



KELLY AFB
TEXAS

ADMINISTRATIVE RECORD
COVER SHEET

AR File Number 3333

KELLY AIR FORCE BASE

RESTORATION ADVISORY BOARD

Agenda

January 28, 1998
Dwight Middle School

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|-------|--|----------------|--|
| I. | Welcome
A. Introductions
B. Administrative Topics <ol style="list-style-type: none"> 1. Purpose of RAB 2. RAB Member Packets <ol style="list-style-type: none"> a) 1997 groundwater sampling budget b) Comparison of remediation vs. study costs C. Minutes <ol style="list-style-type: none"> 1. September 9, 1997 2. December 2, 1997 | 6:00-6:10 p.m. | BGen. Barnidge |
| II. | Community Statements <ol style="list-style-type: none"> 1. Four minutes per speaker | 6:10-6:35 p.m. | All Attendees |
| III. | Election <ol style="list-style-type: none"> 1. New Community Co-Chair | 6:35-6:45 p.m. | BGen. Barnidge |
| IV. | Cleanup Schedule for FY98 | 6:45-7:00 p.m. | Mr. McGhee |
| V. | Storm Water Project Report <ol style="list-style-type: none"> 1. Health and Safety Plan | 7:00-7:20 p.m. | Mr. German
Mr. Perez
Mr. Newman
City Public Works |
| VI. | Break | 7:20-7:30 p.m. | |
| VII. | Subcommittee Reports <ol style="list-style-type: none"> A. Technical Subcommittee Meeting Report <ol style="list-style-type: none"> 1. Prioritized listing of documents under review by EPA 2. Formal comments on documents under review B. Rules Administration Subcommittee Report <ol style="list-style-type: none"> 1. RAB meeting scheduling report | 7:30-7:45 p.m. | Mr. Sandoval |
| VIII. | Community Comments | 7:45-8:00 p.m. | Ms. Peace |
| IX. | Summary and Closing <ol style="list-style-type: none"> A. Collect agenda items for next RAB meeting B. Set date, time, location for next RAB meeting | 8:00-8:20 p.m. | All Attendees |
| | | 8:20-8:35 p.m. | BGen Barnidge |

Prepared 26 Jan 1998

**Kelly Air Force Base Restoration Advisory Board Meeting
January 28, 1998 6:00 p.m.
Dwight Middle School**

Members/Alternates present:

Brig. Gen. Leroy Barnidge, Jr., RAB Installation Co-Chair	Ms. Annalisa Peace, RAB Community Co-Chair
Mr. Edward Weinstein	Mr. David Johnson (Mrs. Johnson's alt)
Dr. Gene Lené	Mr. Nicolas Rodriguez, Jr.
Mr. Allan Posnick (Mr. Beyer's alt)	Mr. Willie Jones, Jr.
Ms. Camille Hueni	Mr. Armando Quintanilla
Mr. George Rice	Mr. Sam Sanchez
Mr. Paul Roberson	Mr. Allan Hagelthorn
Mr. Paul Person	Mr. Sam Murrah
Mr. Damian Sandoval	Mr. John A. Jacobi
Mr. Mark Puffer (Mr. Floyd's alt)	Mr. Carl Mixon
Mrs. Dominga Adames	

Members Absent Without Alternate:

Mr. Juan Solis, Sr.	Mr. Larry Hoffmann
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Item I: Call to Order

Meeting was called to order at 6:05 p.m., by Brig. Gen. Leroy Barnidge, Jr., RAB Installation Co-Chair

Item III: Administrative Topics

- A. Gen. Barnidge indicated Ms. Annalisa Peace, outgoing Co-chair, had brought to his attention the agenda in the members' packets was not the one the two Co-chairs had previously approved and that the meeting would follow the prior agenda.
- B. RAB members introduced themselves. The new Air Force Co-chair, Gen. Barnidge introduced himself to the board and described his background. He remarked that he has served on RABs at other bases and believes strongly in the RAB concept. He said he believes that a successful RAB must work together as a team and stay focused on cleanup issues.
- C. Gen. Barnidge said it did not seem necessary to him to read the "Purpose of the RAB" statement at each RAB meeting and suggested discontinuing the practice unless the members preferred to hear it. John Jacobi, Texas Department of Health, moved that the reading of the statement be discontinued. The motion was seconded and passed unanimously.
- D. Review of the Sept. 9, 1997, minutes included a requested clarification by Ms. Peace, Community Co-chair. Ms. Peace pointed out a motion was described in the minutes as

passing "almost unanimously." She said the minutes should be changed to read "unanimously."

- E. Mr. George Rice asked that a statement in the minutes that he would be satisfied if the base turned over "all releasable data" be changed to read that he wanted "all data," not just "releasable data."
- F. Minutes for the Sept. 9 1997 RAB meeting were approved with the changes.
- G. Minutes for the Dec. 2, 1997, RAB meeting were approved without change.

Item II: Community Statements

- A. The Chair called for comments from members of the public who wished to address the RAB.
- B. Mr. Raul Villar, a local resident who lives in North Kelly Gardens, said he was concerned that the base was causing health problems in his neighborhood. He said his grandson has been diagnosed with bronchitis and has recently been diagnosed with asthma. He said he believes the base is to blame.
- C. Ms. Valentina Trinidad is interested in what areas were surveyed during the community health survey. She said she grew up in the area and has family members who have been sick or died from various forms of cancer and other illnesses. She said she herself has been diagnosed with a form of lupus. She said she would like to talk to the people doing the health studies.
 - 1. Mr. Armando Quintanilla said representatives from the Agency for Toxic Substances and Disease Registry (ATSDR) will be in San Antonio to talk with people the week of February 8. Mr. Sam Sánchez, San Antonio Metropolitan Health District, said he would also be involved. Both men said Mrs. Trinidad could contact them for more information.
- D. Mr. Damian Sandoval asked if there would be any further information sent to the community regarding the results of the well survey. Mr. Sánchez said the Health District is currently trying to determine if there is anyone using well water by comparing Bexar Metropolitan Water District's water service records with electrical connection records from City Public Service. He said if a residence has an electrical hookup, but no water hookup, the Health District will investigate to determine the source of water at that residence.
- E. Another (unidentified) member of the community asked about the drainage project on Quintana Road. Ms. Peace said that will be addressed by Mr. John German, San Antonio Public Works, in a later presentation.

Item III: Election of Community Co-Chair

- A. Mr. Sandoval and Mr. Carl Mixon were nominated as candidates for the community co-chair position. Each candidate made a brief statement of his interest in serving as co-chair.

- B. After some discussion, it was agreed that all RAB members, except for regulators and the Air Force Co-chair, would be eligible to vote on the new co-chair.

A closed ballot was taken. Mr. Sandoval was elected.

Item IV: Cleanup Program Budget

- A. Gen. Barnidge said information on the cleanup program budget is in the packet for review by the members. Mr. Quintanilla asked if the ratio of 65% to cleanup and 35% to studies and management is in line with spending at other bases.
1. Mr. Allan Posnick, Texas Natural Resource Conservation Commission, said according to his knowledge, DOD is emphasizing spending more money on cleanup and less on studies.
 2. Ms. Camille Hueni, Environmental Protection Agency, said that bases slated for closure, such as Kelly, are emphasizing accelerated cleanup over studies. She noted that Kelly already has several interim systems in place and is progressing in its cleanup.
- B. Mr. Quintanilla expressed his concern that there would not be enough money to complete the cleanup. He said he is concerned that the money will run out in 2001. Gen. Barnidge said the Air Force will maintain responsibility for cleaning up all contamination it caused and that the cleanup will be funded.
1. Mr. Larry Bailey said the current program is designed to have all cleanup systems in place within the next two to three years. This schedule will put the base in a good position in the future to obtain funding. In response to a question from Mr. Sandoval, Mr. Bailey indicated that long-term monitoring will continue.
- C. Mr. Quintanilla asked if there will be enough money to clean up the neighborhoods. Mr. Bailey said Kelly will clean up all contamination required by State and Federal regulations. Mr. Quintanilla asked if Gen. Barnidge foresaw any "dirty" land transfers. Gen. Barnidge said he understands that before land can be transferred it must comply with regulatory standards.
- D. Mr. Quintanilla asked what criteria were used at sites already closed. Mr. Bailey said the state sets standards for site closure. The criteria depend on the type of site.

Item V: Storm Water Project Report

- A. Mr. German, Mr. Gabriel Perez and Mr. David Newman from the San Antonio Public Works Department gave a presentation on the Quintana Road Stormwater Drainage project. (See attached slides.) They described the location of the new culvert and presented a timeline for the work and completion.
- B. Mr. Newman, an engineer working on the environmental aspects of the project, said soils and water removed during construction will be sent to Kelly AFB for characterization and disposal at an approved disposal facility off base. The City will transport the soils by truck and will transport groundwater through a temporary aboveground pipe. He said that

the construction design of the culvert will assist cleanup efforts at Kelly by acting as a barrier for the shallow groundwater in the area. The culvert will be tied into the Navarro Clay and enhanced with a synthetic liner.

C. Questions and Comments

1. Mr. Quintanilla asked if this project could be done without undoing all the work previously done in the area just a few years ago. Mr. German said they considered keeping the prior work in place, but this new project design best meets the City's needs. He said once finished, the streets, sidewalks and curbs will look better than ever.
2. Mr. Quintanilla asked if the project was considered a cleanup because Air Force cleanup funds were being used and why no permit is being issued for this work.
 - a) Mr. German said the project is characterized as construction, not a cleanup. Mr. Posnick said the activities do not meet the criteria for a cleanup; therefore no cleanup is taking place and no permit is required. Mr. Newman said the city has received a special waste authorization from TNRCC.
 - b) Mr. Quintanilla said he does not understand how Air Force cleanup funds can be used for something that is not a cleanup. Gen. Barnidge said he would look into it and get him an answer.
3. Mr. Rice asked Mr. Newman if the City was planning to excavate and backfill in areas where the Navarro Clay undulates. Mr. Newman said yes. Mr. Rice asked if water would seep through the bedding material. Mr. Newman said the liner will also be tied into the Navarro and will keep water out of the bedding material.
4. Mr. Mixon asked if the Health and Safety Plans, Work Plans and other plans will be brought before the board for review. Gen. Barnidge said that the board can discuss the documents once the City makes them public.
5. Mr. David Johnson asked if the Air Force will take advantage of this opportunity to take soil samples directly from the Navarro Clay. Gen. Barnidge agreed to have the environmental staff look into this.
6. Mr. Sandoval asked if the city will take into account groundwater fluctuations when determining what soil is contaminated. He was told that the City would do so. He then asked if domestic waterlines in the area were in a contaminated area. He was told that they were not.
7. Mr. Rice asked if Kelly is cleaning up the hazardous waste, does the Air Force acknowledge responsibility for all of it. Gen. Barnidge said there is no answer to that question. Mr. Rice asked if the City acknowledges responsibility for it. Mr. German said the City does not.
8. Parker Wilson, TNRCC attorney, explained that a permit was not required to generate hazardous waste and therefore the Quintana Road project would not require a permit.

Other regulatory avenues exist for TNRCC to ensure the project complies with the environmental requirements of Federal and State Law.

A short break was taken.

Item VI: Subcommittee Reports

A. Technical Review Subcommittee

1. Mr. Sandoval gave the report of the technical subcommittee. (See attached slides.)
2. Gen. Barnidge suggested it would be better if consideration of the subcommittee's written recommendations on the Zone 5 Remedial Investigation be postponed until the next meeting to allow adequate time for review. The RAB members agreed and the recommendations will be presented at the next meeting. He also suggested future subcommittee meetings be scheduled to allow time for review of materials by all RAB members before the full RAB meets.
3. The RAB agreed that Kelly AFB should consider producing a summary contamination map as recommended by the TRS.
 - a) Motion was made to have the TRS continue work on a map. Motion passed.
4. Mr. Sandoval said Mr. Larry Hoffmann tendered his resignation from the TRS. His resignation was accepted by the board.
5. Three new members were added to the TRS. They include Mr. Dean Pound (GKDC), Capt. Tom DeVenoge (Kelly AFB) and Mr. David Johnson.

B. Rules Administration Subcommittee Report

1. Ms. Peace gave the report of the Rules Administration subcommittee. She said the subcommittee met to consider and make recommendations on several administrative items. The subcommittee postponed consideration of recommendations on the scheduling of future RAB meetings in deference to the new co-chairs. She said the committee discussed the need for the co-chairs to develop and approve the agenda together. Gen. Barnidge said the board should trust him and Mr. Sandoval to develop meeting agendas together and pledged no future problems. He said a formal motion would not be necessary.
2. Ms. Peace said the committee recommends that draft RAB minutes be provided to members within 20 business days following the meeting and transcripts be provided to the public at public repositories within 20 business days. Gen. Barnidge said he was not sure of the stipulations of the contract for RAB support, but he will check into it and report back.
3. The committee requested more information on RAB funding. Gen. Barnidge also said that he would meet with the subcommittee and listen to any administrative requests they may have, but would not discuss funding.

4. The General asked Ms. Peace to ensure both he and Mr. Sandoval were informed of the subcommittee's meetings so that they could attend. Ms. Peace said they would schedule the meeting when both the General and Mr. Sandoval were available.
5. Mr. Rice suggested that the Administrative Subcommittee should consider meeting at St. Mary's University, the location of the TRS meetings.

Item VII: New Business

- A. Mr. Rice announced that in regard to Mr. Quintanilla's lawsuit against the Air Force, a test well will be drilled at Mr. Quintanilla's residence on Thursday, January 29, 1998, to determine whether there is shallow groundwater under the property. Mr. Rice will report the results at the next RAB meeting.
- B. Ms. Peace announced a community forum hosted by Bexar County Commissioners' Court and San Antonio City Council will be held at 6:30 pm on Wednesday, February 11, 1998, at McCollum High School, 500 W. Formosa in San Antonio. The purpose of the forum is to provide an opportunity to receive information and public input regarding environmental issues of the Kelly Air Force Base vicinity. She encouraged RAB members and community residents to attend.
- C. Mr. Quintanilla asked if the RAB could obtain copies of the Defense Environmental Restoration Task Force's documents regarding the disestablishment of RABs. Gen. Barnidge said the Air Force would try to get the information.
- D. Mr. Johnson said the Committee for Environmental Justice-Action is meeting with ATSDR to discuss the validity of the community health survey done last year by CEJA. He said the discussion is the next step in confirming the results of the study. He said CEJA believes there is a pattern of illnesses and they want ATSDR and other government agencies to study the illnesses further. He asked Gen. Barnidge for an endorsement from the RAB of CEJA's efforts. Gen. Barnidge said although the Air Force wants to get to the bottom of the health concerns issue, the RAB, because it is sponsored by the Air Force, cannot endorse any one particular group's activities.
 1. Mr. Paul Roberson suggested the RAB adopt a posture of endorsing a comprehensive health study, without endorsing any particular group. His motion to do so was seconded and approved by the board. Mr. Jacobi said the state health department would be willing to support the health study effort wherever possible.
- E. Mr. Sandoval expressed concern that there were RAB protesters outside prior to the meeting. He said these protesters should be included in dialog. Ms. Peace said there is a CEJA meeting to be held at St. John Berchman's Church at 6 p.m., on 12 February 1998.
 1. Ms. Dominga Adames, a member of CEJA, said the demonstrators from her group just want to be heard. She said that she and others have been ignored in the past. However, she said the last few months have been better.

- F. Mr. Quintanilla was asked to give a report at the next meeting on the DERTF Conference he recently attended in Phoenix. He agreed to give a short report.

Item VIII: Old Business

- A. Mr. Sandoval asked if there were plans to mail out a second well survey to the neighborhoods surrounding Kelly AFB. Mr. Bailey said the base is planning another round of samples, which would include publicity similar to the announcement of the initial survey.
- B. Mr. Rice asked about the RAB budget. Gen. Barnidge restated that the cost for a RAB meeting is about \$8,400. Mr. Rice asked for more detail. Gen. Barnidge said that is the only answer he will give. He said he is committed to lowering that cost by renegotiating the contract.
1. Mr. Quintanilla suggested some of the money be used to train RAB members. Gen. Barnidge said he will consider that option.
- C. Mr. Rice asked if the Air Force was willing to go on record with its admission of responsibility for contamination as requested by Ms. Hueni at the last meeting. Ms. Hueni clarified her remarks by saying she has never heard the Air Force make such a statement and that her remarks were made in the context of the 300 foot zone outside the base boundary. Leslie Brown, environmental counsel for Kelly AFB, stated that this issue regarding off-base contamination is part of a lawsuit and therefore the Air Force cannot discuss the issue.

Item IX: Community Comments

No members of the community made comments.

Item X: Next RAB Meeting

- A. The Board discussed the date for the next meeting.
1. The next meeting is scheduled for 8 April 1998, at 6 p.m. at Dwight Middle School.
2. Gen. Barnidge encouraged RAB members to invite more community residents to the next meeting.
- B. Agenda/Action Items
1. Ms. Peace reviewed the following items for the next meeting's agenda:
- a) Zone 5 Remedial Investigation comments from the TRS.
- b) RAB meeting schedule and future locations
- c) Mr. Quintanilla's report on the DERTF conference.
- d) A discussion of highlights of the City/County Community Fora
- e) Information on disestablishment of RABs.

- f) Report on the results of Health District's well survey
 - g) Follow-up on distribution/publicity of the Health Department's well survey.
 - h) Mrs. Adames' report on a dialog with CEJA
2. Action Items
- a) Develop a handout of all in-place interim actions.
 - b) Find out if the moneys provided for the stormwater project come from cleanup funds and if a permit is needed for the work.
 - c) Determine whether the minutes can be provided to RAB members within 20 business days after meeting.
 - d) Determine whether the transcripts can be posted to Repositories within 20 business days after meeting.
 - e) Get copies of any DOD Discussion Papers or guidance on the disestablishment of RABs
 - f) Establish dialogue with CEJA protesters and invite them into the RAB process

The meeting was adjourned at 9:40 p.m.

Motions/Resolutions

A. Motions

1. Motion was made to discontinue reading of the RAB purpose at the start of every meeting.
 - a) Approved by a show of hands. Unanimous
2. Motion was made to approve the Sept. 9, 1997 minutes as amended.
 - a) Approved by a show of hands. Unanimous
3. Motion was made to approve the Dec. 2, 1997 minutes.
 - a) Approved by a show of hands. Unanimous
4. Motion was made to accept Mr. Hoffmann's resignation from the Technical Subcommittee
 - a) Approved by a show of hands. Unanimous
5. Motion was made to accept all RAB members as "community members" for the purpose of electing the Community Co-chair with the exception of Regulators and the Installation Co-chair.
 - a) Approved by a show of hands. One vote opposed.

6. Motion was made to have TRS draft a contamination summary map.
 - a) Approved by a show of hands. Unanimous
7. Motion was made to include Mr. Pound (GKDC), Capt. DeVenoge (Kelly AFB) and Mr. Johnson (CEJA) on the TRS.
 - a) Approved by a show of hands. 10-3

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

1. TRS Report Briefing Slides
2. Storm Water Project Report Briefing Slides
3. Memorandum on Procedures for Presenting Subcommittee Reports

Minutas de la Reunión de la
Junta Consejera para la Restauración (RAB) de la Base Aérea Kelly
28 de enero 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
Sra. Annalisa Peace, Presidente de la Junta representando la Comunidad
Dr. Gene Lené
Sra. Camille Hueni
Sr. Armando Quintanilla
Sr. George Rice
Sr. Damian Sandoval
Sr. Paul Roberson
Sr. Allan Hagelthorn
Sr. Sam Sánchez
Sr. Paul Person
Sr. Nicolás Rodríguez, Jr.
Sr. John A. Jacobi
Sr. Edward Weinstein
Sr. Willie Jones, Jr.
Sr. Sam Murrah
Sr. Carl Mixon
Sra. Dominga Adames
Sr. Allan Posnick (Alterno del Sr. Gary Beyer)
Sr. David Johnson (Alterno de la Sra. Yolanda Johnson)
Sr. Mark Puffer (Alterno del Sr. Grady Floyd)

Miembros ausentes sin representación de alternos:

Sr. Juan Solís, Sr.
Sr. Larry Hoffman

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 6:05 p.m.

