any such guidance..

C. City/County Forum Highlights: Action - Mr. Sandoval and Gen. Barnidge

- 1. Gen. Barnidge said the sessions were very successful with good coverage in news media. Another public forum is scheduled for June.

D. Quintana Road Project Permit: Requester - Mr. Quintanilla/ Action - Gen. Barnidge

- 1. Mr. Quintanilla had asked if the work going on at Quintana Road with the drainage project requires a permit. He was told it does not. The work done does not require a

permit under any law. Waste water and soils generated at the site will be treated and disposed of under Kelly's current permit.

2. Mr. Quintanilla asked if the Post Closure Care permit will cover off-base cleanup. He said he does not believe it does. Gen. Barnidge asked Mr. Posnick to give a full report on the permit's provisions at the next meeting. He also asked TNRCC to provide a written response regarding the permit.
- E. Quintana Road Project Soil Samples: Requester - Mr. Johnson/Action - Gen. Barnidge
1. Gen. Barnidge said soil samples from the Navarro Clay will be taken during the construction of the drainage project.
- F. List of Interim Remedial Actions in Place: Requester - Mr. Sandoval/Action - Gen. Barnidge
1. A list of current IRAs was provided in the member packets. (See attached.)
 2. Mr. Rice asked if any IRAs are located off base. Mr. Mike McGhee, Kelly AFB, said no IRAs are off base. They are on base because that's where it makes sense to do them. IRAs are not intended as a final remedy. They are intended to keep a problem from worsening while a final remedy is being selected and designed. It is simply easier for the base to construct on-base IRAs than to go off base to do it. He said this in no way means that off-base cleanup is being ignored.
 3. Mr. David Johnson said people are concerned that natural attenuation will be used to clean up the neighborhoods. He wants to see what technologies are being considered for cleaning up the off-base areas. Gen. Barnidge said this information does not exist because we have not yet reached that point in the process. That information will be made available to everyone in the Feasibility Studies. Gen. Barnidge said these issues, and others coming down the road, will be handled by the TRS. He suggested the TRS decide how to handle the documents as they come. He said a schedule will be provided to assist the TRS in planning.
- G. RAB Member Risk Assessment Training: Requester - Ms. Peace/Action - Gen. Barnidge
1. Gen. Barnidge said Risk Assessment training is available to RAB members. He said Brooks AFB has offered a Saturday in May (3-4 hours). It is free. Mr. Rice asked if RAB members can receive training on Risk-based cleanups.
 2. Mr. Sandoval said the rules may be changing. Mr. Johnson said it would be valuable to know the rules now so we can see how the proposed rules are different. Mr. Posnick said TNRCC is hosting a conference in Austin, at which a workshop will be held to discuss the changes in the rules. This will be held May 5 at the Austin Convention Center. He said he will try to get interested RAB members fee waivers to attend the workshop.

Item VIII: New Business

A. Special RAB Meeting.

1. Mr. Sandoval said he would like to hold a special RAB meeting to discuss how the RAB operates. He thinks the RAB needs to look at itself critically to decide if members are doing what they are supposed to be doing, if are they on track to achieving their goals, and what they need to change to get there. He proposed this meeting for May 11, at 6 p.m., at Bldg. 1680 on base. The special RAB meeting will be closed.

- Mr. Sanchez suggested an outside facilitator may be helpful at this meeting. The Co-chairs agreed and said they will find a no cost facilitator.
- Mr. Rice asked for information on how other RABs operate. Mr. Quintanilla said he would look into getting that information.

B. TAPP Application.

1. Mr. Sandoval said instruction on how to apply for and use the TAP program will be given at the next TRS. Gen. Barnidge said this is important. To his knowledge, the Kelly AFB TAPP is the first to be done in DOD. DOD wants to do the program well. Kelly will be used as a model for the TAPP program at other bases.

C. Mr. Rice had three items of new business.

1. He asked when he would again be allowed access to documents on base. Gen. Barnidge said he will let him know soon.
2. He reported that the well drilled at Mr. Quintanilla's residence produced contaminated water, despite prior Air Force claims that the water would not be contaminated. He said the Air Force's contractor stated that the contamination is not from Kelly. He said the statement sets a pattern that could be bad for the city. Because the subject of Mr. Rice's comment directly involves ongoing litigation against the Air Force, the base had no comment on Mr. Rice's statement.
3. He asserted that contamination from Kelly has reached the Edwards Aquifer and Kelly knew about it. He said the Air Force found contamination in a well in 1988. The well has since been plugged, but Kelly has constantly stated that contamination cannot enter the Edwards Aquifer. He said he now knows it has, and that "Kelly knew it."

Item IX: Community Comments

- A. Rev. Gene Shepherd, AARP Chapter President, said seniors are concerned about the how far the contamination goes to the south. He asked that a survey of the areas south of the base be done to see what's there.
- B. Ms. Tanya Huerta asked where the water from the shallow aquifer naturally discharges. She also commented that she believed the vote taken in the TRS violated the Texas Open Meetings Act. In response to Ms. Huerta's statement, Ms. Kelly said that the RAB is not subject to the Open Meetings Act, but the Air Force generally tries to comply with the policy and intent of the law, whenever possible and practical. Mr. Quintanilla said the secret meetings cause people not to trust the RAB. Gen. Barnidge said the meetings are not secret, but are not advertised because of short notice. Minutes are available for anyone who wishes to read them.

Item X: Next RAB Meeting

- A. The next meeting is scheduled for Wednesday July 15, 1998, at 6 p.m. at Dwight Middle School. (Pending School Approval)
- B. Agenda/ Action Items
 1. Agenda Items:
 - Ms. Peace asked that the RAB invite Dr. Marvin Legator to give a presentation to the RAB regarding the community health study at a future meeting. Mr. Sandoval said he would contact Dr. Legator and invite him.

- Ms. Hueni suggested presentations on remediation plans be given to the TRS at the 30 percent design stage.
 - Mr. Quintanilla said Mr. Sam Goodhope of the Office of the Attorney General of Texas would be willing to come make a presentation to the RAB about how other RABs work.
 - Mr. Sanchez said the meetings are still too long. The agenda needs to be streamlined. He said people won't come because the meetings are too long.
2. Action Items/ Action Officer
- Mr. Quintanilla asked for a copy of the Zone 3 Record of Decision. Mr. Quintanilla/ Air Force
 - Mr. Rice asked if the Air Force intends to define the contamination south of Mr. Quintanilla's house. Mr. Rice/ Air Force
 - Further delineation of Zone 3 off base - progress report. RAB/ Air Force
 - Holding TRS meetings on the south side - City's Fire Training Facility. Mr. Quintanilla/ Mr. Sandoval
 - Better advertising of TRS meetings. RAB/ Gen. Barnidge
 - When will the Air Force have a remedial action in the Quintana Road neighborhood and other off base areas (zone 3)? Mr. Rice/ Gen. Barnidge
 - List of upcoming anticipated documents and dates. RAB/Air Force
 - San Antonio Metropolitan Health District sampling data. Mr. Rice & TRS/ Mr. Sanchez
 - Any additional information on permit for the Quintana Road project. Mr. Quintanilla/ Mr. Posnick
 - Written statement on no requirement for a permit and does the plume extent change or effect the R.O.D. Gen. Barnidge/ Mr. Posnick, TNRCC
 - When did off base sampling begin? Ms. Peace/ Air Force
 - Set up Risk Assessment Training before next Risk Assessment. RAB/ TRS & Air Force
 - TNRCC Risk Reduction training fee waivers for RAB delegates. RAB/ Mr. Posnick,
 - Getting a facilitator for upcoming special meeting. RAB/ Gen. Barnidge, Mr. Posnick, Ms. Hueni
 - Confirm TAPP for TRS meeting. RAB/ Air Force

The meeting was adjourned at 9:36 p.m.

Motions/Resolutions

A. Motions

1. Motion was made to approve the Jan. 28, 1998 minutes.
 - Approved by a show of hands.
2. Motion was made to approve the Feb. 26, 1998 RAB minutes.
 - Approved by a show of hands.
3. Motion to hold 6 RAB meetings a year.
 - Failed 5-8
4. Motion to hold RAB meetings quarterly.
 - Approved 10-3
5. Motion was made to set July 15 and Oct 21 as the next two quarterly meetings.
 - Not voted on; withdrawn.

6. Motion that RAB adopt and submit attached TRS comments as the RAB's advice and counsel on the Zone 4 FFS - to DOD - - Kelly AFB

- Passed unanimously

8 Attachments (Provided at the meeting to all RAB members.)

1. Fact Sheet, IRP Zone 4 Interim Remedial Action for Contaminated Groundwater
2. TRS Comments on Zone 4 FFS
3. National Caucus of RAB Community Members- 25-26 Jan 98
4. List of Current IRP Sites with Interim Remedial Actions in Place

Kelly Facts

San Antonio
Air Logistics Center
Kelly AFB, Texas



Environmental Management Director
307 Tinker Dr., Bldg. 306 Kelly AFB, TX 78241 (210)925-3

Zone 4 Interim Action Proposed Plan

March 1998

San Antonio is home to Kelly AFB, the first military air installation in Texas. Commissioned in 1916, the base began maintaining military aircraft in 1921, a mission that continues today.

