



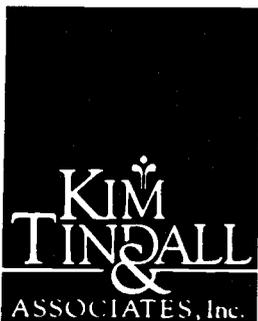
KELLY AFB
TEXAS

ADMINISTRATIVE RECORD
COVER SHEET

AR File Number 150.10

**RESTORATION ADVISORY BOARD MEETING
SEPTEMBER 9, 1997**

COPY



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1 APPEARANCES:

2 MR. EDWARD RIOJAS
3 Kelly Air Force Base Co-Chair;

4 MS. ANNALISA PEACE
5 Community Co-Chair;

6 MR. ALLAN HAGELTHORN
7 Community Member;

8 MR. ARMANDO C. QUINTANILLA
9 Keep South San Proud and CEJA;

10 MR. GEORGE RICE
11 Groundwater Hydrologist;

12 PROF. GENE W. LENE
13 Academic Community;

14 MR. JIM CLARK
15 San Metropolitan Health District,
16 Sam Sanchez alternate;

17 MR. ED WEINSTEIN
18 San Antonio Water System;

19 MS. YOLANDA JOHNSON
20 Committee for Environmental
21 Justice Action;

22 MR. PAUL ROBERSON
23 Greater Kelly Development
24 Corporation;

25 MR. JOHN A. JACOBI, P.E.
Texas Department of Health;

MR. LARRY W. HOFFMANN
Regional Clean Air & Water Assn.;

MS. CAMILLE HUENI
Environmental Protection Agency,
Region 6;

MR. NICOLAS RODRIGUEZ, JR.
Bexar Metropolitan Water
District;

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MR. GARY BEYER
TNRCC;

MR. CARL MIXON
Bexar County Local Emergency
Planning Committee Chairman;

MR. DAMIAN SANDOVAL
Community Member;

MR. SAMUEL MURRAH
Community Member;

MR. WILLIE JONES, JR.
Community Member;

MS. DOMINGA ADAMES
Community Member;

MR. PAUL PERSON
Union Pacific Railroad;

DICIE LEE EYTCHESON
Certified Shorthand Reporter,
Registered Professional Reporter
and Notary Public.
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On the 9th day of September, A.D.
1997, between the hours of 6:00 o'clock p.m. and
10:00 o'clock p.m., the above entitled meeting
came on for discussion before said EDWARD
RIOJAS, and the following proceedings were had:

MR. RIOJAS: Good evening,
everybody, welcome to the RAB meeting. Can you
hear me very well?

THE COURT REPORTER: No.

MR. RIOJAS: I was afraid of
this. I'd like to call the meeting to order.
As always the extra comments from the public
we're going to get and hear at the end of the
meeting for questions on the presentations.
During the break the present -- presenters will
be available to answer your questions also.

So, what I would like to do is I'd like to
open the meeting to anyone who wants to come
up. Please, hold your comments to about four or
five minutes. Members of the community?

MR. MARTINEZ: Yes, I would. As
of -- As a fellow San Antonian I'm concerned
about the way the presentations have gone and
the only -- particular technology that's been
disseminated at the Info Fair. It only

1 addresses a Band-Aid type of restoration of the
2 base. There is a better technology available
3 that will administer the total destruction and
4 restoration of the base, and, I believe, that
5 the -- with additional time it will be
6 disseminated to all individuals concerned. A
7 lot of individuals on base have already received
8 this information, and the remainder of the
9 individuals here and also in town will have
10 this -- that information disseminated.

11 It is a Zero Emissions Energy Recycling and
12 Oxidation System that has already been approved
13 by the EPA, the TNRCC, and the BRAC in
14 California for the initial programs that are
15 the -- being administered as of now. This
16 information, again, will be disseminated to
17 Kelly. I believe, that we are hopefully not at
18 the point that the -- we have one technology
19 that is going to be utilized on Kelly and nobody
20 else has been mentioned.

21 I strongly urge you all to consider viewing
22 this. The name of the technology is ZEEROS,
23 again. It's Zero Emissions Energy Recycling
24 Oxidation System. And just to briefly give you
25 the run down on the Zero Emissions. It's got

1 100 percent DRE, destruction and removal
2 efficiency, Zero Emissions, no waste tax. There
3 is no incineration as those individuals outside
4 are demonstrating against. It takes toxic,
5 nontoxic and hazardous waste. It will soil
6 remediate completely, not Band-Aid type. The
7 air quality is exempt. Again, no emissions.
8 The --

9 MR. RIOJAS: Sir, would you
10 identify yourself, for the record.

11 MR. MARTINEZ: Oh, excuse me. I
12 am Ray Martinez. Just an individual here that
13 lives in San Antonio, but, I believe, there is a
14 better demonstrated available technology that
15 will handle what the base needs.

16 Again, Kelly would not be the -- guinea
17 pig. There are already programs being set up in
18 California to handle those particular bases,
19 therefore, I believe, that it also behooves us
20 to wait and get that information. And any
21 additional information I will be -- I can
22 personally receive and disseminate here or I can
23 have the company disseminate it directly to each
24 and every one of you. My local phone is
25 681-7978. However, if you all wish to deal

1 directly with the company I have an 800 number
2 that is (800) 440-6070.

3 Again, this current technology disposes of
4 waste fuels and residuals, contaminated soils,
5 sludges, solid waste and garbage, liquid wastes,
6 medical and biomedical wastes, asbestos, PCPs
7 that are in the soil, die -- dioxins --
8 dioxins -- Excuse me.

9 MR. RIOJAS: And, Mr. Martinez,
10 you said you were going to provide us with some
11 data?

12 MR. MARTINEZ: I can, if I may
13 just receive a listing of those who are
14 concerned. And also, the names of the peo --
15 people on the Board I can readily have that
16 information available to you this week.

17 MR. QUINTANILLA: Mr. Martinez,
18 do you have the information concerning the
19 groundwater -- the contaminated groundwater?
20 Our process has called for thirty years to clean
21 it up, and even after thirty years the
22 groundwater will not be at the standard it once
23 was where we could drink the --

24 MR. MARTINEZ: I believe, that
25 the -- the information that I have so far

1 addresses only two feet of dirt. We can go up
2 to ten feet.

3 MR. PERSON: Did you say "we"?

4 MR. MARTINEZ: We, the -- the
5 technology that I'm utilizing right now.

6 MR. PERSON: And this is soil
7 oxidation? Peroxide --

8 MR. MARTINEZ: Pardon?

9 MR. PERSON: Peroxide treatment
10 soil oxidation, is that what you're talking
11 about?

12 MR. MARTINEZ: Yes.

13 MR. PERSON: And you're planning
14 on using this as a technology for the sinkers
15 that are currently being investigated in the
16 Kelly project? I -- I -- I'm very familiar with
17 what you're talking about, because I personally
18 use this same technology to remediate soils for
19 the railroad. However, what you're talking
20 about isn't going to work for what we're talking
21 about here.

22 MR. MARTINEZ: I believe, so.

23 I --

24 MR. PERSON: Well, it's
25 thirty-two foot in the ground. I don't see how

1 you can even address the situation.

2 MR. MARTINEZ: It all depends on
3 what's going to be required as to how it's going
4 to be used. And, again, I don't know --

5 MR. PERSON: Are you familiar
6 with the technology? I'm familiar with the
7 technology, and I do use it, and I'm very
8 familiar with what it's capable of doing, and at
9 thirty-two foot in the ground it's not going to
10 work.

11 If you can provide us with the information
12 that would be great. For -- For fuel spills
13 it's excellent, and you're right, it does work.
14 But the situation that we're talking about I
15 don't think it's applicable.

16 MR. RIOJAS: I -- I think, what
17 we need is just provide us with the information
18 and we'll take this to the Technical
19 Subcommittee to take a look at it, and then
20 they'll -- they'll gives us a recommendation
21 back, and we can --

22 MR. MARTINEZ: Fine. I'll be
23 more than happy to do so, and then at that
24 time -- then it can be discussed to completion.

25 MR. RIOJAS: Thank you, sir.

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MR. MARTINEZ: Thank you.

MR. RIOJAS: Anyone else?

(No response.)

MR. RIOJAS: Okay. I would like to go ahead and start the regular RAB meeting with the introduction of the administrative processes. I'm going to read the purpose of the Restoration Advisory Board. I like to do that each time just to make sure the record shows that, and that any new members of the community will understand what the purpose of the RAB is.

"RABs allow members of the community and representatives of the installation, the U.S. Environmental Protection Agency, state regulatory agencies, and local governments to work together towards a common goal.

The RAB has a twofold purpose. First, the RAB is a forum for representatives of the installation, regulatory agencies, and the 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.

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MR. JACOBI: John Jacobi, Texas
Department of Health.

THE COURT REPORTER: I cannot --
I can't hear.

MR. RIOJAS: Okay.

MS. HUENI: I'm Camille Hueni,
I'm with the Environmental Protection Agency,
Dallas, Texas.

MR. BEYER: Gary Beyer with TNRCC
from Austin.

MR. WEINSTEIN: Edward Weinstein
with the San Antonio Water System.

DR. LENE: Gene Lene, academic
community.

MR. HAGELTHORN: Allan
Hagelthorn, community representative.

MR. PERSON: Paul Person, Union
Pacific Railroad.

MR. QUINTANILLA: Armando
Quintanilla, South San.

MR. RICE: George Rice,
community.

MR. SANDOVAL: Damian Sandoval,
community.

MR. JONES: Willie Jones, Jr.

1 Kelly Air Force Base.

2 MR. CLARK: Jim Clark,
3 Metropolitan Health District.

4 MS. ADAMES: Dominga Adames,
5 the --

6 THE COURT REPORTER: I can't
7 hear.

8 MS. ADAMES: Dominga Adames,
9 community.

10 MS. JOHNSON: Yolanda Johnson,
11 and I'm with the Community for Environmental
12 Justice Action, North Kelly Gardens.

13 MR. MIXON: Carl Mixon, Bexar
14 County Fire Marshal, Emergency Medical
15 Coordinator, and also Chairman of the Local
16 Emergency Planning Committee.

17 MR. HOFFMAN: Larry Hoffman,
18 Regional Clean Air & Water Association.

19 MS. PEACE: Annalisa Peace,
20 Community Co-Chair.

21 MR. RIOJAS: I'd like to refer
22 you to the minutes of the last meeting. Are
23 there any corrections or additions to the
24 meetings minutes?

25 MS. PEACE: Two amendments. The

1 first one is on the top of Page 3, where it says
2 "Ms. Peace said that the San Antonio Housing
3 Authority grants building permits for new
4 homes." I didn't say that, and that is
5 incorrect. I believe, I said that the Housing
6 Authority was the one that built those new homes
7 in question, and it is the City of San Antonio
8 that grants the permits for the homes.

9 And the second correction that I have is at
10 the top of Page 6, and it's -- I guess, it's an
11 amendment. I -- I just wanted to add the
12 question that I had asked -- the statement that
13 the Air Force's science is brought into question
14 when the Air Force selectively omits data. I
15 don't remember saying that, as I understand, but
16 what I remember asking is, that how are we
17 supposed to request information if we don't know
18 that that information exists, so -- Under
19 Freedom of Information Act you said that we
20 could request information, but if we don't know
21 that that information exists how are we supposed
22 to request copies of it. And I would like those
23 to be included.

24 MR. JACOBI: I'd also like to
25 mention that the attachments referred to in the

1 minutes were not attached.

2 MR. RIOJAS: We'll have to make
3 those available then. Are they in your
4 package?

5 MR. JACOBI: No. I don't believe
6 so.

7 MR. RIOJAS: Gary, do you know?

8 MR. CRIST: They were all the
9 attachments that were provided at the last RAB
10 meeting. The only thing that's attached to them
11 formally are repositories. Those attachments
12 were already provided at the last meeting.

13 MR. JACOBI: I would agree with
14 that. I would agree with that. They were
15 provided at the last meeting, but they are not
16 attached to the copy that we have here.

17 MR. RIOJAS: I think, we have to
18 make additions to the minutes to reflect that.
19 Other changes?

20 (No response.)

21 MR. RIOJAS: Okay. We're going
22 to go on to Item 3. What I did basically in
23 regards to bringing the statements out, I'd let
24 the community go first, because that's been our
25 practice to do that, but I've changed the

1 order.

2 Next we're going to have a presentation by
3 Mr. Ryan. Basically, what this is, is since
4 we've got some new -- new -- some new Board
5 members we thought it was important for us to go
6 back to the baseline and give them all the
7 briefings and all the names that we've given
8 before. I've got a statement that I've been
9 asked to read by my -- by my Judge Advocate
10 General.

11 MR. MIXON: I'd like to ask a
12 question before we go on.

13 MR. RIOJAS: Sure.

14 MR. MIXON: Before we go on any
15 further could we vote on the minutes? Could we
16 vote on those minutes before we get to the
17 meeting?

18 MR. RIOJAS: Carl Mixon said that
19 we should vote on the minutes, and he's
20 absolutely right. I'm sorry.

21 MR. JACOBI: I move the minutes
22 be accepted as amended.

23 MR. HAGELTHORN: I second.

24 MR. RIOJAS: All in favor?

25 (Members indicate by saying

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"Aye.")

MR. RIOJAS: All opposed?

(No response.)

MR. RIOJAS: Thank you. The Air Force Technical Presentation that we're supposed to be able to cover today has been obtained as a result of our ongoing installation restoration program.

Some of the areas that will be addressed are the subject of pending litigation. Any areas that involve -- that are involved in the litigation will be discussed in a very general way from the Air Force's standpoint. Because of the pending litigation it is not appropriate for our representatives to discuss related information or provide opinions that could in any way prejudice the position of either party in the suit.

If you have a question related to the presentation, please, respect that our representative at the meeting may need time to give a specific answer. In those cases where it is later determined that an unanswered question may be answered we will let you know and provide the answer to you. With that, Mr. Ryan.

1 MR. SANDOVAL: During the course
2 of the presentation will you identify the areas
3 that we -- we can ask questions?

4 MR. RIOJAS: I think, you can ask
5 questions. The -- The question is whether or
6 not we can answer the question.

7 MR. RYAN: Good evening. Good
8 evening, my name is William Ryan I'm with the
9 Environmental Management Director and the Chief
10 of Restoration Program at Kelly Air Force Base.

11 Tonight I'd like to provide a review of
12 previous -- previously released information that
13 shows the extent of contamination from sources
14 on Kelly Air Force Base, and provides a review
15 of what information is available in -- in public
16 repositories.

17 For an overview I'll describe tonight the
18 objectives of remedi -- remedial investigations,
19 feasibility studies, and our Base Wide Remedial
20 Assessment Plan, and present examples of the
21 types of information -- of types of information
22 that can be found in each. I'll also provide
23 information related to the locations for these
24 information -- for this information and where
25 these documents have been placed for public

1 review.

2 And, finally, I'll provide information
3 related to Zone 3 groundwater contamination
4 specifically related to monitor wells ST-006 and
5 MW-018, -023, and -024. Just for orientation
6 purposes this is Kelly Air Force Base. Kelly
7 Air Force Base is divided into five groundwater
8 Zones. Zone 1 is the golf course. Zone 2 is
9 the area just -- just south of the groundwater
10 process controls facility. Zone 3 is the main
11 industrial complex. Zone 4 is east Kelly. And
12 Zone 5 is the flightline 149th area, 443rd area,
13 and storage areas in the 1500 area.

14 We're the first steps in the cleanup
15 program to conduct the Remedial Investigation.
16 The goals of the Remedial Investigation is to
17 determine the nature and the extent of
18 contamination, and determine the nature and
19 extent of the threat to human health and the
20 environment, and also to provide a basis for
21 determining the type of response actions to be
22 considered.

23 So what I'd like to do now is present --
24 And you will find in your package some of the
25 information that you will find available in the

1 remedial investigations that have been
2 distributed to and placed in public access
3 areas -- in the public libraries and the base
4 library.

5 Please, bear in mind that the information
6 that's in your package was reduced from very
7 large amounts to eight and a half by eleven size
8 pieces of paper, so we could generate overheads
9 and also a package for you to review. So the
10 detail on these overheads and in your -- in your
11 handout you may not be able to see exact
12 numbers, so -- But in the repository the
13 full-sized maps, tables and texts that go along
14 with these maps are available.

15 The Zone 1 Remedial Investigation: A
16 public draft of this document was made available
17 in October of 1994, and the final -- and -- I'm
18 sorry. It -- The final was in November of
19 1992. This is an example of the type of
20 information that you'll find in this
21 investigation. This is a -- a soil vapor
22 (inaudible) location. We use this to determine
23 contamination in -- in the soil, and you'll note
24 in the aerial extent of our investigation.

25 MR. RIOJAS: Mr. Ryan, could I

1 ask that you project just a little bit more
2 because when you're getting away from the mic
3 it's hard to hear you.

4 MR. RYAN: Sure. Sure. Zone 2
5 Remedial Investigation was final in March of
6 1992. And I'm really going to try to just flip
7 through these faster, so we have several slides
8 that will just show particular type of
9 information that we collect.

10 This is a copy of an enviro map which is
11 the lower confining layers of the shallow
12 aquifer.

13 The next slide. This is groundwater
14 contours of the shallow aquifer.

15 MR. RIOJAS: Well, what -- what
16 does it mean, though, Mr. Ryan?

17 MR. RYAN: This -- This shows
18 the -- the (inaudible) service of the flow of
19 groundwater in Zone 2.

20 MR. RIOJAS: From the upper
21 left-hand corner to the lower right-hand
22 corner?

23 MR. RYAN: It was also on --
24 Yes. Basically from the upper left to the -- to
25 the lower right. On the west side of the creek

1 from the lower left to the upper right. Leon
2 Creek runs in this area here. (Indicating.)

3 MR. SANDOVAL: Mr. Ryan, could I
4 ask you a quick question. Could you give a
5 brief synopsis of the source -- the soil and
6 groundwater contamination just real broad as
7 you're going through the zones?

8 MR. RYAN: Sure. We've already
9 seen one. Primarily, Zone 1 consists of -- of
10 landfills where waste material was deposited and
11 in early -- distributed through Kelly Air Force
12 Base.

13 Zone -- Zone 2 consists of several areas --
14 sources. One is the -- is the waste pits, fire
15 training areas, and that's -- primarily waste --
16 waste pits and fire training is in Zone 2.

17 MR. SANDOVAL: Both the medians,
18 water and soil contaminated in the zone?

19 MR. RYAN: Right. Correct.

20 MR. SANDOVAL: Thank you.

21 MR. RYAN: From the information
22 that we collected in the Remedial Investigation
23 we compiled that information to generate
24 isocontra lines or isoconcentration lines of the
25 contaminants. This is an example of the

1 manganese isoconcentration line showing --
2 representing the concentration in parts per
3 billion.

4 Chlorobenzene, a chlorinated hydrocarbon,
5 also demonstrating the aerial extent of
6 conc -- concentration in groundwater.

7 And, finally, this is trichlorobenzene, the
8 chlorinated hydrocarbon, found in the
9 groundwater showing the area and the
10 concentrations in the area.

11 Zone 3 Remedial Investigation was final in
12 June of 1993. This is an illustration of the --

13 MR. RIOJAS: You're going to Zone
14 3 now?

15 MR. RYAN: Yes, sir. Zone 3
16 is --

17 MR. RIOJAS: Yeah. Tell people
18 what Zone 3 is.

19 MR. RYAN: Zone 3 is the
20 industrial area of Kelly Air Force Base. The
21 sources of contamination in Zone 3 are primarily
22 SA, which is the site of solvent -- old solvent,
23 and site MP, which is an old metal plating
24 facility; site S-4, which is a fuel spill; site
25 S-6 is the result of a leaking industrial waste

1 water conduction system.

2 MR. QUINTANILLA: Does that map
3 include both on-site and off-site areas?

4 MR. RYAN: Yes, sir. The base --
5 The base boundary is right here. (Indicating.)
6 This is the industrial complex at Kelly Air
7 Force Base; this is the golf course.

8 MR. QUINTANILLA: Approximately
9 how many acres of off-base site is
10 contaminated?

11 MR. RYAN: I don't know that
12 answer right offhand, sir. I'll have to get
13 back to you on that.

14 This -- The previous slide showed the
15 entire Zone -- Zone 3 area and the locations
16 of soil borings and monitor wells. This is --
17 During the Remedial Investigation Phase this is
18 an example of the -- the data that we collect
19 from those wells and -- and soil boring --
20 borings. And they're plotted in types of format
21 and are available in maps, and tables, and
22 charts, and the texts in the RI.

23 From this type of data -- next slide,
24 please -- we generate contramaps also of
25 groundwater contamination. This particular one

1 presents the scope of benzene xylene -- benzene
2 xylene and the distribution of those
3 constituents in groundwater.

4 And, finally, this isoconcentration map of
5 tetrachloroethylene, the PC, PCTC, the -- the
6 chlorinated solvent in the Zone 3 area.

7 MR. RICE: Question, Mr. Ryan.
8 Do you believe that these contaminants
9 originated on Kelly?

10 MR. RIOJAS: George, could I ask
11 you to speak into the mic so we can hear you.

12 MR. RICE: Yes. Do you believe
13 that the contaminants that are in the Quintana
14 Road neighborhood that they originated on Kelly
15 Air Force Base?