TEMA II: Presentación por la comunidad

- A. El Brig. Gen. Leroy Barnidge, Jr. le pidió a aquellas personas del público que deseen hacer comentarios que se identifiquen.

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- B. El Sr. Raúl Villar, que reside en North Kelly Gardens, dijo que le preocupa que la base esté causando problemas de salud en la vecindad. Dijo que su nieto fue diagnosticado con bronquitis y recientemente fue diagnosticado con asma. Dijo que él cree que la base es responsable.
- C. Sra. Valentina Trinidad está interesada en saber cuáles fueron las áreas investigadas durante el estudio de salud en la comunidad. Dijo que ella se ha criado en esta área y miembros de su familia se han enfermado o han fallecido a causa de varias formas de cáncer y otras enfermedades. Dijo que ella fue diagnosticada con una forma de lupus. Dijo que desea hablar con las personas que están haciendo los estudios de salud.
1. El Sr. Armando Quintanilla dijo que representantes de "Agency for Toxic Substances and Disease Registry" (ATSDR) estarán en San Antonio durante la semana del 8 de febrero para hablar con el público. El Sr. Sam Sánchez, de "San Antonio Metropolitan Health District", dijo que él también estará envuelto. El Sr. Quintanilla y el Sr. Sánchez dijeron que la Sra. Trinidad puede comunicarse con ellos para obtener más información.
- D. El Sr. Damian Sandoval preguntó si se le enviará a la comunidad información adicional sobre los resultados del estudio de los pozos. El Sr. Sánchez dijo que el Distrito de Salud está comparando las listas de servicio de agua de "Bexar Metropolitan Water District" y las listas de "City Public Service" para tratar de determinar si hay alguien usando agua de pozo. Dijo que si se encuentra que una residencia tiene una conexión de electricidad y no tiene una conexión de agua, entonces el Distrito de Salud investigará de dónde esa residencia recibe el agua.
- E. Otro miembro de la comunidad, no identificado, preguntó sobre el proyecto de alcantarillado de la calle Quintana. La Sra. Peace dijo que el Sr. John German, de "San Antonio Public Works", hablará más tarde sobre ese tema.

TEMA III: Temas Administrativos

- A. El Brig. Gen. Leroy Barnidge, Jr. dijo que Sra. Annalisa Peace, Presidente saliente representando la Comunidad, le indicó que la agenda en el paquete entregado a los miembros de la Junta no es la aprobada por los dos presidentes y que la reunión seguirá la agenda acordada con anterioridad.
- B. Los miembros de la Junta hicieron una autopresentación. El Brigadier General Leroy Barnidge, Jr., Presidente entrante representando la Fuerza Aérea, se presentó y habló sobre su experiencia. Dijo que ha servido en Juntas Consejeras para la Restauración en otras bases y es un fiel creyente del concepto de la Junta. Dijo que una Junta logra

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sus propósitos trabajando unida y manteniéndose concentrada en los asuntos de limpieza.

- C. El General Barnidge dijo que él no cree que sea necesario leer el "Propósito de la Junta" en todas las reuniones y sugirió discontinuar esta práctica, a menos que los miembros prefieran escucharla. El Sr. John Jacobi presentó una moción para que se discontinúe la lectura del propósito de la Junta. La moción fue secundada y aprobada por unanimidad.
- D. Sra. Annalisa Peace, Presidente de la Junta representando la Comunidad, dijo que en las minutas de la reunión del 9 de septiembre de 1997 se indica que una moción fue aprobada "casi por unanimidad". Dijo que las minutas deben corregirse para que lean "por unanimidad".

TEMA IV: Elección del Presidente de la Junta representando la Comunidad

- A. El Sr. Damian Sandoval y el Sr. Carl Mixon fueron nominados a la posición de Presidente de la Junta representando la Comunidad. Cada candidato hizo una breve presentación sobre su interés en servir como Presidente.
- B. Después de una discusión, se acordó que todos los miembros de la Junta, excepto los reguladores y el Presidente de la Junta representando la Fuerza Aérea, son elegibles para votar.

El Sr. Damian Sandoval fue electo Presidente por votación secreta.

TEMA V: Presupuesto para el programa de limpieza

- A. El General Barnidge dijo que en el paquete que se le entregó a la Junta hay información sobre el presupuesto del programa de limpieza. El Sr. Quintanilla preguntó si la proporción de 65% para limpieza y 35% para estudio y administración sigue la tendencia de otras bases.
 - 1. El Sr. Allan Posnick, de "Texas Natural Resource Conservation Commission"(TNRCC), dijo que de acuerdo con sus conocimientos, "Departamento de Defensa" (DoD) está enfatizando que se use más dinero en limpieza y menos en estudios.
 - 2. Sra. Camille Hueni, de "Environmental Protection Agency", dijo que las bases que están en lista para ser cerradas, como lo es la Base Aérea Kelly, están acelerando la limpieza a expensas de los estudios. Apuntó que la Base Aérea Kelly ya ha instalado sistemas provisionales para limpieza y la limpieza está.

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- B. El Sr. Quintanilla expresó su preocupación de que no haya suficiente fondos para completar la limpieza. Dijo que le preocupa que los fondos se terminen en el año 2001. El General Barnidge dijo que la Fuerza Aérea mantendrá su responsabilidad para limpiar toda la contaminación que ésta haya causado y se proveerán fondos para la limpieza.
1. El Sr. Larry Bailey dijo que el presente programa de limpieza está diseñado para la instalación de todos los sistemas de limpieza dentro de los próximos dos a tres años. Este programa pondrá la base en una buena posición para obtener fondos. En respuesta a una pregunta del Sr. Sandoval, el Sr. Bailey indicó que la inspección de los pozos continuará por largo tiempo.
- C. El Sr. Quintanilla preguntó si habrá suficiente dinero para limpiar la vecindad. El Sr. Bailey dijo que la Base Aérea Kelly limpiará toda contaminación requerida por los reglamentos federales y estatales. El Sr. Quintanilla le preguntó al General Barnidge si él tiene conocimiento de alguna transferencia de terrenos "sucios". El General Barnidge dijo que él entiende que cualquier transferencia debe cumplir con las normas reglamentarias.
- D. El Sr. Quintanilla preguntó sobre el criterio usado en áreas ya cerradas. El Sr. Bailey dijo que el Estado de Texas establece las normas para cerrar un área. El criterio depende la clase o del tipo de contaminante del área.

TEMA VI: Reporte sobre el Proyecto de Alcantarillado

- A. Los señores John German, Gabriel Pérez y David Newman, de "San Antonio Public Works", presentaron un reporte sobre el proyecto de alcantarillado de la calle Quintana (vea anexo). Describieron la nueva localización del alcantarillado y presentaron un programa sobre el desarrollo y terminación del proyecto.
- B. El Sr. Newman, el ingeniero que trabaja en el aspecto ambiental del proyecto, dijo que el terreno y el agua que se remueva durante la construcción serán enviados a la Base Aérea Kelly para ser analizados y luego llevados a una facilidad aprobada por el estado. La ciudad transportará el terreno por camión y el agua será enviada a la Base Aérea Kelly usando una cañería temporera sobre tierra. Dijo que esta construcción ayudará en los esfuerzos de limpieza de la Base Aérea Kelly actuando como una barrera para el agua subterránea. El alcantarillado descansará sobre el "Navarro Clay" y ayudará por una barrera sintética.
- C. Preguntas y comentarios
1. El Sr. Quintanilla preguntó si este proyecto puede hacerse sin destruir el trabajo hecho sólo unos años atrás. El Sr. German dijo que se consideró preservar el

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trabajo anterior, pero este nuevo proyecto sirve mejor a las necesidades de la ciudad. Dijo que después de terminado el proyecto, las calles, aceras y encintados se verán mejor que nunca.

2. El Sr. Quintanilla preguntó si este trabajo se consideraba como un trabajo de limpieza, debido a que se estaban usando fondos de limpieza, y por qué no se ha expedido un permiso para este trabajo.
 - a) El Sr. German dijo que éste es un proyecto de construcción y no de limpieza. El Sr. Posnick dijo que estas actividades no llenan los criterios para limpieza. Por lo tanto, no se está limpiando y no se necesita un permiso. El Sr. Newman dijo que la ciudad recibió de TNRCC una autorización especial para manejar los desperdicios.
 - b) El Sr. Quintanilla dijo que no entiende cómo la Fuerza Aérea puede usar fondos de limpieza para algo que no es limpieza. El General Barnidge dijo que investigará y dará una contestación.
3. El Sr. Rice le preguntó al Sr. Newman si la ciudad planea excavar y rellenar en áreas donde el "Navarro Clay" tiene ondulaciones. El Sr. Newman dijo que sí. El Sr. Rice preguntó si el agua puede filtrarse por el material en la base del alcantarillado. El Sr. Newman dijo que la barrera sintética también estará dentro del "Navarro Clay" y mantendrá el agua fuera del material en la base del alcantarillado.
4. El Sr. Mixon preguntó si los Planes de Salud y Seguridad serán presentados a la Junta para comentarios. El General Barnidge dijo que la Junta puede discutir esos documentos después que la ciudad los publique.
5. El Sr. David Johnson preguntó si la Fuerza Aérea tomará ventaja de esta oportunidad para tomar muestras del "Navarro Clay". El General Barnidge dijo que le pedirá a la oficina de Administración Ambiental de Aérea Kelly para que estudie esta posibilidad.
6. El Sr. Sandoval preguntó si la ciudad tomará en consideración las fluctuaciones en el agua subterránea para determinar los terrenos que están contaminados. Se le contestó que la ciudad lo hará. Luego preguntó si la tubería de agua potable en el área se encuentra dentro del área contaminada. Se le contestó que no está.
7. El Sr. Rice preguntó que si debido a que la Base Aérea Kelly está limpiando los desperdicios peligrosos, la Fuerza Aérea acepta toda la responsabilidad. El General Barnidge dijo que esta pregunta no tiene contestación. El Sr. Rice

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preguntó si la ciudad acepta esa responsabilidad. El Sr. German dijo que la ciudad no la acepta.

8. El Sr. Parker Wilson, abogado de TNRCC, explicó que no se necesita un permiso para generar desperdicios peligrosos. Por lo tanto, el proyecto de la calle Quintana no requiere un permiso. Existen otras medidas legales para TNRCC asegurarse que el proyecto cumpla con los requisitos ambientales federales y estatales.

Receso

Se tomó un breve receso.

TEMA VII: Reportes de los Subcomités

A. Reporte del Subcomité de Rapaso Técnico (TRS)

1. El Sr. Sandoval presentó el reporte del Subcomité Técnico. (Vea anexo)
2. El General Barnidge sugirió que sería mejor si las recomendaciones escritas sobre las investigaciones en la Zona 5 se posponen hasta la próxima reunión para así permitir un tiempo razonable para su estudio. Los miembros de la Junta estuvieron de acuerdo y las recomendaciones serán presentadas en la próxima reunión. También sugirió que se programen reuniones de la Junta con los subcomités para permitirle tiempo a todos los miembros de la Junta repasar el material antes de la reunión de la Junta.
3. La Junta estuvo de acuerdo en que la Base Aérea Kelly debe considerar preparar un mapa que resuma la contaminación, según recomendado por el Subcomité de Repaso Técnico.
 - a) Moción presentada y aprobada para que TRS continúe los trabajos en el mapa.
4. El Sr. Sandoval dijo que el Sr. Larry Hoffman presentó su renuncia del TRS. La Junta aceptó la renuncia.
5. Se añadieron tres nuevos miembros al Subcomité de Repaso Técnico: el Sr. Dean Pound, Greater Kelly Development Corporation (GKDC), Capt. Tom De Venoge, Aérea Kelly, y el Sr. David Johnson.

B. Reporte del subcomité de administración de reglas

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1. Sra. Peace presentó el reporte del subcomité de administración de reglas. Dijo que el subcomité se reunió para considerar y hacer recomendaciones sobre algunos temas administrativos. El subcomité pospuso la consideración del programa para futuras reuniones en consideración a los nuevos presidentes. Dijo que el comité discutió la necesidad de que los dos presidentes preparen y aprueben la agenda. El General Barnidge dijo que la Junta debe confiar en que él y el Sr. Sandoval prepararán la agenda de las reuniones y que no habrá problemas en el futuro. Dijo que no es necesario presentar una moción formal.
2. Sra. Peace dijo que el comité recomienda que se le envíe a los miembros de la Junta una copia de la agenda preliminar dentro de los 20 días laborales después de la reunión y que se envíe al depósito de datos público la transcripción de las minutas, dentro de 20 días laborales después de la reunión. El General Barnidge dijo que no estaba seguro de las estipulaciones en el contrato de ayuda para las reuniones de la Junta, pero que investigará y reportará los resultados.
3. El comité solicitó más información sobre el presupuesto para las reuniones de la Junta. El General Barnidge dijo que se reunirá con el subcomité para escuchar cualquier petición administrativa que tengan, pero que no discutirá el presupuesto.
4. El General Barnidge le pidió a Sra. Peace que se recuerde informale a él y al Sr. Sandoval sobre la fecha de la reunión del subcomité para que puedan asistir. Sra. Peace dijo que la reunión se celebrará en una fecha en que el General y el Sr. Sandoval puedan estar presente.
5. El Sr. Rice sugirió que el Subcomité Administrativo debe considerar reunirse en St. Mary's University, donde se reúne TRS.

TEMA VIII: Asuntos Pendientes

- A. El Sr. Sandoval preguntó si había planes para enviar a los vecinos de Aérea Kelly una segunda encuesta sobre la existencia de pozos en sus propiedades. El Sr. Bailey dijo que la base está planeando otra ronda de muestras y en la publicidad se incluirá información similar a la enviada anteriormente.
- B. El Sr. Rice preguntó sobre el presupuesto de la Junta. El General Barnidge reiteró que el costo de una reunión de la junta es de \$8,400. El Sr. Rice pidió más detalles. El General Barnidge dijo que esa era su única contestación. Dijo que él está comprometido a bajar los costos renegociando el contrato.
 1. El Sr. Quintanilla sugirió que se use algún dinero para entrenar a los miembros de la Junta. El General Barnidge dijo que considerará esa opción.

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- C. El Sr. Rice preguntó si la Fuerza Aérea está dispuesta a admitir públicamente su responsabilidad de la contaminación según solicitado por Sra. Hueni en la última reunión. Sra. Hueni aclaró sus comentarios diciendo que ella nunca ha escuchado a la Fuerza Aérea hacer tal comentario y que ella se estaba refiriendo a la zona de 300 pies fuera de la base. La Sra. Leslie Brown, abogado ambiental de la Base Aérea Kelly, dijo que el tema sobre contaminación fuera de la base es parte de una demanda y por lo tanto, la Fuerza Aérea no puede discutir este asunto.

TEMA IX: Asuntos nuevos

- A. El Sr. Rice anunció que en relación con la demanda del Sr. Quintanilla contra la Fuerza Aérea, el 29 de enero de 1998 se instalará un pozo de prueba en la residencia del Sr. Quintanilla para determinar la existencia de agua subterránea debajo de su propiedad. El Sr. Rice reportará los resultados en la próxima reunión.
- B. Sra. Peace anunció que "Bexar County Commissioner's Court" y el Concilio de la Ciudad de San Antonio auspiciarán un foro a las 6:30 p.m., el miércoles 11 de febrero de 1998, en el McCollum High School, 500 W. Formosa en San Antonio. El propósito de este foro es para obtener información y recomendaciones del público sobre temas relacionados con la vecindad de la Base Aérea Kelly. Le pidió a los miembros de la Junta y a los residentes del área que asistan.
- C. El Sr. Quintanilla preguntó si sería posible para la Junta obtener copias de documentos de "Defense Environmental Restoration Task Force" relacionados con la separación de las Juntas Consejeras para la Restauración (RAB). El General Barnidge dijo que tratará de obtener información.
- D. El Sr. Johnson dijo que el Comité para "Acción de Justicia Ambiental (CEJA)" se reunirá con ATSDR para discutir la validés del estudio de salud hecho el año pasado por CEJA. Dijo que esta discusión es el próximo paso para confirmar los resultados del estudio. Dijo que CEJA cree que existe un patrón de enfermedades y quieren que ATSDR y otras agencias del gobierno extiendan el estudio de estas enfermedades. Le pidió al General Barnidge que la Junta endose los esfuerzos de CEJA. El General Barnidge dijo que la Fuerza Aérea quiere llegar al fondo de estas preocupaciones sobre salud, pero la Junta (RAB) está auspiciada por la Fuerza Aérea y no puede endosar las actividades de un grupo en particular.
1. El Sr. Paul Roberson sugirió que la Junta adopte una postura de endosar un estudio comprensivo de salud sin endosar un grupo en particular. Una moción al efecto fue secundada y aprobada por la Junta. El Sr. Jacobi dijo que el Departamento de Salud del Estado está dispuesto a ayudar en un estudio de salud, hasta donde le sea posible.

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E. El Sr. Sandoval expresó preocupación de que antes de comenzar la reunión había ciertas personas protestando fuera. Dijo que los protestantes debían incluirse en un diálogo. Sra. Peace dijo que habrá una reunión de CEJA en la Iglesia de St. John Berchman a las 6:00 p.m. el 12 de febrero de 1998.

1. Sra. Dominga Adames, miembro de CEJA, dijo que los protestantes de su grupo sólo quieren ser escuchados. Dijo que ella y otros miembros han sido ignorados en el pasado. Pero, dijo que los últimos meses han sido mejores.

F. Se le pidió al Sr. Quintanilla que, en la próxima reunión de la Junta, presente un informe sobre la conferencia de DERTF en Phoenix a la que él asistió.

TEMA X: Presentación por miembros de la comunidad

A. Ningún miembro de la comunidad hizo comentarios.

TEMA XI: Próxima reunión de la Junta

A. La Junta discutió sobre la fecha de la próxima reunión.

1. Se decidió celebrar la próxima reunión el 8 de abril de 1998, a las 6:00 p.m., en la Dwight Middle School.
2. El General Barnidge le pidió a los miembros de la Junta que inviten más miembros de la comunidad a la próxima reunión.

B. Temas de acción para la agenda

1. Sra. Peace informó sobre los siguientes temas para la agenda:
 - a) Comentarios de TRS sobre la investigación para remediar la Zona 5.
 - b) Programa para la celebración de las reuniones de la Junta y futuros lugares.
 - c) Reporte por el Sr. Quintanilla sobre la conferencia de DERTF.
 - d) Una discusión sobre los puntos sobresalientes de "City/County Community Fora".
 - e) Información sobre la separación de las Juntas Consejeras para la Restauración (RAB).
 - f) Reporte sobre los resultados de la encuesta del Distrito de Salud sobre pozos.

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g) Seguimiento sobre la distribución/publicidad del Departamento de Salud sobre pozos.

h) Reporte por la Sra. Adames sobre el diálogo con CEJA.

2. Temas de acción

a) Desarrollar un folleto sobre todas las acciones temporeras de limpieza que existen al presente.

b) Determinar si los fondos para el proyecto de alcantarillado provienen de los fondos para la limpieza y si se requiere un permiso para este trabajo.

c) Determinar si es posible entregar las minutas, a los miembros de la Junta, 20 días laborales después de cada reunión.

d) Determinar si se puede de datos la transcripción a los depósitos públicos, 20 días laborales después de cada reunión.

e) Obtener copias de cualquier documento de DoD y guías relacionadas con la separación de las Juntas Consejeras para la Restauración (RAB).

f) Entablar un diálogo con los protestantes de CEJA. Invitarlos a participar en el proceso de la Junta.

La reunión concluyó a las 9:40 p.m.

Mociones/Resoluciones

A. Mociones

1. Moción para descontinuar la lectura en cada reunión de los propósitos de la Junta.

a) Fue aprobada por votación levantado la mano. Unánime.