In 1976, the Air Force instituted the Installation Restoration Program. Its purpose was to investigate and clean up old hazardous waste sites at bases throughout the country, including sites at Kelly. Investigations began at Kelly in 1982.

These and later investigations, determined leaking industrial waste lines at East Kelly were the primary source of contamination in the area now called Zone 4.

From the 1940s to the mid-1970s, engine repair facilities at East Kelly used a collection system to transport chemical wastes to a central location for disposal. Over the years, this network of underground pipes leaked, contaminating soil and shallow underground water in the area. The impacted water has moved off base and is continuing to spread into areas south and east of East Kelly.

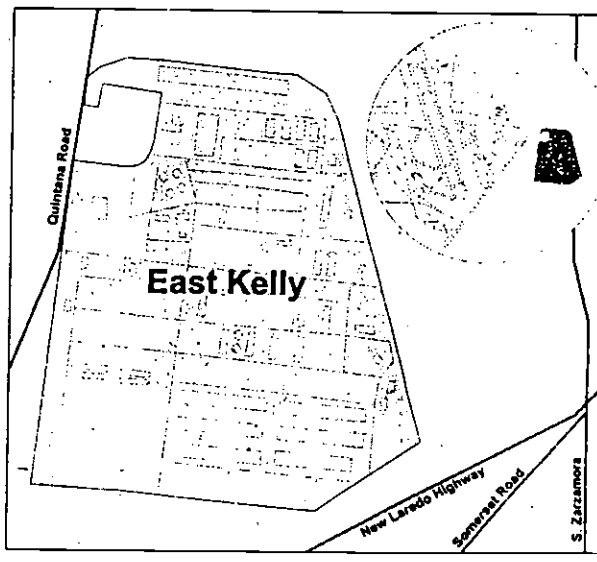
The plan outlined in this fact sheet is the Air Force's proposed interim action to control the flow of the shallow underground water moving off base. The Air Force will present final plans to clean up the remainder of Zone 4, including off-base contamination, at a later date.

Si le gustaría una traducción del texto en Español, por favor llame a Dick Walters, al teléfono 925-3100, ext. 338.

Why clean up?

The contaminated groundwater on and around East Kelly does not pose a health risk to people living and working in the area. Drinking water for nearly everyone living in the area is supplied by Bexar Metropolitan

The Air Force is seeking comment March 1 through April 1 on a plan to control the flow of the shallow underground water moving off base. This publication summarizes the plan and tells how to submit comments.

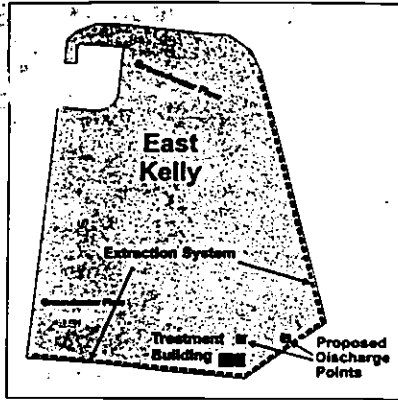


Water District, which draws its water from the Edwards Aquifer. Because it is separated from the contamination by more than 1,000 feet of clay and rock.

The shallow aquifer is contaminated with chemicals that leaked or were spilled at Kelly. While no one is known to be drinking contaminated water, several residents have wells, which they use for irrigating gardens and watering lawns. Kelly is currently testing these wells, as well as any others they find, to ensure the water is safe to use.

In addition, the State of Texas establishes the acceptable levels for cleanup. Therefore, the Air Force is required by law to clean up the water to the safe drinking water standard.

The Proposal



The proposed cleanup plan summarizes the options available to stop or reduce movement of contaminated shallow underground water beyond the base boundary. The plan addresses two sources of contamination: a former industrial wastewater collection system pipeline on East Kelly, and an area on main Kelly AFB where two metal plating

shops were located.

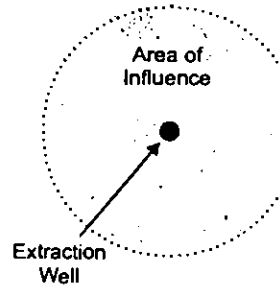
The proposed plan represents only the first step in controlling and cleaning up contaminated groundwater in the areas near East Kelly. It is not intended to be the final cleanup for the area. Other actions to clean up source areas on base and contaminated groundwater off base are currently being evaluated and will be proposed at a later date.

Meanwhile, capturing water before it leaves the base would prevent the off-base contamination from worsening. This would make future cleanup of the off-base areas easier and faster.

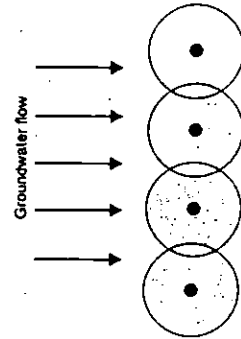
This interim cleanup system is estimated to cost about \$6 million to complete. Kelly officials expect to have it in place and operating by September 1999.

The plan proposes to install a groundwater extraction system that would extend along nearly all the southern and eastern boundaries of East Kelly. This extraction system would consist of a combination of extraction wells

An extraction well pulls in water from all around it. How much water depends on the size of the well, the strength of the pump and the surrounding geologic conditions. These factors determine what is called the Area of Influence. Simply, any water in the area of influence will be drawn into the well.



By placing wells in such a way that their areas of influence overlap, engineers can capture nearly all the groundwater that passes by. Placement of the wells will be determined in the field, where they can accurately test conditions to ensure they are placed in the best location.



and collection trenches designed to remove or capture contaminated water before it leaves the base.

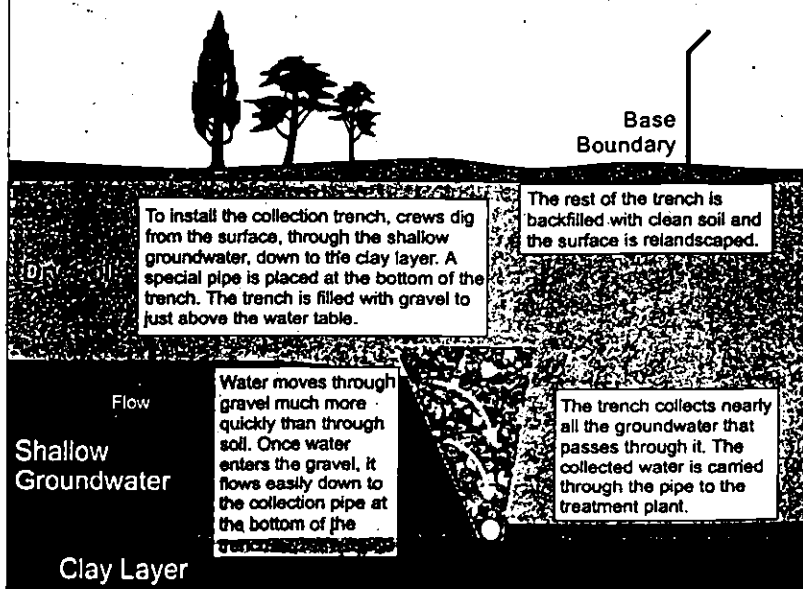
Once collected, the contaminated water would be piped to a treatment plant that would be built on site. Treated water would be discharged into Sixmile Creek.

Using a combination of collection methods is vital to the success of the project. A collection trench works best when it is placed where the contaminated water can flow directly into it. Wells would be used in locations where underground obstructions, such as electrical lines or underground pipes, make a collection trench impractical.

To treat the groundwater, engineers would use either an air stripper or Ultraviolet (UV) oxidation. Air stripping trickles water downward while air is blown through it. Evaporation removes the chemicals as the air passes through the water. Chemical vapors in the air are either captured in a filter or burned away by a liquid propane flame, so that no air pollution is created. UV oxidation, which is used to treat groundwater at other areas of the base, exposes the water to the energy of UV light and a source of oxygen. The UV light energy breaks down the chemicals in the water and causes them to bond harmlessly with oxygen. The process produces clean water and carbon dioxide gas as its by-products.

Either of these systems would effectively remove the contaminants from the water, ensuring that all discharged water would meet federal standards.

How a Collection Trench Works



As part of this action, another set of trenches and wells would be installed in the southwest corner of East Kelly. Their purpose would be to draw in water that appears to be moving from the main base into the neighborhood.

Specific choices between the use of wells or trenches and between UV oxidation or air stripping would be made as part of the cleanup system's design phase.