16 MR. RYAN: Some of the
17 contamination off base of Zone 3 originated from
18 Kelly Air Force Base. Next slide.

19 MR. QUINTANILLA: What are --
20 What are the other sources of contamination?

21 MR. RYAN: We -- we don't -- what
22 are the possibles -- have we identified -- May I
23 ask you if the question is -- are you asking, do
24 we know exactly --

25 MR. QUINTANILLA: Yes.

1 MR. RYAN: -- what or --

2 MR. QUINTANILLA: Or close to it
3 or speculating or -- You know, was it a cleaning
4 shop, was it a gasoline station, was it --

5 MR. RYAN: Well, we don't know
6 that.

7 MR. QUINTANILLA: -- a welding
8 shop or --

9 MR. RYAN: We don't that.

10 MR. RIOJAS: I must ask you to
11 speak into the mic so the Committee can hear
12 you, Armando.

13 MR. QUINTANILLA: All right.

14 MR. RYAN: Zone 5 Remedial
15 Investigation is completed in January 1997 --
16 the draft was completed in January 1997.

17 The presentation was given to the -- to the
18 RAB on -- on this particular document in April
19 of 1997. It is currently at state and EPA for
20 review of this document, and will be made
21 available to the public after the EPA reviews
22 its data and the incorporation of their comments
23 into the document.

24 MR. RICE: Mr. Ryan, I have the
25 same question with regard to Zone 5. Do you

1 believe that the contaminants that we see off
2 base there in Zone 5 originated on Kelly Air
3 Force Base?

4 MR. RYAN: Some of the
5 contaminants off base did originate there.

6 MR. RICE: Are they the ones that
7 are shown there? The TCE?

8 MR. RYAN: Right. And I'm --
9 Some of the -- Some of the off-base
10 contamination did come from Kelly Air Force
11 Base.

12 MR. RICE: Do you think the
13 contamination shown on this map came from Kelly
14 Air Force Base?

15 MR. RYAN: It's possible that
16 some did not.

17 MR. RICE: It's possible that
18 some did not?

19 MR. RYAN: Yes, sir.

20 MR. QUINTANILLA: What would
21 those contaminations be -- What would those
22 contaminants be?

23 MR. RYAN: These are also
24 contaminated solvents. This particular map here
25 should be TCE. It would be a chlorinated

1 solvent and so forth -- from cleaning or you
2 know --

3 MR. QUINTANILLA: From dry
4 cleaners, that sort of thing?

5 MR. RYAN: That's possible,
6 also. This is PCE in the shallow aquifer in
7 Zone 5 in the isoconcentration lines. And,
8 finally, this is the distribution of PCE in the
9 shallow aquifer in Zone 5.

10 And remember, please, tonight what I was
11 trying to show you is what's the type of
12 information that is available in the public
13 repository. These maps are not intended to --
14 to show the detail and to -- or to be able to
15 discuss in detail. The -- The maps, and the
16 text, and the supporting data that goes along
17 with these documents are available for the
18 public.

19 The next step in -- in the discussions for
20 the remedial process or the cleanup process is
21 feasibility studies. The objective of the
22 Feasibility Study to determine -- is to develop
23 and evaluate the potential remedies that
24 permanently and significant -- significantly
25 reduce the threat to human health and the

1 environment, select cost-effective remedial
2 action alternatives that mitigate the threat and
3 that -- the chief consensus among the state,
4 EPA, and the report (inaudible) regarding the
5 selected response action.

6 The Zone 1 Feasibility Study: The public
7 draft was made available in October of 1994, and
8 final version in March of 1996. This is a map
9 of Zone 1 showing the distribution of TCE in the
10 shallow groundwater.

11 An isoconcentration map of -- of DCE in the
12 shallow groundwater in Zone 1.

13 An isoconcentration map of hydrochloride in
14 shallow groundwater in Zone 1.

15 And an isoconcentration map of benzene in
16 the shallow groundwater in Zone 1, too.

17 The Zone 2 Feasibility Study was also made
18 available for the public in October of 1994 and
19 the final in March of 1996.

20 And Zone 2, remember, was the area of the
21 jet engine T Cells and the environmental process
22 controls facility. This is the distribution of
23 PCE in the shallow aquifer.

24 MR. RIOJAS: Tell the people
25 where that is. That's south of Loop 13, isn't

1 it? Between Loop 13 and Leon Creek, right?

2 MR. RYAN: Yes. This is Loop 13
3 from east to west. The -- The environmental
4 process controls facility is here, and the jet
5 engine T cells are right here. (Indicating.)

6 This is the distribution of PCE in the
7 shallow aquifer, Zone 2.

8 The distribution of TCE in the shallow
9 aquifer in Zone 2.

10 The distribution of DCE in the shallow
11 aquifer in Zone 2.

12 And, finally, the distribution of
13 vinylchloride in the shallow aquifer in Zone 2.

14 MR. RICE: Mr. Ryan, here in
15 Zone 2 do you show the contaminant plume going
16 beyond Leon Creek? I can't -- I'm not sure.

17 MR. RYAN: Yes, it does.

18 MR. RIOJAS: On the last one,
19 George, I think, it did.

20 MR. RYAN: Yes, sir.

21 MR. JACOBI: Mr. Ryan, can you
22 describe the manufacturing process that's used
23 in vinylchloride?

24 MR. RYAN: Vinylchloride is -- is
25 a degradation product -- product of the

1 chlorinated solvents. Both PCE, TCE produce
2 vinylchloride.

3 MR. JACOBI: All right. Thank
4 you.

5 MR. RYAN: The Zone 3 Feasibility
6 Study was made available for public comment in
7 July of 1994, it was final in April of 1996.

8 MR. RIOJAS: Now, where is this
9 all located now?

10 MR. RYAN: Excuse me?

11 MR. RIOJAS: Where is this all
12 located?

13 MR. RYAN: Zone 3 orientation?
14 This is the base boundary north -- running to
15 the northeast, the industrial complex and off
16 base Zone 3. (Indicating.)

17 The first map is an isoconcentration map of
18 trichloroethylene, TCE.

19 This next map is an isoconcentration map of
20 the total PCE, TCE, and DCE, and vinylchloride,
21 all chlorinated solvents.

22 The next map is an isoconcentration map of
23 the total TCE, DCE, PCE, vinylchloride in the
24 southernmost portions of Zone 3.

25 Same isoconcentration map for the

1 chlorinated solvents in the northeast portions
2 of Zone 3, the metal plating facility.

3 MR. RICE: Mr. Ryan?

4 MR. RYAN: Yes, sir.

5 MR. RICE: Comparing
6 this 1996 data with the data that you showed
7 earlier for Zone 3 --

8 MR. RYAN: From the Remedial
9 Investigation.

10 MR. RICE: Yes. Do you have a
11 feeling about what the contaminant plume is
12 doing? Has it stayed about the same; has it
13 grown; has it shrunk?

14 MR. RYAN: Well, in -- Yes. We
15 do have an understanding of that. We -- We
16 conducted a base wide assessment of the
17 groundwater conditions. And the most recent one
18 was conducted in 1996, and we're actually
19 collecting data in 1997. It's an annual report,
20 and I -- I brought some larger maps of this most
21 recent data which depicts the off-base and
22 on-base contaminants in the shallow
23 groundwater. I think, the -- another way to
24 describe our understanding of the plumes on and
25 off base is that as we progress through or

1 program we -- we continually install more wells
2 and borings so we can really better define the
3 extent of -- concerning the growth of the
4 plumes.

5 MR. RICE: And, I guess, to the
6 extent that you find in the later studies larger
7 or smaller than the extent that you found in the
8 previous studies?

9 MR. RYAN: The 1996 Base Wide
10 shows a larger -- a larger area of shallow
11 groundwater contamination, and it's depicted
12 here. (Indicating.)

13 MR. RICE: Thank you.

14 MR. RYAN: The information that I
15 just presented in the Remedial Investigation and
16 Feasibility study are required by regulation
17 that we -- we provide public access to this
18 information, that we provide this information in
19 the public library.

20 The Base Wide Remedial Assessment is a --
21 is a doc -- is a private understanding, but it
22 results in documents, which is a voluntary
23 effort by Kelly Air Force Base, but we have --
24 we do place those documents in the public
25 library for review.

1 The base wide -- As I sort of -- I started
2 to explain to Mr. Rice, the Base Wide Remedial
3 Investigation is the -- is a base wide
4 assessment of groundwater conditions relating to
5 groundwater flow direction and groundwater
6 contamination.

7 We also do base wide modeling and capture
8 zone modelings of our interim -- interim systems
9 through this program. It provides us a -- a
10 snapshot of the entire base and to -- and shows
11 the interrelationship between the five zones
12 that we -- that we address specifically through
13 our RI's affecting the DIRP process.

14 The 1994 Base Wide -- We began the Base
15 Wide Remedial Assessment in 1994. We sampled
16 approximately 800 plus wells every quarter for
17 groundwater flow -- for groundwater elevation
18 measurements, so we can determine groundwater
19 flow. And quarterly -- And annually we
20 measure -- we sample about half of those wells,
21 about 450 of these wells for volatile organics,
22 semi-volatile organics, metals, etcetera in
23 order to generate the maps and the models
24 that -- that -- that define the extent of
25 contamination on a base-wide level. It's a very

1 extensive program, and it -- it gives us a lot
2 of valuable information as it relates to the
3 extent of contamination and the interaction
4 between the various zones.

5 The 1994 Base Wide was final in March of
6 1996. This is contramap -- isocontramap of TCE,
7 PCE, DCE, and vinylchloride in the shallow
8 aquifer. So the -- what this is showing is
9 actually the MCL or the Maximum Concentration
10 Levels of those constituents.

11 This is a busy map, but in the -- in the
12 Base Wide Remedial Assessment it's a large map,
13 it's all in color, it's a very nice, nice map.

14 The '95 Base Wide Remedial Assessment was
15 final in July of 1996.

16 And -- And during this Base Wide Remedial
17 we broke out -- we generated individual maps for
18 each constituents.

19 This is PCE in the shallow aquifer.

20 There's the TCE in the shallow aquifer.

21 There's upside down DCE in the shallow
22 aquifer.

23 There's DCE in the shallow -- shallow
24 aquifer.

25 MR. EMERY: One more time.

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MR. RYAN: There's DCE in the shallow aquifer.

Vinylchloride in the shallow aquifer. Chlorobenzene.

And the last one should be benzene.

Our most recent Base Wide Remedial Assessment was the 1996 remedial base wide, and it was final in July of 1997. We have distribution maps, and this -- the maps that I have here are in large scale in front here, which I'll put out so anyone can review during the break, and I'll be glad to answer any questions. But this is the most recent data that we have on -- on wells that we've sampled.

This is the distribution of PCE in the shallow aquifer.

TCE in the shallow aquifer.

MR. ROBERSON: William?

MR. RYAN: Yes, sir.

MR. ROBERSON: If I could ask a question. Now, this for 1997, it appears as if it's defined -- the plume is larger than it was in earlier assessments. Is that just the -- Is the -- Is the contamination actually moving or are we just getting better data on defining

1 where it is or is it a combination?

2 MR. RYAN: You -- C is the right
3 answer. It's a combination of -- This is '96
4 data, though, sir.

5 MR. ROBERSON: But finalized in
6 1997.

7 MR. RYAN: Finalized in '97.
8 Yes. It's a combination of plume growth and
9 better definition.

10 MR. ROBERSON: But both the --
11 the plume around east Kelly, and then the one
12 down south of there both seem to be a little bit
13 larger than the earlier years; is that correct;
14 am I reading that correct?

15 MR. RYAN: Yes. The -- The
16 definition of the plume is larger than it was
17 presented in '95.

18 MR. SANDOVAL: Mr. Ryan, follow
19 up to Mr. Roberson's questions. In your three
20 years of efforts of sampling the wells closest
21 to the sources, are they attenuating -- going
22 down?

23 MR. RYAN: That's an interesting
24 point. Yes. And we believe that -- there are
25 recent trends in degradation of the chlorinated

1 solvents. This year in the '97 Base Wide
2 Assessment we're collecting data on -- to verify
3 that in certain parameters that exist within the
4 groundwater -- the geochemistry of the
5 groundwater is -- that are conducive to
6 degradation of chlorinated solvents.

7 So we're going to collect that data in the
8 wells that we do sample and see whether if, in
9 fact, we do have the conditions that support
10 that degradation.

11 MR. SANDOVAL: We've not
12 evaluated that effort?

13 MR. RIOJAS: Mr. Ryan, there's
14 also some degradation of the hydrocarbons --
15 also know as natural attenuation?

16 MR. RYAN: Yes, sir. The
17 hydrocarbons are generally more easy to break
18 down than solvents and, therefore, the
19 continuation of the degradation of petroleum
20 hydrocarbons is well-documented.

21 MR. BEYER: It should also be
22 noted that whenever you see vinylchloride,
23 that's -- that's all a product of degradation,
24 so there is degradation occurring.

25 MR. ROBERSON: William, if I

1 could ask, again. As -- as you look at -- As
2 that goes out, can you give me a feel for the
3 levels of concentration, say, at the edge of it
4 as opposed to what it might be closer to the
5 base?

6 MR. RYAN: Sure. I -- I believe,
7 that the outermost line -- I'll move away from
8 the mic; if you can't hear me, say so. This
9 outermost line is -- is generally the
10 non-detectable level of -- of -- it's based on
11 the -- the instrument detection limit, and
12 then --

13 MR. ROBERSON: Why don't you go
14 back to the mic with what you just said so we
15 can hear you.

16 MR. RYAN: The outermost line
17 generally implies the non-detect level of --
18 that's the level of instrument detection. The
19 next line is usually the MCL, or the
20 concentration level, that means drinking water
21 quality, then we generally move in to either
22 tens or a hundred PPB, and then a thousand. So
23 this is a concentration of parts per billion
24 framing from non-detect to generally tens,
25 hundreds, and thousands.

1 MR. ROBERSON: So that was my
2 think -- Let me ask you a different question.
3 If you went out to the edge of it and went out
4 another -- way out another thousand yards, say,
5 and sunk wells you wouldn't expect to find
6 anything, then, would you? I mean, the
7 question, I guess, I'm really asking is, have we
8 gone out and kind of cast our net wide enough to
9 try to find where it might be as opposed to, you
10 know, just kind of inching along as we're --
11 we're trying to find the edge of it?

12 MR. RYAN: In some areas we have,
13 I think, defined the plume adequately. There --
14 there are a couple of -- If you'll notice the
15 Remedial Investigation in Zone 5 is still in
16 draft, the Remedial Investigation in Zone 4 is
17 still ongoing. So we're still investigating the
18 extent of the contamination in those -- in those
19 areas.

20 MR. RIOJAS: Who makes the
21 determination on how far you go out? Is that --
22 Is that your recommendation or is that the
23 TNRCC?

24 MR. RYAN: That's generally the
25 TNRCC and EPA's call.

1 MR. ROBERSON: And -- and -- And
2 what's their criteria? How do you go about
3 telling the Air Force what to do there?

4 MR. BEYER: We review the
5 documents, and then --

6 MR. ROBERSON: That's a good
7 answer.

8 MR. BEYER: And then we have them
9 check out the Q agency and see if there are
10 non-detects, well points, outside of the source
11 to show that -- that they've gone out far
12 enough.

13 Usually, whenever we see dotted lines, that
14 means there's more work to be done. And, in
15 fact -- I don't know if I should put that in,
16 but anyway, the -- they're actually -- there are
17 some more wells that are being installed.

18 MR. ROBERSON: In fact, let me
19 ask this a little bit differently. I mean, it
20 seems to me that the -- the way I interpret the
21 data, that I see for these several years, one
22 way to characterize it might be fairly
23 conservative, going out just a little ways at a
24 time to find out where we are and sinking new
25 wells as opposed to maybe a more aggressive,

1 going way out to see if there's anything, and
2 then working back to try to define the edge of
3 it. But I'm not a scientist, so maybe -- maybe
4 you could answer my question. Is there a
5 preferred way to do that?

6 MS. HUENI: I -- I'll respond to
7 that. In a lot of cases on plumes that have
8 moved off site we do have some control there
9 with the well points or the data points to
10 actually establish a level of non-detect.

11 Now, it actually comes, too, into a factor
12 of, is the well -- is the well controlled
13 enough, you know, to really determine the
14 boundary? And in some areas that's true, other
15 areas that is not. And if that is the case
16 wells will be added out for -- to further
17 delineate the boundaries.

18 MR. ROBERSON: But you see what
19 I'm saying? I -- I mean, every -- every year we
20 do this we find it's gone farther. So have we
21 cast our net wide enough to make sure we've
22 really captured the edge of it?

23 MS. HUENI: I think, probably in
24 most cases we have, at this point, but -- but we
25 also understand the plumes are moving. The

1 source of control is -- is not 100 percent, at
2 this point, so we would expect the plumes to be
3 moving. So we would be anticipating that, say,
4 in 1998, and in the actual placement of
5 additional wells to actually determine the
6 extent of contamination. But right now in most
7 cases we do feel that we have a fairly good
8 delineation of where the MCL line is, which is
9 the drinking water standard of the line. And
10 then, of course, there's an enforcement level,
11 and we've gone beyond that to actually establish
12 down to the non-detect level to the extent of
13 contamination.

14 MR. ROBERSON: So the lines out
15 there, the dotted lines which William described
16 as a non-detectable, those are well below the
17 drinking water standards; is that correct?

18 MS. HUENI: In most cases. Yes,
19 in most cases we do have data to support that.
20 I think, one area that would be the exception
21 would be the area that's just south of Zone 4.
22 If you could point that out for us, William.
23 And it's my understanding we don't really --
24 yeah, to the -- the south and east there -- we
25 don't really have a lot of well control, and the

1 Air Force is going out now and actually drilling
2 additional wells to actually -- actually define
3 the extent in that area.

4 MR. BEYER: The problem with
5 going out real far, and then working your way in
6 is you don't know your flow path. You could be
7 on some other flow path from some other, you
8 know, area in terms of groundwater flow. So
9 usually when you try to chase -- chase the plume
10 you start out from your known source areas, and
11 then work your way out. Because you end up --
12 then you're getting into the other sources or
13 other flow regimes or other parts of the aquifer
14 or other influence.

15 MR. ROBERSON: If I could ask
16 another question. All the -- For example, that
17 in Zone 4, the source of that contamination has
18 been curtailed, hasn't it; is that correct?

19 MR. RYAN: The -- No. The -- The
20 source of -- There is essentially two sources of
21 the plumes that you see in the Zone 4 area. One
22 is up a -- the old abandoned industrial waste
23 system which is located in the northwest corner
24 of Zone 4 right here. (Indicating.)

25 MR. ROBERSON: That's east Kelly,

1 and that's still a source?

2 MR. RYAN: That's on east Kelly,
3 yes. We -- we have -- Through our
4 investigations, our soil work, and our
5 groundwater work we've been able to identify
6 high concentrations in groundwater, but not in
7 soil. Currently, we believe that the -- the
8 constituents are dissolved and are migrating.
9 We still have some more work to do in that
10 area.

11 Another source is MP, the metal plating
12 facility in Zone 3, and that accounts for the
13 plume that is in the southwest and southern
14 portions of Zone 4. And that area we're
15 presently working on in ways to --

16 MR. ROBERSON: I guess, what I
17 meant when I said that "the source is
18 curtailed," I mean, that there's not any new
19 contaminant -- there's not new --

20 MR. RYAN: Oh, no.

21 MR. ROBERSON: It's stuff that's
22 been there for years that's --

23 MR. RIOJAS: It's all real old
24 stuff, Paul.

25 MR. ROBERSON: -- migrating?

1 Okay. But eventually -- I mean, eventually we
2 should see the concentrations decrease as it
3 begins to degrade, shouldn't we?

4 MR. RYAN: Yes. Yes.

5 MR. RIOJAS: Well, some of this
6 stuff dates back to 1932.

7 MR. RICE: I -- Just a follow up
8 on the point that Paul and Larry were talking
9 about. Have we defined the edge of the plume?
10 I think, there's another area where the --
11 there's a big hole in our data. If you look at
12 the southern most point where the plume kind of
13 comes down to like a heart shape, the well
14 that's farthest south MW-18 -- and as of the
15 last sampling it was at 37 parts per million
16 PCE, that's about seven times higher than the
17 drinking water standard; about 2,000 parts per
18 million chromium, that's about 20 times higher
19 than the drinking water standard; and about 2200
20 parts per million nickel, again, about 20 times
21 higher than the drinking water standard. So, I
22 think, that's another area where we to have go
23 and look a little further if you wanted to find
24 the edge of the plume.

25 MR. ROBERSON: Camille and Gary,

1 those numbers sound right to you on the
2 concentrations?

3 MS. HUENI: Yes. I think, those
4 numbers are correct. And actually we'll be
5 speaking to those points a little bit later on,
6 too, so --

7 MR. ROBERSON: Oh, okay.

8 MR. QUINTANILLA: Concerning
9 those points where that area is contaminated,
10 the Air Force plans to place a culvert there
11 to --

12 MS. HUENI: That's correct.

13 MR. QUINTANILLA: -- to hold it.
14 Now, they're also doing this with the City --
15 They had contracted the City to pull out this
16 contaminated dirt, however, there's no -- no
17 permit for a -- for a cleanup plan. There's a
18 permit to clean up the contaminated dirt at
19 Kelly and dispose of it, but there's no permit
20 to take this dirt out.

21 MR. RIOJAS: Armando, I think,
22 you're talking about the -- the waste water --
23 the drainage project that the City has got.