2. Moción para aprobar las minutas de la reunión del 9 de septiembre de 1997 según enmendadas.

a) Fue aprobada por votación levantado la mano. Unánime.

3. Moción para aprobar las minutas de la reunión del 2 de diciembre de 1997.

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- a) Fue aprobada por votación levantado la mano. Unánime
4. Moción para aceptar la renuncia del Sr. Hoffman del Comité Técnico.
 - a) Fue aprobada por votación levantando la mano. Unánime.
5. Moción para aceptar todos los miembros de la Junta como "miembros de la comunidad", para propósito de elegir al Presidente de la Junta representando la comunidad, a excepción de los reguladores y el Presidente de la Junta representando la Fuerza Aérea.
 - a). Fue aprobada por votación levantando la mano. Un voto en contra.
6. Moción para permitir que TRS continúe la preparación de un mapa mostrando la contaminación en el área.
 - a) Aprobado por votación levantando la mano. Unánime.
7. Moción para añadir tres nuevos miembros a TRS: el Sr. Dean Pound (GKDC), Capt. Tom De Venoge la Base Aérea Kelly y el Sr. David Johnson (CEJA).
 - a. Aprobado por votación levantando la mano. Aprobado 10 a 3.

Anexos entregados a todos los miembros de la Junta.:

1. Presentación por el Subcomité de Repaso Técnico.
2. Presentación sobre el proyecto de alcantarillado.
3. Memorandum sobre los procedimientos para la presentación de reportes de subcomités.

13-C-3

Kelly Air Force Base
Restoration Advisory Board

Agenda Book
for
RAB Meeting
28 January 1998

Mr. Larry Bailey

PURPOSE OF THE RESTORATION ADVISORY BOARD

“RABs allow members of the community and representatives of the installation, the U.S. Environmental Protection Agency (EPA), state regulatory agencies, and local governments to work together toward a common goal.

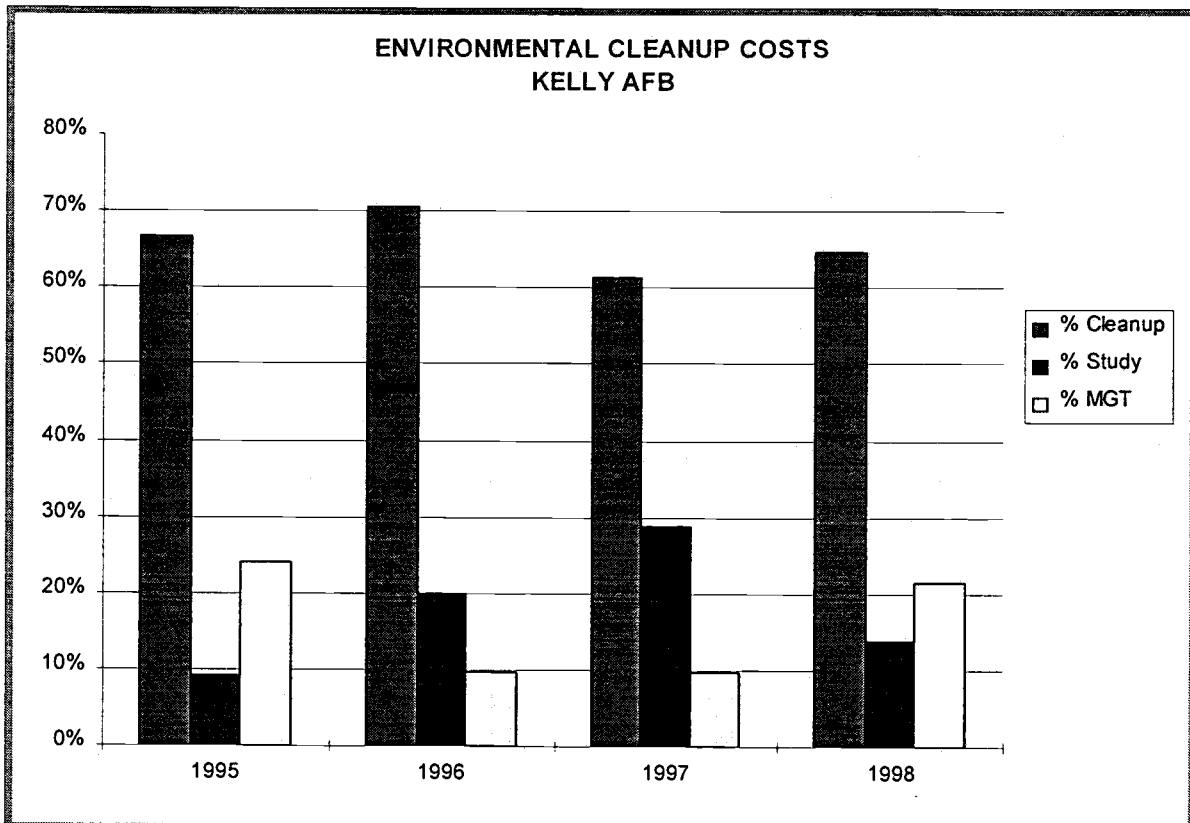
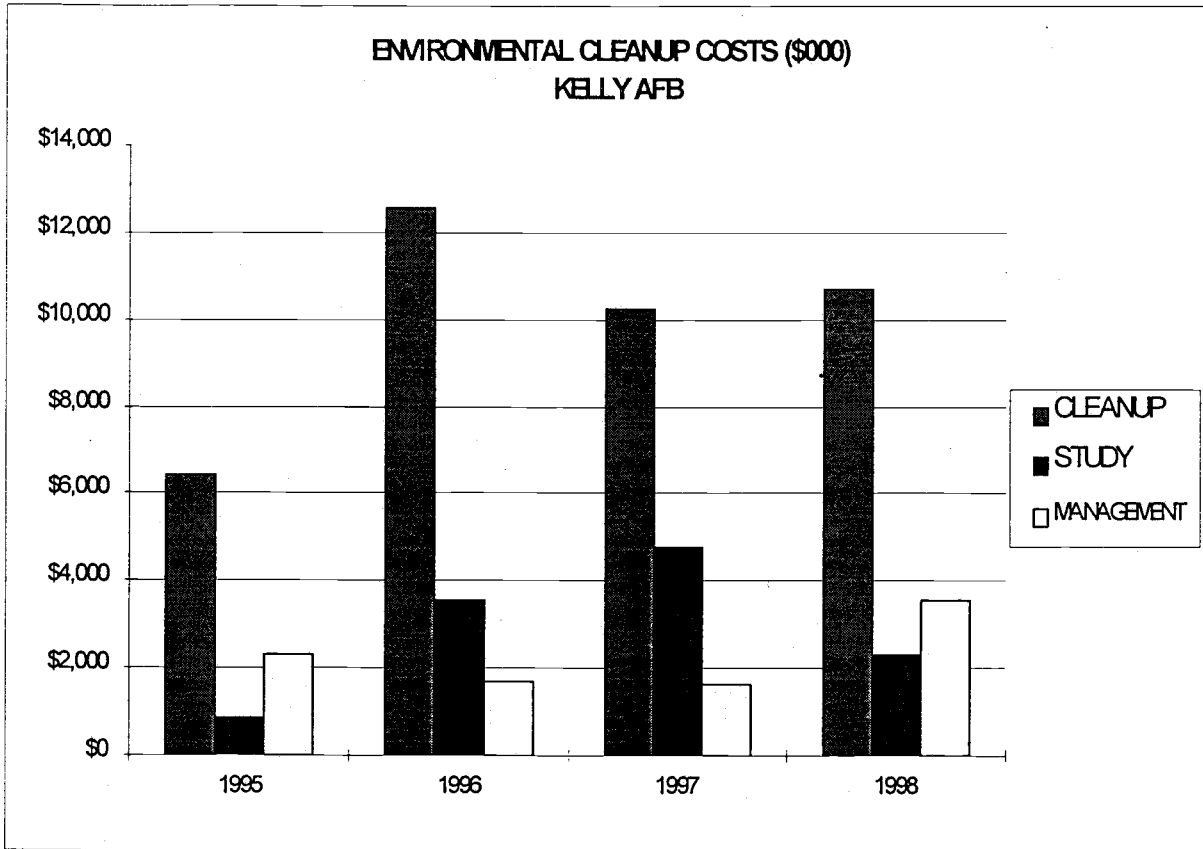
The RAB has a twofold purpose. First, the RAB is a forum for representatives of the installation, regulatory agencies, and community to discuss and exchange information about DoD’s environmental restoration program. Second, the RAB gives stakeholders the opportunity to participate in the cleanup process and make their views known to decision makers.

The RAB’s focus should be DoD’s environmental restoration program. Stakeholders may raise other issues, such as future land use, economic factors, and jobs, but there are other forums in which to discuss those issues. It is the responsibility of all RAB members to ensure that discussions stay on track.

Remember, RABs are intended to promote cooperation between the government and communities by establishing equal member status for all participants, sharing chairmanship of the board between the installation and the community, and soliciting individual advice rather than forced consensus. Its is DoD’s hope that this kind of partnership approach will result in environmental restoration decisions that meet the needs the community and DoD.” *

*** Restoration Advisory Board (RAB) Resource Book, September 1996, Office of the Deputy Under Secretary of Defense (Environmental Security)**

Kelly AFB Basewide Remedial Assessment		
Sampling Costs		
	SAMPLING/ANALYSIS	
	COST	
1997 BRA		
Annual basewide sampling	\$799,295	
4 Quarterly RCRA sampling events	\$335,040	
	\$1,134,335	
1998 BRA		
Annual basewide sampling	\$726,757	
4 Quarterly RCRA sampling events	\$351,974	
	\$1,078,731	
Note: These costs include labor for field work, analytical costs for laboratory work, and rental costs for field equipment.		



FY	CLEANUP	STUDY	MANAGEMENT
1995	\$6,440	\$898	\$2,316
1996	\$12,549	\$3,535	\$1,724
1997	\$10,268	\$4,807	\$1,632
1998	\$10,698	\$2,297	\$3,574
FY	CLEANUP	STUDY	MANAGEMENT
1995	67%	9%	24%
1996	70%	20%	10%
1997	61%	29%	10%
1998	65%	14%	22%

Basewide Remedial Assessment	
Sampling Costs Summary	
	SAMPLING/ANALYSIS
	COST
1997 BRA	
Annual basewide sampling (557 wells)	\$799,295
4 Quarterly RCRA sampling events (40 well	\$335,040
1998 BRA	
Annual basewide sampling (414 wells)	\$726,757
4 Quarterly RCRA sampling events (40 well	\$351,974

**Kelly Air Force Base Restoration Advisory Board Meeting
September 9, 1997 6:00 p.m.
Dwight Middle School**

Members/Alternates present:

Ms. Annalisa Peace, RAB Community Co-Chair	Mr. Edward Riojas, Jr., RAB Base Co-Chair
Mr. Edward Weinstein	Mrs. Yolanda Johnson
Dr. Gene Lené	Mr. Chuck Ahern (alt.)
Mr. Gary Beyer	Mr. Carl Mixon
Ms. Camille Hueni	Mr. Armando Quintanilla
Mr. George Rice	Mr. Jim Clark (Mr. Sanchez's alt.)
Mr. Paul Roberson	Mr. Allan Hagelthorn
Mr. Paul Person	Mr. John A. Jacobi
Mr. Sam Murrah	Mr. Damian Sandoval
Mr. Willie Jones, Jr.	Mrs. Dominga Adames
Mr. Larry Hoffman	

Members Absent Without Alternate:

Mr. Juan Solis, Sr.	Mr. Grady Floyd
Mr. Nicolas Rodriguez, Jr.	

Item I: Call to Order

Meeting was called to order at 6:10 p.m., Mr. Edward Riojas, Jr., RAB Base Co-Chair conducting.

Item II: Community Statements

Mr. Ray Martinez, a resident of San Antonio, said he has concerns about the cleanup technologies presented at the last InfoFair (August 13, 1997). He said the plans proposed to clean up contaminated soil were only a temporary fix and not a complete solution. He said he represents a company that sells a cleanup technology that would be a complete fix to the problem without any air emissions or waste products. He said he would be willing to provide the RAB with information about the technology.

Mr. Paul Person, Union Pacific Railroad, said he has used this technology. He said it would not be an effective technology to clean up Kelly AFB's contamination. He said the technology is not effective beyond a depth of 10 feet. Soil contamination at Kelly is much deeper in many places. He said the technology is also dangerous because it uses hydrogen peroxide, which is a highly toxic chemical.

Mr. Riojas asked Mr. Martinez to provide the information to the Technical Subcommittee for review.

Item III: Administrative Topics

- A. Mr. Riojas read aloud the statement concerning the purpose of the RAB.
- B. The RAB members introduced themselves.

Item IV: Discussion/Approval of Minutes

- A. Ms. Annalisa Peace asked that the Minutes be changed to show that the city grants building permits. She also asked that her comments be clarified on the FOIA issue to reflect the question "How are we supposed to request information if we don't know that the information exists?"
- B. Mr. John Jacobi noted the provided copies did not have the attachments referenced at the end of the minutes. It was clarified that members had received the attachments at the last meeting.
- C. The Minutes were approved with the following amendments: (1) Item IV third paragraph, to read City of San Antonio instead of San Antonio Housing Authority, (2) Item IX, Section B first paragraph page six, to read "How can the public request information when they don't know it exists?", (3) add statement to Attachments "Provided to members at the last meeting."

Item V: Status of Kelly AFB Cleanup Actions

- A. Mr. William Ryan, Kelly AFB, presented an update of the Installation Restoration Program (IRP).
 - 1. Mr. Riojas read a statement regarding the pending litigation brought against the Air Force by Mr. Armando Quintanilla. He said Air Force representatives may not be allowed to answer some questions related to the litigation.
 - 2. Mr. Ryan's presentation was to bring new members up-to-date and refresh other members' memories on the bases' cleanup actions. He described remedial investigations, feasibility studies, and the Basewide Remedial Assessment Plan. He provided maps showing test locations, plume locations, water flow contours, and other pertinent information.
 - 3. Mr. Ryan stressed that all of the information and more was available at the repositories in the City Library and the Kelly AFB library. (See attached)
- B. Questions:
 - 1. Mr. Damian Sandoval asked for a synopsis of some of the contaminants as he describes the zones. Mr. Ryan agreed to do so.

2. Mr. Quintanilla asked if the maps showed on-site and off-site areas and how many acres off base are contaminated from Zone 3. Mr. Ryan said yes the maps did show on-site and off-site areas, but he did not have the acreage information with him.
3. Mr. George Rice asked Mr. Ryan if he believed the contamination originated at Kelly. Mr. Ryan said that some of the contamination originated at Kelly. Mr. Rice asked if this means the Air Force believes that some of the contamination is not from Kelly. Mr. Ryan said it is possible that some of the contamination did not originate at Kelly.
4. Mr. John Jacobi asked what manufacturing processes used vinyl chloride. Mr. Ryan said that vinyl chloride is a degradation product of other chlorinated solvents, such as trichloroethene (TCE) or perchloroethylene (PCE).
5. Mr. Rice inquired about the current status of the plume and whether it is growing or staying the same. Mr. Ryan said the latest information shows a larger plume than shown in the 1996 Basewide Remedial Assessment (BRA). He said this is due to having a better understanding of the plume and more wells to define the extent of the plume.
6. Mr. Paul Roberson asked if the larger appearance of the plume was due to a better definition of the plume, because it is actually growing, or a combination of the factors. Mr. Ryan said it is a combination of those two factors.
7. Mr. Damian Sandoval asked if any attenuation of the plume has been observed. Mr. Ryan said yes, there are recent trends in degradation of chlorinated solvents and petroleum hydrocarbons.
8. A discussion regarding the extent of the investigation followed. Mr. Roberson said he was concerned that the Air Force was not "casting its net" wide enough to truly know the extent of the plume. He suggested that another approach might be to start far away and work back toward the base. Both Ms. Camille Hueni, and Mr. Gary Beyer said this approach is not a good idea because it is difficult to know the source of the contamination. "Chasing the plume" is the accepted method of defining a plume because it is easier to determine groundwater flow paths. Mr. Ryan said the base can sufficiently define most of the plumes with existing information. However, there are some areas where they are still investigating.
9. Mr. Quintanilla expressed concern that the City of San Antonio will not have a permit to remove contaminated soil when they begin constructing the stormwater culvert in the Quintana Road area. Mr. Beyer said no permit was required. All contaminated soil will be taken to Kelly AFB for disposal. Kelly is in the process of getting a Post Closure Care permit. Mr. Quintanilla said that removing the soil is essentially a cleanup and the city should be required to have a permit. He said there is no accountability.

10. Mr. Sandoval asked who notifies people of contamination. Mr. Beyer said the TNRCC notifies the local county health officials, who are responsible for notifying the people. Mr. Quintanilla said this is not being done. He asked that a report on who is responsible for notifying the public and what is done be presented at the next RAB meeting.
11. Mr. Rice said some wells showed levels of contamination at the drinking water standard; however, these wells were not sampled in the 1996 BRA. He asked why not. Mr. Ryan said nearby wells were sampled and the wells in question will be sampled in the 1997 BRA.
12. Mr. Ryan said regarding wells 23, 24 and 18, since these wells were not installed as part of the IRP, the results were not reported in any public document. The sample results do not show a threat to health or the environment, nor do they change the remedial action selected. However, he said the wells will be sampled in future sampling and the results will be reported.
13. Mr. Rice asked if the Air Force has any data that has not been released? Hillary Naab, Kelly AFB Legal Office, said Mr. Rice has formally presented this question as part of the lawsuit. She said as the question is presented, it is too broad to answer. She said the question must be narrowed for the base to respond.
14. Mr. Roberson made a motion that the RAB recommend to the Air Force they share all data collected after it had been reviewed, QA'd and the data should come with all necessary qualifications.
 - a. Motion passed
15. Mr. Rice suggested the RAB send a letter to General Childress asking Kelly AFB to release all environmental data, after all necessary reviews and qualifications. Mr. Riojas said this is how it will be done.

Item VI: 1996 Basewide Remedial Assessment

- A. Mr. Beyer presented the TNRCC's role in base cleanup. (See attached slides)
- B. Mr. Beyer stated that TNRCC knows that there are other sources of contamination other than Kelly, but these sources have not yet been identified. Ms. Hueni said EPA, TNRCC and the Air Force are just now beginning to investigate other sources of contamination. There are many potential industrial sources both past and present in the area. These will be investigated.
 1. He also pointed out that right now there was no immediate threat to public health from soil contaminated soil and groundwater from Kelly AFB.

C. Ms. Hueni gave a presentation regarding EPA's role in the IRP process. (See attached slides)

D. Questions

1. Mr. Quintanilla asked what water standards are applied to the groundwater? Mr. Beyer stated they are same ones used for water from the Edwards Aquifer.
2. Mr. Sandoval asked what cleanup standards will be used for chemicals that currently have no drinking standard. Mr. Beyer said the Texas Risk Reduction Rule has standards set for those chemicals. These standards are based on a 1 in 1 million risk for carcinogens and a hazard index of 1 for non-carcinogens.
3. Mr. Sam Murrah was concerned about other sources of contamination. Mr. Beyer said they know there are other source and TNRCC needs to address them. Mr. Murrah also expressed concern that air quality was not given the same attention as soil and groundwater. Ms. Hueni said the focus is mainly on soil and groundwater, but if air is considered to be a problem, it will also be addressed.
4. Referring to the stormwater culvert project, Mr. Quintanilla asked who determines when the contaminated soil excavated during the construction is clean. Mr. Beyer said that TNRCC and the San Antonio city officials are working together on the issue. Mr. Quintanilla reaffirmed his concern that the absence of a permit leaves no one accountable.
5. Mr. Sandoval asked if the cleanup of soil is limited to the construction area. He was told by Mr. Beyer and Ms. Hueni that soil affected by construction would be removed and cleaned. Other contaminated soil was part of the groundwater cleanup efforts.
6. Mr. Rice asked Ms. Hueni to explain the TNRCC's and EPA's roles as overseers. Ms. Hueni said EPA's role is to give concurrence on any federal property transfers. TNRCC has been delegated the responsibility to administer the environmental cleanup programs in the state of Texas. EPA provides support to TNRCC and gives final concurrence.
7. Mr. Quintanilla requested the EPA and TNRCC come talk to neighborhood groups regarding the cleanup. Ms. Hueni said that one of their responsibilities as RAB members, is to take the information given at RAB meetings back to the neighborhoods.
8. Mr. Larry Hoffmann asked Mr. David Newman, City of San Antonio, if an Environmental Impact Statement and notification are required for this project. Mr. Newman said he believed it was.
9. Mr. Riojas said city officials will be invited to present more information regarding the stormwater culvert project at the next RAB meeting.