Selecting the Plan

Once a site has been investigated, engineers develop a list of potential cleanup alternatives. These are outlined and evaluated in a report called a Feasibility Study. In the case of interim actions such as this, a Focused Feasibility Study is done specifically for alternatives being considered for the interim action.

The box below discusses how alternatives are evaluated using nine criteria outlined in the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA). Once all the alternatives are evaluated, a preferred alternative is chosen.

The preferred alternative is released to the public and must go through a 30-day public comment period before the cleanup work can proceed. The purpose of the comment period is to allow citizens to identify any concerns regarding the proposal and to give the public an opportunity to suggest modifications or improvements. (See the back page for more information on making a comment.)

For more background information on the proposal, you may wish to review the following documents, which can be found in the Information Repositories listed on the back page: *Proposed Plan for Interim Remedial Action for Contaminated Groundwater in Zone 4, IRP Zone 4 Focused Feasibility Study Report Contaminated Groundwater Associated With Site SS-040, and IRP Zone 4 Focused Feasibility Study Report Contaminated Groundwater Associated With Site SS-051.* Focused Feasibility Studies contain an engineering evaluation of possible alternatives and a cost analysis for a cleanup system that can rapidly be installed and can achieve limited

objectives. The studies also focus upon solutions that would be compatible with the site's final cleanup system.

Looking for Wells

Despite the fact that nearly all San Antonio residents get their household water from a public utility, such as Bexar Met, a number of private wells still exist in the neighborhoods east of the base.

Many of these shallow wells draw water from the shallow aquifer, which means some may be drawing contaminated water. However, Larry Bailey, Director of Environmental Management at the base, said as long as these wells are not regularly used for household purposes, there is no cause for concern.

"We know that a few people come into contact with the water through shallow wells that are used to water lawns or irrigate gardens," Mr. Bailey said. "Previous studies have confirmed that no one's health is at risk from such contact with the contaminants."

Mr. Bailey asks anyone who has a well or knows of a well to contact Mr. Dick Walters at 925-3100, ext. 338. He will arrange for someone to come examine the well and test the water, if necessary.

Nine Evaluation Criteria

At most sites, there are any number of ways to clean up contamination. The hard part is choosing the best way. Environmental laws specify that cleanup alternatives be evaluated using these nine criteria. The chart on the back page shows how the alternatives rated at Zone 4.

- **Threshold Criteria**
All proposed plans must meet the threshold criteria. They are not negotiable.
- **Balancing Criteria**
Since no cleanup plan is perfect, engineers must weigh advantages and disadvantages of each plan using these criteria.
- **State and Community Acceptance**
Regulatory Agencies must concur with all proposed plans. The public must also accept the plan before it can be implemented.
- **Overall protection of human health and the environment.**
Does the plan protect people and the environment from current and potential risks posed by the contamination?
- **Compliance with applicable or relevant and appropriate requirements (ARARs).**
Does the plan comply with all other environmental and non-environmental laws and standards?
- **Short-term effectiveness.**
Will the plan provide immediate protection to people and the environment?
- **Long-term effectiveness and permanence.**
Will this be a permanent solution to the problem?
- **Reduction of toxicity, mobility or volume through treatment.**
Will the plan reduce the risk to people and the environment by treating or containing the contamination?
- **Implementability.**
Is it possible to do what the plan says?
- **Cost.**
Do the costs adequately justify the benefits?
- **State acceptance.**
Do the regulators agree that the requirements have been met?
- **Community acceptance.**
Is the plan acceptable to the community?

Copies of the plan are available for review at the following locations:

San Antonio Central Library
 600 N. Soledad
 Hours:
 Mon-Thurs 9 a.m. to 9 p.m.
 Fri and Sat 9 a.m. to 5 p.m.
 Sunday 11 a.m. to 5 p.m.

Kelly AFB Library
 Bldg. 1650, Rm. 138
 250 Goodrich Drive,
 Suite 6
 Hours:
 Mon-Thurs 8 a.m. to 7 p.m.
 Friday 8 a.m. to 5 p.m.
 Saturday 1 p.m. to 5 p.m.
 Closed Sunday

To comment on the plan, write your comments and mail them to the address listed to the right on or before April 10, 1998.

Comments will also be taken at the Restoration Advisory Board meeting, which will be held April 7 at Dwight Middle School from 6 to 8:30 p.m.

You may also voice your comments at a Community Forum, hosted by the City and County. The Forum will be held March 31 at South San High School beginning at 6:30 p.m.

Send comments on the plan to
 Mr. Dick Walters
 SA-ALC/PAE
 807 Buckner, Ste. 1
 Kelly AFB, TX
 78241-5892

Summary of Alternatives

	Overall Protection	Comply with ARAPs	Long-term effectiveness	Reduction through treatment	Short-term effectiveness	Implementability	Cost	State Acceptance	Community Acceptance	Comments
Preferred Alternative Combination of extraction wells and collection trenches to collect contaminated groundwater. Treat water using ultraviolet oxidation or air stripping. Discharge treated water into Sixmile Creek.	●	●	●	●	●	●	● \$6.0 million	Yes	Pending public and RAB comments	Extraction wells used where trenches would be impractical.
Alternative 1 No Action	●	N/A	○	●	●	●	● \$0	Accepts preferred alternative	Pending public and RAB comments	Baseline comparison
Alternative 2 Natural Attenuation, monitoring	●	N/A	○	●	●	●	● \$130,000	Accepts preferred alternative	Pending public and RAB comments	No active cleanup action.
Alternative 3 Install vertical extraction wells, ultraviolet oxidation treatment of groundwater, discharge treated water into Sixmile Creek.	●	●	●	●	●	●	○ \$5.9 million	Accepts preferred alternative	Pending public and RAB comments	
Alternative 4 Install vertical extraction wells, ultraviolet oxidation treatment of groundwater, reinject treated water into the shallow aquifer.	●	●	●	●	●	●	○ \$6.2 million	Accepts preferred alternative	Pending public and RAB comments	Geology unsuitable for reinjection.
Alternative 5 Install vertical extraction wells, treat groundwater with air stripping, discharge treated water into Sixmile Creek.	●	●	●	●	●	●	○ \$6.1 million	Accepts preferred alternative	Pending public and RAB comments	
Alternative 6 Install vertical extraction wells, treat groundwater with air stripping, reinject treated water into the shallow aquifer.	●	●	●	●	●	●	○ \$6.4 million	Accepts preferred alternative	Pending public and RAB comments	Geology unsuitable for reinjection.
Alternative 7 Install groundwater collection trenches, ultraviolet oxidation treatment of groundwater, discharge treated water into Sixmile Creek.	●	●	●	●	○	○	○ \$5.7 million	Accepts preferred alternative	Pending public and RAB comments	Collection trenches only effective in certain circumstances.
Alternative 8 Install groundwater collection trenches, ultraviolet oxidation treatment of groundwater, reinject treated water into the shallow aquifer.	●	●	●	●	○	●	○ \$6.0 million	Accepts preferred alternative	Pending public and RAB comments	Geology unsuitable for reinjection.
Alternative 9 Install groundwater collection trenches, treat groundwater with air stripping, discharge treated water into Sixmile Creek.	●	●	●	●	○	○	○ \$6.1 million	Accepts preferred alternative	Pending public and RAB comments	Collection trenches only effective in certain circumstances.
Alternative 10 Install groundwater collection trenches, treat groundwater with air stripping, reinject treated water into the shallow aquifer.	●	●	●	●	○	●	○ \$6.4 million	Accepts preferred alternative	Pending public and RAB comments	Geology unsuitable for reinjection.

● = Good

○ = Fair

○ = Poor

MEMORANDUM

Date: April 7, 1998

TO: KAFB Restoration Advisory Board

FROM: M. Damian Sandoval
KAFB RAB TRS Chairperson

SUBJECT: Formal TRS Comments on the Focused Feasibility Study for SS-040 and SS-051, March 97

The KAFB Technical Review Subcommittee (TRS) conducted a meeting on 10 March 1998, to review, discuss and develop formal comments on the aforementioned document. The following comments will be submitted to the KAFB Restoration Advisory Board (RAB) for submission to the Air Force. A copy of the documents will also be provided to both the Environmental Protection Agency, Attention: Ms Camille Hueni, and the Texas Natural Resource Conservation Commission (TNRCC), Attention: Mr. Gary Beyer.