24 MR. QUINTANILLA: Yes. I'm
25 talking about the -- to -- to set up a culvert.

1 The 2.9 million dollar project.

2 MR. RIOJAS: No. That's not an
3 Air Force project; that's a City project.

4 MR. QUINTANILLA: I know. You
5 paid them 2.9 million dollars to do that.

6 MR. RIOJAS: What we did is we
7 paid the Air Force share of them doing that.

8 MR. QUINTANILLA: Yeah.

9 MR. RIOJAS: But that's a City
10 project.

11 MR. QUINTANILLA: True. Granted
12 the City does not have a permit to clean up.

13 MR. RIOJAS: Well, you have to
14 address that to the City.

15 MR. QUINTANILLA: I --

16 MR. BEYER: I can take -- You
17 want me to bring that up to the City?

18 MR. RIOJAS: Armando, the actual
19 intention was we thought he was --

20 MR. BEYER: Armando, they don't
21 need a permit to -- to clean up this. It's the
22 Air Force's contamination, and the way the Air
23 Force is dealing with it is by having the soils
24 handled at -- at Kelly Air Force Base. So any
25 contaminated soil that is dug up will be taken

1 to Kelly and -- and properly managed, and
2 properly disposed of. But the City doesn't need
3 a permit unless they -- The City could get into
4 trouble if they improperly handled the soil.

5 If for some -- some reason we -- they don't
6 handle it properly, you know, the soil is placed
7 in piles that are not properly protected so that
8 there could be exposure to -- to the
9 neighborhood, then they could, you know, end up
10 with fines by the TNRCC, and could also be
11 liable. They would be generating a hazardous
12 waste as they would -- it would be creating
13 waste sites, in which case they would be subject
14 to having to get a Post-Closure Permit of some
15 sort.

16 MR. QUINTANILLA: But my point
17 is, isn't the City doing some of the clean up of
18 the contamination as a result of this culvert?

19 MR. BEYER: Actually, it's just
20 part of their construction project. It's not
21 really -- the -- The intent is not to go out and
22 clean up the soil. The intent is to try to
23 install the culvert, so --

24 MR. SANDOVAL: More or less
25 mitigating that area?

1 MR. BEYER: And -- And since they
2 are coming across contaminated soils -- They
3 know ahead of time that they're going to be
4 coming across contaminated soils so that they
5 can --

6 MR. QUINTANILLA: Neither the
7 City nor Kelly Air Force Base needs -- need a
8 permit to clean up that contaminated area, is
9 what you're saying?

10 MR. BEYER: Kelly -- Kelly is in
11 the process of getting a Post-Closure Care
12 Permit.

13 MR. QUINTANILLA: It's not listed
14 in the site -- off-base site. Not a single
15 off-base site is listed in the permit.

16 MR. BEYER: Well, that's probably
17 part of the groundwater. The contamination
18 that's there in the soil is -- didn't start at
19 the land surface. It actually started -- It was
20 transported there by groundwater. And so it's
21 not really a, quote, site -- in other words, a
22 source of the contamination. It's actually
23 contamination that has -- has flowed there
24 through the groundwater.

25 MR. SANDOVAL: Just a follow up

1 on the Air Force's responsibilities. Will the
2 City be giving the soils to Kelly for proper
3 management of the soils at this construction
4 facility or will Kelly -- will the City do
5 that?

6 MR. BEYER: Kelly.

7 MR. SANDOVAL: So the City's
8 instruction is to take the soil, drop it off at
9 Kelly Air Force Base?

10 MR. BEYER: Correct.

11 MR. SANDOVAL: I have another
12 question to follow up that. Back to Zone 4.
13 Have we determined the rate of movement of
14 groundwater in that area? Do we know how fast
15 it's moving?

16 MR. BEYER: I think, they've
17 conducted those evaluations, and that their
18 reports are in our office right now and we're
19 reviewing it.

20 MR. SANDOVAL: And I have second,
21 I guess, kind of a community question that I
22 would add. If I'm outside the clean area, and
23 it's coming to me, have you notified me that I'm
24 a potential receptor source? My irrigation, my
25 water where I get my drinking water -- probably,

1 not drinking water, but probably my source of
2 irrigation, have you notified me as a community
3 member that there is something coming towards
4 me?

5 MR. BEYER: Yeah. What we do is
6 notify the local County health officials as
7 these off-site migration areas change, so -- And
8 we do that on a periodic basis.

9 MR. SANDOVAL: So does the County
10 send memos or letters to the actual citizens of
11 those houses?

12 MR. BEYER: Actually, what we did
13 the last time was with -- associated with
14 looking at domestic water wells that were
15 completed in the shallow aquifer, and then Kelly
16 Air Force Base took on that responsibility to --

17 MR. SANDOVAL: So the question
18 goes back to Kelly. Has Kelly done that?

19 MR. BEYER: Are you talking about
20 for new -- as the new information comes up?

21 MR. RIOJAS: Yes.

22 MR. RYAN: We have -- As Gary
23 said, we did conduct an evaluation and users of
24 the shallow groundwater and did provide notice
25 to those users. We do plan to revisit that

1 and -- and -- and conduct a new -- I guess, an
2 additional addendum to that study, and if any
3 users are -- are identified, we will notify
4 them.

5 MR. RIOJAS: I guess, to -- to
6 capsule what we're saying is that -- what
7 Mr. Sandoval has asked -- that as you -- you
8 see -- as you drill more wells and you find that
9 the plume has extended and everything is there a
10 notification process. Are the people -- And the
11 answer is yes. There's a -- And also the Air
12 Force has been doing the notification; is that
13 not correct?

14 MR. RYAN: We will -- We will
15 notify the state of the condition, and then
16 there's a -- there's a process that the state
17 follows. And we have taken on the
18 responsibility, I guess, of --

19 MR. RIOJAS: In the past.

20 MR. RYAN: -- in the past of
21 notifying these individuals.

22 MR. ROBERSON: When you say --
23 When you say "notify the individuals," what --
24 what do you mean by that? Is it everybody who
25 lives under the -- under where the contamination

1 is, or over the contamination, or is it just
2 those whom you know have a well -- a shallow
3 well or --

4 MR. RYAN: Certainly the ones who
5 have a well. I'd have to check on whether we
6 notified everyone who lives above the
7 contamination.

8 MR. QUINTANILLA: Could we have
9 that as an agenda item for the next time,
10 please?

11 MR. ROBERSON: Quite frankly, I
12 think, the question is a very good one about
13 notifying people. It's not crystal clear to me
14 whose responsibility that is, though -- State
15 County, City, Air Force. It might be worth --
16 It might be worth discussing that some more. It
17 sounds like the Air Force has taken the
18 initiative, but it's not clear to me that -- if
19 that's really their responsibility, is it? Do
20 you guys know?

21 MR. QUINTANILLA: Here's what
22 happened the last time, General Roberson. I
23 brought it up that there was three wells that
24 the people had in their -- in their
25 neighborhoods -- brought it up to TNRCC there,

1 they in turn called their -- their attorney, the
2 attorney sent a letter to the County Judge and
3 the County health official on it. And, I
4 believe, Kelly in turn went and talked to the
5 people that had those wells. And that was --
6 was the extent of it.

7 MR. ROBERSON: That might be
8 helpful for the RAB to understand how that
9 process works. That's a good question.

10 MR. RIOJAS: We'll have some
11 information for you.

12 MR. QUINTANILLA: But we need to
13 look at it -- revisit that again.

14 MR. ROBERSON: Hey, guys, we're
15 doing some problem solving here tonight. That's
16 great.

17 MR. RYAN: Okay. We'll continue
18 now. The distribution of DCE in the surface
19 aquifer.

20 And, finally, chloride also in the shallow
21 aquifer.

22 Again, this is just a reminder of the 1996
23 Base Wide Remedial Assessment.

24 Chlorobenzene distribution in the shallow
25 aquifer.

1 And, finally, benzene distribution in the
2 shallow aquifer.

3 MR. RICE: Mr. Ryan, I have
4 another question regarding the TCE plume. In
5 1994 the sample of wells -23 and -24 -- Are you
6 familiar with the -- with the wells I'm talking
7 about on the eastern edge of the plume?

8 MR. RYAN: Yes, sir.

9 MR. RICE: And there -- In each
10 case about 5 parts per million TCE was found in
11 those wells, which is right at the drinking
12 water standard, but you didn't sample them
13 afterwards or -- for this ground here. And my
14 question is, since those wells had problems --
15 it was TCE at the drinking water standard of
16 both of them, why weren't they sampled in
17 subsequent rounds?

18 MR. RYAN: Those wells -- You're
19 correct. They were not sampled in the '96 Base
20 Wide. We have other wells in the vicinity that
21 we feel represent the condition of the
22 groundwater that we did sample, and we are
23 sampling those wells in the 1997 Base Wide.

24 So, that's the type of information that we
25 have, and just some of the information that we

1 have available for -- for public review.

2 Now, I'd like to go over just some of the
3 locations that you can find this information.
4 And one of the main locations is the Main San
5 Antonio Public Library. We have over 150
6 documents there. Perhaps 50 or so of those,
7 maybe a third, are not required to be there, but
8 were put there as a courtesy to -- to the
9 public. And I have provided here -- and in your
10 handouts the address, phone number, hours of
11 operation, and specific locations of the -- the
12 Kelly Air Force Base documents. And that --

13 Also, we -- we went and visited the San
14 Antonio Library, and there's a -- electronic
15 photos of how to get there as you go in the
16 door, up the elevators, across the second floor,
17 to the west side of the building, and go to the
18 Document -- Document Counter. And there's an
19 individual there who can help you and locate the
20 book shelves of Kelly documents.

21 I also have -- brought with me an Index of
22 all the documents that we have available in the
23 public library, and I'll place it up here for
24 for you to look at during the break.

25 Another location is the San Antonio -- I

1 mean, the Kelly Air Force Base Main Library,
2 which is located at 50 Goodrich Road. I also
3 provided a phone number, and hours of operation
4 for -- for this library, and also a description
5 of -- of where you can find the documents.

6 MR. SANDOVAL: I have not tried
7 this. This is just general information. Is it
8 very easy to get on base to go to the library?
9 If I go through the gate to ask to get to the --

10 MR. RIOJAS: No, it is not. It's
11 not an open base like Fort Sam Houston is. You
12 have to have a need to go on base, you have to
13 have a decal, and a detailed request to get
14 through the monitor guard and things like that.
15 So this is -- this is information provided for
16 those people who have regular access, you know.

17 MR. RYAN: Sir, the information
18 that is in the Main Library is duplicated in
19 this library. It's the same. In the Main Kelly
20 Library, it's on the main floor, in the main
21 room of the Kelly Air Force Base Library, it's
22 on the west side of the building, and it's in
23 the Kelly Air Force Base Environmental Section
24 of the library.

25 MR. QUINTANILLA: One question

1 concerning the library. Is the transcripts
2 there at that library -- at the Main Library?

3 MR. RYAN: The transcripts of --

4 MR. QUINTANILLA: The one that
5 she's typing up now. The transcript of this
6 meeting.

7 MR. RYAN: I don't believe we
8 have RAB transcripts in the library.

9 MR. QUINTANILLA: Why not?

10 MR. RIOJAS: I can't answer
11 that. Did you hear what the question was?

12 MR. CRIST: (Inaudible.)

13 MR. RIOJAS: Is there a copy of
14 the transcripts at the library?

15 MR. CRIST: (Inaudible.)

16 MR. QUINTANILLA: I can't hear,
17 sir.

18 MR. RIOJAS: He says he doesn't
19 believe that we ever put it there.

20 MR. SANDOVAL: I think they
21 should be entered as part of the Administrative
22 Record.

23 MS. PEACE: I agree. I agree.

24 MR. QUINTANILLA: Can we put that
25 as an agenda item?

1 MR. EMERY: Okay. I'll look into
2 that and see if we can do that. And we'll put
3 that as an agenda item for the next time, and
4 I'll address that.

5 MR. QUINTANILLA: Along with the
6 other one from General Roberson?

7 MR. RYAN: Another location where
8 we do maintain these documents is the official
9 Kelly Air Force Base Administrative Records.
10 This is the Administrative Records which is
11 required by regulations that we maintain. This
12 Administrative -- Administrative Record is
13 duplicated in the Main San Antonio Library and
14 the Base Library. This is the record. It's
15 maintained at Kelly. It's not really available
16 for public review, but it is duplicated in the
17 Main Library.

18 Also, documents that we submit to the state
19 and the EPA are maintained at the Regional Main
20 Library, the TNRCC Headquarter's Library.
21 There's names, addresses, phone numbers, and one
22 of our representatives, Camille and Gary, are
23 identified to the state as TNRCC contacts, and
24 the operations of those facilities. So those
25 documents submitted to state and EPA are

1 available through their libraries, also. And
2 this is the -- the state phone number, location,
3 etcetera, hours of operation.

4 That concludes my presentation on the
5 existing information. And, now, I would like to
6 turn to the specific -- Yes, sir.

7 MR. SANDOVAL: One last question,
8 sir. In my packet the only handout I have is
9 for the Main Public Library; is that correct?

10 MR. RYAN: I'm sorry?

11 MR. SANDOVAL: In the packet, the
12 only handout I have is for the Main Public
13 Library?

14 MR. RYAN: That should have been
15 included in the packet.

16 MR. MIXON: It's not.

17 MR. RIOJAS: We'll have to get it
18 in the packets of the RAB meeting.

19 MR. EMERY: Okay. We'll get it
20 to the RAB members then. You have everything up
21 to -- you -- You have the Public Library
22 information, but nothing past.

23 MR. HOFFMANN: That's correct.

24 MR. RYAN: I'd like to turn our
25 attention now to specifically address wells

1 SE-006, MW-018, -23, and -24. And for your
2 information, the -- the data collected for those
3 wells has been placed in the San Antonio
4 Library, and the Base Library, and it's also
5 maintained at Kelly Air Force Base. What you
6 have in your package is a memorandum for
7 information which is provided also with that
8 binder or collection of information.

9 The -- The monitor wells, I -- I'll refer
10 to them as -18, -23, and -24, which are located
11 off base, Zone 3, southeast of main Kelly, and
12 installed in the member of -- of 1994 as part of
13 an agreement with the City of San Antonio in
14 support of the Quintana Road Project.

15 Screen samples were collected after well
16 drought in -- in December of 1994, and the
17 objective -- the objective of the sampling was
18 to confirm the presence of contamination in
19 groundwater -- for groundwater monitoring during
20 the construction of this project.

21 These samples were not collected as part of
22 the Installation Research Program and,
23 therefore, data did not appear in the Remedial
24 Investigation Feasibility Study documents, which
25 we just discussed. There is no regulatory

1 requirement to release this data.

2 In addition, the sample results we
3 received -- The sampling results from these
4 wells do not pose a threat to human health or
5 the environment, nor do they change the remedial
6 action selected for this area.

7 Monitor Well 18 was included in the 1996
8 Base Wide Remedial Assessment to evaluate the
9 status of groundwater conditions in Zone 3.
10 Wells 23 and 24 were not selected as there are
11 other wells in the vicinity that provide
12 adequate representation of groundwater
13 conditions.

14 And it should be noted, as I mentioned
15 earlier, that all three of these wells have been
16 sampled for the 1996 Base Wide Remedial
17 Assessment. Any questions?

18 MR. RICE: Yeah. Back to my
19 question I asked earlier about why you didn't
20 include -24 and -24 even though they had
21 contaminant concentrations that equaled the
22 standards. The other well that you sampled in
23 that area did that ever show contaminant
24 concentration in the drinking water standards?

25 MR. RYAN: The other wells?

1 MR. RICE: Yeah. Twenty-three
2 and twenty-four are right on the edge of the
3 plume, way out in the -- in terms of the level
4 found near there instead of those two wells.
5 Did the well that you chose to sample ever show
6 contaminant concentrations either at or above
7 the drinking water standards?

8 MR. RYAN: I guess, for Monitor
9 Well #23, we sampled an adjacent well, Monitor
10 Well #78, and that well has not shown any
11 detection levels -- any detections of any
12 constituents. It's right across the street from
13 Number 23.

14 Number 24 is a little different situation.
15 We have various wells in that area, some have
16 been historically dry, others have had some --
17 some sampling done and, I think, I'd have to --
18 if -- if your question is for that particular
19 well, why we did not sample that, I think, I'd
20 have to go back and put a response together to
21 that.

22 MR. RICE: Okay. Thank you.

23 MR. SANDOVAL: Mr. Ryan, I'd like
24 to clarify something here for my own information
25 here. These three wells were installed by Kelly

1 Air Force Base contractors?

2 MR. RYAN: The three wells?

3 MR. SANDOVAL: Yeah. Eighteen,
4 twenty-three, and twenty-four.

5 MR. RYAN: Yes, sir.

6 MR. SANDOVAL: And they also used
7 the same Air Force standard and protocol to
8 install them?

9 MR. RYAN: Yes. We have a
10 technical document for monitor well
11 installation, and that is written into all our
12 contracts.

13 MR. SANDOVAL: The same quality
14 control, quality criteria were used for both
15 wells?

16 MR. RYAN: For the installation
17 of the wells?

18 MR. SANDOVAL: (Nods head.)

19 MR. RYAN: Yes.

20 MR. QUINTANILLA: Was TNRCC
21 notified of this and kept abreast of all the
22 sampling and digging of the wells?

23 MR. RYAN: They were notified of
24 the installation of the wells. We -- we -- When
25 we install wells we try to notify the state.

1 MR. QUINTANILLA: And you give
2 them the information on the result of the
3 samples?

4 MR. RYAN: We have at the same
5 time we're providing it to you.

6 MR. BEYER: Whenever we get that
7 Base Wide Remedial Report we get the
8 information.

9 MR. SANDOVAL: Are those three
10 wells funded by BRAC?

11 MR. RIOJAS: By BRAC, Buddy? No.

12 MR. QUINTANILLA: Where did the
13 money come from? Did the City drill them?

14 MR. RIOJAS: No. This is a --
15 this is a -- I guess, at that time -- at that
16 time, it probably -- the Air Force -- The DOD
17 probably -- the environmental --

18 MR. QUINTANILLA: It was funded
19 through the DOD by Kelly, but not --

20 MR. SANDOVAL: But not by BRAC?

21 MR. RIOJAS: Those wells?

22 MR. QUINTANILLA: But not BRAC?

23 MR. RIOJAS: For those wells?

24 MR. QUINTANILLA: Yes.

25 MS. HUENI: The point I'd like to

1 make here, if I could, the wells in question
2 were, as I understand it, part of a substantive
3 wells that were drilled for the culvert
4 construction project. And those wells were only
5 intended to show actually the presence of the
6 constituents. They were not intended really to
7 be part of the BRA Project at that time. And, I
8 think, it's important to note that those -- that
9 those samples that were actually collected did
10 not go through the standard QA, which means that
11 you really can't compare the concentrations that
12 were taken at that time with the existing BRA
13 data.

14 Now, since that point, those -- those wells
15 have been added into the BRA groundwater
16 assessment and, as I understand it, in '97, all
17 the wells that establish the off-site plume have
18 been sampled or are being sampled as part of
19 that issue.

20 MR. SANDOVAL: You know, there's
21 so much information on this particular topic.
22 Where can we find this sort of information,
23 which documents?

24 MS. HUENI: I think, I would
25 suggest looking -- The most recent information

1 that's out right now is going to be the 1996
2 Base Wide -- Base Wide Remedial Assessment,
3 and -- and that is out. It's in repositories.
4 There -- The Air Force is also doing the 1997
5 sampling right now, as we speak, so that
6 information would be -- will be forthcoming, I
7 think, as soon as possible. The data has not
8 been qualified yet and, I believe, there's still
9 one round of sampling left to be done. So the
10 latest one would be the 1996 Report.

11 MR. SANDOVAL: So the 1997
12 assessment is scheduled to sample all three
13 wells?

14 MS. HUENI: That is correct.

15 MR. RICE: The packet that was
16 handed out at the RAB Technical Committee
17 meeting, they contain all the data that's
18 available to these three wells. I have another
19 question, Mr. Ryan.

20 MR. RYAN: Yes, sir.

21 MR. RICE: Do -- We have these
22 three wells that you didn't release the
23 information to the public for whatever reason,
24 does the Air Force possess any other
25 environmental data that has not been released to

1 the public?

2 MR. RIOJAS: I -- I think, I can
3 best answer that. There will be data that we
4 will be accruing that will not be immediately
5 released to the public because it's going
6 through the quality -- the QC process. There
7 will always be inwork data, George, that will
8 not have been presented to the public. At some
9 point in time it will be presented to the
10 public, though.

11 MR. RICE: This I understand, you
12 know. It takes a few weeks or a few months to
13 QA your data, that's -- that's normal. But I'm
14 talking about something beyond that. Like, this
15 data was withheld from the public for about two
16 and a half years, and so what I'm wondering is,
17 are there -- is there any other environmental
18 data that the Air Force possesses that it has
19 held for, say, more than six months at an
20 outside, which you need to do the QA/QC, but
21 that you have not released to the public?

22 MR. RYAN: (Inaudible.)

23 MR. SANDOVAL: I think, the point
24 in fact is --

25 MR. RICE: What was the answer?

1 MR. RYAN: I was saying, no. I
2 can't answer that.

3 MS. HUENI: I have a comment
4 about that, George, real quick. From what I
5 understand, I believe, the data that you're
6 talking about that was in the -- with the
7 construction project that came into play before
8 the 1996 sampling, which was -- which was, I
9 guess, a year and a half ago. Within the 1996
10 information that everyone has, now, I know at
11 least one of those wells was actually added back
12 into the sampling, and there were wells that are
13 paired, I think, with the ones in question -- to
14 the one in question that were also sampled
15 during this last initiative.