E. Ms. Hueni and Mr. Beyer presented their review of the BRA. (See attached slides) Their conclusion is that the contamination at Kelly AFB poses no threat to human health or the environment.

F. Questions

1. Mr. Quintanilla asked Mr. Riojas if the RAB can be provided the budgetary information for the groundwater sampling program. Mr. Riojas said he would look into it.
2. Regarding the plume at Zone 4 (East Kelly), Mr. Rice asked Ms. Hueni if she believed the southernmost extent of the plume had been adequately defined. Ms. Hueni said she still needs more information. She said this is a work-in-progress and more information will be collected in the future that will answer more questions.
3. Mr. Sandoval asked Kelly to provide the RAB with a table detailing cleanup standards for groundwater chemicals of concern. This table would include applicable drinking water standards, secondary drinking water standards, and risk-based standards.
 - a. The request was so moved and passed by the RAB. Mr. Beyer added that this table may already exist in the Compliance Plan.

Break

A short break was taken.

Item VII: Subcommittee Reports

A. Administrative Subcommittee

1. Ms. Annalisa Peace reported on the meeting of the June Administrative Subcommittee. The committee proposed several administrative changes to the RAB. Ms. Peace presented them to the RAB for approval.
 - a. She pointed out that Item one had already been approved. (See attached)
 - b. After some discussion, it was agreed Item 2 (regarding the agenda) should be revised and voted on at a later date.
 - c. Mr. Allan Hagelthorn suggested changing the wording of Item 5 to add the word "less" so it would read "whether different, less, or additional services." His suggestion was accepted.
2. Regarding the committee's recommendation of a professional facilitator, Mr. Riojas said since some RAB members had complained that the RAB meetings cost too

much, they should consider that adding a facilitator will also add to the cost of the meeting.

3. Mr. Quintanilla said a facilitator was provided before. The person was not from here and could not communicate in Spanish. He suggested a future facilitator be bilingual.
4. The recommendations as amended, except Item 2, were approved by the RAB.

B. Technical Subcommittee Report

1. Representatives from CH2M Hill gave a presentation on Zone 2 groundwater recovery systems that was presented at the June 1997 Technical Subcommittee meeting. (See attached slides)
2. Questions
 - a. Mr. Sandoval asked three questions:
 - (1) Is there was a relationship between the pathlines and the amount of recovery? Mr. James Dywer, CH2M Hill, told him no, the pathlines only indicate where a particle of water will go.
 - (2) What method did you use in model? Mr. Dywer said they used all the data and ran a simulation of the flow and compared it to observed mapping.
 - (3) Did you verify your model with real time data? Mr. Dwyer said he would show him what they did later.
3. Mr. Rice presented the August 1997 Technical Subcommittee Report.
 - a. He reported that at the Technical Subcommittee Meeting, the committee voted to recommend to the entire RAB to have him removed as chairman.
 - (1) Ms. Peace asked him if he was receiving compensation for working on Mr. Quintanilla's lawsuit or if he would get any money if the lawsuit was won? Mr. Rice answered no, just reimbursement for certain expenses.
 - b. The issue of conflict of interest was brought up. Mrs. Mary Kelly, Kelly AFB Legal Office, was recognized to address the issue. She said it is inappropriate for people on the RAB to benefit financially from RAB actions. As long as RAB members don't vote on issues that could be a conflict of interest, they may continue to serve. In the case of a committee chairman it was up to the RAB.
4. The RAB voted on the Technical Subcommittee's recommendation to have Mr. Rice removed as chairman. The recommendation passed 13-2. Mr. Quintanilla abstained.

5. The RAB recommended changes to the Technical Subcommittee. The following recommendations were proposed and subsequently adopted:
 - a. Reduce the size of the committee to eight technical experts, selected by the co-chairs.
 - b. Hold meetings the same day as the RAB, if possible.
 - c. All members may attend.
 - d. Chairman reports to the RAB. A minority opinion report may be given.
 - e. Committee members will select a new chair.

6. Mr. Riojas asked for a show of hands of those who would like to be on the redefined Technical Subcommittee. The following members volunteered and were selected: Ms. Hueni, Mr. Beyer, Mr. Sandoval, Mr. Rice, Mr. Person, Mr. Hagelthorn, Dr. Gene Lené, St. Mary's University, and Mr. Hoffmann.

Item VIII: Old Business

- A. Presentation by Mr. Rice addressed two concerns he has with the Air Force's program.
 1. The first dealt with the Air Force's withholding data. Mr. Rice said Mr. Ryan's presentation has sufficiently answered his concerns. He said as long as the Air Force will agree to turn over all releasable data, he will be satisfied.
 2. The second concern was the Air Force denying responsibility for much of the Zone 3 groundwater plume, according to Mr. Rice. Referring to court documents filed as part of Mr. Quintanilla's lawsuit, he said an Air Force expert witness testified in federal court that the Air Force is only responsible for the plume to about 300 feet from the base boundary. According to Mr. Rice, the witness said the Air Force is not responsible for groundwater contamination beyond 300 feet.
 3. Questions and Comments
 - a. Ms. Hueni said she did not believe this was the Air Force's position. According to the law, the Air Force is responsible for cleaning it up. She said she read the document and it was not clear to her that that is the Air Force's position. She asked the Air Force to go on record with their position.
 - b. Mr. Rice said that if this is not the Air Force's position, then what is it? Who is responsible for cleanup?
 - c. Mr. Byron Cotton, Kelly AFB Legal Office, said he would like to see the documents in question. He also said that the Air Force would not engage in a discussion about Mr. Quintanilla's pending lawsuit in this forum.

- d. Mr. Roberson said before we can understand what the answer given in federal court means, we must know what the question is. He said what Mr. Rice said was unclear to him.
- e. Mr. Sandoval said that the whole discussion was irrelevant to some degree, because the TNRCC and EPA will ultimately decide who is responsible for cleanup.
- f. Mr. Beyer said it is possible that some of the off-base contamination may come from sources other than Kelly.

B. RAB Support Budget

Mr. Riojas passed out information regarding the cost of RAB meetings. The information was what the base had provided to San Antonio Express-News Columnist Roddy Stinson.

Item IX: Community Comments

No members of the public were present to make any comments.

Item X: Next RAB Meeting

A. The Board discussed the date for the next meeting.

- 1. Ms. Peace and Mr. Quintanilla asked that meetings be held more frequently. Mr. Quintanilla suggested holding the next meeting in six weeks. Mr. Sandoval said there seems to be a lot of issues coming up that need to be discussed and suggested a meeting sooner than December 2, 1997.
- 2. Ms. Hueni asked for a longer interval so they can review important documents. Mr. Sandoval agreed that this was important. He asked for a list of documents currently being reviewed, so the Technical Subcommittee can prioritize its reviews.

B. The RAB agreed by a vote of 11 to 6 to meet again Tuesday, December 2, 1997, at 6:00 p.m.

C. Agenda/Action Items

- 1. Agenda Items
 - a. Notification process for people in areas of contamination and those who may be in the path.
 - b. Can the RAB transcripts be placed in the Repository.
 - c. Stormwater Culvert Project presentation.

2. Action Items
 - a. How many acres off base are contaminated?
 - b. Public Library Repository Information for all RAB members.
 - c. Letter to General Childress from RAB on data sharing.
 - d. Listing of local industrial businesses.
 - e. 1997 Groundwater sampling budget.
 - f. Technical memorandum identifying groundwater cleanup standards.
3. Prioritized list of documents in the review process.

The meeting adjourned at 9:55 p.m.

Motions/Resolutions

A. Motions

1. Motion was made to approve the minutes as amended.
 - a. Approved by voice vote.
2. Motion was made to recommend to the Air Force that they share all data collected, after proper quality control, review, and with any necessary qualifications.
 - a. Approved by a show of hands -- "almost unanimous."
3. Motion was made to recommend Kelly AFB combine and develop a technical memorandum that will identify all cleanup standards that Kelly is using for groundwater cleanup. This table should identify the chemicals of concern for Kelly. It should present the MCL (maximum contaminant level), secondary MCL, or secondary risk standard calculation, and other criteria used to determine cleanup standards for ground water.
 - a. Approved by a show of hands. No opposed responses.
4. Motion was made to accept the Rules Subcommittee's recommendations as amended and without Item 2. (See attachment)
 - a. Approved by a show of hands. No opposed responses.

5. Motion was made to accept the Technical Subcommittee's recommendation to remove Mr. Rice as the Committees Chairman.
 - a. Approved by show of hands, 13 to 2. Mr. Quintanilla abstained.

6. Motion was made to reform the Technical Subcommittee as recommended and amended. (See minutes Item VII, B5.)
 - a. Approved by a show of hands.

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

1. *Attachments are still being compiled*

**Kelly Air Force Base Restoration Advisory Board Meeting
2 December, 1997 6:00 p.m.
Dwight Middle School**

Members/Alternates present:

Ms. Annalisa Peace, RAB Community Co-Chair	Mr. Edward Riojas, Jr., RAB Base Co-Chair
Mr. Edward Weinstein	Mr. David Johnson (Mrs. Johnson's alt)
Dr. Gene Lené	Mr. Nicolas Rodriguez, Jr.
Mr. Gary Beyer	Mr. Larry Hoffmann
Ms. Camille Hueni	Mr. Armando Quintanilla
Mr. George Rice	Mr. Sam Sanchez
Mr. Paul Roberson	Mr. Allan Hagelthorn (and Mr. Person's alt)
Mr. Damian Sandoval	Mr. John A. Jacobi

Members Absent Without Alternate:

Mr. Juan Solis, Sr.	Mr. Grady Floyd
Mr. Willie Jones, Jr.	Mr. Sam Murrah
Mrs. Dominga Adames	Mr. Carl Mixon

Item I: Call to Order

Meeting was called to order at 6:10 p.m., by Ms. Annalisa Peace, RAB Community Co-Chair

Item II: Community Statements

No members of the public made comments.

Item III: Administrative Topics

- A. Ms. Annalisa Peace read aloud the statement concerning the purpose of the RAB.
- B. The RAB members introduced themselves.
- C. Ms. Peace announced the departure of Mr. Edward Riojas, Air Force Co-chair, who is retiring from civil service. Ms. Peace, on behalf of the RAB, thanked Mr. Riojas for his service. He will be replaced by Brig. Gen. Leroy Barnidge.
- D. Mr. George Rice expressed concern that long presentations at previous RAB meetings had caused some agenda items to go unaddressed. He suggested shorter agenda items be addressed first and the long presentations be moved to the end of the agenda. A motion to that effect was made, seconded, and approved.
- E. Ms. Peace asked the Administrative Subcommittee to consider scheduling RAB meetings six months to one year in advance to facilitate RAB member scheduling. The RAB also agreed to move meetings to Wednesdays.

Item IV: Share Data Letter

- A. Mr. Rice had questions regarding Gen. Childress' response to the RAB's request for the Air Force to share all environmental data. He asked if all groundwater data will be available for review in the San Antonio Main Library. He also asked if they would be allowed to come on base and examine data not in the library.
1. Mr. Mike McGhee, Kelly AFB, said from this point forward, all groundwater data will be placed in the library for review. However, previous groundwater data will not be added to what is currently available in the library. He also said data not related to the cleanup effort would not be available in the library.
- B. Mr. Rice asked that even though there may be data not in the library, could RAB members could come on base and inspect that data.
1. Mr. McGhee said that was correct.
- C. Mr. Rice asked if the Air Force had any environmental data that the public would not be allowed to inspect.
1. Mr. McGhee said he could think of none.
- D. Ms. Peace asked if RAB members could just call and make an appointment to view the data without needing to submit a Freedom of Information Act (FOIA) request
1. Mr. McGhee said that was correct.

Addendum: After the Air Force received a telephone call from Mr. Rice after the RAB meeting, Mr. McGhee realized he had misunderstood one of Mr. Rice's questions, and may have mislead Mr. Rice and the RAB. Mr. McGhee asked to clarify his comments as follows: In item IV. C. above, Mr. Rice specifically used the word "public," whereas Mr. McGhee was still speaking with regards to the letter from Gen. Childress, which addresses RAB member access to final Cleanup Program documents that are not in the library. Mr. McGhee wishes to clarify that in items IV. A., B., C., and D. above, he was speaking in regards to the directions in the letter from Gen. Childress, and was referring only to RAB members access to documents that may be in records on base, not members of the general public. If members of the general public wish to inquire about information that may not be in the public repositories, they will need to submit a Freedom of Information Act request to the Air Force. Mr. McGhee wished to offer his apologies for the misunderstanding.

Item V: Discussion/Approval of Minutes

- A. The minutes were initially accepted without change; however, later the RAB voted to rescind the approval pending further review. RAB members expressed concern that they had no time to review the minutes.
- B. The RAB voted to request that the Air Force provide meeting minutes to RAB members at least one week prior to the following meeting, to allow adequate time for review.

Item VI: Technical Review Subcommittee Report

- A. Mr. Damian Sandoval gave the Technical Review Subcommittee (TRS) Report. Mr. Sandoval reported he had been elected the committee chairperson and the committee had held three meetings since the last RAB meeting. He introduced the TRS members and explained the purpose and operating procedures adopted by the committee. (See attached slides.)
1. Formal comments on the documents under review will be submitted to the RAB at the next meeting. (See attached slides.)
 - a) Documents under review are the IRP Zone 5 Remedial Investigation , 1/97, and Bldg. 1592 Area - Human Health Risk Assessment of Surface Soil, 7/97.
 2. The next TRS meeting will be held 27 January 1998. (See attached slides.)
- B. Discussion
1. Ms. Peace and Mr. Rice were concerned that EPA's current Risk Assessment process does not take into effect the synergistic effects of contaminants. Ms. Camille Hueni, EPA representative, said additive effects are considered in Risk Assessments and that scientists are still studying whether synergistic effects should be considered. Ms. Peace said because synergistic effects are not considered in Risk Assessments, it brings into question the validity of Risk Assessments.
 2. Mr. John Jacobi said Risk Assessments use epidemiological studies to determine risk, and the numbers used are very conservative and have built-in safety factors. Mr. Sandoval said other factors, like pathways, exposure, and the types of chemicals, are also being considered.
 3. Ms. Peace also expressed concern that Risk Assessments categorize the land use of sites in such a way that could pose a threat to people if that land use were to change in the future. Mr. Gary Beyer, said Kelly is currently being zoned industrial. Institutional controls, including deed restrictions, will be used to ensure it remains an industrial facility.
 4. Mr. David Johnson expressed concern for neighborhoods near the base boundary. He asked what standards would apply to off-base areas. Mr. Beyer said on base areas will be cleaned up to industrial standards and off-base areas would be cleaned up to the more restrictive residential standard.
 5. Mr. Johnson said he was concerned that industrial activities on base could affect neighborhoods near the base boundary. Mr. Jacobi said that cleanup rules for each site will be set individually and Ms. Hueni added that off-base neighborhoods will be considered in making those rules.
 6. Mr. Paul Roberson said the redevelopment master plan includes the creation of a buffer zone between industrial activities and residential areas to protect them from potential hazards.
 7. Mr. Armando Quintanilla asked who will control contaminated dust at the Quintana Road drainage project. He also asked who sets the standards and who is responsible for enforcing the standards.

8. Mr. Beyer said TNRCC sets and enforces the standards. He said the dust will be controlled as outlined in the Health and Safety Plan, that will be done for the site. He said there will be no special oversight.
9. Mr. Quintanilla asked that an official from the city address the RAB at the next meeting regarding this issue. The motion was moved and approved. Ms. Peace said she would arrange for John German from the San Antonio Public Works department to address the RAB at the next meeting.
10. Mr. Riojas said the RAB needs to be careful to stay within the scope of the board. While he agrees that this issue should be addressed, the board cannot and should not chase every issue that may or may not be related to the contamination. It should focus on cleanup.

Item VII: Old Business

- A. Ms. Hueni referred RAB members to the list of upcoming documents. (See attached handout.) Mr. Sandoval asked if there was a priority. After some discussion, the TRS agreed to discuss the issue at its next meeting and report back.
- B. Mr. Rice said there were two items of old business not on the agenda: The RAB budget and the status of obtaining a facilitator.
 1. The RAB voted to postpone the decision of obtaining a facilitator until the new co-chairs are in place. Several members expressed their desire for a facilitator during the course of the meeting.
 2. Regarding the RAB budget, Mr. Riojas said those numbers have been provided to the RAB. Mr. Rice said he wanted more detail. Mr. McGhee said that due to contracting law, much of what Mr. Rice wants is not available.
 3. Mr. Sandoval and Mr. Quintanilla asked Kelly AFB to present information regarding the cost and the percentages of money spent on research, studies, cleanup, and administration. Mr. McGhee said that information is available and will be presented at the next meeting.
- C. Mr. Sam Sanchez informed RAB members of the results of the recently completed water sampling conducted by San Antonio Metropolitan Health District. He said they tested water at several Bexar Metropolitan Water District supply wells and at 62 homes, schools, and day care centers. No samples showed any traces of the chemicals of concern. Mr. Sanchez asked the Air Force to send a copy of a letter being drafted to announce the results of the sampling to the same list of people that received the original information.
 1. Mr. Sandoval suggested a few of the wells be periodically tested. Mr. Sanchez said they are working with the Air Force to obtain data on all wells in the area. If the wells are being used for drinking water, they will be tested.
 2. Mr. Johnson asked if the Health Department plans to do any more testing of Six Mile Creek. Mr. Sanchez said no, but said U.S. Geological Survey may have more information. Mr. Sandoval suggested the Air Force test surface water and sediment in Six Mile Creek.

- D. Mr. Nick Rodriguez said if anyone receiving water from the Bexar Metropolitan Water District would like to have their water tested, they can call his office.

Break

A short break was taken.

Item VIII: Storm Water Project Report

- A. Ms. Pat Mota, San Antonio Public Works, gave a status report of the Quintana Road Storm Drain project in place of Mr. Fernandez, who was unable to attend. (See attached handout). She said the City is working with Kelly AFB on environmental issues and is working the guidelines and regulations into their specifications for the contract.
- B. Discussion
1. Mr. Quintanilla asked if the City is obtaining a permit to do the construction. Ms. Mota said no, they had been told by the TNRCC that no permit was required.
 2. Mr. Quintanilla asked how much the project would cost? Ms. Mota said approximately \$9.5 million, \$7.5 million of which is coming from the Air Force.
 3. Mr. Quintanilla asked who is responsible for cleaning up contaminated dirt. Ms. Mota said the new design will not dig as deep and they don't anticipate running into contamination problem like before. However, if potentially contaminated dirt is encountered, it will be transported to Kelly AFB.
 4. Mr. Parker Wilson, TNRCC said that Kelly AFB assumes the role of the waste generator, and therefore will be responsible for transporting the waste to Kelly AFB, where it will be tested. If found to be hazardous, Kelly will arrange for proper disposal. The dirt will be staged at the storage facility on the south side of the base for no more than 90 days.
 5. Mr. Sandoval suggested that the RAB address the long-term cleanup of this site at a future meeting. Ms. Hueni said ample opportunity for comment will be provided for the long-term cleanup as Zone 3 progresses towards its final cleanup decision.

Item IX: Zone 4 Groundwater Presentation

- A. Mr. McGhee and Mr. William Ryan, Kelly AFB, presented information on the new groundwater findings east of the base. (See attached slides.)
- B. Discussion
1. Mr. Quintanilla asked where the water captured by the interim cleanup systems will be discharged. Mr. Ryan said Six Mile Creek.
 2. Mr. Rice asked who the Air Force means when it says "possible off-base sources" of contamination. Mr. Ryan said they are still investigating possibilities, but it is obvious through a study of the plumes that some areas are isolated from the rest of the plume, possibly indicating a source other than Kelly AFB.