1. The TNRCC has all along stated that the surficial aquifer would be remediated (cleaned) to Maximum Contaminant Levels (MCLs) for Groundwater. Limits of the surface water discharge may exceed MCLs under the current KAFB NPDES Permit. For example, PCE, has an MCL of 5 parts per billion (ppb) and the NPDES Discharge Permit Limit for PCE is 20 ppb. The UV Oxidation system may be the only proposed treatment system that may remove or eliminate organic contaminants above MCLs that are discharged into an open creek.
2. Groundwater treated through a treatment system that still contains concentrations above the MCLs should be evaluated in regards to discharging into an open, publicly accessible creek. Please evaluate the possible exposure pathways (i.e. children playing, contacting and incidental ingestion of treated groundwater that may be above MCLs) for this scenario.
3. Please indicate under which regulations, (TNRCC,EPA) allows treated groundwater to be discharged above MCLs into a creek. Indicate how regulations are modified so that different cleanup standards are used for surface discharge as opposed to MCL criteria identified early in the BRAC Cleanup Process.
4. How and when will the resource agencies (i.e. National Park Service) be informed of the proposed action? The proposed discharge rate of up to 500,000 gallons per day (GPD) will change the condition of Sixmile creek from an intermittent, storm-fed stream to a continuous flowing creek. EPA, TNRCC and/or the Air Force should be required to conduct a downstream impact study prior to treatment operation and discharge.
5. A maximum discharge rate of 500,000 gpd of water may be reviewed as a resource that should be re-used; either in a recycling or reclamation program. Both the Bexar Metropolitan Water District and/or the San Antonio Water Systems should be contacted to assess the feasibility of reusing this resource. KAFB should also evaluate this option as an alternative to discharging water into Six Mile Creek.
6. Will the extraction of up to 500,000 gpd from the surficial aquifer at KAFB, Zone 4 cause subsidence problems to the properties on KAFB or to adjacent properties? Will this affect the existing groundwater gradient or levels on and off KAFB? Will a subsidence study be performed to assess the impacts to soils on and off base?
7. If KAFB is committed to treating groundwater on-base, why are plans not immediately implemented to collect and treat groundwater off-base?
8. The TRS respectfully requests to review all remedial design specifications and construction plans at the 30, 60 and 90 % design phases of the collection and treatment system. The TRS requests to review all final interim remedial initiatives developed by KAFB that will impact off-base surface water contribution to six mile creek.

may also be requested to include local residents and any potentially important resource agencies

9. Please indicate if, when and how responses to these questions will be addressed. Please indicate if the public will also be notified of the response, and/or if follow-up questions will be accepted after the initial comment period of 11 April 98

**NATIONAL CAUCUS OF
RAB COMMUNITY
PHOENIX, ARIZONA**

25 & 26 JAN 1998

2

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ARMY AIR FORCE NAVAL FACILITIES

✓ NOAA/ Adak Naval Facility	Anchorage	AK
✓ Luke Air Force Base	Glendale	AZ
✓ Tucson Int. Airport Area Super Fund Site	Tucson	AZ
✓ Beale Air Force Base	Marysville	CA
✓ Air Force Plant 42	Palmdale	CA
Fort Ord Army Base	Marina/Seaside	CA
Hunters Point Naval Shipyard	San Francisco	CA
✓ Long Beach Naval Complex	Long Beach	CA
✓ Mather Air Force Base	Rancho Cordova	CA
✓ Marine Corps Air Station El Toro	Orange County	CA
✓ McClellan Air Force Base	Sacramento	CA
✓ Oakland Army Base	Oakland	CA
Presidio Army Base	San Francisco	CA
Point Molate Naval Fuel Depot	Richmond	CA
Treasure Island Naval Station	San Francisco	CA
Fort Carson Army Base	Colorado Springs	CO
Rocky Mountain Arsenal	Adams County	CO
Naval Air Station Cecil Field	Jacksonville	FL
Westover Air Reserve Base	Westover	MA
Patuxent River Naval Air Station	Lexington	MD
Naval Air Station Brunswick	Brunswick	ME
Twin Cities Army Ammunition Plant	St. Paul	MN
Vance Air Force Base	Enid	OK
Aberdeen Proving Ground (Army)	Edgewood	MD
Grand Forks Air Force Base	Grand Forks	ND
✓ Fort Campbell Army Base	Clarksville	TN
✓ Kelly Air Force Base	San Antonio	TX
US Army Fort Bliss	El Paso	TX
✓ Hill Air Force Base	Ogden	UT
Naval Surface Warfare Center	Dahlgren	VA
Norfolk Naval Shipyard	Norfolk	VA
✓ Keyport Naval Undersea Training Center/ Liberty Bay	Keyport	WA
✓ Fairchild Air Force Base / Washington Air Guard	Spokane	WA

abc

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CAUTION: THIS DOCUMENT CONTAINS UNCLASSIFIED INFORMATION

	ORGANIZATIONAL AFFILIATION	RAB OR DERTF AFFILIATION
Saul Bloom	Director, Arc Ecology	Community Member: Oakland and Presidio Army Bases
Curt Gandy	Fort Ord Toxics Project,	Community Member: Fort Ord RAB
Sam Goodhope	Texas State Attorney General's Office	National Association of Attorney Generals representative to DERTF
Don Gray	Energy and Environment Research Institute	Environmental representative to DERTF
Aimee Houghton	Careerpro	
Greg Hurley	Environmental Attorney	Community Co-Chair: El Toro RAB
Christine Shirley	Staff Scientist, Arc Ecology	Community Member: Hunters Point and Treasure Island RABs
Doug Kern	Facilitator	Community Member: Presidio Army Base and Hunters Point Naval Shipyard
Jeff Lehman	Staff Associate, Arc Ecology	

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RAB TOXICUS AGENDA

SUNDAY 1/25

Daytime: Airport Pick-ups

7pm: Dinner and RAB Roundtable -- Where members discuss the major issues and bring them to RAB

MONDAY 1/26

9am: Welcome; Introduction of the meeting and its agenda; Introductions of participants

9:30: Background session

A. History of the US Base Cleanup program

A short oral history of how the DoD cleanup program came into being

Don Gray -- Administrative and Legislative History (5 min)

Sam Goodhope -- The Role of the States (5 min)

Saul Bloom -- Community Involvement (5 min)

B. Presentations: Current status of the program

1) A Community Members Briefing on Risk Assessment

Health Risk Assessments, CERCLA, EE/CAs, Tiered Screening (20 min)

→ Christine Shirley -- Arc Ecology Environmental Scientist

2) Dirty Transfers (20 min)

What are Dirty Transfers and The Implications For Communities/Gov.

Sam Goodhope -- Texas Attorney General's Office

3) Institutional Controls (20 min)

Do Institutional Controls Work

Greg Hurley -- El Toro RAB Community CoChair

11:00: Break

11:15: Background session cont.

C. Presentations: Current status of the program cont.

1) Range Rule (20 min)

A Report on the Status of the Discussion

Ted Henry -- University of Maryland Department of Toxicology

Curt Gandy -- Fort Ord Toxics Coalition

2) The President's budget and Funding for FY98 (20 min)

Saul Bloom -- DoD's Budgetary Strategy

3) Superfund Amendments (20 min)

Don Gray -- DERTF, Energy and Environment Study Institute

4) Upcoming Legislation and Guidances (20 min)

Aimee Houghton -- Careerpro

Don Gray - DERTF Energy and Environmental Study Institute
Lead Based Panel (15 min)
Community Members Briefing on Lead Based Panel
Christine Simley - Air Ecology Environmental Sciences

11pm Lunch

2:30 DERTF Agenda - Discussion of topics and responses from Caucus

A. Briefing on DERTF Meeting

1) History and Role of DERTF

Don Gray

2) Working with DERTF

Sam Goodhope

3) Critical Issues on DERTF Agenda

Don Gray and Sam Goodhope

Dis-establishment of RABs

Range Rule

Institutional Controls

B. Development of Caucus statement to DERTF for presentation at public comment period

C. Discussion of individual RAB members comments to DERTF

4:00 Break

4:15 Caucus/ Network discussion

A. Presentation of Discussion Papers

1) Greg Hurley - Caucus structure and activities (15 min)

2) Aimee Houghton - NABER (15 min)

3) Saul Bloom - Caucus structure and activities (15 min)

B. Goals and objectives of Caucus and networking

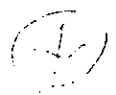
C. Structure

6:00 Development of new Caucus structure

7:00 Review of decisions

- Summary of tasks and assignments
- Development of timeline for implementation
- Formal close of Caucus

7:30 Dinner and conversation



Daytime - Attend DERTF meeting. Outreach to DERTF members and program personnel.

1pm - Spill over time for unresolved Caucus discussions.
4:30

4:30pm Dinner
-6

7pm - Participate in public hearing. Presentation of Caucus and individual RAB community member statements to DERTF during public comment period.

WEDNESDAY 1/28

Daytime - Attend DERTF meeting. Outreach to DERTF members and program personnel.

6:30pm - Presentation of Caucus and individual RAB community member statements to DERTF during public comment period (depending upon whether DERTF agrees to change time or add an additional public hearing time).

THURSDAY 1/29

Daytime - Attend DERTF meeting. Outreach to DERTF members and program personnel.