16 In 1997, I think, they've even added some
17 more wells out beyond those points to further
18 establish if -- if that was appropriate, so --

19 MR. RICE: That's not my
20 question, but I'll bring it up again a little
21 later.

22 MR. RIOJAS: The position of the
23 Air Force is that we will not -- we will not
24 withhold any data.

25 MS. NAAB: Excuse me. May I

1 address that? We have just received a Voir
2 request from Mr. Rice asking that exact
3 question. And as it's phrased it's too broad to
4 answer. So when he says we've faxed some --
5 it's more of a question that we're not going to
6 go into any and every file contained at the Air
7 Force -- in any and all Air Forces, not just
8 Kelly Air Force Base. And think we can respond
9 to your request, but as it's phrased right now
10 we cannot respond to it. It's too broad.

11 MR. SANDOVAL: Could I ask this
12 question, then? If you've got DOD funds and you
13 have a BRAC funded project versus a DERA funded
14 project will the DERA investigation results be
15 available for the public?

16 MS. NAAB: Data is published as
17 it is developed. When it's developed it's a
18 part of a process, the IR process. If there is
19 a document, there is data that is produced in
20 conjunction with it, then it is published. We
21 don't just take data and wrap it up in a little
22 piece of paper and put it out in the library.
23 It's gathered, and it is analyzed, it is --
24 QA/QC is done, text is written, it's put into a
25 final document, and placed in the library. And

1 that's when the data will be available to the
2 public.

3 MR. SANDOVAL: I understand. My
4 question is, is it based on funding sources?

5 MS. NAAB: I -- I don't know the
6 answer to that question.

7 MR. RIOJAS: What was the
8 question? Based on funding sources?

9 MR. SANDOVAL: The DOD has
10 several different funding mechanisms, and you
11 have different funding sources, BRAC funds is
12 one of them, (inaudible) is another one counted,
13 the second funding is the bureau process, which
14 goes under IRP. Those documents, as I
15 understand it, are not required to be published
16 in the BRAC. And, I think, that that's a point
17 in fact that we need to address.

18 MR. BEYER: The DERA documents --
19 the -- the way it's done is it's not all the --
20 a lot of the IRP sites are actually being
21 investigated now at BRAC, but the portion of the
22 base that is going -- I'm talking about Air
23 Force Base funding, but anyway the -- the part
24 that's being realigned for Lackland is still
25 in --

1 MR. RIOJAS: It's still here.

2 MR. BEYER: Yeah. And so that
3 part -- those reports are going to come to the
4 TNRCC. And we -- we have those available, and
5 I -- and, I assume, that all the RI and
6 evidences were done prior to the base closure
7 even being announced, and that was resolved --
8 that's also in part --

9 MR. RYAN: Now, some of the RI's
10 are ongoing. RI's are done with BRAC dollars,
11 and it's really the process that the -- the IRP
12 process that indicates the -- the release of the
13 information. So whether it's funded by BRAC or
14 not it's part of that IRP process. We'll
15 release the data to that, we're required to.

16 MR. ROBERSON: You know, if I
17 could -- Maybe, I'm even asking for a sense of
18 the RAB here and -- Like a sense of Congress,
19 but, you know, what we're talking about here is
20 so important to the community and so important
21 particularly to the residents that live around
22 the base, but it's more than just that, it's
23 important to the entire community.

24 I mean, it seems to me that the sense of
25 the RAB -- And I don't think Mr. Riojas or

1 anybody from the Air Force will disagree with
2 what I'm saying now -- that given, you know, the
3 constraints of proper Quality Control and review
4 and all that, and, you know, publishing it in
5 context with all the appropriate qualifications,
6 that it just be that -- that the Air Force just
7 stand up and say, that anything we get we're
8 going to make public, with -- with -- with the
9 qualifications I just said, after the proper
10 QC. I mean, even the data from '94.

11 I mean, I've read Mr. Ryan's memo, and I'm
12 willing to accept it at face value personally.
13 I personally don't think it was a good judgment
14 call at the time. I think it would have been
15 better to release the information with proper
16 qualifications. And, I think, that -- that
17 ought to be the sense of the RAB is that's what
18 we'd like the Air Force to do in the future, to
19 release everything with the proper QC and the
20 proper qualifications on it. I don't think EPA
21 or TNRCC would have any objection to that.

22 And, I think, it would help with just a --
23 the feeling in the community that, you know,
24 that everybody wants to lay everything on the
25 table and deal with it. I know Mr. Ryan feels

1 that way and, I think, everybody does. All we
2 need to do is just make that happen.

3 MS. PEACE: Would you like to put
4 that in the form of a motion? I'm serious.

5 MR. ROBERSON: Let me see if I
6 can phrase that right. I mean, I think,
7 recommend that the RAB take a position --
8 recommend to the Air Force that it share a
9 partnership in the community, which I know they
10 feel, that -- that all data that's collected,
11 after proper Quality Control and review, and
12 with whatever qualifications must be necessary
13 to qualify the data, that all data collected is
14 going to be made public. That's probably not a
15 technically good motion, but that's the sense of
16 it.

17 MR. RIOJAS: Do we have a
18 second?

19 MS. PEACE: Yeah. I second
20 that.

21 MR. RIOJAS: Anymore discussion
22 on it?

23 MR. JACOBI: Call (inaudible.)

24 MR. RIOJAS: All in favor raise
25 your right hand.

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(Members indicate.)

MR. RIOJAS: Unanimous. Almost unanimous.

MR. RICE: I have a question at this point. Will this be drawn up in the form of a request to General Childress or how will this be -- will -- will this be handled? What action will be taken on this other than what we just did?

MR. RIOJAS: That's -- That's the way we'll do it, yeah. It will be a letter.

MR. RICE: Okay. Thank you.

MR. ROBERSON: And by the way, just in conclusion, I'd like to thank Mr. Ryan. I think that was a good presentation, and -- Although, it looks like he's got more to say -- But, I think, that that memo with regard to the data coming from those three wells was very straightforward and really tried to lay out what their thought process was and I, personally, am willing to accept that at face value and just press on from here.

MR. BEYER: Also, William found out that he was going to do this presentation how long ago?

1 MR. RYAN: Sunday night.

2 MR. RIOJAS: Okay. Next on the
3 agenda -- We're right on schedule -- Maybe, just
4 a little bit late. The 1996 Base Wide Remedial
5 Assessment by Gary Beyer and Camille Hueni.

6 MR. BEYER: Gary Beyer from the
7 TNRCC out of Austin, Texas. Formerly with the
8 Industrial Hazardous Waste Program. But now
9 we've been reorganized into the Pollution
10 Cleanup Division, so we no longer tell you we
11 work with hazardous projects in this
12 organization.

13 You've already heard me talk a lot. And
14 base -- I -- I wasn't going to -- William did
15 all the talking on the Base Wide Remedial
16 Assessment, so what I was going to do was talk
17 about the roles and responsibilities in
18 reviewing the reports in the sense of
19 contamination.

20 TNRCC was authorized -- The original
21 program was -- was mandated by -- by the EPA.
22 And they were in charge of all the programs
23 until we were authorized to manage the Hazardous
24 Waste Program under the Directorate Program back
25 in the '80s.

1 Right now, Kelly is under TNRCC in the
2 Interim Status Program, which means they're not
3 a permitted facility. The facility currently
4 doesn't have a permit, and they're in the
5 process of getting a Post-Closure Care Permit.
6 Right now they're in interim status in RCRA, and
7 they're subject to groundwater monitoring
8 requirements in the 40 Code of rec -- Federal
9 Regulations Code -- CFR 265.912 and -3 is the
10 state regulations that adopted the Federal Code
11 for the interim status groundwater monitoring.

12 And right here you can see in the part that
13 I've outlined is where -- this is the only part
14 of the 40 CFR that tells the facility what they
15 have to do the extent of contamination right
16 next to the migration in Number 2 there. This
17 should be of interest to all the lawyers here.

18 Anyway, the next slide. There's also an
19 order that was issued to Kelly Air Force Base
20 on -- in '89 and revised in October '90 -- and
21 next slide -- and in that, that also mandates
22 the determination of the extent of
23 contamination.

24 Once a -- The way Kelly gets out of interim
25 status and then goes into a permitted status

1 with the Post-Closure Care Permit that is under
2 way right now. The Post-Closure Care Permit
3 will specify the cleanup standards for the
4 groundwater and establish -- it establishes the
5 cleanup level to be the MCL, which is the safe
6 drinking water standard. The shallow aquifer is
7 being treated as a -- as a drinking water
8 aquifer. So it is to be cleaned up to drinking
9 water standards.

10 MR. QUINTANILLA: Mr. Beyer, may
11 I ask a question, please?

12 MR. BEYER: Yes.

13 MR. QUINTANILLA: When you say
14 the safe drinking water act -- or the standard,
15 will it be the same standard that it was before
16 it was polluted, where we could just drink it
17 out of -- the groundwater?

18 MR. BEYER: The standards are the
19 same standards as what you get -- that you get
20 for your Edwards water that you're drinking out
21 of your house right now. It will be the same
22 standards as that.

23 MR. QUINTANILLA: Very good.

24 MR. RICE: Excuse me. I think,
25 the question was, will the water quality after

1 cleanup be the same as it was before it was
2 contaminated?

3 MR. BEYER: I -- I -- It's very
4 difficult to say. We don't know. With
5 degredation through time it may get back to some
6 state, but it's difficult to go back to, you
7 know, pre-human conditions out at -- out at
8 sites. But it's -- it's -- the goal is to clean
9 up to safe drinking water standards.

10 MR. JACOBI: Do we know what
11 those conditions were before Kelly Air Force
12 Base started operating?

13 MR. BEYER: Afraid not.

14 MR. QUINTANILLA: We've been
15 drinking that water from those wells before it
16 was contaminated, there was no problem. I've
17 lived in this neighborhood all my life, almost
18 70 years.

19 MR. JACOBI: I understand that.
20 But I don't know if anybody's -- if you've got
21 the numbers, you know, analyzed using the
22 current technology --

23 MR. QUINTANILLA: We can't drink
24 the water now, that's the problem. Will we be
25 able to drink it thirty years from now?

1 MR. JACOBI: I think what he just
2 said was that once Kelly receives its permit
3 they will attain levels that are acceptable on
4 the clean -- on the Safe Drinking Water Act,
5 which means that the water that comes straight
6 out of the ground supposedly you can drink; is
7 that correct, Gary?

8 MR. QUINTANILLA: Cross your
9 heart, Gary?

10 MS. HUENI: I think the point --
11 oh --

12 MR. MURRAH: How do you know that
13 there won't be some other contaminant in --

14 MR. RIOJAS: Mr. Murrah, could
15 you please speak into the mic?

16 MR. BEYER: Could you say your
17 question again, Sam, into the mic? I don't
18 think anybody else heard you.

19 MR. MURRAH: I say, how are you
20 going to know that there won't be any other
21 contaminants coming in besides from Kelly? I
22 mean, if Kelly clean --

23 MR. BEYER: There are
24 contaminants coming in. We already know there
25 are other sources of contamination, and the

1 TNRCC needs to address those -- those facilities
2 also.

3 As Kelly gathers more and more data
4 they'll -- they'll come up occasionally with
5 some contaminant levels, I think -- Like in,
6 George, the wells that you were showing the
7 nickel and the chromium that were elevated
8 levels, if you go and look at the Base Wide
9 Remedial Assessment Reports, none of that
10 chromium and nickel originated on -- on Kelly
11 Air Force Base.

12 MR. QUINTANILLA: Not even from
13 the metal plating plant?

14 MR. BEYER: Not -- Not at that
15 site, at that particular corner. So what
16 happens is you'll get a spike of a contaminant,
17 and a lot of times you don't know if it's from
18 Kelly or not until you look at the entire
19 picture to see if it was -- if it originated on
20 Kelly or not.

21 MR. RICE: Can you tell us what
22 some of the other sources of groundwater
23 contamination are?

24 MR. BEYER: Well, I mean, within
25 that whole area you have industrial or just

1 service stations, radiator shops, repairing
2 cars, --

3 MR. RICE: But have you
4 identified -- identified the sources?

5 MR. BEYER: -- all kinds of --

6 MR. RICE: Have you identified
7 any particular sources of groundwater
8 contamination?

9 MS. HUENI: I think, I'd like to
10 comment on that real quick, George. We're
11 really at the point right now where we're really
12 getting a good idea of what the groundwater
13 looks like through the course of BRA and the
14 off-site monitoring. So really -- really the
15 picture is developing, and we have indications
16 that there may be -- there may be alternative
17 sources other than, you know, coming off of
18 Kelly.

19 I think the metal is -- is one issue and --
20 and that's really -- it really bears looking at,
21 because if you look at the latest information in
22 the 1996 the concentration -- the concentrations
23 are very localized. They're not showing really
24 a trend like the solvents are from -- from on
25 base.

1 And you have a lot of potential sources.
2 Anywhere that -- Anywhere where you have -- oh,
3 I don't know -- machine shops or, you know, car
4 repair areas you do have sources within
5 neighborhoods that could source even the
6 solvents.

7 MR. RICE: Have you identified
8 any of them?

9 MS. HUENI: We have not really
10 gotten to that point yet.

11 MS. PEACE: I think, I'd like to
12 ask and, I think, it would be fairly simple to
13 do is to provide a list of -- particularly the
14 industrial businesses that might be in the area,
15 so that we -- I mean, just, you know, initially
16 that would -- would be something that you could
17 provide fairly easily.

18 MR. BEYER: For us to provide?

19 MS. PEACE: For somebody to.

20 MR. JACOBI: One of my branches
21 does that. I'll look into that, and get you the
22 ZIP Code information, and the information on the
23 addresses and so forth. No promises. Because
24 they're not fully automated yet, but I'll look
25 into it.

1 MR. SANDOVAL: And I have a
2 question. You talk about establishing
3 groundwater requirements, the MCLs, for drinking
4 water. How about the cleanup standards for
5 those constituents that don't have MCLs, what do
6 you use?

7 MR. BEYER: What we do there is
8 we go to the Risk Base Calculation to
9 determine -- and we use 1 times 10 to the
10 minus 6, which is a 1 -- 1 in a million cancer
11 risk for the carcinogens, and the hazard index
12 of 1 for the same intoxicants.

13 MR. SANDOVAL: And have you done
14 that process yet?

15 MR. BEYER: Yes. We've done that
16 for a lot of them. Almost all the --

17 MR. SANDOVAL: And that is in
18 which document?

19 MR. BEYER: Actually, it's in
20 our Texas Risk Reduction Rules under Standard 2.

21 MR. SANDOVAL: Have you also
22 identified baseline levels of organics and
23 inorganics for metals at Kelly?

24 MR. BEYER: Yes.

25 MR. SANDOVAL: And where are they

1 published?

2 MR. BEYER: They're in the same
3 document.

4 MS. HUENI: There's a report that
5 came up from Kelly, I think, it was in 19 -- was
6 it 1995, it was the final report for -- to
7 establish the background level for inorganics
8 base wide. So that -- that document really is
9 part of the repository, and I would imagine it
10 would be in there.

11 MR. SANDOVAL: Do you remember
12 the name of that?

13 MS. HUENI: I don't know. I'll
14 have to defer to --

15 MR. RYAN: (Inaudible.)

16 MS. HUENI: I think, it's just
17 the Background Study for Inorganics. Is the
18 date 1995 on that?

19 MR. RYAN: I believe so. I'll
20 look at the Index and find out.

21 MS. HUENI: Okay.

22 MR. ROBERSON: Gary, just out of
23 curiosity, do -- do most of the contaminants
24 have MCLs or -- or is there a large number that
25 don't?

1 MR. BEYER: There is a large
2 number that doesn't. Just in the last few
3 years, though, the MCLs have been developed for
4 a large -- a much larger -- For a while there,
5 there was only like, maybe, 5, 6, 7, or 25, or
6 something like that.

7 MR. ROBERSON: Is one part in a
8 million? Is that what you said, one part a
9 million, is that 10 to the minus 6?

10 MR. BEYER: That's one -- One in
11 a million had to do with a risk --

12 MR. ROBERSON: Oh, with the risk
13 factor for carcinogens.

14 MR. BEYER: If a million people
15 drank water and one died from cancer, that's
16 been established as the limit.

17 MR. SANDOVAL: Just a follow up
18 on another question. If you have a secondary
19 drinking water standard for the constituents and
20 your risk base number is higher than that, which
21 one will you use?

22 MR. BEYER: We would go with the
23 secondary, the maximum contamination levels.

24 MR. SANDOVAL: So your order of
25 selection is MCLs, secondary MCLs, and then you

1 default to your secondary class base numbers.

2 MR. BEYER: Correct.

3 MS. HEUNI: Just to clarify, the
4 name of the report is the "Background Inorganic
5 Groundwater Values at Kelly Air Force Base," and
6 the date on that is January 1995.

7 MR. BEYER: Okay. Meanwhile back
8 to the slides unless there's anymore questions.
9 The ground -- The groundwater monitoring we
10 reviewed in the Base Wide BRA Reports and, also,
11 they submit RCRA Groundwater Monitoring Reports
12 also that we reviewed.

13 Next slide. And then the comment on the
14 concentrations and the extent of groundwater
15 contamination. We look at those to see if there
16 is sufficient number of well points that are in
17 certain areas to adequately justify whatever
18 isoconcentration lines that are displayed in the
19 reports.

20 Also there, our regional office conducts
21 CME Inspections. At the Region 13 Office in San
22 Antonio, we have an inspector that will go out
23 and determine the adequacy of the groundwater
24 monitoring systems. They check the -- the wells
25 to see if they're properly constructed, if

1 there's any, you know, problems with the wells
2 themselves, and -- and make sure that they're
3 built and constructed properly. And, Arune
4 (inaudible) he's over there -- he's your Kelly
5 inspector.

6 And then we've already discussed this
7 earlier. But to reiterate, again, I guess, the
8 ground drinking water has been contaminated we
9 note by local Judge and County health officials,
10 and to insure that -- if there are people that
11 are drinking water from the wells insure that
12 alternate drinking water sources have been
13 provided to persons with contaminated drinking
14 water wells. Over in and around Kelly Air Force
15 Base everyone should be on City water and
16 getting water from -- from the City. So we
17 should -- we haven't had any documented cases
18 yet of people drinking water from the shallow
19 aquifer. All we've seen so far is some
20 irrigation.

21 And then we also evaluate exposure pathways
22 to determine if the public health is
23 threatened. These are some of exposure pathways
24 which we examined, such as inhalation,
25 ingestion, and dermal. Right now no immediate

1 threat to the public health exists from
2 contaminated soil and groundwater from Kelly at
3 this time.

4 And next slide.

5 MR. EMERY: That's it.

6 MR. BEYER: That's it. I guess,
7 the next person to present is Camille, --

8 MS. HUENI: Don't go away.

9 MR. BEYER: -- she's my
10 counterpart at EPA, and she'll discuss their
11 role.

12 MR. SANDOVAL: Gary, a quick
13 question as you're walking back. Soil
14 standards, BRA approved objectives, have you not
15 looked to discuss those issues?

16 MR. BEYER: I guess, we were
17 looking at extent of the groundwater at this
18 time. But I -- I could at the -- sometime in
19 the future discuss those, if you'd like.

20 MR. SANDOVAL: Okay.

21 MS. HUENI: Again, my name is
22 Camille Hueni, I'm with the EPA. I'm out of
23 Regional Office 6 in Dallas. And we thought it
24 would be helpful tonight to talk about
25 individual roles in this process.

1 Our EPA role is a little bit different from
2 the state, although, there are -- you know,
3 there are a lot of common threads. We're
4 involved in the process really by virtue of
5 CERCLA. The real name for that is the
6 Comprehensive Environmental Response
7 Condemnation and Liability Act, that's why we
8 call it CERCLA for short, so --

9 And 120(h) actually establishes the
10 requirements for the transfer of federal
11 properties. That one provision is what really
12 pulls us into this process as -- as the Program
13 for Hazardous Waste Management is -- is actually
14 authorized in the TNRCC, State of Texas.

15 Okay. Under -- Under that provision,
16 CERCLA 120(h)3, requires a Covenant be made at
17 the time of federal property transfer. And that
18 is, that -- that on the site, that no remedial
19 action is required. We -- We usually say it's
20 "No Further Action," and you'll actually see
21 things in the Administrative Records that are
22 noted as "No Further Action" on the site.

23 The other provision is that -- is that if
24 there is action that's required, that that has
25 been taken and that it is -- and that action has

1 been taken for the human health and the
2 environment.

3 MR. QUINTANILLA: Camille, that
4 applies only to the on-site property, it does
5 not apply to the off-site property; is that
6 correct?

7 MS. HUENI: It applies to -- It
8 applies to all federal properties. But in the
9 case of Kelly Air Force Base where you have --
10 where you have, you know, source material on
11 Kelly it would apply to remove of off-site
12 groundwater as well.

13 MR. QUINTANILLA: It would apply
14 to the Quintana Road, and the Brady Garden, and
15 anywhere?

16 MS. HUENI: Anywhere you have
17 off -- Anywhere you have off-site contamination,
18 that would be a consideration for us.