3. Mr. Johnson asked how the groundwater will be treated. Mr. Ryan said it will be treated using ultraviolet oxidation or air stripping. That has not yet been determined. A treatment plant will be built on East Kelly to treat the water.
4. Mr. Rice asked if additional monitoring wells will be installed south of Military Drive. Mr. Ryan said yes.
5. Mr. Sandoval asked if it appeared that natural degradation was taking place. Mr. Ryan said it appears the degradation products DCE and Vinyl Chloride and even ethene and ethane are near the source areas and areas of highest concentration of the chemicals TCE and PCE. This indicates natural degradation is taking place.
6. Mr. Felix Perales, a resident south of the base, asked if they were planning to sample wells south of the base. He said a number of farmers, including himself, have wells. He asked if any cleanup will be done in that area. Mr. Ryan said they will come test his well. He told him cleanup had been underway in that area for several years.
7. Ms. Peace suggested holding a future meeting in that area.
8. Mr. Johnson asked how far out Kelly was planning to look for contamination. Mr. Ryan said they will go out as far as it takes to satisfy the regulators that they have found all the plume.
9. Mr. Sandoval asked why an Interim Removal Action hasn't been implemented to remove the sources of contamination at Zones 3 and 4. Mr. Ryan said interim actions are in place and more will be implemented in the future. He said because of the nature of the source areas, source removal isn't the best option.

Item X: Community Comments

No members of the public made comments.

Item XI: Next RAB Meeting

- A. The Board discussed the date for the next meeting.
 1. The next meeting was scheduled for 28 January 1998. Location to be determined.
- B. Agenda/Action Items
 1. Agenda
 - a) Discussion/Approval of Minutes from 9 September 1997.
 - b) Formal comments on documents under review by TRS.
 - c) Presentation from Mr. John German, San Antonio Public Works, concerning Health and Safety Plan for the Quintana Road Storm Culvert Project.
 - d) Prioritized list of upcoming documents being reviewed by EPA.
 - e) Cleanup cost breakdown/analysis.
 - f) Election of Community Co-chair

2. Action Items

- a) Testing of Mr. Perales' well by the base.
- b) Consider holding a RAB meeting in Mr. Perales' area.
- c) Rules subcommittee to consider scheduling meetings six months to one year in advance.
- d) Providing RAB members minutes of the past meeting at least week prior to the to the next meeting.
- e) Copies of Zone 4 Shallow Groundwater Briefing Slides for RAB members.

The meeting was adjourned at 9:40 p.m.

Motions/Resolutions

A. Motions

- 1. Motion was made to approve the minutes as amended.
 - a) Approved by a show of hands.
- 2. Motion was made to rescind minutes approval.
 - a) Approved by a show of hands.
- 3. Motion was made to address the shorter agenda items first and move the longer presentation to the end of the agenda.
 - a) Approved by a show of hands.
- 4. Motion was made to move the meetings to Wednesdays.
 - a) Approved by a show of hands.
- 5. Motion was made to have the Air Force provide meeting minutes one week prior to the next meeting.
 - a) Approved by a show of hands.
- 6. Motion was made to postpone the decision of obtaining a facilitator until the new co-chairs are in place.
 - a) Approved by show of hands.

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

- 1. List of Documents in the EPA Review Process
- 2. TRS Report Briefing Slides
- 3. Storm Water Project Report Briefing Slides
- 4. Zone 4 Shallow Groundwater Briefing Slides. (Not provided at meeting)

**Kelly AFB Documents under Regulatory Review
(as of November 24, 1997)**

Draft RCRA Facility Investigation (RFI) Report for the 13 SWMU's in the C-5 Footprint Area, November 1997.

General Remedial Action Work plan Zone 3 Soil Remedial Action (IRP Site S-4 and IRP Site S-8), September 12, 1997.

Draft Quality Project Plan Zone 1 Data Gap Sampling for Soils Feasibility Study, October 1997.

Site-Specific Environmental Baseline Survey for the Defense Logistics Area (DLA) Area, November 1997.

Draft RCRA Facility Investigation (RFI) Report for the Environmental Process Control Facility (EPCF). *Pending receipt of document.*

Final Draft Kelly AFB IRP Zone 5 Remedial Investigation (RI) Report, January 1997.

Final Report for the 1592 Area Human Health Risk Assessment of Surface Soil, July 1997.

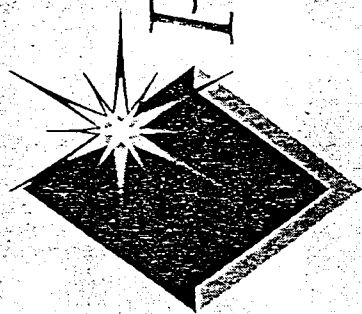
Focused Feasibility Study for Zone 4 Ground Water. *Pending receipt of document.*

KAFB RESTORATION ADVISORY BOARD

TECHNICAL REVIEW SUBCOMMITTEE (TRS) REPORT

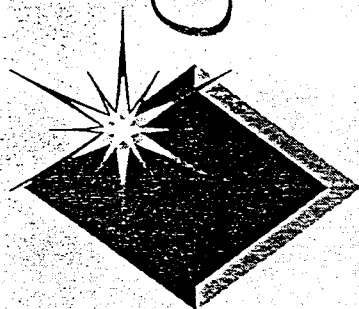
2 December 1997

- I. BACKGROUND**
- II. PURPOSE**
- III. MEMBERSHIP AND PARTICIPATION**
- IV. OPERATING RULES AND PROCEDURES**
- V. MEETING DATES**
- VI. ACCOMPLISHMENTS TO DATE**
- VII. CURRENT AND FUTURE TOPICS**
- VIII. SUMMARY**



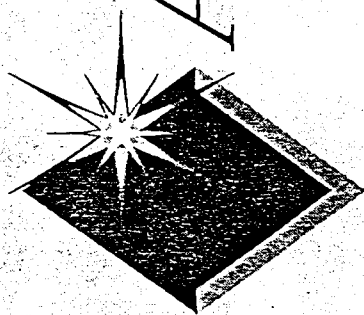
Purpose

- ◆ Review technical issues and reports
- ◆ Submit formal comments to the RAB
- ◆ Collect and discuss community issues
- ◆ Monitor BRAC Cleanup Process at KAFB
- ◆ Foster teamwork approach to solve issues
- ◆ Identify technical topics for the RAB



Operating Procedures

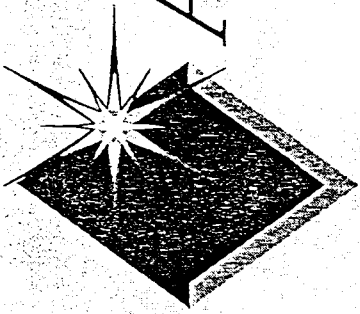
- ◆ Implement Parliamentary Rules
- ◆ Rotating Secretary
- ◆ TRS Meetings not conducted on same day of RAB
- ◆ Reports at RAB
- ◆ RAB members encouraged to attend
- ◆ TRS Meetings open to the public
- ◆ Agenda's developed by the TRS
- ◆ Agenda and minutes distributed by KAFB



Accomplishments

TRS Meeting (October 7, 1997)

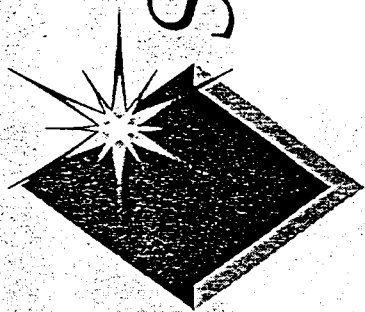
- ◆ Create the TRS
- ◆ Discuss roles and responsibilities of TRS
- ◆ Elect Chairperson
- ◆ Establish Operating Rules
- ◆ Identify Topics and Issues for review
- ◆ Select location and date of next two TRS Meetings



Accomplishments

TRIS Meeting (December 1, 1997)

- ◆ Review and discuss the Zone 5 Remedial Inv.
- ◆ Formulate official comments on documents
- ◆ Distributed USEPA's Media Specific Screening Levels Document
- ◆ Identify Next TRIS Meeting Agenda (Bldg. 1592)
- ◆ Identify Next TRIS Meeting Date (Jan. 27, 1997)
- ◆ Formalized meeting minutes review and approval process



Summary

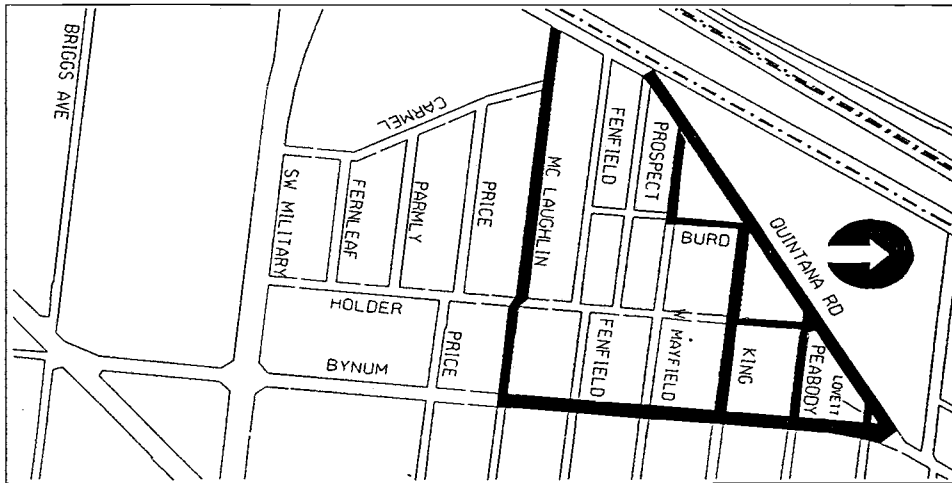
- ◆ The TRS is a responsive, team-oriented, technical group directed to assist the KAFB RAB by providing technical support on the decisions regarding the BRAC Cleanup and Transfer Process at KAFB.

QUINTANA RD DRN #64 EXTENSION

District 4

Pat Mota

207-8144



Scope of Work

This project will complete the construction of the required drainage for the area bounded by Quintana Rd., Bynum Ave. and McLaughlin Ave. Streets to be reconstructed with the project are McLaughlin-Quintana to Bynum; Bynum McLaughlin to Quintana; Quintana-Prospect to Quintana; Mayfield-Quintana to Byrd;Byrd-Mayfield/Quintana;King&Peabody-Bynum/Holder and Holder-King/Quintana

Comments

Funded Through Construction; Currently under final design
USAF/CDBG/Bonds Funded

*Schedule of Work**

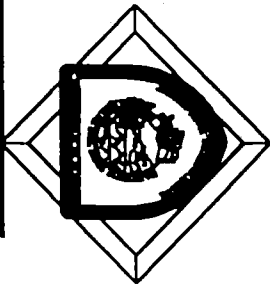
	1997			1998												1999				
	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May		
Design\ROW\Utilities	█	█	█																	
Construction Advertise			█	█																
Construction					█	█	█	█	█	█	█	█	█	█	█	█	█	█		

Construction start: April, 1998
Construction ends: December, 1999

* Chart shows next 18 months estimated activity for this project

Restoration Division

Kelly AFB Texas Environmental Management



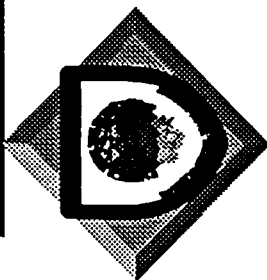
Off-Base Groundwater Plume ZONE 4



2 December 1997

Restoration Division

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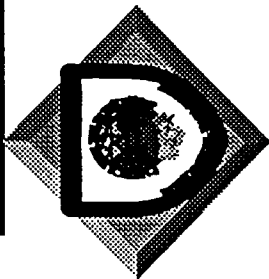


INTRODUCTION

Welcome!

Kelly AFB Texas Environmental Management

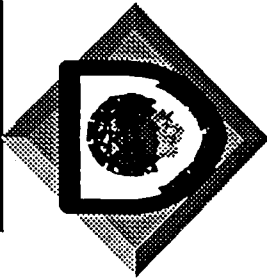
Restoration Division



PRESENTERS

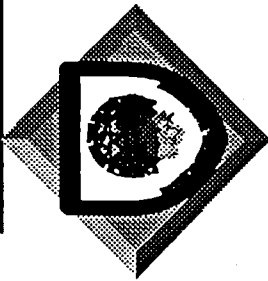
Introduction -- Mike McGhee

Technical Presentation -- William Ryan



Some Background...

- The Dept of Defense and the Air Force have a duty and legal requirement to plan for, fund (via Congress) and manage many environmental programs
- One of our most complex programs is the Restoration, or Cleanup Program (Past) -- required by Presidential Directive
- We aren't just encouraged, but are required to "get the word out" about what is happening in this Cleanup Program

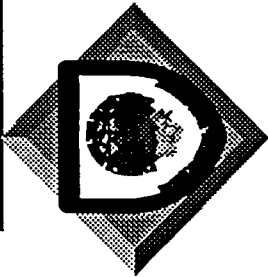


Some More Background...

- How to accomplish? This information is very technical, complex, and is part of a process that occurs over years
- One way is through mail outs, pamphlets, brochures, etc.
- One way is through documents in Public Repositories (S.A. Main Public Library, Kelly AFB Library)
- One way is through Poster Sessions and Info Fairs
- Another way is this Restoration Advisory Board (RAB); set up by Kelly to get volunteers who would talk with their neighbors
 - Share info with neighbors about the Cleanup Program
 - Share with the Air Force regarding community concerns

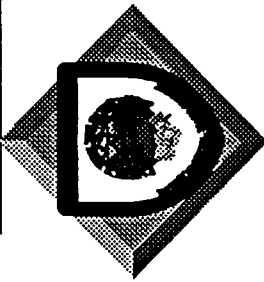
Kelly AFB Texas Environmental Management

Restoration Division



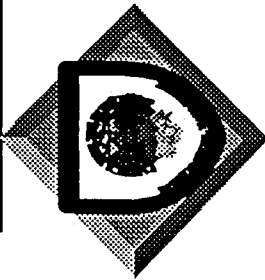
And Some More Background...

- Still hearing: “You’re not getting the word out in a timely manner”
- 97 Basewide Remedial Assessment data coming In
- Report normally released after full year of sampling
- Shows plume off-base to extend farther than we knew it to be, or thought it to be; but still not fully defined
- So, we sent a package to community
 - 14,000 homes, business and schools
 - Coordinated through the San Antonio Metropolitan Health Dist.
 - Introduces this program, and presents current findings



Who Was Contacted

- Reaching community was primary
 - Mail Out (Done)
 - This meeting (Now)
- Needed to reach some other parties as well...
 - RAB Members (Done)
 - Elected Officials (Done, to the degree requested)
 - Regulatory Agencies (Done)
 - ◆ EPA 6
 - ◆ TNRCC (Austin)
 - ◆ TNRCC Region 13 (San Antonio)
 - ◆ San Antonio Metropolitan Health District
 - Media (TV, Radio, Newspapers -- Done)

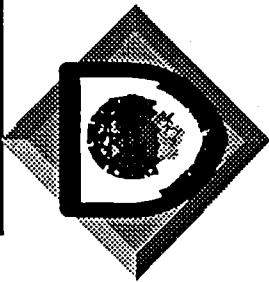


Technical Introduction

- “Zone 4” -- Refers to an area on a map: East Kelly AFB
- “Groundwater” -- Water contained by an underground geologic formation
 - Shallow Groundwater: 15-30 ft. down, subject to spills above
 - Deep Groundwater (Edwards Aquifer): 800-1000 ft. down, drinking water for San Antonio
- “Dense Non-Aqueous-Phase Liquids” -- Solvents like TCE, PCE; think of sugar in iced-tea
- “Parts per billion” -- A measure of concentration; How much of one thing is contained in a billion pieces of another thing.
 - 1 PPB: One drop of water in a city swimming pool
 - 1 PPB: One gallon of gas in 100,000 tanker trucks
 - 5 PPB: 5 gallons of TCE in a billion gallons of water

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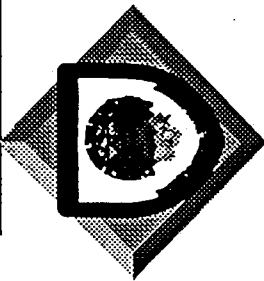
Technical Introduction

- Important Points:
 - Priority #1 tonight is to “get the word out”; “be timely”
 - This is not “the Report” for Zone 4; questions remain
 - An assessment of “what to do” is ahead
 - This is, instead, an update from the Basewide Remedial Assessment annual activities

- Now for the Technical Presentation...

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Off-Base Groundwater Plume ZONE 4

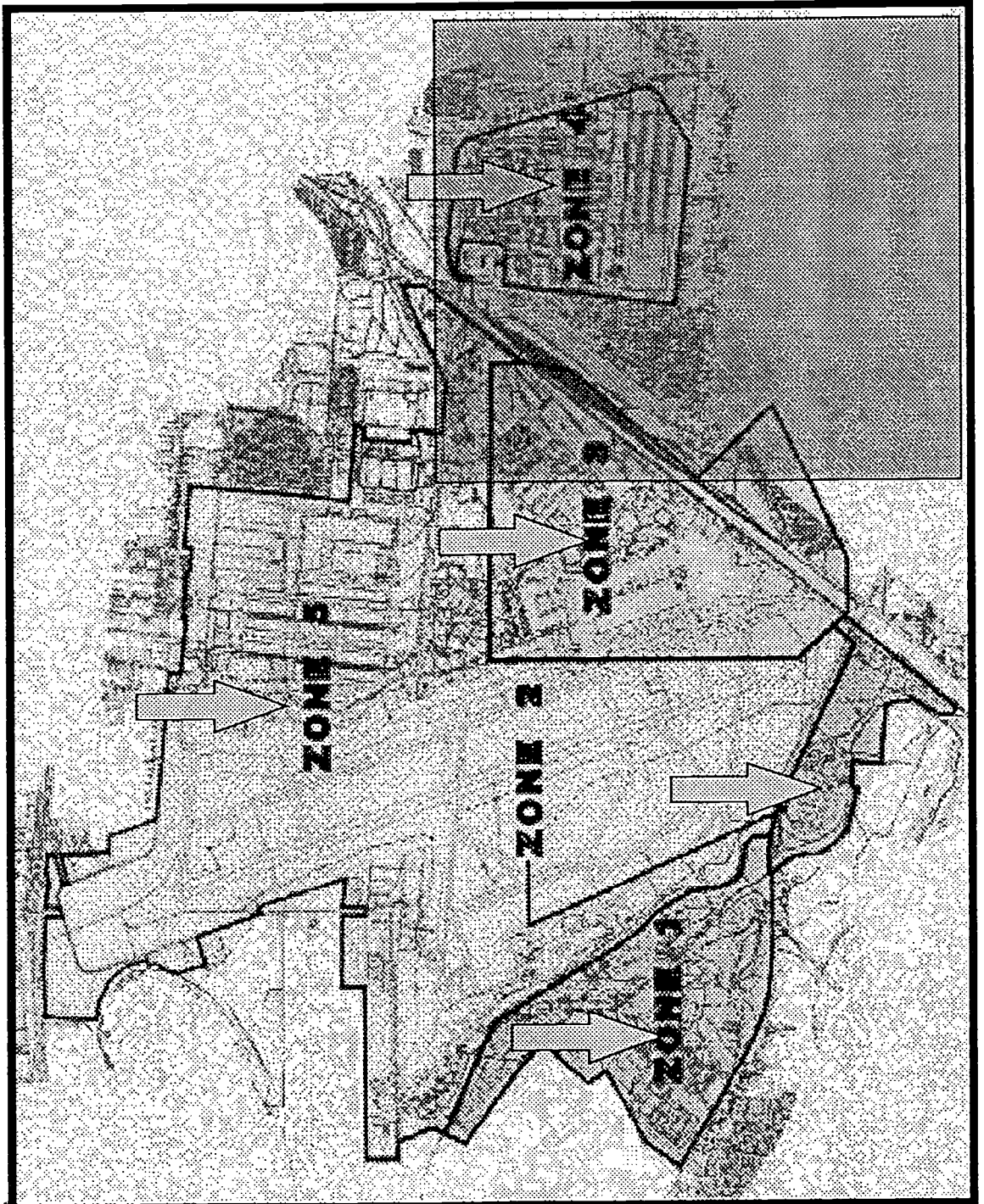
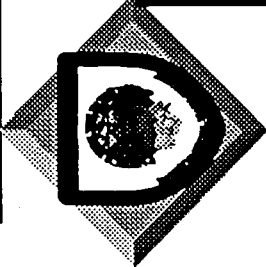