4pm - Summary of DERTF meeting, development of response, if needed. Coordination of Caucus report back to RAB community members.

5pm - Conclusion of January Caucus.

RISK ASSESSMENTS

CONCLUSIONS

- * RISK ASSESSMENTS
- * INEXACT SCIENCE
- * CAN BE ABUSED
- * DO NOT ADDRESS:
 - * SYNERGISTIC EFFECTS
 - * ALLERGIES
 - * CHILDREN'S DISEASES
 - * REPRODUCTIVE PROBLEMS

* RESPONSIBLE PARTIES SHOULD NOT WALK AWAY FROM CLEANUPS BASED ON RISK ASSESSMENTS

DIRTY LAND TRANSFER

DIRTY LAND TRANSFERS

***1990-DOD PROMISES HIGHEST MOST PRACTICAL
LEVEL OF BASE CLEAN UPS.**

***1993-DOD LOWERS CLEANUP OBJECTIVE.**

***1993-SCARCE DOD DOLLARS FAVOR LOWER CLEANUP LEVELS.**

***1997 DOD PERSUADES CONGRESS TO PASS THE
DIRTY TRANSFER AMENDMENT.**

***AMENDMENT OPPOSED BY SIX STATES**

****OPTIONS TO LRA'S**

***ACCEPT CONTAMINATED PROPERTY**

***DELAY RE-USE**

***RECOMMENDATION**

***LRA'S BUY INSURANCE TO PROTECT THEIR INTERESTS.**

INSTITUTIONAL CONTROLS

***INSTITUTIONAL CONTROLS (DEED RESTRICTIONS) PROHIBIT.**

***OCCUPANCY OF BUILDINGS**

***EXCAVATION FOR BUILDING OF STRUCTURES.**

***EXCAVATION FOR GROUND WATER.**

***ONCE IN PLACE MILITARY WILL NOT ACCOMMODATE PROPOSED CHANGES.**

***VIOLATIONS NULLIFIES MILITARY OBLIGATION FOR FURTHER REMEDIATION.**

***MILITARY POLICY HAS RESULTED IN HEATED RAB, LRA AND MILITARY DISPUTES OVER LEVELS OF REMEDIATION**

*** * FUNDING FOR CLOSING BASES**

*** 1991 - CONGRESS MOVES BUDGET FOR CLOSING OF CLOSED BASES.**

*** CONGRESS DID NOT MANDATE DEADLINE FOR CLEANUP OF CLOSED BASES.**

*** \$3.3 BILLION DOLLAR SHORTFALL.**

*** CLEANUP OF CLOSING BASES WILL NOT BE COMPLETED UNTIL LONG AFTER 2001.**

*** * IMPACT:**

*** ABILITY TO GENERATE SAVINGS BY CLOSING BASES UNDERMINED.**

*** DELAYS IN BASE PROPERTY SALES AND TRANSFERS.**

UP COMING POLICIES

***DOWNSIZING OF DOD'S ENVIRONMENT SECURITY OFFICE.**

***TECHNICAL ASSISTANCE FOR PUBLIC PARTICIPATION.**

***EPA'S PROPOSED POLICY FOR SUPERFUND REFERRAL AND DELISTING.**

***DOD'S PROPOSAL, RANGE RULES**

***DISESTABLISHMENT OF RAB'S.**

Defense Environmental Response Task Force Agenda

Tuesday, January 27, 1998

7:30 a.m.	Registration Begins	
9:30 a.m.	Administrative Remarks	Shah Choudhury
9:40 a.m.	Opening Remarks	<ul style="list-style-type: none"> Patricia Rivers Task Force Members and Guests
10:00 a.m.	Business Items <ul style="list-style-type: none"> Approve June 1997 Meeting Minutes Review Action Items Review Status of DERTF Recommendations 	Patricia Rivers
10:30 a.m.	BREAK	
10:45 a.m.	Panel Presentation on Natural and Cultural Resources at BRAC Installations	<ul style="list-style-type: none"> Donald Conlon, Army Corps of Engineers Dr. Bernard Murphy, Office of the Assistant Secretary of the Navy (I&E) Dicarlo Ciccell, Air Force Base Conversion Agency Stephanie Stevenson, Headquarters U.S. Air Force/ILEVP Charlene Vaughn, Advisory Council on Historic Preservation
11:45 a.m.	LUNCH	
1:15 p.m.	Introduction to Williams Air Force Base Segment	William Nelms, Williams AFB Site Manager and Acting BEC
1:30 p.m.	Presentation on Environmental Issues at Williams Air Force Base	<ul style="list-style-type: none"> Dr. William Harris, Texas A&M University Dr. Barbara Smith, Regional Project Manager, EPA Jerry Gless, Arizona Department of Environmental Quality Lou Minkler, Arizona Department of Environmental Quality Leonard Fuchs, Williams AFB Restoration Advisory Board Co-Chair
2:00 p.m.	Presentation on Reuse and Property Transfer Issues at Williams Air Force Base	Wayne Balmer, City of Mesa
2:30 p.m.	Presentation on the Williams Air Force Base Reuse Story	<ul style="list-style-type: none"> James Burke, Gila River Indian Community Lynn Kusy, Williams Gateway Airport Authority Dr. Charles Backus, Arizona State University - East
3:00 p.m.	BREAK	
3:15 p.m.	DEPARTURE OF BUSES FOR WILLIAMS AFB	
3:45 p.m.	Tour of Williams AFB	Williams AFB Staff
5:00 p.m.	DINNER BREAK	
7:00 p.m.	Public Comment Period	
8:00 p.m.	Adjournment/Buses Depart for Hotel	

(11)

Wednesday, January 28, 1998

9:00 a.m.	Administrative Remarks	Patricia Rivers
9:15 a.m.	Presentation on Optimization of Long-Term Operation and Monitoring	<ul style="list-style-type: none"> Lynn Stuss, Navy Jim Daniel, Army
10:30 a.m.	Presentation on AFBCA Site Closeout Efforts	John Smith, Air Force Base Conversion Agency
10:45 a.m.	BREAK	
11:15 a.m.	Superfund Reform and Reauthorization	Jim Woolford, EPA
12:00 p.m.	LUNCH	
1:30 p.m.	Presentation on Information Management for BRAC Properties	John Martin, GSA
2:30 p.m.	Presentation on FOST/FOSL Review	Phyllis Brehnd, BCTO
3:00 p.m.	BREAK	
3:30 p.m.	Panel Presentation on Lender Concerns Regarding BRAC Property	<ul style="list-style-type: none"> Hilbert Laws, Patton Boggs Brad White, PMA Michael McGinley, Mellon Bank Peter Kirwan, Averbek Environmental
5:00 p.m.	Adjournment	

Thursday, January 29, 1998

9:00 a.m.	Administrative Remarks	Shah Choudhury
9:15 a.m.	Discussion of Information Papers ← <ul style="list-style-type: none"> Measures of Merit BRAC Indicators of Progress Range Rule Update Asbestos at BRAC Installations Lead in Soil from Lead-Based Paint NGA Federal Facilities Policy Early Transfer Authority FAB Adjournment Future Land Use BRAC Cleanup Site Security FOST/FOSL Review Natural Resource Damages Brownfields Presumptive Remedies 	Patricia Rivers
12:00 p.m.	LUNCH	
1:30 p.m.	Annual Report to Congress	Patricia Rivers ←
2:00 p.m.	New Business <ul style="list-style-type: none"> July 1998 Meeting Other Matters 	Patricia Rivers
3:30 p.m.	Adjournment	

RAB CAUCUS STATEMENT TO DERTF

****RANGE RULES:**

***SURFACE CLEARING OF UNEXPLODED ORDNANCE BY CONTROLLED FIRES.**

*** *INSTITUTIONAL CONTROLS**

****DISESTABLISHMENT OF RAB'S**

*** ENVIRONMENTAL JUSTICE**

****DIRTY TRANSFERS.**

ESTABLISHMENT OF NATIONAL RAB

* * PURPOSE

* ADVISE EPA, DOD, CONGRESS & RAB'S

* STRUCTURE

* MEMBERSHIP

* TASKS

* ASSIGNMENTS

* TIMELINES

* * IMPLEMENTATION DATE

* SEPTEMBER 1998

**** CLOSING REMARKS**

CREATING A MORE EFFECTIVE RAB

*** DEVELOP CAPACITY TO:**

*** REVIEW AND PROPOSE CHANGES ON ALL CLEANUP DOCUMENTS.**

*** PREVENT WASTE OF REMEDIATION FUNDS.**

*** ANALYZE POTENTIAL LIABILITY AND COSTS OF ALL AGREEMENTS.**

*** RESEARCH FULL RANGE OF LIABILITY EXPOSURES OF DIRTY LAND TRANSFER PROPOSALS.**

*** WORK WITH YOUR CONGRESSMAN.**

*** ADVOCATE FULL AND TIMELY FUNDING BY DOD.**

*** MAKE THE BASE CLEANUP PROCESS SENSITIVE TO LOCAL NEEDS.**

*** ENVIRONMENTAL JUSTICE**

Kelly Installation Restoration Program Sites with Interim Remedial Actions in Place