19 At EPA Region 6, we're authorized to concur
20 that all necessary remedial action has been
21 taken, and EPA is also charged with approving
22 that final remedies are in place and operating
23 successfully. And the most important word there
24 is "and," so we're looking at remedial design.
25 We're planning on having at least a year, once

1 the remedies are in place, to make sure that
2 they are working actually as proposed.

3 Our response -- Really our responsibilities
4 in this process because of those, you know,
5 final responsibilities at the time of transfer,
6 it really rolls back into the whole process, and
7 we are looking concurrently at all the technical
8 documents. We're -- We're actually reviewing
9 site assessments for groundwater soil, all media
10 impacted, we're looking at any technical reviews
11 of site restoration, also remedial designs.
12 We're also concurring on the final actions,
13 which include, you know, site closures, NFA
14 actions, which -- which means No Further Action,
15 any removals, and any -- and any groundwater
16 designs.

17 Also, a role that we play is looking, also,
18 at the Risk Assessment that's done. And that
19 includes not only human health, but looking
20 at -- looking at Eco conditions as well -- as
21 that applies.

22 MR. MURRAH: On the Eco part of
23 it, what is discussed as far as the air
24 pollution as it relates to the water?

25 MR. RIOJAS: Will you repeat the

1 question, please?

2 MR. MURRAH: On that -- On the
3 Eco part of the question there, how does air fit
4 into your discussions or evaluations?

5 MS. HUENI: We are really
6 looking -- We're interested really in all media
7 but, I think, for the Eco, we'll be
8 concentrating primarily on the impact from soil
9 contamination and groundwater, in particular,
10 impact on surface water. You know, we're --
11 we're in the process of developing an approach
12 to Eco risk at Kelly Air Force Base, so -- so
13 air may actually be included. I don't know. I
14 can't really say at this point. I think, what
15 we've done at other bases we've looked primarily
16 at -- at all appropriate pathways, soil,
17 groundwater in service.

18 MR. MURRAH: Well, I'm -- I still
19 don't see how you separate soil and water from
20 air --

21 MS. HUENI: Well, --

22 MR. MURRAH: -- from an ecology
23 standpoint.

24 MS. HUENI: I understand. And
25 I'm not a Risk Assessor, so I can't really talk

1 specifically how that will be evaluated here at
2 Kelly. If it is appropriate it will be
3 considered.

4 MR. QUINTANILLA: My question
5 deals with soil removals. I'm talking about
6 culvert in the Quintana, McLoughlin, Bynam
7 Street culvert that's going to be placed, and is
8 going to remove the contaminated soil that's
9 there. When will you give concurrence that it's
10 okay or not okay for the soil removal? Will you
11 monitor it as there any -- in other words?

12 MS. HUENI: Are you actually
13 talking through the construction process to make
14 sure that --

15 MR. QUINTANILLA: Yes.

16 MS. HUENI: -- that it's actually
17 followed?

18 MR. QUINTANILLA: Yes, yes.

19 MS. HUENI: We will be following
20 that, and actually -- actually Kelly will be
21 see -- providing, I guess, the -- the chain of
22 custody information on that as well, so --

23 MR. QUINTANILLA: Have you
24 discussed that with the City, the soil removal
25 that they're going to do?

1 MS. HUENI: We have not. But I
2 understand that Kelly has.

3 MR. QUINTANILLA: But you're the
4 one that gives the final concurrence or
5 concurrence of the final actions concerning that
6 soil removal?

7 MS. HUENI: Actually, the TNRCC
8 would actually be following that very closely.

9 MR. BEYER: EPA will be watching
10 us, though.

11 MR. QUINTANILLA: You will be
12 talking with City Manager on that?

13 MR. BEYER: Right.

14 MR. QUINTANILLA: When will you
15 do that?

16 MR. BEYER: In fact, I -- I'll go
17 ahead and contact the City staff and talk to
18 them.

19 MR. SANDOVAL: This may not apply
20 to the presentation. I think, we need to
21 understand, as a community, that this area we
22 have a limit of construction, and if you have
23 contamination outside those limits you're not
24 proposing to deal with that outside soil or are
25 you?

1 MS. HUENI: I'm sorry. Could you
2 repeat that again?

3 MR. SANDOVAL: Sure. If you have
4 an area of contamination this big, but -- you
5 probably can't understand it -- this big, your
6 limit of construction goes through that area
7 this big, the outside sources of contaminated
8 material, you're not going to deal with, is that
9 correct, you're going to leave it in place?

10 MS. HUENI: Okay. What I
11 understand you're asking is, through the course
12 of construction -- the question that
13 Mr. Quintanilla was asking was regarding to the
14 actual, you know, soil that was -- was removed
15 through the construction process.

16 Now, the groundwater contamination within
17 that area will be -- will be dealt with
18 appropriately also as part of the Zone 3 remedy.
19 Does that answer --

20 MR. SANDOVAL: That answers part
21 of it. There's still the soil. The groundwater
22 contaminated the soil in that area. In other
23 words, you now have soil contamination in the
24 upper eight, ten feet of soil. My question is,
25 you got -- your contamination did not stop at

1 the limit of construction, is what I'm saying.
2 So if you go outside your limit, you got the
3 same situation, but you're just not going to
4 deal with it under the construction phase or
5 you're going to deal with it down the road at a
6 later phase?

7 MR. HUENI: I think --

8 MR. BEYER: Yeah. I think, what
9 I was -- what is going to deal with -- The
10 contamination that's there in the soil there was
11 transported there by groundwater, and it's going
12 to be remediated along with the groundwater, you
13 know. The culvert is going to be dug down the
14 street -- the middle of the street. The
15 contamination that's in the soil under the
16 houses is going to be dealt with during the
17 groundwater remediation phase.

18 MR. SANDOVAL: Okay. The
19 remedial action that limits the construction
20 will be excavation, and your remedial action for
21 areas outside the limits of construction
22 should -- would be groundwater cleanup?

23 MR. BEYER: Right.

24 MS. HUENI: Right.

25 MR. SANDOVAL: I think, we -- the

1 community needs to understand that. Because
2 right now, I think, we're thinking that all that
3 area is going to be excavated out and, maybe,
4 not put back to the background baseline, and
5 that's not true.

6 MS. HUENI: I think the point
7 that needs to be made is, that the contamination
8 we're talking about -- and you're talking about
9 removing, you know, those soils -- those are
10 soils that have been impacted by the movement of
11 groundwater. They're not ready -- They're not
12 reflecting that there is no -- that there is
13 actually soil contamination from, you know,
14 surface down in the groundwater, but it reflects
15 more the -- the area of contamination of -- that
16 would best represent sort of a smear zone, I
17 guess, from where the groundwater is passed
18 through.

19 MR. SANDOVAL: Are those
20 construction plans out yet, does anybody know?
21 The construction plans for the Quintana Road
22 Project are they out for public review, so that
23 we can identify what the limits of construction
24 will be?

25 MR. ROBERSON: What's the

1 question again?

2 MR. SANDOVAL: The area we talked
3 about, the Quintana Road Project, there should
4 be construction plans that identify where the
5 culverts are and what the limits of construction
6 will be. And the question is, are they out for
7 public review yet?

8 MR. PERSON: Well you'd have to
9 check the City for that. It's a City project.

10 MR. RIOJAS: So we're not --
11 we're not the City. No. This is a City
12 project. The gentleman that would normally be
13 able to -- should have answers to the question.
14 I don't think anybody here is a representative
15 of the City.

16 MR. QUINTANILLA: Well, we have
17 Eco people here.

18 MR. RIOJAS: Can you talk to
19 that?

20 MR. NEWMAN: My name is Dave
21 Newman with the Environmental Services for the
22 City of San Antonio.

23 MR. PERSON: Stand up.

24 MR. NEWMAN: The construction
25 plans and specs are still being developed, and

1 they should actually be very close to
2 completion. As far as open for review, I don't
3 know if that might be possible under the Open
4 Records Search but, you know, that's not
5 something that the City, I don't believe, has
6 submitted as part of, you know, this process
7 here.

8 MR. QUINTANILLA: Has the City
9 talked to TNRCC over there, and what have --

10 MR. NEWMAN: I've spoken with
11 Gary, yes.

12 MR. QUINTANILLA: And what have
13 been the results of that?

14 MR. NEWMAN: Depends on what the
15 discussion has been. You know, I did ask him
16 about the permit that you had talked about
17 earlier, he told me that is not required.

18 MR. QUINTANILLA: Is it in
19 writing?

20 MR. BEYER: It was just over the
21 phone.

22 MR. QUINTANILLA: That needs to
23 be in writing.

24 MR. NEWMAN: There is no -- There
25 is no permit required, you know --

1 MR. QUINTANILLA: That area has
2 been contaminated by Kelly Air Force Base. This
3 is part of their cleanup, so a permit is
4 required based upon the EPA --

5 MR. NEWMAN: There will be some
6 clean up as a result of the storm water
7 improvements and the street reconstruction
8 project.

9 MR. QUINTANILLA: But the City --
10 Neither the City nor Kelly Air Force Base has a
11 permit. We're just going do it and -- and --
12 and just cover it up. We've got to have -- have
13 a permit for that contaminated area that is
14 being cleaned up as result of the 2.9 million --

15 MR. NEWMAN: I tell you what, if
16 you could actually get me the regulations or --

17 MR. QUINTANILLA: I'll do that.
18 I'll do that.

19 MR. NEWMAN: -- where it
20 specifies that we need to --

21 MS. HUENI: I think -- I think,
22 I'd like to clarify also, that the culvert is --
23 is not meant to be a cleanup. It is meant to --
24 It is -- It is meant to actually be an
25 installation or a construction project. The key

1 thing is, is it will be going down to the top of
2 Navarro, which will go through the zone of
3 groundwater contamination. And the fact that
4 you have to consider, what do we do with those
5 soils that are brought up from -- from that
6 contaminated zone, how do you dispose of those
7 properly, so -- And, I think, that Gary has
8 already responded to that question.

9 MR. NEWMAN: I'd like to say one
10 more thing in that and, please, correct me if
11 I'm wrong. But, I believe, that where the --
12 the -- the culvert is to be placed is actually
13 at the very -- at the -- very close to, if not
14 on, the boundary of the -- the plume. I don't
15 believe that there is a contamination that's
16 been identified outside of that boundary where
17 the culvert is to be placed, and I don't think
18 there are contaminated wells right on the --

19 MR. QUINTANILLA: Is it
20 situated -- it's mentioned -- I believe, it's
21 very close. It's not right on -- And there's
22 another one on McLoughlin -- another well there
23 on McLoughlin.

24 MR. NEWMAN: You probably know
25 more about it than I do.

1 MR. QUINTANILLA: My main concern
2 with you guys, we just fixed McLoughlin, spent
3 two million dollars to fix it up --

4 MR. NEWMAN: There too is a -- I
5 know which -- that you had brought this up to
6 one of the Council members, and you should be
7 receiving a revised --

8 MR. RICE: I'm a little unclear
9 about the role of the EPA, and the role of the
10 state. I had thought that the state was
11 essentially in charge of the Kelly cleanup,
12 and -- but now you're saying that your
13 concurrence is required; is that what you're
14 saying?

15 MS. HUENI: They are the
16 authorized -- They are the authorized entity for
17 the Hazardous Waste Program in the State of
18 Texas. The EPA did delegate that program.
19 Because of the base closure process our
20 responsibilities are at the end of the process.
21 In other words, we concur at the time of
22 property transfer.

23 What that does is it rolls us into -- to
24 looking at all the -- really all the technical
25 documents, the risk assessment, rolls us into

1 the whole process. Because to get to that end
2 point we -- we have to answer questions to our
3 management. How is -- You know, how is the
4 sampling done, is the site restoration complete,
5 how -- how does the risk assessment look, you
6 know, do you concur with that. These are all --
7 These are all parts of what we consider at
8 that -- at that last point. And we do -- we do
9 have independent authority from the state to
10 actually concur or not concur on remedies.

11 Now, I would like to say, though, that --
12 that we do work at Kelly in very much a support
13 role for the state, and we have not had any
14 issues where we have had major problems as of
15 yet, so -- We have a ways to go, you know, to
16 part of, you know, the final design on those
17 projects and approval of remedies, but we are
18 working very closely to make sure that we don't
19 have any parts of -- points of departure,
20 because we do not want to slow the process down
21 at all. That is not our intent.

22 MR. RICE: And your concurrence
23 is required; is that right?

24 MS. HUENI: Yes.

25 MR. MURRAH: On those areas where

1 they're putting in these structures -- whatever
2 they're putting in there -- you know, when
3 they're drilling an oil well they have to take
4 soil samples right on down and analyze them, and
5 give reports on them. Is there something like
6 that required on those things from a
7 contamination standpoint?

8 MR. NEWMAN: It's being done.

9 MS. HUENI: You can probably
10 speak more on that.

11 MR. NEWMAN: It has been done.
12 Kelly Air Force Base does have a copy.

13 MS. HUENI: We also have -- We
14 also have, you know, the soil boring
15 descriptions for all the monitor wells that were
16 drilled in that area. So that should be part of
17 the repository and the record.

18 MR. MURRAH: Should that give --
19 show whether there's any contamination?

20 MS. HUENI: That will show --
21 Actually, what that will -- Actually, what that
22 will delineate is a description of the section
23 that you're going through, as well as where the
24 top of the Navarro is, which is the critical
25 point for this project, of course. And also the

1 wells that are -- are there are the same wells
2 that we're doing the groundwater sampling from.
3 So we have an idea of the concentrations that
4 we're dealing with.

5 MR. QUINTANILLA: Camille, you
6 mentioned that you're working very closely with
7 Kelly Air Force Base in this remedial cleanup
8 effort. Who is working with the community, with
9 us, the residents, here?

10 MS. HUENI: We are working --
11 EPA, and TNRCC, and the Air Force are -- are
12 members of the PCT. Now, the purpose of the RAB
13 really is to -- is to ask the questions of us.

14 You know, this is an opportunity for all of
15 you to ask those kinds of questions, and -- and
16 to take information back into the community.
17 You're -- You're here actually as
18 representatives of -- of your part of the
19 community. And -- And the reason why the RAB is
20 really so important in this process is it is --
21 since we're a -- since we're an expedited
22 review, it's called, you know, a fast-track
23 process we want to know what your input is early
24 in the process. Much earlier than what we would
25 normally be seeking public comment through the

1 normal regulatory, you know, process, so --

2 MR. QUINTANILLA: I take this
3 information back to our neighborhood
4 organizations, but there's no -- no response
5 there, you know. Where are these people? Where
6 are you and where does the TNRCC come in to us
7 to our neighborhood organizations? You know,
8 just like you go to Kelly, we want you to come
9 to us.

10 MS. HUENI: Well, we can talk
11 more about that, but actually the RAB is really
12 the proper form for that. Now, if that's --

13 MR. QUINTANILLA: You're coming
14 here to RAB, but you're also going to Kelly.

15 MS. HUENI: Well, we have a
16 responsibility, you know, to the --

17 MR. QUINTANILLA: What about the
18 responsibility to the citizens, the residents,
19 that are impacted by this?

20 MS. HUENI: That's not to say,
21 you know, that we don't have a responsibility to
22 the community, and that's the reason for the
23 RAB.

24 The Restoration Advisory Board is comprised
25 of members of the community and the

1 stakeholders. It is -- It is the responsibility
2 of the RAB members to represent their portion of
3 the community. And if there -- if there is a --
4 if there's a need for more information to be
5 disseminated to your portion of community, yes,
6 we need to know about it. If this is not
7 working as part of the process then we need to
8 know about it.

9 MR. SANDOVAL: I have another
10 question. I know David from working with him in
11 the City. The construction plans, if they're
12 at 90 percent design, put it this way, they'll
13 probably go out there any -- out for public
14 review and public comment, is that how you guys
15 do it?

16 MR. NEWMAN: You know, to be
17 honest with you, I'm not sure.

18 MR. SANDOVAL: Probably, a public
19 hearing to get public comment. I guess, the
20 question I would have is, you've got a culvert
21 you're going to be installing, and you've got
22 constituents, and you've got certain mastics and
23 certain adhesives that may be used in these
24 culverts, you have to make sure that they're
25 sensitive to the chemical in the groundwater.

1 And that's something that hopefully --

2 MR. NEWMAN: And that has been
3 reviewed.

4 MS. HUENI: That's a good point.

5 MR. JACOBI: If I might comment,
6 at this point, typically the construction
7 projects that involve right-of-ways and
8 so-called public property, a notice is filed by
9 the TNRCC.

10 And -- And those notices get passed on to
11 the various other agencies, and -- for example,
12 the Department of Health. And if somebody wants
13 to put in a -- two miles of sewer, then, in
14 Corpus Christi, Texas, I'll get a little piece
15 of paper with a little map describing the
16 project, and who I need to talk to, and whether
17 or not I've got any comments from a health
18 standpoint regarding that project. And there's
19 somebody at TNRCC that should get that report,
20 as well. So my guess is -- And I don't know if
21 this particular project falls under those rules
22 and guidelines, but I would suspect that it
23 probably does, so that at some point there will
24 be an opportunity for the public to provide
25 their input with respect to this particular

1 project.

2 MS. PEACE: Also, as far as I
3 know, on every project of this type for the
4 City, at some point everybody they feel is
5 impacted a lot of times they go way beyond the
6 impacted area -- but they mail a notice to each
7 home and -- with a date of the hearing, you
8 know, so that the people can attend, and also
9 with a number that they can call in their
10 comments to.

11 MR. HOFFMANN: Camille, the
12 federal government, of course, has to go through
13 the process of the Environmental Impact
14 Statements and so forth. Do non-federal
15 entities when they have a project like this
16 project -- And I don't know what all is
17 involved, but I'm hearing sewer lines, or
18 drainage lines, or whatever. When a project
19 like that is conceived, and then it is designed,
20 do they have to go through an Environmental
21 Impact Statement process, also? I would think
22 that would probably take care of the -- the
23 questions that are being raised here, because it
24 should answer those kinds of questions.

25 MR. NEWMAN: If I remember

1 correctly, any time federal money is -- is used
2 an Impact Statement or an Environmental
3 Assessment or something of that type is
4 required. And it's a little bit something
5 else.

6 And -- And there is some federal funding
7 with this project. Mr. Quintanilla, I think,
8 said 2.9 million but, I think, the amount is
9 considerably higher than that that is being put
10 into this, you know. But I don't know the
11 answer to that. I can certainly find out and --
12 and try to bring it to you, though.

13 MR. HOFFMANN: I -- I suspect
14 that when you go through that process there's a
15 requirement for notifying, you know, all the
16 affected parties, whoever they may be, but I
17 don't know the details of that process. I
18 suspect that there is a process that needs to be
19 followed.

20 MR. QUINTANILLA: Mr. Chairman,
21 could we have Mr. -- this gentleman with the
22 Environmental Management from the City bring us
23 this information at the next meeting?

24 MR. RIOJAS: I think, we need to
25 secure this information. I think, that we will

1 go -- we will approach the City and ask for the
2 permit process. Let the RAB do that, okay. And
3 if -- maybe, David or somebody else can come and
4 talk about it. Maybe, that's an action.

5 MS. HUENI: Okay. Let's move
6 on. There's a point that I'd like to clarify,
7 too, before we move on to -- It's just a summary
8 discussion of the 1996 BRA in regards to
9 Zone 3.

10 William Ryan indicated that -- that there
11 is a repository off base at the library. The
12 Air Force has also made a listing of all the
13 documents that are contained in that
14 repository. And I understand that he's going to
15 make that available to anyone who would like a
16 copy of that, so -- so at the break we'll have a
17 list out.

18 We've also talked, as well, about having --
19 having those documents actually highlighted and
20 the listings that it will give you. Really --
21 Really, it's the most germane information. If
22 you're off site or you're living in a community,
23 you know, adjacent, you know, to Kelly what kind
24 of information you're looking for. And I would
25 really suggest that probably the first place

1 that you would look is the most recent 1996 Base
2 Wide Remedial Assessment. That will give you
3 the best picture of where the groundwater plumes
4 are to date.

5 Again, there is -- there's actually
6 sampling effort in progress right now, and that
7 information will be made available as soon as
8 that information is qualified, so -- Let's see,
9 there was one other point. Oh, yes. And also,
10 I think -- Also, as part of the repository
11 there -- there is -- there is an administrative
12 record which is the Administrative Record of
13 comments that have been -- that have been put
14 forth in documents to date, as well as the Air
15 Force's response to those comments. So -- So
16 that is an area that would be of interest,
17 probably, to -- to a lot of you.

18 So, now, I think, I'd like for Gary to come
19 up here. We were trying to orchestrate sort of
20 a joint review of the Zone 3 issue. And we
21 don't -- we don't have a map that -- that really
22 shows the individual wells that were actually in
23 question. We did bring copies of the maps of
24 chemicals of concern, the constituents of
25 concern, of some of the maps that are in the

1 1996 assessment. So we will have those at the
2 break, if anyone would like to look at those.
3 The detail on those -- It's very hard to tell
4 where the plume is on the these small maps on
5 the overhead, so we'll have those for you.

6 We would just like to say something just
7 very briefly about the Base Wide Remedial
8 Assessment that Kelly has taken on, and let me
9 hand this -- I think, the one thing to note
10 and -- and for us, the regulators, we see a lot
11 of the -- we see a lot of the problems -- we see
12 a lot of realm and problem issues at other
13 federal facilities as well as other bases.

14 Many times what happens is, you see
15 groundwater monitoring that is very specific to
16 a site. In other words, if you have -- if you
17 have a waste pit on site, you'll have -- you'll
18 have groundwater monitoring wells that are
19 drilled around that to establish the extent of
20 contamination for that one particular area.