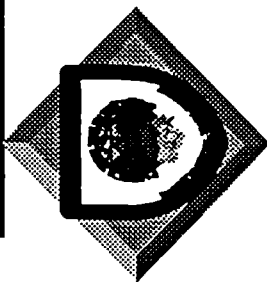
2 December 1997

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IRP ZONE LOCATION MAP



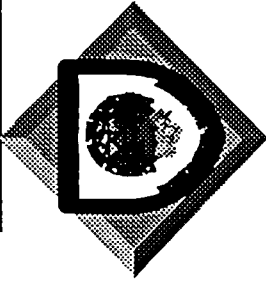


OVERVIEW

- Results of Ongoing Zone 4 Shallow Groundwater Remedial Investigation (RI)
 - Off Base Monitoring Wells
 - Results from groundwater sampling events
- Source Areas Contributing to Off-Base Groundwater Contamination
 - Interim Response Actions
- Zone 4 and Off-Base Groundwater - Next Steps

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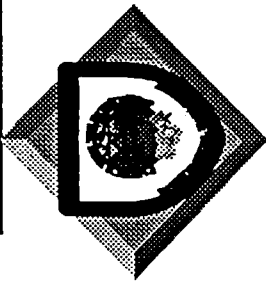
ZONE 4 OFF BASE GROUNDWATER STATUS

- Zone 4 shallow groundwater contamination identified in off base wells
 - Chemicals of Concern - PCE, TCE, DCE, VC
- Additional wells were installed in Aug 97 to further delineate plume and sampled in conjunction with 97 Basewide Remedial Assessment efforts
- Additional wells do not fully delineate the extent of the plume
- Contamination detected off-base approx. 5000 ft from southeastern corner of Zone 4
- Data indicates possible off base sources

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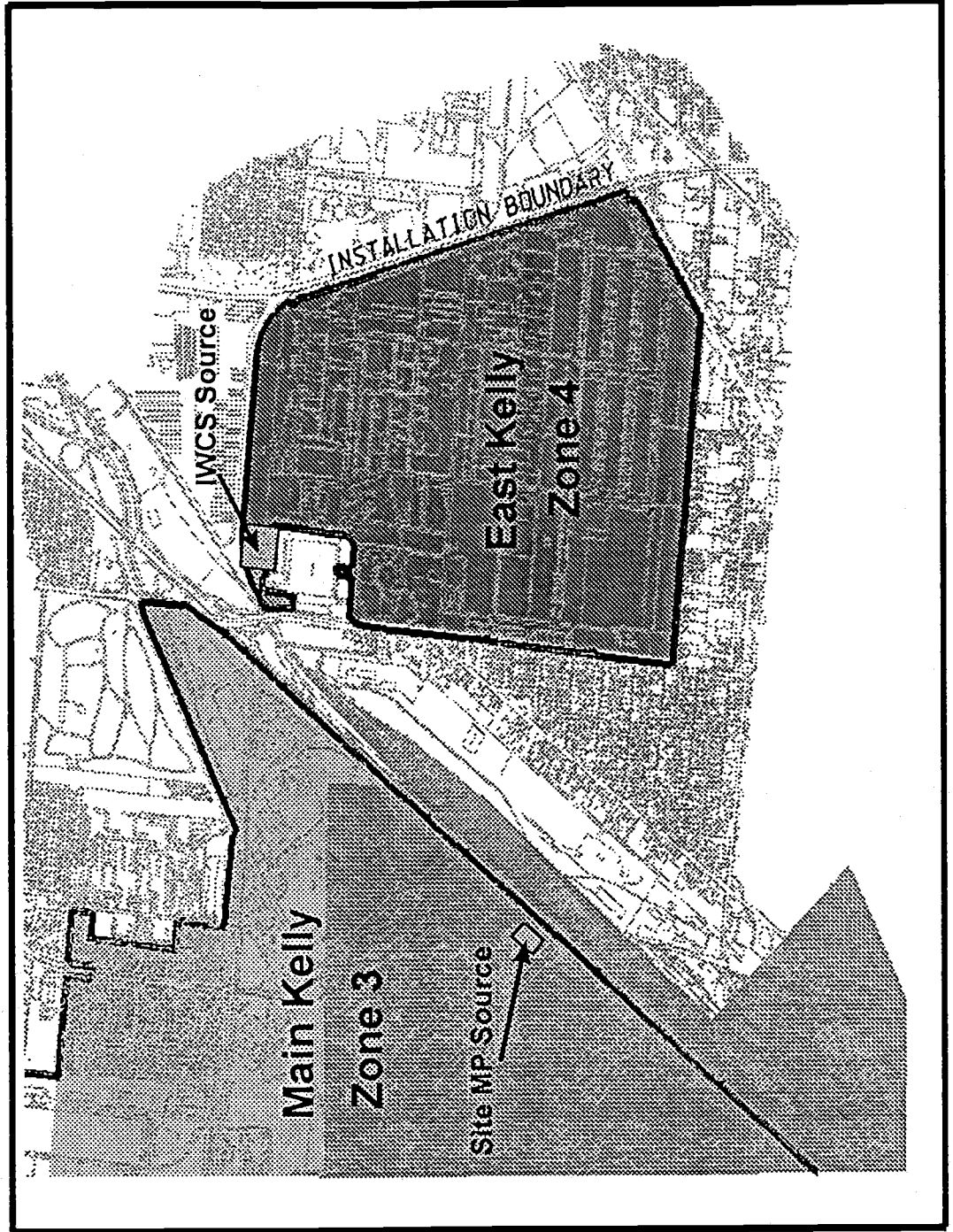
ZONE 4 GROUNDWATER SOURCE AREAS



■ Source areas

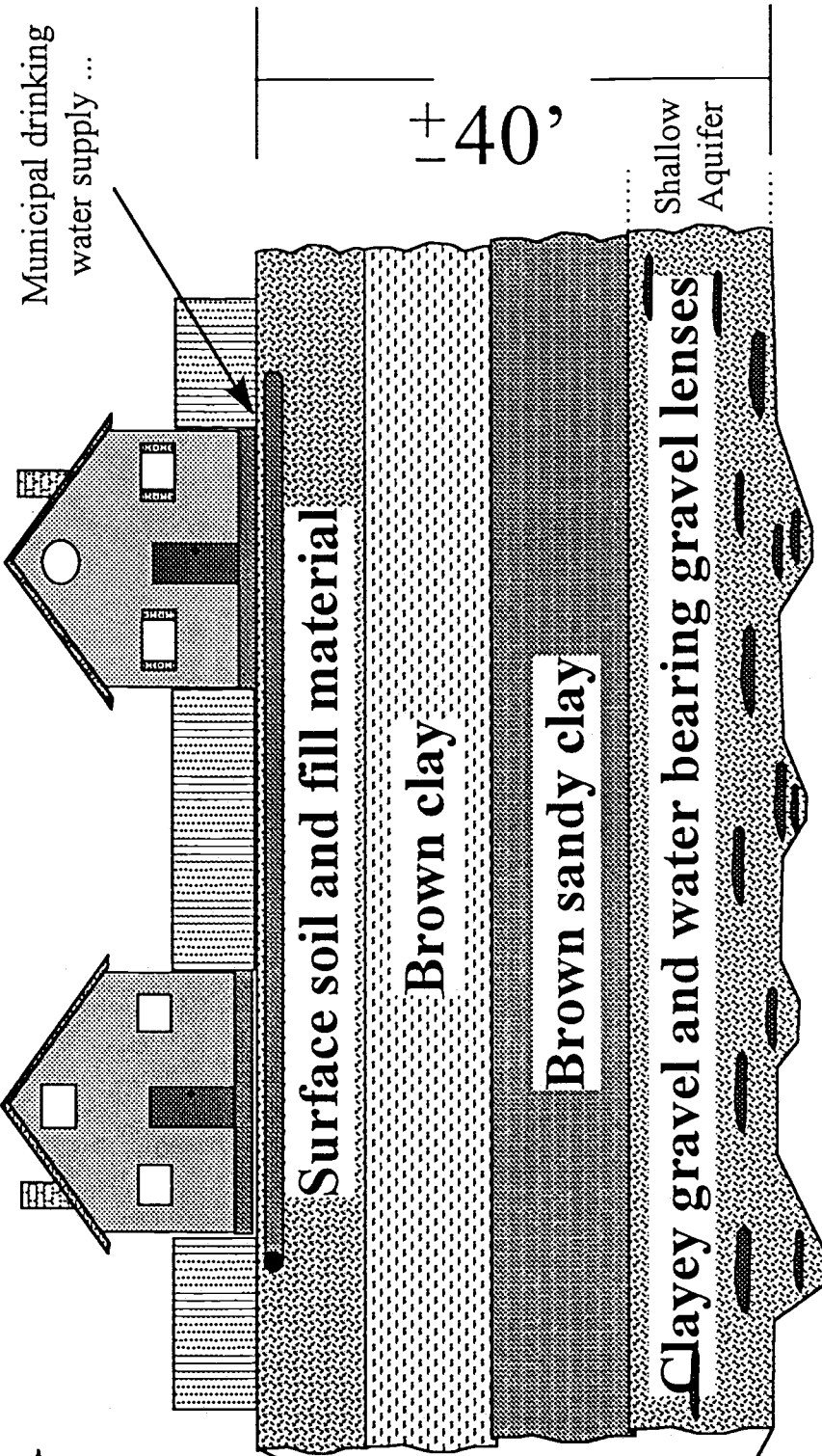
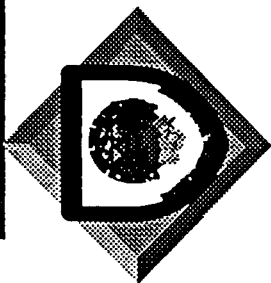
● Site MP --
Zone 3

● Former
IWCS line
(NW corner
of East
Kelly)



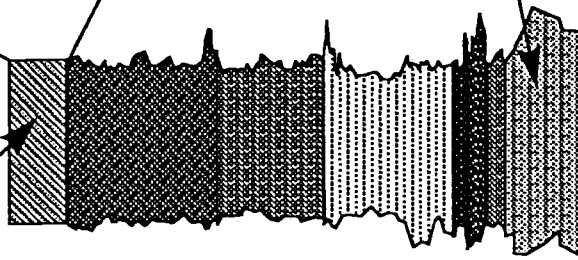
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Top of Navarro Clay

ALLUVIUM

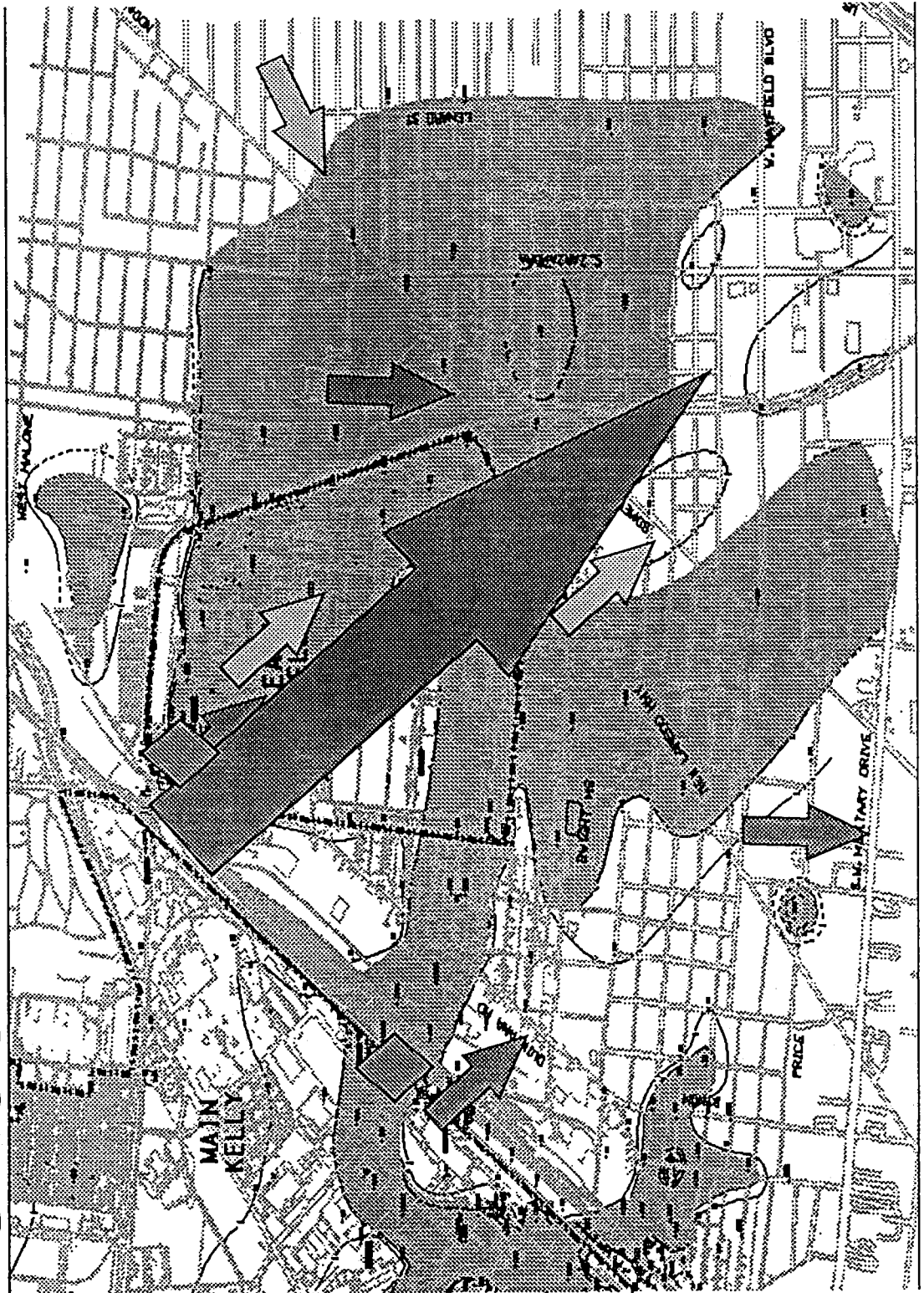
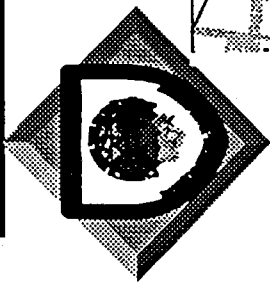


EDWARDS AND ASSOCIATED LIMESTONE

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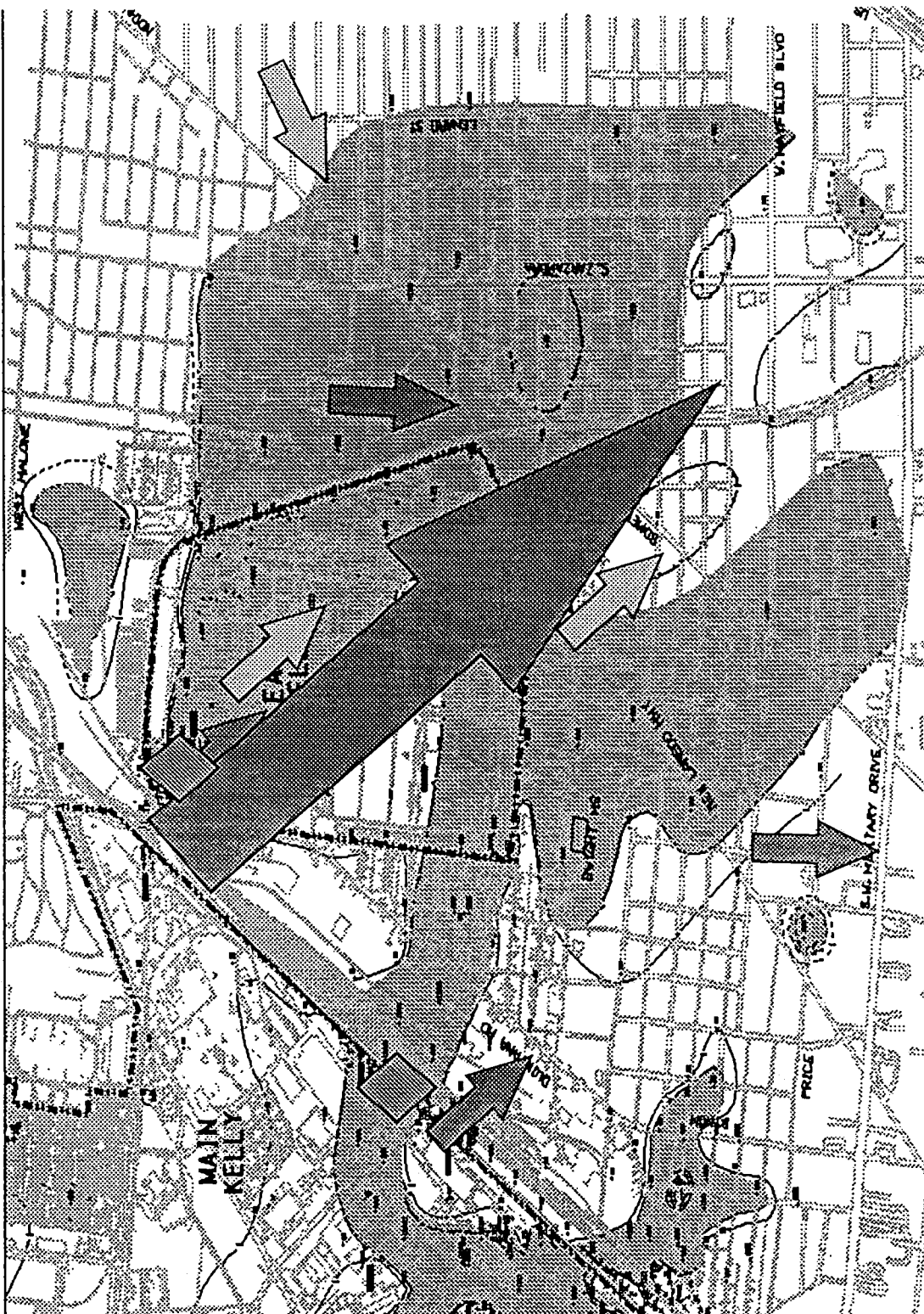
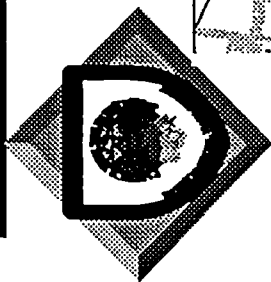
TCE IN SHALLOW GROUNDWATER