Groundwater Pump and Treat Systems

Site	Alias	Zone	Description
LF012	Site D-2	1	Site LF012, Landfill D-2 (Golf Course Northern Area)
LF014	Site D-4	1	Site LF014, Landfill D-4 (Golf Course Southern Area)
LF015	Site D-5	1	Site LF015, Landfill D-5 (Golf Course Southern Area)
SS002	Site IWTP	2	Site SS002, Former Industrial Wastewater Treatment Plant
WP021	Site E-1	2	Site WP021, Former Chemical Evaporation Pit E-1
WP022	Site E-3	2	Site WP022, Former Chemical Evaporation Pit E-3
SS042	Site CS-2	2	Site SS042, Combined Site CS-2
SS038	Site S-8	3	Site SS038, Former "Green Worm" Spill Area S-8
SS040	Site MP	3	Site SS040, Former Metal Plating Shop
ST006	Site S-4	3	Site ST006, Fuel Spill Area S-4
SS003	Site S-1	5	Site SS003, Former Storage Area S-1

Bioventing Soil Cleanup System

Site	Alias	Zone	Description
FT024	Site FC-2	2	Site FT024, Former Fire Training Area FC-2

Minutas de la Reunión de la
Junta Consejera para la Restauración (RAB) de la Base Aérea Kelly
7 de abril de 1998, 6:00 p.m.
Dwight Middle School

Miembros de la Junta y alternos presente:

Brigadier General Leroy Barnidge, Jr., Presidente de la Junta representando la Fuerza Aérea
Sr. Damian Sandoval, Presidente de la Junta representando la Comunidad
Sr. Allan Posnick (Alternos del Sr. Gary Beyer)
Sr. David Johnson (Alternos de la Sra. Yolanda Johnson)
Dr. Gene Lené
Sra. Camille Hueni
Sra. Annalisa Peace
Sr. Armando Quintanilla
Sr. George Rice
Sr. Juan Solís, Sr.
Sr. Larry Hoffman
Sr. Sam Sánchez
Sr. Edward Weinstein
Sr. Mark Puffer
Sr. Willie Jones, Jr.
Sr. Sam Murrah
Sra. Dominga Adames

Miembros ausentes sin representación de alternos:

Sr. Paul Person
Sr. Nicolás Rodríguez, Jr
Sr. John A. Jacobi
Sr. Paul Roberson
Sr. Allan Hagelthorn
Sr. Carl Mixon

TEMA I: Apertura de la Reunión

- A. El Brigadier General Leroy Barnidge, Jr., Presidente de la Junta representando la Fuerza Aérea, llamó la reunión al orden a las 6:08 p.m.

TEMA II: Temas Administrativos

- A. La Sra. Mary Kelly, de la oficina legal de la Base Aérea Kelly, dió una breve explicación sobre la información incluida en el paquete entregado a los miembros de

la Junta en respuesta a una petición del Subcomité Administrativo. La información incluye una lista de los miembros de la Junta, una copia de la constitución vigente, la constitución según modificada, la guía oficial del Departamento de Defensa para las Juntas Consejeras para la Restauración (RAB) y una copia de las leyes de la Junta.

B. Los miembros de la Junta hicieron una autopresentación.

C. El Sr. Sandoval hizo un recuento de los sucesos ocurridos desde de la última reunión de la Junta.

1. Mejoras en la organización de los documentos de la Base Aérea Kelly en la biblioteca.
2. Desarrollo de un mapa delineando la contaminación de las aguas subterráneas preparado por el Subcomité Técnico.
3. Modificación de la agenda y arreglo de las sillas para mejorar el formato de las reuniones de la Junta.
4. Sesión de pancartas antes de las reuniones de la Junta.
5. Adelantos para obtener un Asistente Técnico para el program de Participación Pública.

D. Las minutas de la reunión de la Junta del 28 de enero fueron aprobadas sin cambio.

E. Las minutas de la reunión de la Junta del 26 de febrero fueron aprobadas sin cambio.

TEMA III: Presentación por la comunidad

A. El Brig. Gen. Leroy Barnidge, Jr. preguntó a los asistentes del público si alguno deseaba hacer una presentación a la Junta.

1. Nadie pidió para hacer comentarios.

TEMA IV: Reporte de Subcomités

A. Reporte del Subcomité Técnico. Antes de la presentación, el General elogió el trabajo del Subcomité Técnico.

1. El Capitán Tom de Venoge, de la Base Aérea Kelly, informó sobre la última reunión del Subcomité. Hizo una breve explicación del mapa delineando la contaminación de las aguas subterráneas. Dijo que consideraba el mapa como uno de los éxitos del Subcomité Técnico.
2. El Sr. Sandoval dijo que van a ocurrir ciertos acontecimientos importante que requieren información de la Junta y del público. Dijo que uno de estos acontecimientos es el documento "Zone 4 Focused Feasibility Study" que al

presente está en espera de comentarios del público. Dijo que el Subcomité Técnico ha desarrollado algunos comentarios que le gustaría fueran adoptados por la Junta y sometidos a la Fuerza Aérea.

3. Comentarios:

- El Sr. Sam Murrah dijo que extraer agua del acuífero no necesariamente causa hundimiento. Usualmente el hundimiento es causado por cambios en la vegetación. El Sr Sandoval sugirió que el Sr. Murrah escriba el comentario y se lo someta a la Fuerza Aérea.
- El Sr. Armando Quintanilla dijo que la Base Aérea Kelly, al presente, extrae y trata un millón de galones de agua al día y luego los tira en Leon Creek. Dijo que ésto es un desperdicio de dinero y el agua debe devolverse al acuífero.
- La Sra. Annalisa Peace dijo le gustaría que en la próxima reunión del Subcomité Técnico se considere la posibilidad de balancear la descarga en relación con el control de sequía.
- El Brigadier General Leroy Barnidge, Jr. dijo que la Junta debe someter los comentarios a la Fuerza Aérea según están escritos. Cualquier otro comentario debe también ser sometido. Los comentarios deben ser sometidos para el 11 de abril de 1998.

4. La próxima reunión del Subcomité Técnico será el 21 de abril en la Universidad St. Mary's.

B. Reporte del Subcomité Administrativo

1. La Sra. Annalisa Peace presentó el reporte del Subcomité Administrativo. El Subcomité pidió que la Junta decida la frecuencia de las reuniones del Subcomité - cuatro o seis veces por año. Presentó una moción para que la Junta apruebe cambiar la frecuencia de las reuniones a seis veces por año.

2. Discusión:

- El Sr. Larry Hoffmann preguntó si existe una razón específica para celebrar seis reuniones al año. La Sra. Peace dijo que una reunión cada tres meses resulta en una agenda muy cargada. Las reuniones frecuentes le permite al Subcomité cubrir más información.
- El Sr. Sam Sánchez, de "San Antonio Metropolitan Health District", expresandose en contra de la moción, dijo que las reuniones del Subcomité Técnico son muy productivas. La mayor parte del trabajo técnico de la Junta se lleva a cabo en estas reuniones.
- El Sr. George Rice dijo que a los miembros de la Junta no se les permite suficiente tiempo para expresarse en las reuniones trimestrales. Dijo que está de acuerdo en seis reuniones por año.
- El General Barnidge dijo que el Subcomité Técnico es el que lleva toda la carga de la Junta. Dijo que las reuniones trimestrales de la Junta cuestan menos y el itinerario de la Junta puede trabajar mejor con reuniones

trimestrales y reuniones ocasionales fuera de ciclo en circunstancias especiales. El Sr. Sandoval estuvo de acuerdo. Dijo que el Subcomité Técnico ha afrontado temas técnicos bien difíciles. Dijo que las reuniones trimestrales de la Junta deben usarse para reportar el trabajo hecho y presentar las recomendaciones del Subcomité. Dijo que recomienda reuniones trimestrales de la Junta, reuniones mensuales para el Subcomité Técnico y reuniones fuera de ciclo para la Junta, según sea necesario.

- El Sr. Rice preguntó cuál sería el procedimiento para convocar a una reunión fuera de ciclo. El General Barnidge sugirió solicitarla en una reunión de la Junta o poniéndose en contacto con uno de los presidentes.
3. Se llevó a votación para celebrar seis reuniones de la Junta. La moción fue derrotada con votación 5-8.
 4. Se presentó una moción para programar reuniones trimestrales de la Junta, reuniones mensuales del Subcomité Técnico y reuniones fuera de ciclo para la Junta, según sea necesario. La moción fue aprobada 10-3.
 5. Se acordó celebrar las próximas dos reuniones de la Junta, el 15 de julio y el 21 de octubre.