21 At Kelly you have more groundwater
22 contamination than -- I would say, not more than
23 what you would normally see, but, I think, the
24 important thing here is it's -- it's a larger
25 area, the concentrations are probably

1 comparable, so -- in order to -- to get a better
2 idea of what the groundwater is doing at the
3 time Kelly took the initiative several years ago
4 to budget and allow for the base wide
5 groundwater monitoring project. That's done
6 annually starting in 1994. We have -- We now
7 have three years of data. We will soon have
8 four years of data.

9 There's a lot of information out there
10 folks, and it's important to really -- if you
11 really want to know what's going on with those
12 plumes, if you look at those three documents
13 you'll be able to see very -- you know, very
14 quickly how the groundwater plumes are moving or
15 are not moving in time. So actually Kelly is
16 one of the few bases that we -- that we have
17 seen where they actually have a very wholistic
18 approach to ground water, and that's a good
19 thing.

20 MR. QUINTANILLA: Yes. How much
21 was budgeted as a annual base wide groundwater
22 sampling program -- budgeted as an ongoing
23 project, what was the budget?

24 MS. HUENI: I really don't know.
25 I don't know whether or not the Air Force is

1 prepared to answer it or not tonight. I know
2 that it is -- this is an annual project.
3 There's a lot of good information coming out of
4 that. It's been on board for three years and, I
5 think, as far as restoration goes is planned on
6 being budgeted for, at least, you know, several
7 years into the future. And, I think, it's
8 important to note that, because that will give
9 us a very good idea on -- on how to address the
10 plumes in our final remedies. And it's also
11 going to -- it will give us an excellent
12 baseline of how those plumes have moved in
13 time.

14 MR. QUINTANILLA: Would that
15 information be appropriate for the next meeting,
16 Mr. Chairman, how much budget was budgeted?

17 MR. RIOJAS: Why is that
18 important?

19 MR. QUINTANILLA: I think, the
20 RAB according to the people that came down from
21 Washington said that we -- we should get this
22 information on the budget.

23 MR. RIOJAS: No. I think, what
24 they said is --

25 MR. QUINTANILLA: And that the

1 RAB should be involved. All we want to know is
2 how much you're budgeting for '97. You must
3 have a figure.

4 MR. RIOJAS: For the -- For the
5 groundwater sampling program?

6 MR. QUINTANILLA: Yes. And more
7 than likely, that '97 figure would be the same
8 for '94, '95, and '96.

9 MR. RIOJAS: Well, it would all
10 change because of inflation. I'm going to take
11 that to the -- back to the meeting.

12 MR. HAGELTHORN: Mr. Chairman,
13 could I ask a question here? Could we please
14 hold the questions until after the presentation,
15 okay? I mean, I think, everybody who has a
16 question can write down their question for the
17 courtesy of the presenters so that they can get
18 their information across without interruption?

19 MS. HUENI: We're almost
20 through. We also looked -- We also looked
21 specifically at -- on the Zone 3 area. This is
22 particularly for -- for the off-site remedial
23 plume on the southeastern corner -- because the
24 illustrations have been at that the last PCT and
25 also the last Technical Subcommittee about

1 how -- was the extent of contamination actually
2 documented, and how -- and how that issue kind
3 of plays out. So we've actually prepared a
4 couple of summary slides, and I'd like to give
5 them to Gary.

6 I think, the important thing to note here
7 is that the monitoring of the plume in that area
8 is an ongoing project. And with each -- with
9 each Base Wide Remedial Assessment we are
10 looking -- we do look harder and harder to stem
11 contamination. The -- The point of compliance
12 for us is really the MCL, which is the drinking
13 water standard but, I think, it is important to
14 note that all of the EPA Bulletins state that we
15 look beyond that to, what we call, the locale of
16 non-detect to actually define the extent of
17 contamination. So just be aware that there is
18 really a built-in bumper zone between the MCL
19 boundary and actually the level -- the boundary
20 of extent of contamination.

21 The level -- The extent of contamination is
22 defined really by the level of detection, you
23 know. That is put forth, and it's based on the
24 EPA SWA-46 method -- I think, it's called the
25 estimated quantitation, it will give us

1 groundwater for each of those levels. And it's
2 a little -- It is an analytical level that most
3 labs are able to achieve. So for your own
4 information, that's what we use. So that was
5 the first point.

6 We looked, again, at the three wells in
7 question that -- that George had raised in his
8 presentations over the last couple of meetings.
9 The point we want to make here is, that those
10 wells have been incorporated into the Base Wide
11 Remedial Assessment. And actually in the 1997
12 assessment, from what we understand, that the
13 Air Force has gone out -- gone out even further
14 into a couple of areas to make sure that that --
15 that that is appropriate -- that we actually are
16 seeing the extent of contamination.

17 This area here is -- is probably -- this
18 part of the plume is -- that we're talking about
19 is probably one of the better defined plumes.
20 We made a comment earlier that there's a plume
21 going off the south side of Zone 4 that doesn't
22 have really the level of well control that we
23 would like to see. But the Air Force is going
24 out and doing additional sampling out to
25 accommodate that, and to make sure that we -- we

1 do have a good understanding of what the extent
2 is in that area.

3 Also, the point to be made here is that
4 there's been a lot of concern about where the
5 plume goes off site in the area of Quintana
6 Road. That -- There's a lot of interest in
7 that. And all the wells in -- in that area were
8 included in the 1997 sampling, which will be
9 seen fairly soon.

10 Okay. And really in summary, addressing
11 that one portion of the plume, one of the
12 questions that we asked ourselves and, I think,
13 you asked us, is -- is -- is the information,
14 you know, provided by those three wells will
15 that change the picture? Actually, it will
16 not. You see the remedy is really -- is not
17 impacted, you know, from the original one that
18 was selected for this -- for this area -- for
19 the Quintana Road area.

20 And, actually, the three wells -- there's
21 no -- no other information that would indicate a
22 threat to human health or the environment at
23 those locations under the current use
24 conditions. So all that being said, are there
25 any questions?

1 MR. RICE: The Quintana Road area
2 is the southernmost extent of the plume?

3 MS. HUENI: Yes.

4 MR. RICE: Do you believe that
5 the southernmost extent of the plume has been
6 determined yet?

7 MS. HUENI: I think -- Let me see
8 here. I don't have a map unfortunately that --
9 that we have a transparency of. We're looking
10 at that right now. We had concerns about Number
11 18 establishing a new -- a new boundary point.
12 There are -- there -- There's one point to the
13 south of that that is indicated as dry. So we
14 may, in fact, be seeing -- seeing the edge of
15 the plume at that point or very near that point,
16 so --

17 MR. RICE: So is that a "Yes,"
18 you think that the southern extent of the plume
19 has been determined?

20 MS. HUENI: With the information
21 that we have now, I think, it's -- we're looking
22 at it because there -- there are wells that are
23 coming up dry that -- that we're -- we're
24 looking more at the geology of that part of the
25 section, and we will continue to do so. These

1 are really -- We'll be looking at that more, and
2 particularly as the 1997 data comes out.

3 So once, again, I want to emphasize that
4 this is a project that's in progress. It's
5 not -- Those values are not cast in concrete.
6 The extent of the plume is not cast in concrete,
7 you know, anywhere your groundwater
8 contamination is moving, so --

9 MR. BEYER: If I could add
10 something to that. Now, you know, as -- as we
11 get more data points we get more information in,
12 not only on just the contaminant levels, but
13 also what the hydrological conditions are
14 there. Of course, you, George, I'm sure can
15 appreciate that. There may even be a Navarro
16 high at that southern end which may effectively
17 cut off a lot of migration. But right now we're
18 still -- they're still having to evaluate that
19 information to determine -- Some of the wells
20 are dry in that area, so -- and the Air Force is
21 also still, you know, kicking around a lot of
22 ideas on -- in terms of remedial alternatives.
23 And there's lots of things that are needing
24 evaluated, at this time, and going through to --
25 to look at different remediation techniques,

1 so --

2 MR. RICE: Do you think we have
3 enough information, now, to identify the
4 southern extent of the plume or determine
5 whether or not there's a barium of -- of flow in
6 the south?

7 MR. BEYER: Today is the first
8 day that I've really looked at it, so I'd like
9 to look at it some more.

10 MS. HUENI: I think, I'd like to
11 add something on that. You know, that that
12 information really -- really has been
13 substantiated in the 1996, you know, Base Wide
14 Remedial Assessment. And all the wells in the
15 area were resampled again for 1997, so we're
16 going to be looking at that area in more detail
17 as that information is actually qualified. So
18 we can probably talk more about this after we
19 look at that as well.

20 MR. RIOJAS: Okay. Thank you
21 very much. You have one last question? We're
22 about thirty minutes over.

23 MR. SANDOVAL: One quick
24 question. In the attempts to identify potential
25 remedial alternatives for this site, is it

1 possible to obtain an internal technical memo
2 that identifies, maybe not so much remedial
3 alternative standards, but identifies what the
4 cleanup standards are for each of the chemicals
5 concerned, or is there a table that says MCLs,
6 secondary MCLs, risk calculated values, so when
7 I go back to my people in my neighborhood I can
8 identify what levels I'm talking about?

9 MS. HUENI: Those levels would,
10 again, you know, be set at the MCL and also at
11 the secondary levels. I think, those
12 numbers -- those numbers are actually, I think,
13 in -- in the compliance plan as proposed by the
14 TNRCC. So if you have a copy of that, those
15 levels will be in that document.

16 MR. BEYER: There's a Groundwater
17 Protection Standard for the -- for the MCL in
18 the Post-Closure Care Permit.

19 MR. SANDOVAL: And would it be
20 too difficult to have Kelly Air Force Base, you
21 know, combine one table to present all that
22 information so we can use that as a reference
23 point when we go out and do our talks?

24 MS. HUENI: Yes.

25 MR. RIOJAS: Would you like to

1 put that in the form of a motion today? Please,
2 speak into mic. We can't hear you.

3 MR. SANDOVAL: I would like to
4 set forth a motion that Kelly Air Force Base
5 combine and develop an interim memorandum --
6 technical memorandum that identifies all the
7 cleanup standards for groundwater that will be
8 used at Kelly Air Force Base.

9 This table should identify the chemicals of
10 concern for Kelly. It should also present the
11 MCL, secondary MCL, second -- or the secondary
12 risk standard calculation, and other -- any
13 other criteria that will be used to determine
14 the cleanup standards for groundwater.

15 MR. RIOJAS: We have a second?

16 MR. HAGELTHORN: Second.

17 MR. RIOJAS: Anymore discussion?

18 MR. BEYER: In terms of
19 discussion, you know, in the Compliance Plan
20 there is actually that -- that table is in
21 there, so -- But I -- I'm not sure if the -- all
22 the smeckles and the NACs are in the material,
23 but I'll check on that.

24 MR. RIOJAS: Any other
25 discussion?

1 MS. HUENI: No. Just in closing
2 I would like to remind everyone that --

3 MR. RIOJAS: We have a motion on
4 the floor right now.

5 MS. HUENI: Oh.

6 MR. RIOJAS: Let me call for a
7 vote. All in favor of the motion?

8 (Members indicating.)

9 MR. RIOJAS: Opposed?

10 (No response.)

11 MR. RIOJAS: Motion carries.

12 MS. HUENI: Okay. In summary, I
13 would just like to add that we do have copies of
14 the 1997 maps that we'd like to show, if anybody
15 has an interest in that, for Zone 3 at the
16 break. Thank you.

17 MR. RIOJAS: Thank you very
18 much. We've run a bit over -- quite a bit over,
19 but this was such a good discussion I didn't
20 want to interrupt it or I didn't want to curtail
21 it or anything -- curtail the discussion, so --
22 I thank you so much for -- for doing this, both
23 the TNRCC and the EPA.

24 And at the break I would like to introduce
25 everybody to my distinguished colleague over

1 here, Councilman, Mr. Bob Rath. I'd like to
2 say, hi, and thanks for coming.

3 (Short recess taken.)

4 MR. RIOJAS: Next we have
5 subcommittee reports. Subcommittee Report
6 Number A, procedures at Kelly of the
7 Administrative Rules Subcommittee, June 8th
8 report.

9 MS. PEACE: Okay. If y'all
10 recall, during the last RAB meeting we did pass
11 the first three parts of our Subcommittee
12 Report, which is that we would go by
13 Parliamentary Procedure, that the RAB Co-Chairs
14 would have equal powers as far as RAB went, and
15 that we would have a Parliamentarian, and we
16 elected Larry Hoffman to that position.

17 The Administrative Committee of the RAB met
18 on June 25th of 1997. Present were myself,
19 Larry Hoffman, George Rice, Camille Hueni, John
20 Jacobi, and Armando Quintanilla, and then also
21 Hilary Naab and Mary Kelly.

22 The Committee voted to adhere to its
23 reservations for the consideration by the RAB.
24 Some of these were presented at the August 28th
25 RAB meeting, as I just said, but time did not

1 permit a full report. So what I'd like to do is
2 go through the whole thing once without any
3 interruptions, and then possibly put it up for a
4 motion to pass the whole thing. Now -- And then
5 if anybody, at that time, wants to make a
6 recommendation that they would like to go by
7 item per item we could do that. But since --
8 Because of time constraints, I'd like to try to
9 just pass the whole thing tonight. So I would
10 ask y'all to refrain from interrupting until
11 after I've gone through it, okay?

12 So we'll have -- Let's see here -- the
13 procedure for meetings, and we've already passed
14 those, and then the agenda preparation -- Okay.
15 So what we'll have is the draft of the agenda
16 for the pre-draft meeting will be developed
17 jointly by the Co-Chairs and mailed to the RAB
18 members for review three to four weeks prior to
19 each RAB meeting.

20 Members of the RAB shall have one week to
21 respond to the Air Force with their suggestions
22 for additions to the agenda. The Co-Chairs will
23 confer about whether the requested additions
24 should be included to the agenda. After the
25 agenda is finalized, a copy of the revised

1 agenda will be sent to the RAB members at a date
2 prior to the meeting.

3 Public participation: The members of the
4 public will provide -- be provided an
5 opportunity to speak at each RAB meeting. There
6 will be a short ten-minute comment period at the
7 beginning of each meeting for public comment.
8 Each presenter will be limited to three
9 minutes. There will be a longer comment period
10 at the end of each meeting. The total length of
11 that period will be determined by the number of
12 speakers.

13 There will also be opportunities for public
14 comment during which particular agenda items are
15 introduced. So if there's something that's
16 really cogent to the public that would be up to
17 the Co-Chairs, they could recognize members of
18 the audience when they think it's appropriate.

19 Okay. The RAB Budget Reports: The budget
20 report will be made to the RAB prior --
21 outlining the expenses associated with the RAB
22 and the support services provided by the
23 contractor that supports the RAB. And, I
24 believe, that we had agreed that that would be
25 just part of the business at each meeting.

1 Okay. Services: The RAB requests an
2 opportunity to review the services provided for
3 the purpose of making constructive suggestions
4 to the Air Force, whether different or
5 additional services that can assist the RAB in
6 its mission. So that means we are also going to
7 have to get more information about the nature of
8 the support services, and that we will have
9 input as to those support services.

10 Okay. Number 6, the RAB Report: All
11 recommendations to the RAB regarding the mission
12 of the RAB should be compiled in a public
13 document to be called the RAB Report. The
14 recommendations made will be submitted in the
15 form of concise statements and moved for
16 approval and vote by any RAB member.

17 At the end of each meeting each RAB member
18 will have the opportunity to present such
19 motions and opinions for vote by the RAB. Each
20 motion whether passed or not, it shall be
21 recorded in the RAB Report.

22 A copy of the report shall be maintained in
23 both the Public Library and the Kelly Library.
24 And I had also thought it would be a good idea
25 to have that at the City Clerk's office. Now,

1 this will be a report -- a RAB Report that's
2 just taking care of RAB business. There will be
3 an opportunity there for minority opinions to be
4 expressed and, I think, it would be a really
5 handy document as apart from, you know, having
6 the minutes and the transcripts.

7 Number 7, Facilitation: A professional
8 facilitator should be retained to enhance
9 communication by the RAB members and to
10 facilitate the conduct of the Board and
11 committee meetings. A facilitator would also be
12 responsible for the compiling of the RAB Report,
13 and the RAB members would be participating in
14 the selection of the facilitator.

15 Okay. Conflicts of interest: The
16 following resolution regarding conflicts of
17 interest should be adopted by the RAB. It is
18 hereby resolved that members shall have the
19 responsibility to insure that their activities
20 outside the Restoration Advisory Board do not
21 conflict or create interference in conflict with
22 their membership on the Board.

23 Such activities shall include, but are not
24 limited to, any activity from which the member
25 may potentially draw an economic or financial

1 benefit that may be adverse to Kelly Air Force
2 Base. In the event a Board member believes that
3 a conflict may exist he or she shall have the
4 duty to report the existence and nature of the
5 conflict in such a way that the Board will
6 remain cognizant of such conflict for so long as
7 it may continue. If the Board member does not
8 refrain from voting on matters related to a
9 conflict, which is known to other Board members
10 or which is a matter of public information, or
11 if the Board member is not sure whether he or
12 she has a conflict in a particular matter then
13 the remaining Board members shall vote whether
14 such member shall not vote or whether his or her
15 vote should not be counted as the case may be.

16 Number 9, Committee Meetings: The
17 committee meetings shall be open to the public
18 to the extent possible. Committee meetings
19 shall be held on the same days as scheduled RAB
20 meetings, and at the same location as the RAB
21 meeting, if possible. And that there shall be
22 no public comment during Committee meetings.

23 Does anybody have any questions about any
24 of these items? Mr. Hagelthorn.

25 MR. HAGELTHORN: Item Number 5 on

1 Services.

2 MS. PEACE: Yes.

3 MR. HAGELTHORN: I'd just like to
4 see you reword that to the Air Force would --
5 Change it to read "the Air Force whether
6 different, less, or additional...." You're
7 saying you could add more or different services,
8 but you can't take something away. That's
9 ineffective.

10 MS. PEACE: Okay. So could you
11 restate that?

12 MR. HAGELTHORN: Okay. The RAB
13 requests an opportunity to review the scope of
14 services provided for the purpose of making
15 constructive suggestions to the Air Force
16 whether different, less, or additional services
17 that could assist the RAB in its mission. So
18 just add the word "less."

19 MS. PEACE: Okay. Are there any
20 objections to that?

21 (No response.)

22 MS. PEACE: I think that's a good
23 suggestion. Is there anymore discussion?

24 MR. RIOJAS: I'm concerned about
25 one thing. When you talk about the addition of

1 a facilitator -- Two Board members have -- RAB
2 Board members have gone to the press, okay, and
3 complained very much -- very vehemently about
4 the amount of money that the Air Force is
5 spending for the RAB. Now, this is an
6 additional expense we're talking about that has
7 not been budgeted -- has not been thought
8 about. I just want us to think about that
9 before we go on doing this, okay? Because you
10 can't have it both ways. We can't cut -- cut
11 the cost of the RAB and add -- and add costs to
12 the RAB.

13 MS. PEACE: Okay.

14 MR. RIOJAS: I just want to make
15 sure that all the members understand this when
16 they're voting on this.

17 MS. PEACE: And frankly, can I
18 clarify that, because I'm afraid I'm the one
19 that's responsible. I did not go to the press
20 with the purpose of complaining about the
21 expense of the RAB meetings. I was talking to
22 Roddy Stinson, because he's friend of mine, and
23 he seized upon that on his own. And as far as
24 the editorial that was presented in which I was
25 quoted, I asked Paul Richter -- that I didn't

1 really think that was an appropriate subject for
2 a staff editorial, but he said that his boss had
3 told him to do that, and so -- Lynette Burnet
4 had specifically directed him to address that.

5 And then when he quoted me, I did not tell
6 him that I thought that this process was a waste
7 of money, I said, I thought they wasted money.
8 And he said, well, it's just a matter of syntax,
9 but I -- I think, that it's something more.
10 Frankly, he did offer to print a retraction in
11 the Sunday paper, but since that had appeared on
12 Wednesday, I thought that that would just
13 attract attention to it, so I declined his offer
14 for a retraction.

15 MR. RIOJAS: Well, here's the
16 point, like I said, we just need to keep this in
17 mind when we're voting on this.

18 MS. PEACE: Okay. Mr. Rice.

19 MR. RICE: The point that is --
20 I'm one of those that thinks we spend way too
21 much money on this, also. But I think that
22 there's so much unnecessary expense here that we
23 could hire -- probably hire a facilitator for a
24 reasonable amount and still reduce the expenses
25 of each RAB meeting.

1 MR. RIOJAS: Just I -- Like I
2 said, just so long as we consider that.

3 MR. QUINTANILLA: Mr. Riojas, we
4 did have a facilitator here at one time for --
5 before for the RAB meeting. This is back in
6 '94-'95. However, the poor gentleman was from
7 Tennessee, he didn't understand the language
8 here, he could not communicate in Spanish, so we
9 suggested that he no longer come up -- that we
10 no longer pay for it.

11 MR. RIOJAS: You're talking about
12 the selection of the facilitator?

13 MR. QUINTANILLA: The
14 facilitator, yes. But we did have facilitator
15 before. We do need a facilitator now, and that
16 person should be bilingual.