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TCE IN SHALLOW GROUNDWATER



Restoration Division

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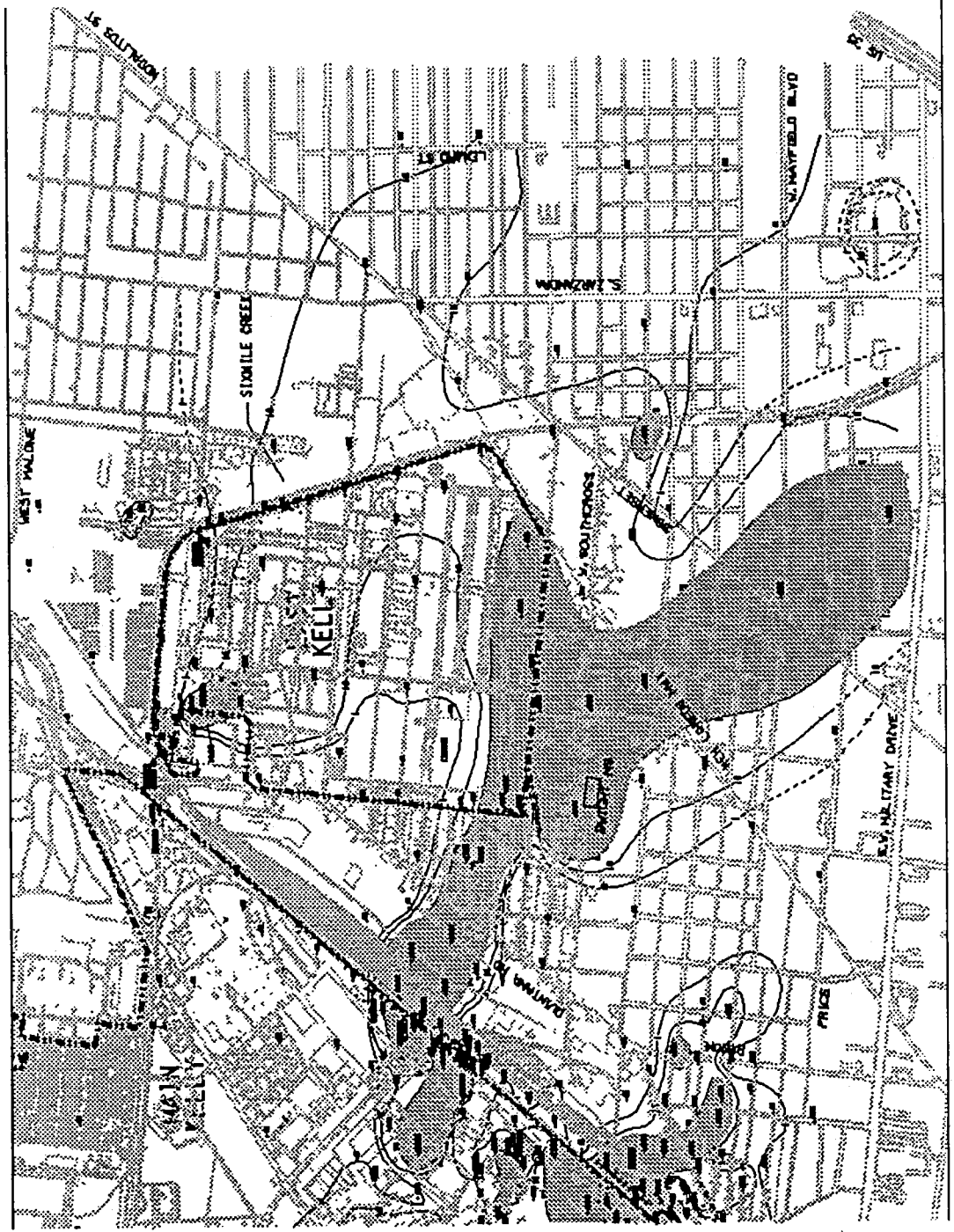
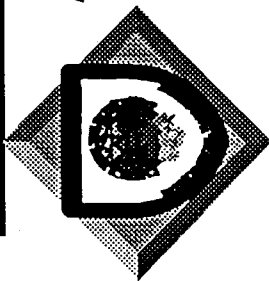
PCE IN SHALLOW GROUNDWATER



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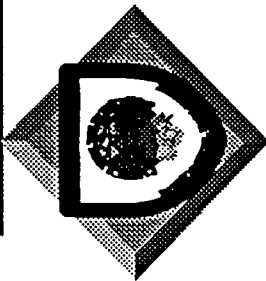
DCE IN SHALLOW GROUNDWATER



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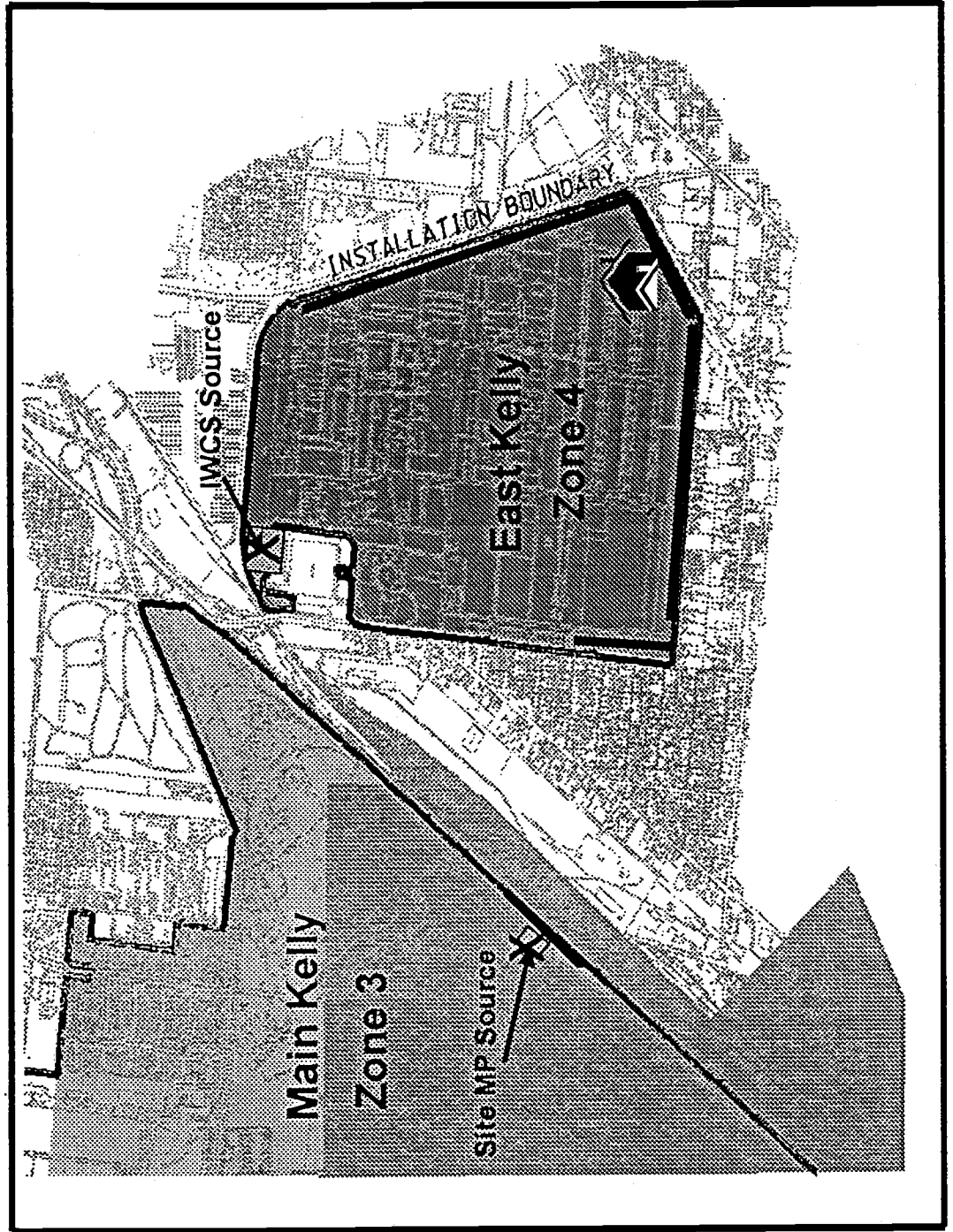
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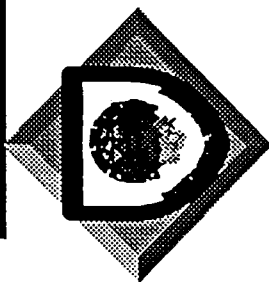
ZONE 4 INTERIM REMEDIAL ACTIONS



■ Interim Response Actions

- Source control - Eliminate continued contaminant contribution to shallow groundwater
- Containment at base boundary Stop movement of contaminated groundwater off base



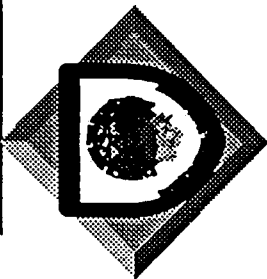


NEXT STEPS

- Continue off base investigation of to determine extent of shallow groundwater contamination
 - Award contract and develop workplan (Jan - Mar 98)
 - Conduct field investigation
 - ◆ Install and sample approximately 40 shallow groundwater wells (Mar - Jul 98)
 - Report of Findings (Aug - Sep 98)
- Neighborhood Water Well Survey
 - Request for well information contained in Public Notice Package mailed to 14,000 area residents
 - Contact survey responders; conduct interview and site visit (1 Dec 97)
 - Collect water sample from wells (Feb - Apr 98)
 - Report of Findings (May -Jun 98)

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THE END

QUESTIONS?

CY98 Environmental Restoration Program



KELLY AIR FORCE BASE, TEXAS

28 JANUARY 1998

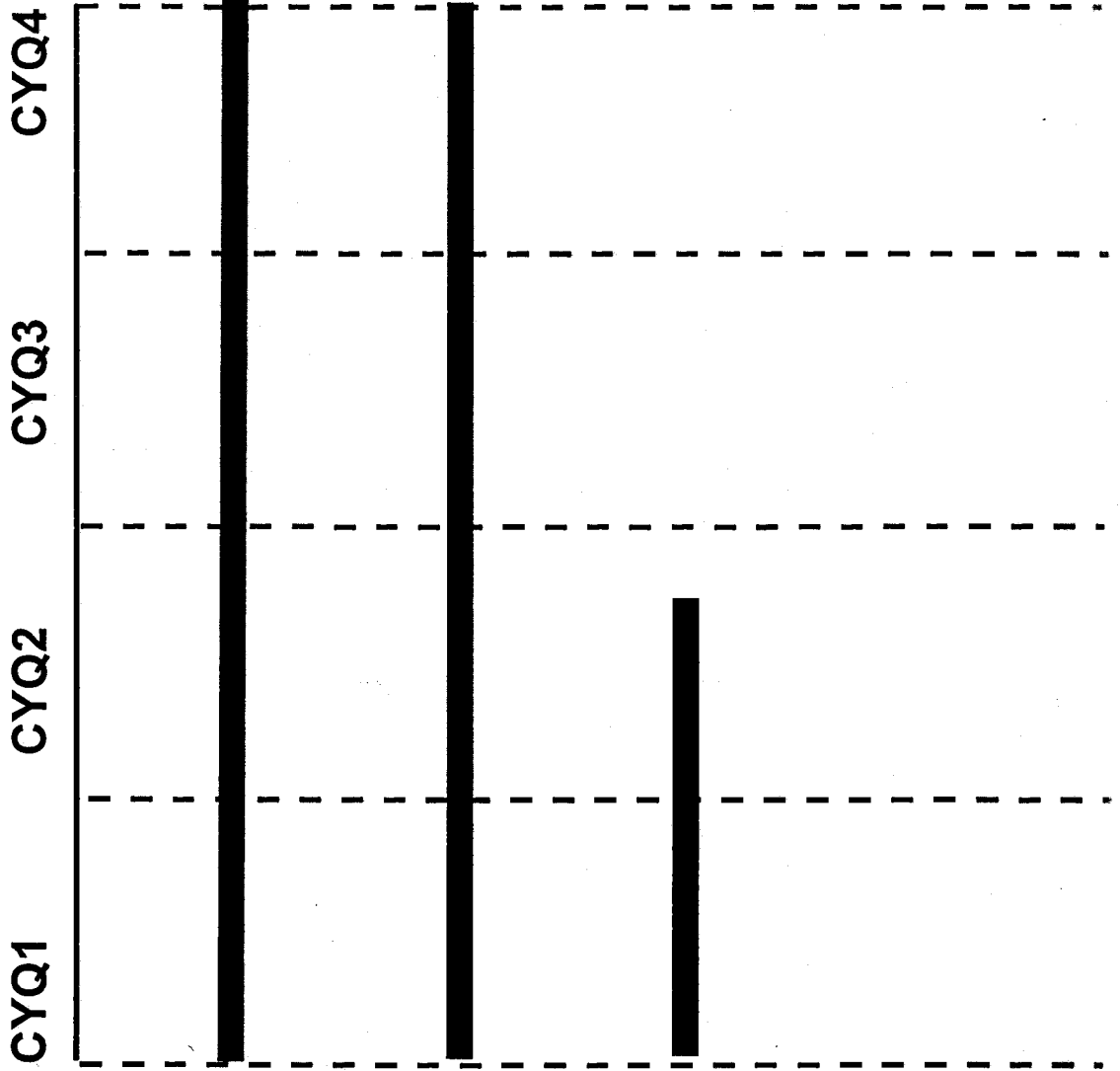


CY98 Kelly AFB Restoration Program Milestones

Zone	RI		FS		RD		IRA	
	Begin	End	Begin	End	Begin	End	Begin	End
1	GW	Nov 92	Nov 92	Mar 96	98(2nd)	99(1st)	99(2nd)	00(1st)
	Soil	Nov 92	98(1st)	99(1st)	99(1st)	99(4th)	00(1st)	02(3rd)
2	GW	Mar 92	Mar 92	Mar 96	97(3rd)	99(3rd)	98(4th)	00(4th)
	Soil	Mar 92	Mar 92	Aug 97	97(3rd)	98(3rd)	98(3rd)	99(1st)
	Site D-10	Aug 95	Aug 95	Jul 97	98(1st)	98(2nd)	98(3rd)	99(1st)
3	GW	Jun 93	Jun 93	Apr 96	97(3rd)	99(3rd)	98(3rd)	00(2nd)
	MP IRA	97(3rd)	98(1st)	97(3rd)	98(3rd)	98(2nd)	98(1st)	98(2nd)
	Soil	Jun 93	Jun 93	Jun 97	97(3rd)	98(3rd)	98(3rd)	99(2nd)
	MP	97(3rd)	98(1st)	98(2nd)	98(4th)	99(1st)	99(1st)	99(4th)
4	GW	ongoing	98(1st)	99(2nd)	99(2nd)	99(4th)	00(1st)	01(3rd)
	IRAS	NA	NA	97(4th)	98(2nd)	98(4th)	98(4th)	99(4th)
5	GW/SOIL	ongoing	98(2nd)	99(3rd)	99(3rd)	00(1st)	00(1st)	01(3rd)
	S-1	NA	NA	97(4th)	98(3rd)	99(1st)	99(2nd)	99(3rd)