C. Reporte sobre el "National Caucus of RAB Members"

1. El Sr. Quintanilla hizo un recuento de su asistencia, en enero de 1998, a una reunión nacional en Phoenix. El Sr. Quintanilla explicó que ~~no~~ asistió a la conferencia de "Defense Environmental Restoration Task Force (DERTF)", pero que asistió al "National Caucus of RAB Members" que se celebró en Phoenix antes de la conferencia de DERTF. Esta reunión ofreció guías para los miembros de Juntas en todos los estados. Dijo que sus gastos fueron financiados por una de 25 becas ofrecidas por el caucus. Hizo un resumen de los tópicos discutidos durante la conferencia de dos días.
2. Discusión:
 - El Sr. Rice preguntó si la transferencia de "terrenos sucios" ("dirty land transfers") estaba ocurriendo en la Base Aérea Kelly. El Sr. Quintanilla dijo que esta debe ser la situación en este caso. El Sr. Allan Posnick, de TNRCC, dijo que él no ha notado que se estén haciendo esta clase de transferencias en la Base Aérea Kelly, ni ha notado que esto vaya a ocurrir. Dijo que mientras los sistemas permanentes para la limpieza estén instalados y se demuestre que están funcionando, cumple con los requisitos de la ley. El Sr. Rice preguntó si era necesario limpiar el área a los niveles establecidos antes de transferir los terrenos. El Sr. Posnick dijo que no era necesario llegar a los niveles establecidos, pero el estado tiene que estar convencido que se obtendrán los niveles requeridos.
 - El Sr. Juan Solis, Sr. dijo que parece que las normas han cambiado, antes era necesario limpiar el terreno antes de hacer la transferencia. Dijo que la gente

teme que la Fuerza Aérea se aleje del problema sin limpiar el área. El Sr. Posnick dijo que las reglas han cambiado para facilitar la transferencia. Sin embargo, esto no reduce la responsabilidad de la Fuerza Aérea de limpiar la contaminación que ésta causó. Aún si se descubre después de la transferencia que hay contaminación y se determina que fue causada por la Fuerza Aérea, la Fuerza Aérea será responsable de limpiarla. Dijo que el permiso "Post Closure Care" asegurará que la Fuerza Aérea es responsable.

- El Sr. Rice dijo que teme que la Fuerza Aérea culpe a los nuevos inquilinos de cualquier contaminación que se encuentre en el futuro. Dijo que debido a que los futuros inquilinos usarán los mismos químicos que se encuentran en las aguas subterráneas, será difícil probar quién es responsable. La Sra. Camille Hueni, de EPA, dijo que bajo la ley, los terrenos contaminados deben limpiarse antes de ser transferidos. Con relación a aguas subterráneas, los terrenos pueden ser transferidos mientras un sistema de limpieza esté instalado y funcionando debidamente.

Receso

Se tomó un breve receso.

TEMA V: Programa de limpieza para el año fiscal 1998

- A. El Capitán de Venoge presentó el programa de limpieza para el año fiscal 1998. Ver anexo.

1. Discusión:

- El Sr. Quintanilla pregunto cuándo comenzará la limpieza de la Zona 3 fuera de la base. El Capitán de Venoge dijo que todavía no se había llegado a una decisión. En general, la meta es tener todas las instalaciones de limpieza funcionando para julio del 2001.
- El Sr. Sandoval preguntó si puede suplirle a la Junta una lista de los documentos que espera recibir. El Capitán de Venoge dijo que proveerá una lista.

TEMA VI: Nuevos pozos para muestras fuera de la base

- A. El Sr. Joe Ebert, de la Base Aérea Kelly, explicó la localización de los nuevos pozos para muestras fuera de la base. Dijo que estos pozos son necesarios para definir la extensión hacia el este y sur de la contaminación denominada SS-040/SS-051. Dijo que los pozos se instalarán entre 800 y 1,000 pies entre ellos y a una distancia de 10,000 pies de los límites de la base. Los pozos estarán al este de la carretera interestatal 35. La instalación de los pozos comenzará a fines del mes de abril.

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1. Discusión:

- El Sr. Rice preguntó si se instalarán más pozos en el área de la Zona 3. El Sr. Ebert dijo que no sabía, pero que conseguirá la contestación a su pregunta.

TEMA VII: Resultados de la encuesta del Distrito de Salud sobre pozos

A. El Sr. Sánchez informó sobre los resultados de la encuesta del Distrito de Salud sobre pozos. Se tomaron 62 muestras entre residencias, negocios, escuelas y guarderías localizadas en el área donde existe la contaminación. No se encontraron químicos en el agua potable. También se analizaron 28 pozos privados de los cuales tres están en uso. Ninguno mostró contaminación. "Bexar Metropolitan Water District" también analizó sus pozos y ninguno mostró contaminación. Dijo que el Distrito continúa la búsqueda de pozos y aquellos que se encuentren serán analizados.

B. Discusión:

1. El Sr. Rice pidió los resultados del estudio. El Sr. Sánchez dijo que la información está disponible en su oficina. El Sr. Sandoval le pidió al Sr. Sánchez que presente la información en la próxima reunión del Subcomité Técnico.

TEMA VIII: Respuesta a los temas de la reunión de la Junta del 28 de enero de 1998

A. Diálogo con los protestantes de CEJA: Peticionario - General Barnidge/Acción - Sra. Adames

1. La Sra. Dominga Adames dijo que ella cree que CEJA está satisfecha con la forma en que la Junta está operando. No se necesita más acción.

B. Separación de las Juntas Consejeras para la Restauración (siglas en inglés RAB): Peticionario - Sr. Quintanilla/Acción - Gen. Barnidge

1. El General Barnidge dijo que no existe una guía para la separación de las Juntas Consejeras para la Restauración y que el Departamento de Defensa planea solicitar comentarios del público antes de publicar guías.

C. Puntos sobresalientes de "City/County Community Forum": Acción - Sr. Sandoval y el General Barnidge

1. El General Barnidge dijo que las sesiones fueron muy productivas y tuvieron mucha publicidad. Una reunión similar está programada para junio.

D. Permiso para el proyecto en la calle Quintana: Peticionario - Sr. Quintanilla/Acción - Gen. Barnidge

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1. El Sr. Quintanilla había preguntado si el proyecto de alcantarillado en la calle Quintana requiere un permiso. Se le había contestado que no se requiere un permiso. Ninguna ley requiere un permiso para esta clase de trabajo. El agua y el terreno que resulte de este trabajo serán tratados y desechados bajo un permiso que tiene la Base Aérea Kelly.
 2. El Sr. Quintanilla preguntó si el permiso para el Cuidado Después del Cierre cubre la limpieza fuera de la base. El cree que no cubre. El General Barnidge le pidió al Sr. Posnick que en la próxima reunión presente un reporte completo sobre las provisiones del permiso. También le pidió que TNRCC provea un reporte escrito sobre el permiso.
- E. Muestras del terreno en el proyecto de la calle Quintana: Peticionario - Sr. Johnson/Acción - Gen. Barnidge
1. El Gen. Barnidge dijo que durante la construcción del proyecto de alcantarillado se tomarán muestras del Barro Navarro (Navarro Clay).
- F. Lista de los sistemas interinos de limpieza que están funcionando: Peticionario - Sr. Sandoval/Acción - Gen Barnidge
1. El paquete que se entregó a los miembros de la Junta contiene una lista de los sistemas interinos de limpieza.
 2. El Sr. Rice preguntó si alguno de los sistemas estaba localizado fuera de la base. El Sr. Mike McGhee, de la Base Aérea Kelly, dijo que ningún sistema está fuera de la base. Todos están dentro de la base porque hace más sentido. Estos sistemas no tienen el propósito de quedarse para la limpieza final. Su propósito es evitar que el problema se empeore mientras se selecciona y diseña un remedio final. Es más fácil construir dentro de la base que construir fuera. Esto no quiere decir que se está ignorando la posibilidad de construir fuera de la base.
 3. El Sr. David Johnson dijo que a algunas personas les preocupa que se use atenuación natural para limpiar la vecindad. Quiere que se le muestren las tecnologías que se están considerando para limpiar fuera de la base. El Gen. Barnidge dijo que esta información no existe porque todavía no se ha llegado hasta este punto en el proceso. Esta información será dada a conocer en el Estudio de Viabilidad. El Gen. Barnidge dijo que este tema y otros más serán considerados por el Subcomité Técnico. Sugirió que el Subcomité Técnico decida como manejar estos documentos a medida que estén disponibles. Dijo que se le proveerá un programa para ayudar al Subcomité en sus planes.
- G. Entrenamiento de los miembros de la Junta en "Risk Assessment": Peticionario - Sra. Peace/Acción - Gen Barnidge

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1. El Gen. Barnidge dijo que el entrenamiento en "Risk Assessment" está disponible para los miembros de la Junta. Dijo que la Base Aérea Kelly ha recomendado un sábado en el mes de mayo (de 3 a 4 horas) y es gratis. El Sr. Rice preguntó si los miembros de la Junta pueden recibir entrenamiento en riesgos debido a limpieza.
2. El Sr. Sandoval dijo que las reglas pueden cambiar. El Sr. Johnson dijo que sería de gran valor conocer las reglas al presente para poder reconocer en que se diferencian las reglas propuestas. El Sr. Posnick dijo que TNRCC va a auspiciar una conferencia en Austin en que se discutirán los cambios en las reglas. Esta conferencia será en el Centro de Convenciones en Austin. Dijo que va a tratar de conseguir que los miembros de la Junta no tengan que pagar la cuota de admisión.