17 MS. PEACE: Okay. Is there
18 anymore discussion?

19 MR. SANDOVAL: Annalisa, I have
20 three more points of discussion just really
21 quick. Item Number 2 of the agenda, the second
22 sentence, you have RAB members will review three
23 to four weeks. Isn't that a little bit too
24 long? It seems a long time to get an agenda
25 three to four weeks. I think we made --

1 MS. PEACE: So would you rather
2 have the -- How would you amend that?

3 MR. RIOJAS: Well, let me tell
4 you what some of the problem is, too. It may
5 take us three to four weeks, Damian, to get that
6 out. Because we get out the comments and -- and
7 then back, and then redone, and then they're
8 mailed out in time for the meeting. You know,
9 our -- our goal is trying to get the -- the --
10 the minutes and everything mailed out to being
11 to -- the announcements two to three weeks ahead
12 of time. So we're going to need some time in
13 there. I don't know if that's -- that's three
14 to four weeks, but we do need an extended period
15 of time.

16 MS. PEACE: If I might make a
17 suggestion. I know that there's going to be
18 some discussion on the floor tonight under New
19 Business that we have shorter intervals between
20 meetings which would alter this. So I would
21 like to suggest that we exempt right now this
22 Item 2 which specifies agenda until after we
23 discuss that, and then we'll go ahead and vote
24 on the rest of the package, if that's okay.
25 Now, Mr. Hoffmann, you had a comment, I know.

1 MR. HOFFMANN: Sure. My comment
2 concerns the use of a facilitator. I support
3 the idea of a facilitator, but it's -- it's a
4 different way of -- of running a meeting. I've
5 had experience with them. We need another
6 textbook right now about facilitating meetings.
7 And I think facilitators can be very, very
8 useful, particularly where we have different
9 opinions on -- on subjects. Much that goes on
10 when you use a facilitator involves consensus
11 and not necessarily strictly Robert's Rules of
12 Order. So there may be an adjustment process
13 there when we get to it and, I think, we can
14 handle that if we decide that we do want a
15 facilitator. But a -- a trained facilitator can
16 be very useful, I think, in an organization like
17 this -- or a group like this.

18 I don't know how much longer the RAB will
19 continue to exist. I'm new here, and so I
20 wonder -- at this stage of the life of this
21 organization I suggest we, at least, think
22 about, you know, our tenure into the future and
23 whether bringing a facilitator on board would be
24 that useful. Although, I like the idea of a
25 facilitator. So that's just some comments I

1 brought up for people to think about.

2 MS. PEACE: Okay. If there's no
3 more discussion I'd like to have a motion that
4 we go ahead and pass except -- excluding Item 2,
5 which is the agenda. Do I have such a motion?

6 MS. KELLY: No. Madame, Chair.

7 MS. PEACE: Okay.

8 MS. KELLY: As the Chair of the
9 Committee in making the Committee Report you
10 make the motion.

11 MS. PEACE: Okay. I -- I would
12 like to make a motion that we pass the whole
13 thing excluding Item 2, which is agenda, and
14 also remembering that we have already passed
15 Item 1. Do I have a second?

16 MR. RICE: With the addition that
17 Allan mentioned, as well as the addition you
18 mentioned?

19 MS. PEACE: Yes. With the
20 amendments mentioned.

21 MR. RICE: I second.

22 MS. PEACE: Okay. Do I have any
23 further discussion?

24 (No response.)

25 MS. PEACE: Okay. All in favor,

1 raise your right hand.

2 (Members indicating.)

3 MS. PEACE: All opposed?

4 (No response.)

5 MS. PEACE: Okay. It carries.

6 Thank you very much.

7 MR. RIOJAS: Next, we have a

8 Technical Subcommittee, June Meeting Report.

9 This is a report that was on the agenda a couple
10 of weeks ago, but we -- we ran out of time. But
11 this will be given by CH2M Hill.

12 MR. HOFFMANN: I'll trial try to
13 manipulate these lights and make sure that we
14 don't turn them out.

15 MR. DWYER: Thank you for hitting
16 those lights. I think, I'll be able to see a
17 little bit better.

18 This presentation is just a part of the
19 presentation that was given to the Technical
20 Subcommittee at the last meeting of the
21 Technical Subcommittee, and I just want to go
22 over -- I'm just going to cover the remedial
23 systems in Zone 2. Although, at the meeting we
24 covered the whole base. So it's just kind of a
25 portion of the presentation that was already

1 given.

2 Tonight, I just want to talk about Zone 2
3 Groundwater Recovery System Performance
4 Modeling. And these are -- it's a groundwater
5 flow model, so that's -- when I'm referring to
6 modeling, it's modeling the groundwater flow at
7 Kelly Air Force Base.

8 Next slide. I'm sorry -- Back one. My
9 lovely assistant, Mark, is handling the slides.
10 Just to give a brief overview, there's 12
11 interim groundwater recovery systems at the
12 base, and these are in all zones except for
13 Zone 4.

14 They are interim measures, and they were
15 put in use to stop migration of contamination
16 off the base. The initial system was put in at
17 the S-4 site, which is in Zone 3, in mid 1990
18 followed by the S-8 site, which is again in
19 Zone 3. It began operation in '92.

20 The Zone 1 and Zone 2 Systems began in the
21 fall of '93, and then the OT-2 or the MP System,
22 and the S-1 System in Zone 5 began in spring
23 of '96. Although, tonight in the talk I just
24 wanted to talk about Zone 2.

25 As most of y'all know, Zone 2 is right down

1 here in the very southern part of the base, and
2 the systems I'd like to talk about is the E-3
3 System, the CS-2 North Bank, CS-2 System, the
4 IWTP System, and the E-1 System at the very
5 southern part of the base.

6 The models that we develop -- Let me talk
7 just real briefly about the purpose and scope.
8 These -- these -- This evaluation was done in
9 the context of the '96 BRA, and it was another
10 way to look at how the systems were performing.
11 They were collecting a bunch of data on plume
12 movement and groundwater movement, and the base
13 asked CH2M Hill to do an independent evaluation
14 of the models power effectively set at cutting
15 off groundwater flow. Part of the scope was,
16 first, to develop groundwater flow models for
17 each of the sites. Very small scale local
18 models, basically one for each system. We then
19 developed some average annual remedials. Since
20 groundwater at Kelly and transport at Kelly
21 responds to more annual average conditions, we
22 didn't want to just look at, let's say, June
23 '96, which we were right in the middle of a
24 drought, we wanted to look at what was more
25 representative long-term conditions in

1 evaluation of the systems. And, finally, we did
2 a system evaluation using the model results.

3 The first step of this was data
4 compilation. As -- As we've seen tonight
5 there's just a lot of information out there
6 on -- on the hydrology and contamination at
7 Kelly Air Force Base. Primarily, we used
8 monitoring reports from 1994 to 1996. We used
9 13 reports of investigations, we looked at the
10 Kelly Air Force Base archives, which is, I
11 think, a time database, the soil boring
12 information, and analytical data. And then just
13 to give you an idea of the scope of what we were
14 looking at, there's 954 soil borings, 510 flow
15 or aquifer tests, and 1495 Navarro elevations
16 were used to -- in this evaluation of the
17 recovery systems.

18 Again, the -- the -- we wanted to look at a
19 long-term multi-year flow field, and for that we
20 used the 1994 average annual groundwater surface
21 to develop these models. And the reason we
22 thought '94 was a good year is because the
23 rainfall in '94 was within an inch of the
24 average at Kelly Air Force Base. We then
25 calibrated these models. Which involves taking

1 the model results comparing them to what's been
2 observed, modifying the entry parameters to try
3 to mimic what's observed -- it's kind of an
4 interim procedure, and this insures that the --
5 the model results are representative of actual
6 conditions.

7 Now, we used the 70 percent -- As far the
8 pumping rate that is simulated we used 70
9 percent of the maximum monthly rate on record.
10 And the reason we did that, again, is because in
11 the very recent time we've been in a drought and
12 the rates have declined, and our purpose was to
13 see the systems that are in place with the wells
14 and the pumps, and what are the potential of
15 those systems long term. So we decided on 70
16 percent of the maximum for the simulations.

17 We then did particle tracking which is
18 simply simulating the particles in the
19 groundwater flow field. We tracked them as they
20 flowed through, they hit the wells or go past
21 them. We used that data to estimate the Capture
22 Zone of the recovery systems of general path
23 line plots, and then what we did in '96, which
24 was different from '94, we compared the extent
25 of the -- of the capture of these wells with the

1 distribution of analytes in those areas to
2 really quantify if a well is missing water is it
3 important or not. Is that water contaminated
4 conversely, are we catching the contaminated
5 water. So after the -- after I give this little
6 talk we have some -- some boards showing
7 historic plumes before the systems went into
8 operation and what the '96 BRA information
9 shows. And I think you'll be real interested in
10 seeing the improvement that we see.

11 Again, path line interpretation is how we
12 determine how effective the wells are. We look
13 at the interception of flow in the recovery
14 wells or recovery trenches, and I wanted to
15 stress that this was not a solute transport
16 model. We just looked at how the groundwater
17 flows, not at how contaminant the groundwater
18 would move. And, finally, we looked again at
19 the potential performance of these systems not
20 any one line or quarter -- average annual
21 performance.

22 The first system that we did was -- in
23 Zone 2 was the CS-2 North Bank. It's located
24 just north of Leon Creek, thirteen recovery
25 wells. It was modeled in the same model with

1 the CS-2 Recovery System and the IWTP Recovery
2 Systems. The model velocities in the areas that
3 we modelled were between 6 feet and 12 feet per
4 day, which are not representative of the flow at
5 the overall base. But as groundwater comes down
6 into Leon Creek the velocities of the
7 groundwater really accelerate as they entered
8 the creek basin. Based on the modeling we've
9 got a 75 percent path line interception and, as
10 you can see, from the boards, if you want to
11 come up later, flow that doesn't get interrupted
12 by these wells appears to go under Leon Creek
13 and is captured by the CS-2 System on the other
14 side of the creek. So I don't want to infer
15 that there's a 25 percent rate off the base from
16 this evaluation.

17 The next system we looked at was the IWTP.
18 Again, it's just north of Leon Creek in Zone 2,
19 seven recovery wells. It was modelled in the
20 north bank -- the CS-2 System and velocity is
21 very similar 6 to 12 feet per day. They studied
22 a evaluation rate there of 90 percent capture of
23 the path lines. And of the 10 percent that did
24 appear to go through these systems it appeared
25 that the CS-2 System down -- down the street, if

1 you will, recovered that 10 percent.

2 The next system we looked at was a CS-2,
3 it's on the south side of -- excuse me -- the
4 south side of Leon Creek in Zone 2, ten recovery
5 wells, and a short piece of recovery trench. It
6 was modelled after the previous two recovery
7 systems, velocities of 1 to 12 feet per day
8 based on the evaluation rate of 100 percent
9 capture in this -- in this model. And it
10 provides good secondary containment for the IWTP
11 and CS-2 North Bank Systems which is on the
12 other side of Leon Creek.

13 Further down on the very south -- south
14 side of Zone 2 is the E-1 -- E-1 System. It's
15 further south of the recovery system it's
16 composed of a 500-foot recovery trench,
17 velocities are a little -- they're a little bit
18 slower here due to the tighter aquifer, 1 to 3
19 feet per day based on the model in the path
20 line, about a 90 percent recovery of intercepted
21 flow. However, bypass flow appears to go under
22 Leon Creek and would leave the base.

23 The final system that we looked at was the
24 E-3 System, nine recovery wells. Velocities of
25 less than 1 feet per day to 16 feet per day in

1 the modelled area. Intercepts about 100 percent
2 of the intercepted -- of the groundwater through
3 the system, and the bypass flow at this system
4 would go under Leon Creek and leave the base, if
5 there was any bypass flow.

6 In summary, the evaluation was for the
7 purpose of looking at the potential performance
8 of the interim systems. We did this with local
9 scale -- very small scale groundwater models and
10 we looked at average annual conditions as
11 opposed to a monthly snapshot or some snapshot
12 in time. And based on the modeling we -- we --
13 it appears that 75 percent to 100 percent of the
14 groundwater that -- that goes into these
15 recovery systems is captured and removed, so --
16 is there anybody -- I know there's a lot of
17 thoughts and foreign concepts here with
18 groundwater modeling. I don't know if you all
19 have heard from any groundwater models, but if
20 you have any questions I'd be glad to try to
21 answer them.

22 MR. SANDOVAL: I have a couple of
23 questions. Was there a -- is the -- the interim
24 systems are there -- is there -- is there any
25 relationship between the path line and the

1 amount of recovery where the water is going
2 around the well?

3 MR. DWYER: No. That's a good
4 point. The path line does not equal so much
5 flow, let's say, one gallon per minute. The
6 path lines just say that there's a particle
7 placed in this aquifer at some distance, here is
8 where that particle or molecule of water would
9 go. So I can't quantify to say 3 path lines
10 were intercepted out of 20 and, therefore, 3 out
11 of 20 were bypassed. But that's -- the numbers
12 I gave you, those are the way we quantify it.
13 But I -- I didn't say the percent of flow is the
14 percent of the path lines.

15 MR. SANDOVAL: The second
16 question I had was referencing the -- when you
17 assess the data and you put the data back into
18 your models did you use a statistical method,
19 was there a standard pretest or did you use the
20 upper 95 percent of the --

21 MR. DWYER: No. No. We took all
22 the data that -- that exists, that the base has,
23 and that we have, and compiled it, and put it on
24 maps. And then we really used a lot of judgment
25 on how the data was collected. Whether the data

1 was, for instance, on the slug tests -- or the
2 pumping test is usually a more representative
3 test. Given that initial starting of
4 distribution, then we took and we modeled -- we
5 ran a simulation of flow and compared it with
6 what the observed mapping showed us on the water
7 levels, and then made modifications for those
8 distributions to improve the match of the
9 observed condition.

10 So there wasn't any real statistics done
11 because we went to the next step in the
12 calibration which was to try to match the plume
13 conditions.

14 MR. SANDOVAL: And -- And my last
15 question may be -- may be just a point. Was
16 there any way to verify your model with real
17 time data?

18 MR. DWYER: The attempt that we
19 made in looking at the plumes was -- was really
20 a confirmation of the models themselves. That's
21 why we went into the effort of plotting the
22 recovery system capture zones on the observed
23 plume maps, so that when our model says 90
24 percent recovery we should -- and it's been in
25 operation for several years we should see a

1 reduction downstream of that system. And if you
2 want to come up later and look at these you'll
3 see that we've got good confirmation that these
4 systems are contained in contamination at -- at
5 the base boundary in Zone 2.

6 MR. SANDOVAL: Thank you.

7 MR. DWYER: Thanks a lot.

8 MR. RIOJAS: Thank you. Next, we
9 have the Technical Subcommittee, August meeting
10 report that Mr. Rice is going to make.

11 MR. RICE: Thank you, Ed. The
12 Technical Subcommittee met -- I forget the date
13 now -- several weeks ago, and the reason -- I
14 recall the reason for that meeting was so that I
15 could give a presentation on Air Force
16 withholding data, and the Air Force denying
17 responsibility for some groundwater
18 contamination off base at that meeting because
19 the RAB had decided I shouldn't give it at the
20 RAB Meeting. Well, it turns out that the RAB
21 also decided that I shouldn't give it at the
22 Technical Committee meeting either, so what I
23 hope to do is to give that presentation
24 shortly. That's the first thing.

25 The second thing was also a discussion of a

1 conflict of interest and whether or not I could
2 remain as Chairman of the Technical Committee of
3 the RAB. And the Technical Committee, which is
4 virtually everyone here tonight, voted that I be
5 removed as Chair of the Committee. So what
6 we --

7 MS. PEACE: No.

8 MR. RIOJAS: The Board.

9 MS. PEACE: No. We didn't vote
10 to (inaudible) --

11 MR. RIOJAS: It was voted to
12 recommend it.

13 MR. RICE: Yeah. So the
14 recommendation of the Technical Committee, now
15 to the RAB as a whole, is that I be removed as
16 Chair of the Technical Committee and, I guess,
17 what we need to do now is vote on that.

18 MS. PEACE: Before we take a
19 vote, may I ask you, Mr. Rice, are you receiving
20 any compensation monetary or otherwise for the
21 discovery you are doing for Mr. Quintanilla's
22 case?

23 MR. RICE: None.

24 MS. PEACE: Do you have a
25 contingency where you will receive any monetary

1 compensation or other compensation if that case
2 is won?

3 MR. RICE: No. The deal I have
4 here is that I will receive no money whatsoever,
5 except I will be reimbursed for certain expenses
6 I incur.

7 MS. PEACE: Okay. Thank you.

8 MR. RICE: So, I guess, what we
9 need to do now is vote on -- on this -- my
10 removal as Chair of the Technical Committee, so
11 I --

12 MR. RIOJAS: Before we do that,
13 we need to open it up for discussion.

14 MR. RICE: Yes. I'm sorry.

15 MR. RIOJAS: Is there any
16 discussion on the matter? This was discussed
17 once before, but, remember, the process we have
18 is that we'll recommend at one meeting, and then
19 we'll wait till the next meeting to take a vote
20 on it, so therefore, I'd like to open it up for
21 discussion before we take a vote if there's any
22 discussion to be made on this.

23 (No response.)

24 MR. RIOJAS: George, is there
25 anything you would like to say.

1 MR. RICE: No. Thanks for giving
2 me the opportunity, Ed. But as I said during
3 the meeting, my -- my goal here is to speak on
4 issues that I think are important. And as long
5 as I can continue to do that that's -- that
6 satisfies me. I -- I'd like to thank you all
7 for having the opportunity to be the Chair of
8 the Technical Committee; it's been very
9 interesting and, now, it's time for someone else
10 to take over.

11 MR. RIOJAS: Any other comments?

12 MR. JACOBI: Do -- Do I take that
13 to mean that you're -- you're effectively
14 resigning?

15 MR. RICE: No. I am going to be
16 voted out of office; I'm not going to resign.

17 MR. JACOBI: Okay. I'm
18 unfamiliar with the -- with the pending
19 litigation. Are you at liberty to discuss that
20 at all?

21 MR. RICE: Oh, yeah. I can
22 certainly discuss it. I am working as a
23 technical expert for Armando. Armando has
24 instituted a lawsuit against the Air Force for
25 diminution of his property values, because the

1 contamination from Kelly Air Force Base has
2 entered his property; is that correct, Armando?

3 MR. QUINTANILLA: That's
4 correct.

5 MR. JACOBI: Is that in any of
6 the areas that we're discussing as part of the
7 Restoration Advisory Board?

8 MR. RICE: Sure. We've been
9 talking about some of them tonight, Zone 3, the
10 Quintana Road neighborhood.

11 MR. QUINTANILLA: None that
12 specifically discuss 710 Price Avenue.

13 MR. JACOBI: I'm sorry?

14 MR. QUINTANILLA: None of that
15 information is specific to my -- my -- my
16 residence.

17 MR. JACOBI: So 710 Price Avenue
18 is -- is located in the areas that we've been
19 talking about for --

20 MR. QUINTANILLA: Yes.

21 MR. JACOBI: Can you tell me what
22 the status of the litigation is?

23 MR. QUINTANILLA: It's in
24 discovery.

25 MR. JACOBI: When was the

1 litigation initiated? When did you file the
2 suit?

3 MR. QUINTANILLA: I filed it a
4 year ago -- a year and a half ago. Now, let me
5 bring this up. Ever since -- I filed a claim
6 first, and I couldn't get anyone at Kelly Air
7 Force Base to -- to -- that I could call to. I
8 had to go to Congressman Tejeda so that he could
9 tell me who I could talk to at Kelly. That's
10 when I got that call in.

11 I waited 6 months, I could not get my claim
12 resolved through the Judge Advocates Office, so
13 I went to see an attorney. An attorney has
14 taken over my case. And I would like to say
15 that if I do have a conflict of interest in --
16 you know, so does the -- so does Mr. Riojas
17 because he also is a -- he also is participant
18 in my lawsuit.

19 MR. JACOBI: I'm sorry?

20 MR. QUINTANILLA: So does
21 Mr. Riojas. If have a -- If there is a
22 conflict.

23 MR. RIOJAS: I think you should
24 say that the United States Air Force, not
25 Mr. Riojas.

1 MR. QUINTANILLA: Yeah. That's
2 who Mr. Riojas -- That's all the same. But
3 anyway, that's -- that's the way it is.

4 Now, I have brought this to the attention
5 of attorneys -- to Briana Williams, when she was
6 the attorney, and she said, as long as we do not
7 discuss my property, I'm okay. As long as I
8 don't vote that I receive compensation for --
9 for -- on this lawsuit from this Board -- This
10 Board cannot give me a penny, cannot take a
11 penny away from me. And that's the reason I sit
12 here, and the Air Force lawyers know full well
13 or they could have eliminated me months ago from
14 this particular Board. That is not the case
15 here. I am a stakeholder, I live in an impacted
16 area of -- of -- by contamination from Kelly Air
17 Force Base, and I have a right to be here. I
18 have as much right to be here as Mr. Riojas.

19 MR. JACOBI: Can -- Can you
20 expand on that analogy a little bit. The Air
21 Force is, as I understand it, you know, paying
22 for this.

23 MR. QUINTANILLA: I would prefer
24 that the Air Force lawyers do that. This is a
25 legal matter, and I -- I just -- you know, I'm

1 not that -- that much in the legal system, but
2 the Air Force lawyers have said that I could be
3 here.