CY 98 Activities - Zone 1

Timelines are Estimated



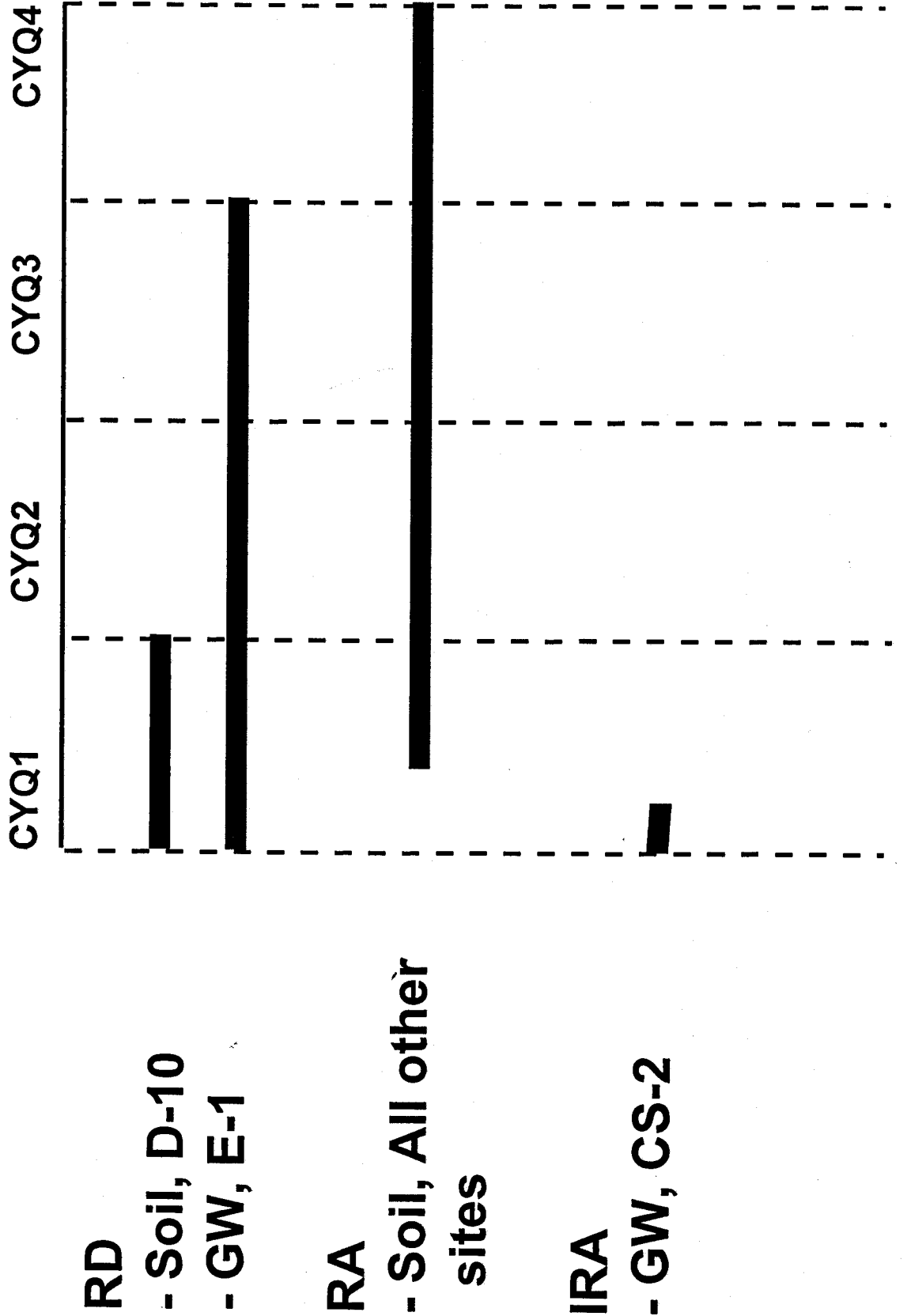
FS
- Soils, Zonewide

RD
- GW, Zonewide

IRA
- GW, Optimization
mult. sites, Leon
Creek

CY 98 Activities - Zone 2

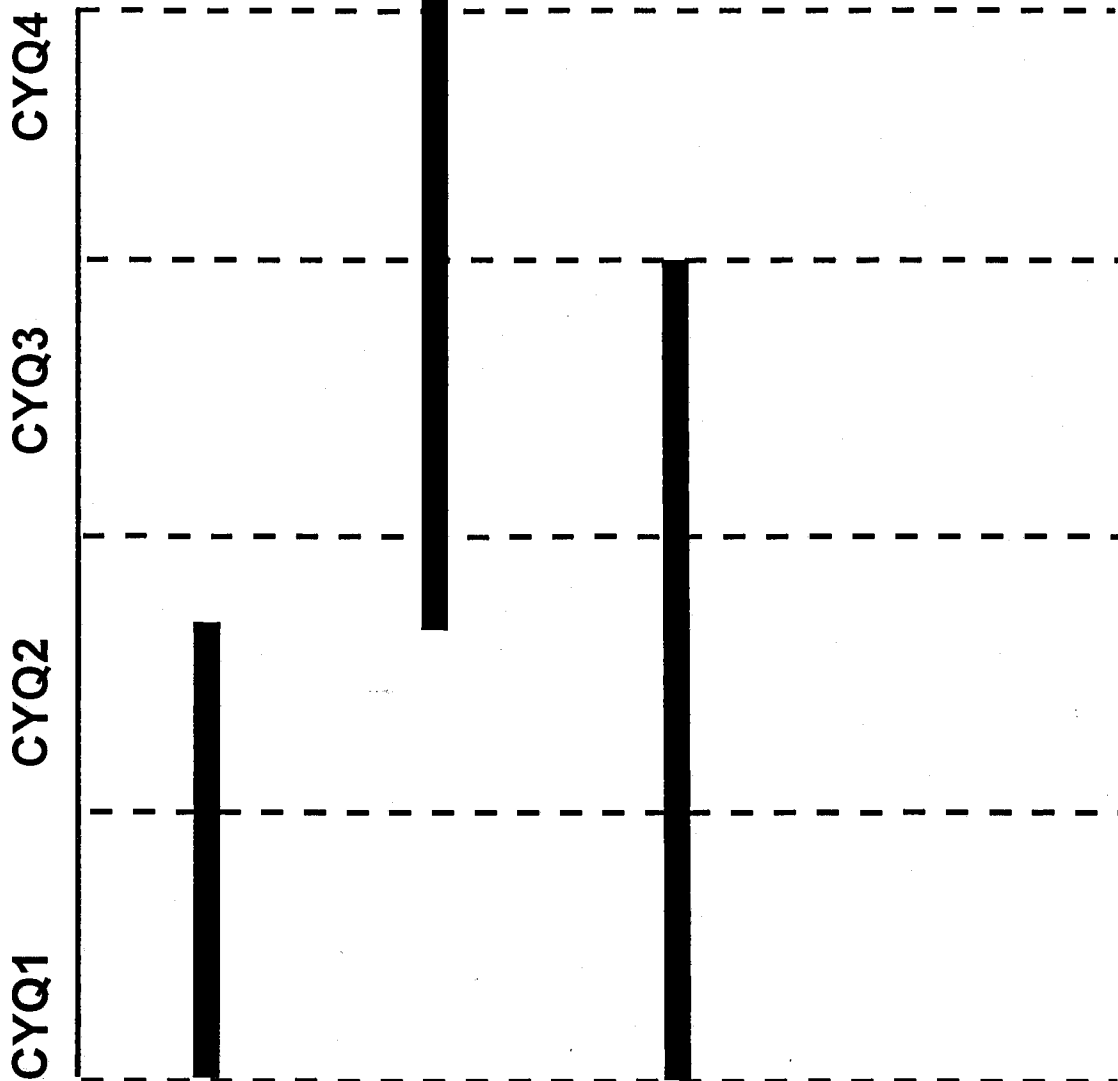
Timelines are Estimated





CY 98 Activities - Zone 3

Timelines are Estimated



RD
- Soil; MP, S-4, S-8

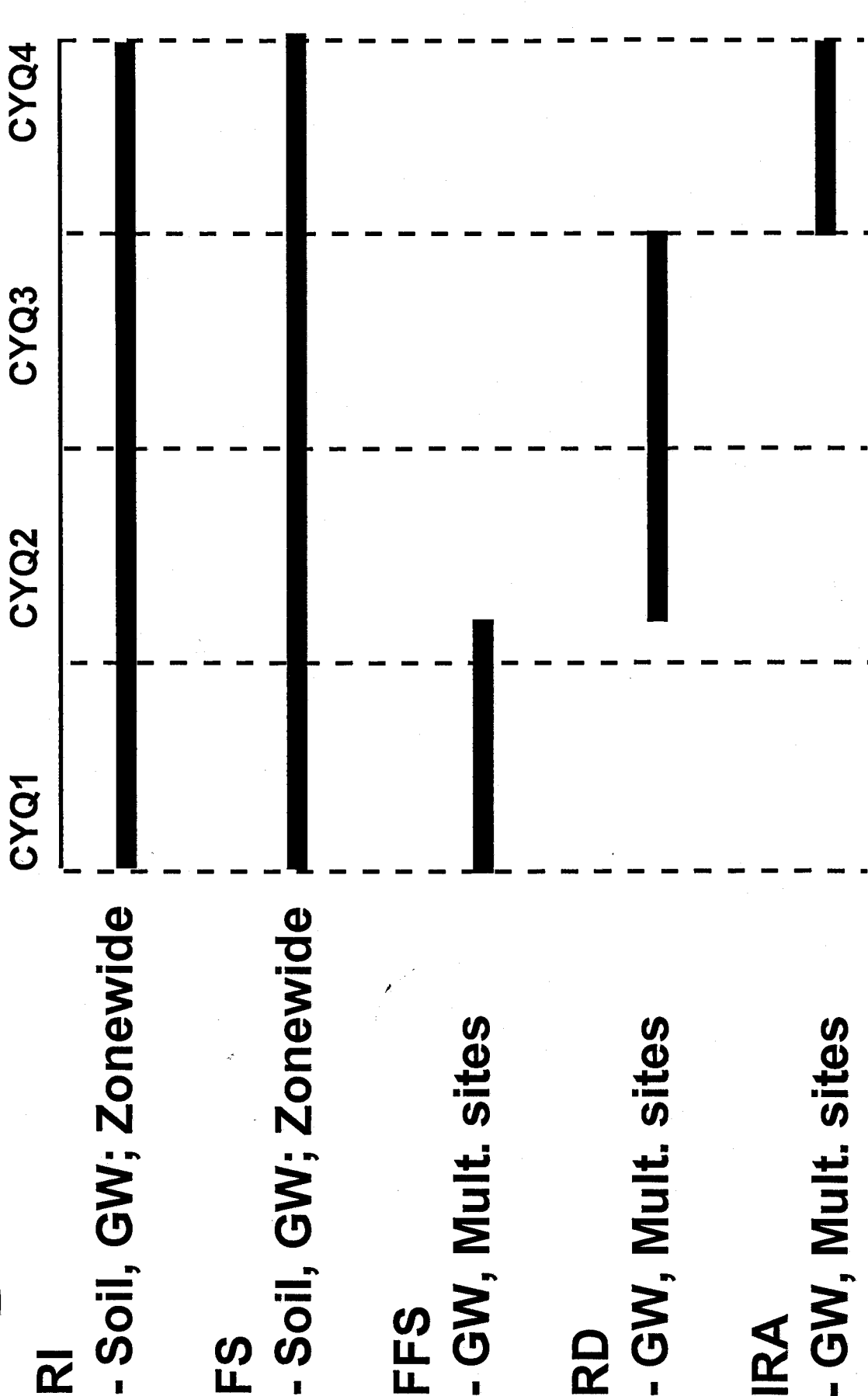
RA
- Soil, MP

IRA
- GW, Mult. sites



CY 98 Activities - Zone 4

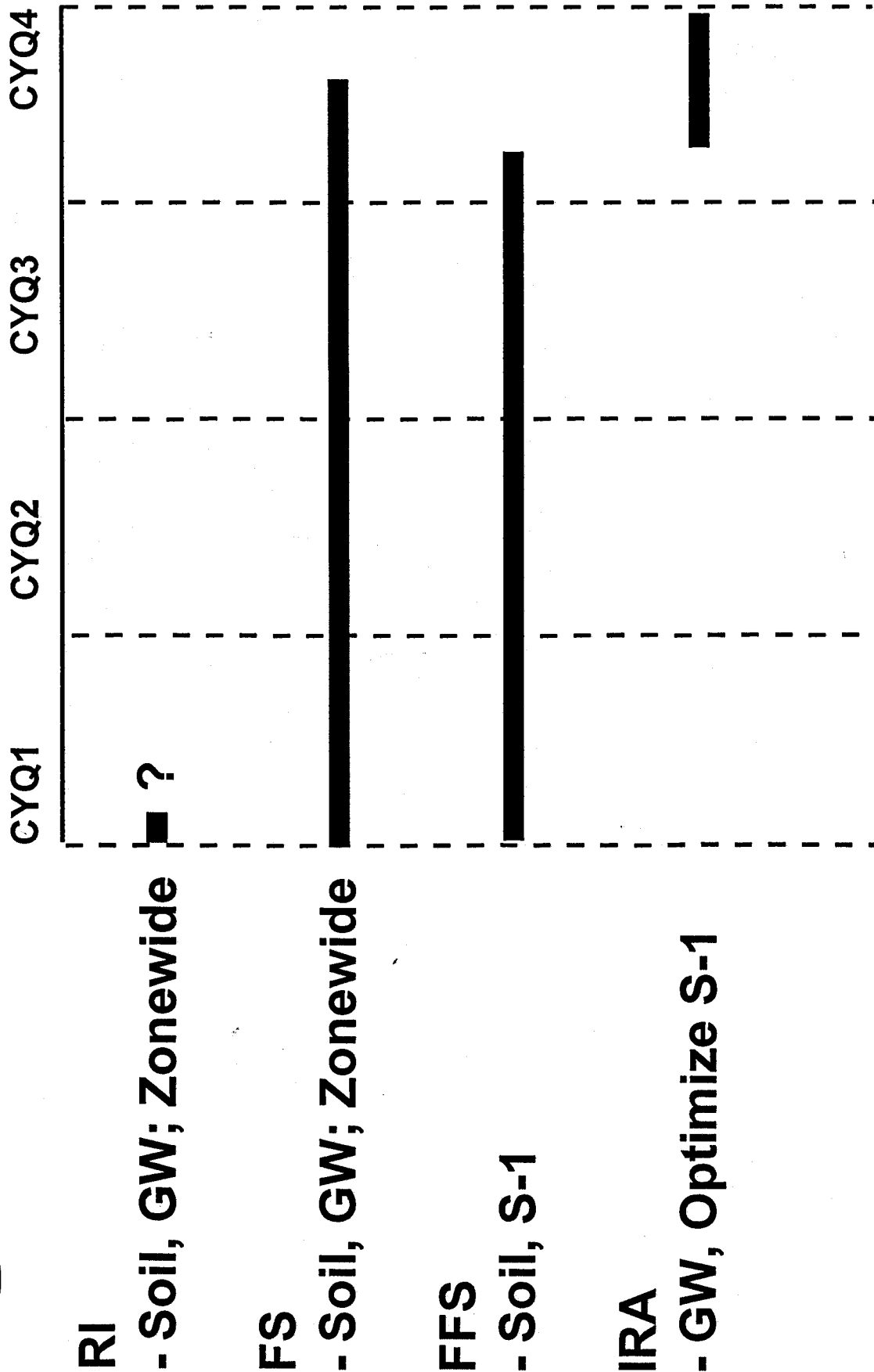
Timelines are Estimated





CY 98 Activities - Zone 5

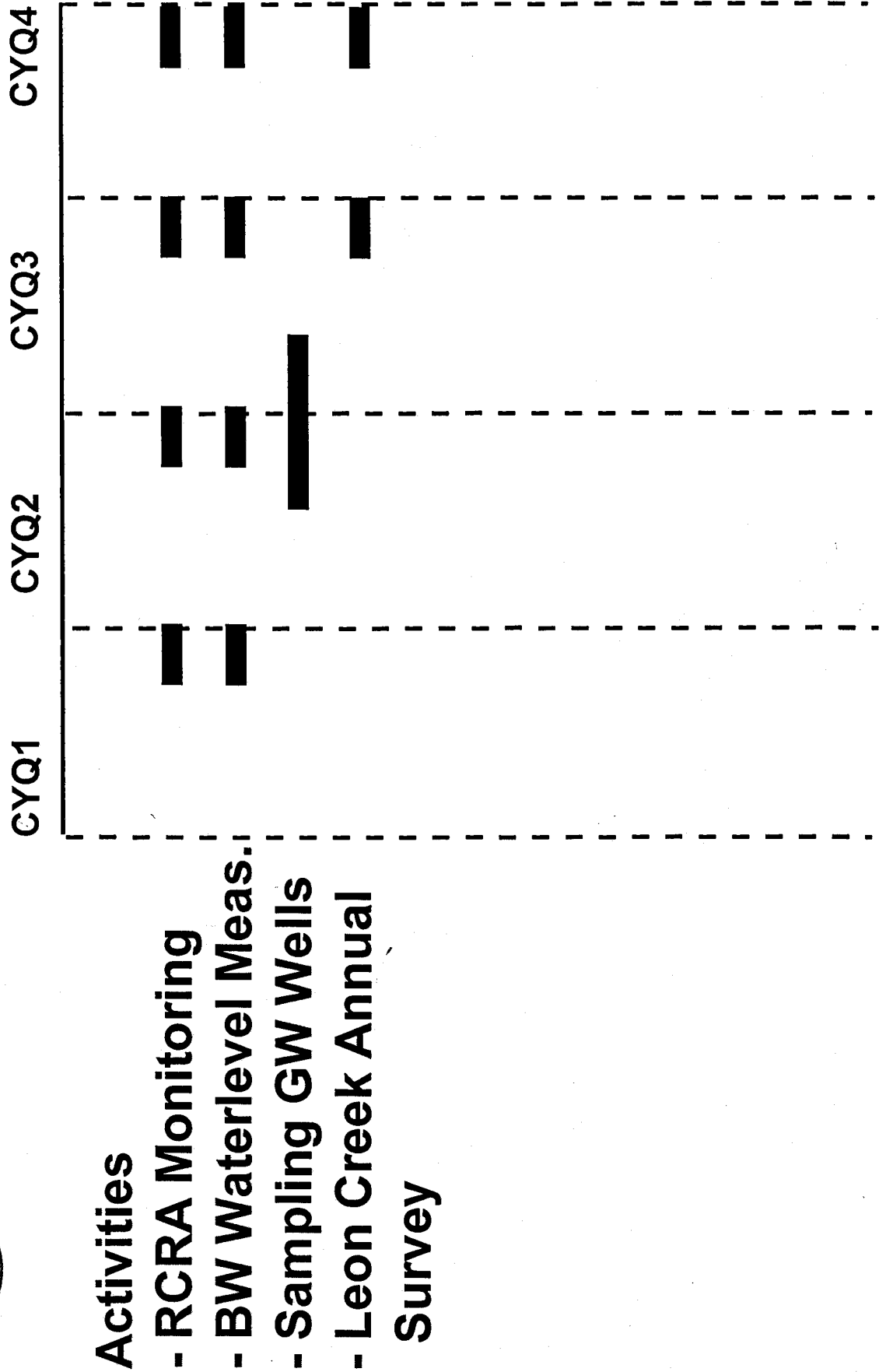
Timelines are Estimated





CY 98 Activities - B.R.A.

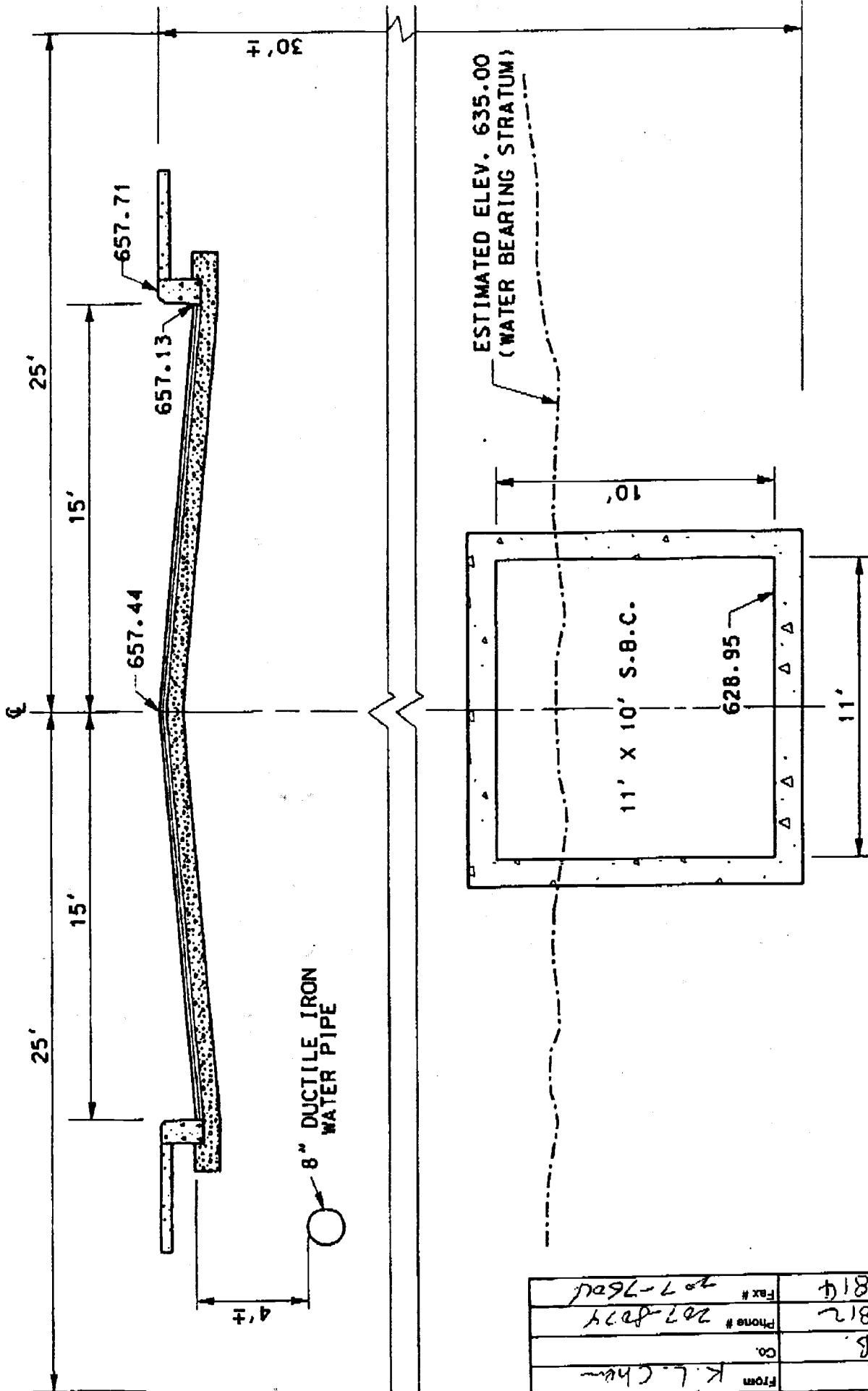
Timelines are Estimated



CY98 Kelly AFB Restoration Program Document Deliverables

Zone	Document	Estimated Delivery (qtr)
1	Draft Soil FS	3 rd
1	Pre-Final GW Remedial Design	3 rd
1	Final Soil FS	4 th
1	Final GW Remedial Design	4 th
2	Site D-10 Soil Pre-Final Remedial Design	1 st
2	Site D-10 Soil Final Remedial Design	1 st
2	Site E-1 GW Pre-Final Remedial Design	2 nd
2	Site E-1 GW Final Remedial Design	3 rd
3	Site MP Soil Draft Closure Plan	2 nd
3	Site MP Soil Final Closure Plan	2 nd
3	IRA Optimization Reports (Multi.)	3 rd & 4 th
3	Sites S-4 & S-8 Soil Draft Closure Plan	1 st
3	Sites S-4 & S-8 Soil Final Closure Plan	2 nd
4	Sites SS040 & SS0551 GW Final FFS	1st
4	Draft RI (OU1)	2 nd
4	Site SS051 GW Draft FFS	1 st
4	Site SS051 GW Final FFS	2 nd
4	Final RI (OU1)	3 rd
4	Sites SS040 & SS051 Pre-Final & Final IRA Design	3 rd
4	Site SS051 Pre-Final and Final IRA Design	4 th
5	Site S-1 Draft Soil FFS	2 nd
5	Site S-1 Final Soil FFS	3 rd
5	Draft FS Report	4 th
5	Final RI Report	4 th

RI - Remedial Investigation, FS - Feasibility Study,
FFS - Focused Feasibility Study, IRA - Interim Remedial
Action, GW - Groundwater



MCLAUGHLIN
STA. 13+50

Post-it® Fax Note	7671	Date	1/28/98	# of pages	1
To	John Perez	From	K. L. Chen	Co./Dept.	K.O. AFB
Phone #	925-1812	Phone #	207-8024		
Fax #	925-1814	Fax #	207-7604		

Notes

FINAL PAGE

ADMINISTRATIVE RECORD

FINAL PAGE