TEMA IX: Asuntos nuevos

A. Reunión especial de la Junta

1. El Sr. Sandoval dijo que le gustaría celebrar una reunión especial de la Junta para discutir cómo funciona la Junta. Dijo que la Junta debe estudiarse detenidamente para determinar si los miembros están haciendo lo que se supone que hagan. Si están en el camino correcto para alcanzar sus metas y que debe cambiarse para alcanzarlas. Propuso que la reunión se celebre el 11 de mayo a las 6:00 p.m. en el edificio 1680 en la base. Esta reunión especial será cerrada.
2. Discusión:
 - El Sr. Sánchez sugirió que la presencia de un moderador a esa reunión será de gran ayuda. Los presidentes estuvieron de acuerdo y dijeron que buscarán un moderador que no cobre por sus servicios.
 - El Sr. Rice pidió información sobre la operación de otras Juntas. El Sr. Quintanilla dijo que él conseguirá dicha información.

B. Aplicación para "TAPP"

1. El Sr. Sandoval dijo que en la próxima reunión del Subcomité Técnico se darán instrucciones sobre cómo solicitar y usar el programa TAP. El Gen. Barnidge dijo que esto era importante. Según el recuerda, el programa de TAP de la Base Aérea Kelly es el primero que lleva a cabo el Departamento de Defensa (DOD). El DOD quiere que este programa se haga bien. La Base Aérea Kelly será usada como modelo para implementar este programa en otras bases.

C. El Sr. Rice presentó tres tópicos nuevos

1. Preguntó cuándo tendrá de nuevo acceso a los documentos en la base. El Gen. Barnidge dijo le dejará saber pronto.
2. Reportó que el pozo perforado cerca de la residencia del Sr. Quintanilla produjo agua contaminada, a pesar de la Fuerza Aérea insistir que no está contaminada.

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Dijo que el contratista de la Fuerza Aérea ha dicho que la contaminación no proviene de la Base Aérea Kelly. El tema apuntado por el Sr. Rice puede establecer un patrón que puede afectar a la ciudad. La Base Aérea Kelly no tiene comentarios sobre el tema presentado por el Sr. Rice debido a que éste está relacionado con una demanda contra la Fuerza Aérea.

3. El Sr. Rice sostiene que la contaminación de la Base Aérea Kelly ha llegado hasta el acuífero Edwards y la base tiene conocimiento de esto. Dice que en el 1988 la Fuerza Aérea encontró contaminación en un pozo que más tarde fue sellado. Pero, la Base Aérea Kelly siempre ha dicho que la contaminación no puede llegar al acuífero Edwards. Dice que él ahora lo sabe y que "la Base Aérea Kelly lo sabía".

TEMA X: Comentarios de los miembros de la comunidad

A. El Reverendo Gene Shepherd, Presidente del Capítulo de AARP, dijo que las personas de edad avanzada están preocupadas por la extensión que pueda tener la contaminación hasta el sur. Pidió que se investiguen las áreas al sur de la base para ver que hay allí.

B. La Sra. Tanya Huerta preguntó dónde descarga el agua del acuífero llano. También comentó que ella cree que la votación sobre el Subcomité Técnico viola el "Texas Open Meeting Act". En respuesta al comentario de la Sra. Huerta, la Sra. Kelly dijo que la Junta no está sujeta al "Texas Open Meeting Act", pero la Fuerza Aérea, por lo general, trata de cumplir con las reglas e intención de la ley hasta donde sea posible y práctico. El Sr. Quintanilla dijo que la gente no confía en la Junta debido a las reuniones secretas. El General Barnidge dijo que las reuniones no son secretas, pero no se anuncian debido al corto tiempo para anunciarlas. La minutas están a disposición de aquellos que interesen leerlas.

TEMA XI: Próxima reunión de la Junta

A. Se decidió celebrar la próxima reunión de la Junta el miércoles, 15 de julio de 1998, a las 6:00 p.m., en Dwight Middle School. (Sujeto a aprobación por la escuela).

B. Agenda: Temas/Acción

I. Temas:

- La Sra. Peace preguntó si se puede invitar al Dr. Marvin Legator para que hable a la Junta sobre el estudio de salud en la comunidad. El Sr. Sandoval dijo que él invitará al Dr. Legator.
- La Sra. Hueni sugirió que se le provéa información al Subcomité Técnico cuando los planes para remediación estén a un nivel de 30% diseñados.

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- El Sr. Quintanilla dijo que el Sr. Sam Goodhope, de la Oficina del Fiscal General de Texas, está dispuesto a hacer una presentación a la Junta sobre cómo otras Juntas trabajan.
- El Sr. Sánchez dijo que las reuniones son muy largas. Hay que modificar la agenda. Muchas personas no asisten porque las reuniones son muy largas.

2. Acción/persona responsable

- El Sr. Quintanilla pidió una copia del documento "Zone 3 Record of Decision". - Sr. Quintanilla/Fuerza Aérea.
- El Sr. Rice preguntó si la Fuerza Aérea intenta definir la contaminación al sur de la residencia del Sr. Quintanilla. - Sr. Rice/Fuerza Aérea.
- Reporte sobre el progreso en la delineación de la Zona 3 fuera de la base. - Junta/Fuerza Aérea.
- Celebración de las reuniones del Subcomité Técnico en la parte sur de la ciudad-en las facilidades que tiene la ciudad para entrenamiento para combatir fuegos. - Sr. Quintanilla/Sr. Sandoval
- Mejorar la notificación para las reuniones del Subcomité Técnico. - Junta/Gen. Barnidge
- ¿Para cuándo tendrá la Fuerza Aérea un programa para remediar las inmediaciones de la calle Quintana y otras áreas fuera de la base (Zona 3)? - Sr. Rice/Gen Barnidge
- Lista sobre los documentos y fecha en que serán publicados. - Junta/Fuerza Aérea
- Información sobre muestras tomadas por "San Antonio Metropolitan Health District". - Sr. Rice-Subcomité Técnico/Sr. Sánchez
- Información adicional sobre el permiso para el proyecto en la calle Quintana. - Sr. Quintanilla/Sr. Posnick
- Documentación escrita de que no se necesita un permiso y si la extensión de la contaminación cambia o afecta el "Record of Decision". - Gen Barnidge/Sr. Posnick (TNRCC)
- ¿Cuándo comenzó el muestreo fuera de la base? - Sra. Peace/Fuerza Aérea
- Programar el entrenamiento sobre "Risk Assessment" antes del próximo Estudio sobre Riesgos. - Junta/Subcomité Técnico/Fuerza Aérea
- Eximir a los miembros de la Junta del pago por asistir al entrenamiento sobre reducción de riesgos ofrecido por TNRCC. - Junta/Sr. Posnick
- Traer un moderador para la próxima reunión. - Junta/Gen Barnidge, Sr. Posnick. Sra. Hueni
- Confirmar "TAPP" para la reunión del Subcomité Técnico. Junta/Fuerza Aérea

La reunión concluyó a las 9:36 p.m.

Mociones/Resoluciones

A. Mociones

1. Moción para aprobar las minutas de la reunión del 28 de enero de 1998.
 - Fue aprobada por votación levantado la mano.
2. Moción para aprobar las minutas de la reunión del 26 de febrero de 1998.
 - Fue aprobada por votación levantado la mano.
3. Moción para que la Junta se reúna seis veces al año.
 - Fue derrotada por votación 5 - 8
4. Moción para que la Junta se reúna cada tres meses.
 - Fue aprobada por votación 10 - 3
5. Moción para celebrar la reunión de la Junta correspondiente a los próximos trimestres el 15 de julio y el 21 de octubre.
 - Retirada sin votación.
6. Moción para que la Junta adopte y someta al Departamento de Defensa los comentarios del Subcomité Técnico como la posición de la Junta sobre el Estudio de Viabilidad de la Zona 4.
 - Fue aprobada por unanimidad.

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