4 MR. JACOBI: Would Counsel for
5 the Air Force care to comment at this point?

6 MR. RIOJAS: You're talking about
7 Mr. Quintanilla, not Mr. Rice?

8 MS. KELLY: Well, I will speak to
9 all of the conflict issues that seem to be on
10 the floor right now. And they really cover a
11 wide range, all the way from Mr. Riojas to
12 Mr. Rice to Mr. Quintanilla, probably all of us
13 in this room.

14 I've looked into some regulations and state
15 ethics codes, you know, just to get a little
16 deeper into what "conflicts" means in various
17 settings, and especially as it would apply to
18 the RAB. And I think Mr. Quintanilla's point is
19 absolutely correct. With regard to service on
20 the RAB anyone -- anyone of you has a bias or a
21 special interest that you're representing, and
22 that's why you are here on this RAB. That's
23 what it is, to bring those interests together.

24 But to the extent that interest brings you
25 a pecuniary personal benefit, which is possible

1 under the scenario of a lawsuit that's been
2 filed, that puts that interest in a very special
3 category. As long as that interest is
4 disclosed, and when matters are discussed and
5 come to a vote the person who has that special
6 interest refrains from voting our view is that
7 that's appropriate.

8 Now, when you reach the next level, a
9 Committee Chair, that is a position that is not
10 from your general participation on the RAB, but
11 from a special responsibility that you have by
12 virtue of being a RAB member. In other words,
13 not because you're in the public and you're on
14 the RAB, but because you're on the RAB to get
15 this special responsibility -- And that's where
16 your collective decision is important, what you
17 collectively -- you members who are active in
18 this RAB, what you want, and what you deem is
19 appropriate. If Mr. Rice discloses his
20 conflict -- And, again, we won't go into what
21 degree of conflict it is, whether it's the same
22 as Mr. Quintanilla, but certainly it's likely to
23 be a higher level than the rest of you who are
24 representing various public constituencies. So
25 he is somewhere between Mr. Quintanilla and the

1 rest of you. If that conflict to you seems
2 inappropriate for the special responsibilities
3 of determining the agenda of Committee meetings
4 and in bringing the reports of those Committee
5 meetings to you, then that is a matter that you
6 need to deal with, and you should deal with, and
7 it's appropriate for you to deal with. Lawyers
8 can't make that decision for you.

9 MR. RIOJAS: Any other questions
10 before we vote?

11 (No response.)

12 MR. RIOJAS: Okay. I'm going
13 to --

14 MR. JACOBI: I have one other
15 question. Do we have a replacement or someone
16 that would be interested?

17 MR. RIOJAS: That comes
18 afterwards.

19 MR. JACOBI: Before I jump off
20 the dock I like to know where I'm going to
21 land. I -- I'll withdraw the question.

22 MR. RIOJAS: Okay. Okay. So I'm
23 going to ask for a -- a -- a hand show on the
24 vote.

25 All in favor of removing -- of accepting

1 the Technical Committee's recommendation on the
2 removal of George Rice as the Chairman of the
3 Technical Subcommittee, raise your right hand.

4 (Members indicate.)

5 MR. RIOJAS: (Inaudible) twelve,
6 thirteen. All opposed.

7 (Members indicate.)

8 MR. RICE: Come on, someone
9 else.

10 MR. QUINTANILLA: I want the
11 record to reflect that I did not vote.

12 MR. RIOJAS: That you abstained?

13 MR. QUINTANILLA: Yes.

14 MR. RIOJAS: All right. The vote
15 carries.

16 MR. RICE: Okay. So I don't know
17 if I should -- at this point, if we talk about
18 the -- or should I go ahead with the
19 presentation --

20 MR. RIOJAS: Let me just take a
21 few minutes before you go into your next
22 presentation, okay. I -- I would -- I've had
23 my -- Mary Kelly put together some words for
24 me. And I'd like to go over the background of
25 the Technical Committee.

1 The RAB Technical Committee has been
2 operating as a Committee of the whole. That
3 means that everybody in here is -- is a member
4 of the Technical Committee -- all Board members
5 are upon exofficial.

6 Now, the mission of Committee was to review
7 the technical data from the Kelly Air Force Base
8 restoration activities, and to report on such
9 information to the RAB.

10 The Chair, George Rice, was appointed by
11 the previous RAB Co-Chairs. Meetings and
12 agendas were set by the Chair. The problem, as
13 I see it, is if you have a subcommittee of the
14 whole -- of the whole, then, making -- making a
15 report to the RAB as a whole -- And I talked to
16 George Rice about this the other day, and both
17 of us thought this was a good idea. And after I
18 read this, George, tell me if you confirm that
19 it is.

20 I think, we need to reform and reconstitute
21 the Technical Committee, and the
22 recommendation -- This is my recommendation --
23 This is the Air Force recommendation, and see if
24 you like it or not. Reduce the size to six or
25 eight, mostly of the -- of the work group of,

1 what I call, technocrats, the people that --
2 that have the ability to assess the technical
3 data. And anybody can -- can volunteer for
4 that and -- and be a member of the
5 Subcommittee. Schedule the meetings shortly
6 before the RAB meeting, and any RAB member can
7 attend, but -- but the RAB member, if he's not a
8 member of the Technical Committee we're not
9 going to ask him to participate in that, because
10 that's a Technical Subcommittee meeting.

11 The mission will be to review and discuss
12 the technical information related to the
13 restoration activities and to make suggestions
14 on presentations to be made to the Board. And
15 that's what I would recommend us doing.

16 And, I think, that would be a little -- it
17 would be a little bit more meaningful. Anybody
18 can be on there that -- if you volunteer we'll
19 just put you -- put -- put you down, and then
20 other members can show up. So that's my
21 recommendation.

22 And is there anybody that's got a problem
23 with that recommendation?

24 MR. RICE: And, Ed, as we spoke
25 the other day, I think, those are all good

1 ideas. You mentioned one idea, when we spoke,
2 that I don't think you mentioned this evening,
3 and that is there would be a report by the Chair
4 and --

5 MR. RIOJAS: Oh, yeah. Yeah,
6 that's right. The Chair would report back to
7 the Committee.

8 MR. RICE: Okay. And an
9 opportunity for a minority report.

10 MR. RIOJAS: Yes.

11 MR. MIXON: I support what you
12 have said. I'd just like to make a suggestion
13 that we add one other thing. And that is, that
14 the Subcommittees elect or otherwise appoint the
15 Chairman of that Committee.

16 MR. RIOJAS: Among themselves?

17 MR. MIXON: Yes.

18 MR. JACOBI: I'm sorry. Would
19 you repeat that, Carl?

20 MR. MIXON: The members of the
21 Subcommittee decide on who's going to be the
22 Chair of their Committee.

23 MR. JACOBI: Fine.

24 MR. MIXON: You want to just add
25 it to --

1 MR. RIOJAS: Okay. So, I guess,
2 I can put this in the form of a motion. To
3 reform and reconstitute the Technical Committee
4 as follows: Reduce the size to six or eight,
5 more of a working crew of technocrats; to
6 schedule the meetings shortly before the RAB
7 meetings; any RAB member may attend; the mission
8 of the Technical Committee will be to review and
9 discuss the technical information the day of the
10 restoration activities, and to make suggestions
11 on presentations to be made to the Board; and
12 last, but not least, that the -- that the
13 Chairperson will be voted on by the Committee
14 themselves.

15 MR. JACOBI: I second.

16 MR. HOFFMANN: If we're going to
17 limit it to six or eight, I think, that's a good
18 idea to limit it. Too many on a committee just
19 makes another RAB. And supposing -- You said
20 anybody who wants to can be on.

21 There -- There could be a real conflict if
22 twelve people want to be on it, and you want to
23 limit it to being a small committee. Is there a
24 selection process we should use?

25 MR. RIOJAS: Annalisa, you want

1 to talk to that?

2
3 MS. PEACE: Well, I was just
4 going to suggest the contingency that the entire
5 RAB go ahead and elect the members of the
6 Subcommittee. Would that be feasible?

7 MR. HOFFMANN: Well, I was
8 thinking along that line. Let the people who
9 are interested in being on that indicate it --
10 indicate their interest, and then the RAB itself
11 select.

12 MS. PEACE: Of course, select.

13 MR. ROBERSON: Or why don't we
14 just have the Co-Chairs select?

15 MR. HOFFMANN: That's fine with
16 me. I personally have no objection. I think,
17 the selection process is --

18 MR. ROBERSON: Let people
19 volunteer. But if more than eight volunteer,
20 then the Co-Chairs will select the eight.

21 MR. QUINTANILLA: I go along with
22 that.

23 MR. JACOBI: I'd like to go on
24 record stating that I have -- I have no
25 objection to having Mr. Rice serve on that
Committee.

1 simple -- simple report that they may be able to
2 make that night, then they could do it. I'd
3 like to leave that up to the discretion of the
4 Technical Committee.

5 MR. JACOBI: How long is it
6 recommended that we be -- have a meeting before
7 the fact to the Technical Subcommittee if they
8 choose to do so, we're not going to eliminate
9 the option?

10 MR. RIOJAS: That's right.

11 MR. SANDOVAL: We may also look
12 at the -- the members on the Subcommittee as
13 both being from the regulatory side and
14 technical as well as the community side. There
15 should be a balance on the Technical Committee.

16 MR. RIOJAS: I think, that the
17 volunteers -- I think, that we could accommodate
18 that.

19 Okay. All in favor of the recommendation
20 as stated indicate by raising your right hand.

21 (Members indicate.)

22 MR. RIOJAS: All opposed.

23 (Members indicate.)

24 MR. RIOJAS: Passes. Maybe --
25 Maybe, I could just get a show of hands right

1 now of people who would be interested on being
2 on the Technical Subcommittee.

3 (Members indicate.)

4 MR. RIOJAS: One, two -- Yeah.
5 There's one, two, three, four, five, six, seven,
6 eight.

7 MR. ROBERSON: Raise your hands
8 again so we can see who you are.

9 (Members indicate.)

10 MR. RIOJAS: One, two, three,
11 four, five, six, seven, eight -- There's nine.

12 MR. ROBERSON: That's a good
13 group.

14 MR. RIOJAS: Yeah. In fact,
15 let's go on and do that.

16 MR. JACOBI: Just repeat your
17 names, for the record.

18 MR. HOFFMANN: Larry Hoffmann.

19 MR. RIOJAS: Larry Hoffmann.

20 MR. SANDOVAL: Damian Sandoval.

21 MR. RIOJAS: Damian Sandoval.

22 MR. RICE: George Rice.

23 MR. RIOJAS: George Rice.

24 MR. PERSON: Paul Person.

25 MR. RIOJAS: Paul Person.

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MR. HAGELTHORN: Allan
Hagelthorn.

DR. LENE: Gene Lene.

MR. BEYER: Gary Beyer.

MS. HUENI: Camille Hueni.

MR. RIOJAS: Camille Hueni.

Okay. Then y'all will have to meet and -- and
decide who's going to be your spokesperson.

Okay.

MR. JACOBI: May I suggest they
may want to have a short meeting after this
meeting to try and make that determination.

MR. RIOJAS: Okay. Mr. Rice,
you're up.

MR. RICE: Okay. Can y'all see
that? I -- I had intended to talk about two
things tonight, as I said earlier. One was the
issue of the Air Force withholding data from the
public and the regulators; and second, the Air
Force denying responsibility for some of the
groundwater contamination that is found off
base.

However, on that first issue, "withholding
data," I think, we came to a very good
resolution already this evening. That's

1 neighborhood. This plume extends about 2,000
2 feet into the neighborhood, and this line right
3 here is the line that denotes concentrations
4 above the MCL, 5 parts per billion.

5 (Indicating.)

6 Now, as a result of the lawsuit that I'm
7 working on with Armando a lot of information has
8 come to light. And some of the information
9 that's come to light in this discovery process
10 is that the Air Force is now claiming that
11 they're not responsible for much of this
12 contamination. And I -- I'm not going to get
13 into the technical details, but anybody who
14 wants to talk technical details, I'll be happy
15 to discuss them later. But what the Air Force
16 has basically told the Federal Court through
17 its -- the deposition of its expert witnesses is
18 that with regard to the PCE plume -- Now, there
19 are other plumes in the Quintana Road
20 neighborhood, but using the PCE plume as an
21 example, they say that they're only responsible
22 for the contaminants that have moved between 3-
23 and 400 feet off of Kelly. The remainder of
24 this 2,000-foot plume here is somebody else's
25 responsibility.

1 Now, the Air Force does not say whose
2 responsibility the rest of this plume is, but
3 they just say it's somebody else, it's not us.
4 And they make technical arguments to -- to back
5 up their point of view that they're only
6 responsible for that much contamination.

7 So this is what the Air Force is saying in
8 Zone 3, the Quintana Road neighborhood.
9 Personally, I'd like to know also what they're
10 saying in other areas where the groundwater
11 contamination extends beyond the base. Zone 5,
12 the area around east Kelly, down near Leon Creek
13 in Zone 2 -- Camille, you have a question or
14 comment?

15 MS. HUENI: I -- I just want to
16 comment, I don't think that it is the Air
17 Force's position. Certainly under the
18 regulations the Air Force is responsible for all
19 the contaminants that move off -- off site.
20 There's no magic number, you know, footage away
21 from the boundary of the base for which they're
22 responsible, and I'm not sure how exactly how
23 that is coming into play. It's not an Air Force
24 decision, as far as I know.

25 MR. RICE: Let me try to explain

1 it. In documents filed in Federal Court the Air
2 Force's expert witnesses have said that it is
3 not possible for the Air Force to have produced
4 this plume that we see here.

5 MS. HUENI: I think the only
6 thing that we can really say, at this point -- I
7 would like to point out that -- from information
8 that we have and -- and, you know, conversations
9 that -- that -- that we've had through the PCT
10 process there has never been an indication that
11 the responsibility stops at a certain point, and
12 I'm wondering is that really an Air Force
13 position. Is it -- Is it, you know, perhaps
14 another group of people who are involved in the
15 lawsuit and are offering an independent
16 opinion?

17 MR. RICE: This is what Air Force
18 expert witnesses have told the Federal Judge
19 who's responsible for the lawsuit.

20 MS. PEACE: And, Camille, the
21 reason that I asked that this presentation be
22 made is because, I think, that if, you know,
23 this is a position that's being taken in the
24 lawsuit it's very important for us to know that,
25 the citizens of San Antonio to know it, and for

1 our community to know that.

2 MS. HUENI: Well, I think I would
3 just ask for clarification. Is that an Air
4 Force position? Because if it is, we have not
5 heard that; and if it is not, I think, that it
6 needs to be on the record as well.

7 MR. RICE: Yeah. Please, Ed.

8 MR. RIOJAS: Well, to tell you
9 the truth, I really do not know that -- what
10 data he's talking about. I have -- This is the
11 first time I've heard this myself. And I'm not
12 a technocrat, but I can ask somebody else to
13 help, if -- if they know. Can you comment to
14 this?

15 MR. COTTON: I -- I think, we
16 would -- You know, if those specifically were
17 documents you referred to and we're not -- you
18 know, this is being handled by lawyers out of
19 Washington. But I would -- we would certainly
20 like to know what documents specifically you're
21 referring to.

22 MR. RICE: This -- The package
23 that was sent out before the last Technical
24 Committee meeting contained this document. And
25 I'm sorry you didn't all read this document, but

1 it was the opinion of the Air Force's technical
2 experts -- It's about ten pages long.

3 MS. HUENI: I think, we all
4 received that in our package. And I -- I still
5 have the same comment. It is not clear to me
6 that it -- that that is an Air Force position.
7 Because that would be one that would be really,
8 you know, contrary to what we have really seen
9 in our discussions, as well as the requirements
10 of the regulations, so --

11 MR. RICE: Fine. Okay. Could we
12 perhaps resolve this issue this way, and then
13 maybe I'll be done? Could we ask the Air Force
14 to come back at the next RAB meeting and tell us
15 if this is, in fact, their position or not? Is
16 that a reasonable thing to do? Ed, can we do
17 that?

18 MR. RIOJAS: I think, you can ask
19 us; I'll have to refer that to my Jag.

20 MR. COTTON: Shall I respond to
21 that or --

22 MR. RIOJAS: Yeah. If you can.

23 MR. RICE: Yeah.

24 MR. COTTON: You know, I -- I
25 think, we've already told you our legal

1 position. That we're not going to engage in a
2 debate in this forum of issues that are the
3 subject matter of litigation -- pending
4 litigation. It would be inappropriate to try
5 to -- to discuss something that is before the
6 Court that is being adduced as a matter of
7 evidence.

8 MR. RICE: I guess, what I would
9 be interested in seeing the Air Force's answer
10 would be a "Yes" or "No" question. Do you agree
11 with the position of your expert witnesses as
12 they have filed it in Court or do you not agree
13 with the position of your expert witnesses? If
14 you could come back at the next RAB meeting and
15 give us a "Yes" or "No" answer to that, I'd be
16 satisfied.

17 MR. COTTON: I don't think we're
18 going to engage in a -- in a Court discussion.

19 MR. MIXON: Let me -- Let me
20 offer this. Just so we can get this report done
21 and over with, why don't you just say, "it's
22 alleged."

23 MR. RICE: It's not alleged.
24 It's in the --

25 MR. MIXON: Well, just say it's

1 alleged. Just say it, get it over with, and
2 then -- and then the Court case is going to deal
3 with the legalities of it. We can't solve the
4 legalities of it. Allege it, make your
5 accusations, and let's -- let's get this report
6 over with.

7 MR. RICE: Okay. Okay, Carl.

8 This is the position of the Air Force in front
9 of a Federal Court, in front of Federal Judge.
10 The reason, I think this is important for us as
11 a RAB is because we have to wonder, well, what
12 is the Air Force, then, going to say about the
13 groundwater contamination in Zone 5, in Zone 4,
14 and in Zone 2.

15 Every time something like this comes up is
16 the Air Force going to bring in experts to
17 explain to somebody how it's physically
18 impossible for them to have contaminated
19 groundwater to the extent it's contaminated.

20 And if I might just finish by saying this.
21 If this is the Air Force's position, and it is
22 what they've told a Federal Judge, then, the
23 question is, who's responsible for cleaning it
24 up? If the Air Force says that they're not
25 responsible for it, does the state pay for

1 cleaning it up, the City, Greater Kelly, who's
2 responsible for cleaning it up?

3 These are things as a community, I think,
4 we need to consider. Thank you. Camille.

5 MS. HUENI: I think I'd like to
6 comment -- You know, just a summary comment.
7 Again, this evening we saw information presented
8 from the last three years of monitoring that
9 data where the Air Force showed, not only the
10 extent of contamination of the plume as defined
11 by the MCL level, but also taking those plumes
12 with the information they have now to a level of
13 non-detect, which is appropriate.

14 Under the regulation the Air Force is
15 responsible for the plume as it moves from on
16 site to off site. And, I think, we're -- we are
17 in the process of really discussing remedies
18 that are incorporated into that -- into that
19 position. That's one that -- it's in the
20 regulations, we have to be -- we have to do
21 that.

22 MR. RICE: Okay.

23 MR. ROBERSON: You know, if I
24 could -- if I could comment, too, George. You
25 know, before -- I'd really have to evaluate --

1 to evaluate what you've said. I mean, you
2 really need to understand precisely what is the
3 question the Air Force is answering. At least,
4 my limited, you know, experience with discovery
5 is that very, very precise questions are asked
6 that are very carefully delineated, and very
7 careful answers are given to that precise
8 question. And if, you know, I -- I can -- we
9 have a couple of scenarios here, you know,
10 where -- you know, where the Air Force -- where
11 there might be some evidence of some other
12 contamination in that area from some other
13 source, and the Air Force has taken a position
14 that -- that it's unreasonable to hold us
15 accountable for -- for the impact on property
16 values if there is other contamination here.
17 Which may be a totally distinct answer from
18 anything having to do with whether they're going
19 to clean up in that area or not. So I --
20 it's -- It's totally unclear to me what you have
21 just said and what it all means, quite frankly.

22 MR. RICE: Okay. Well, I just
23 hope you all will read that document that y'all
24 got, because it's very interesting, and leave it
25 at that.

1 MR. SANDOVAL: Let me just
2 answer, I did read that document. I understand
3 where you're coming from with the question,
4 however, it's positive -- it's reassuring to
5 hear, you know, people saying that we have to
6 get our facts straight on a case-by-case basis.
7 And the interpretation from 1800 miles away,
8 three thousand miles away out of D.C. is not
9 going to pertain to much -- you know, what the
10 TNRCC and EPA says.

11 MR. RIOJAS: Well, the TNRCC and
12 the EPA are the remedial process. And to the
13 extent of whether it goes to the Air Force is
14 relying upon them to help us with this. They're
15 a regulatory agency, and they will tell us.
16 Whether we agree with it or not, they will tell
17 us.

18 MR. ROBERSON: The only thing I
19 can add to that, is the community is just going
20 to raise hell with you if the Air Force doesn't
21 clean that up.

22 MS. ADAMES: Especially if you're
23 sitting on it.

24 MR. MURRAH: I would like to
25 comment, too, that it -- it is y'all's

1 responsibility anyway, isn't it?

2 MR. BEYER: Yes, it is. And
3 those plumes are being addressed in the
4 Post-Closure Permit, and the Air Force is being
5 told to clean it up. There are possibilities of
6 other sources of contamination, and those other
7 sources also ought to be -- beware that the Air
8 Force may be coming after them for compensation
9 for cleaning up their contamination also. So
10 there's a lot of -- a lot of things to be
11 considered in that situation.

12 MR. RICE: Gary, have you read
13 the documents submitted to the Court by the Air
14 Force?

15 MR. BEYER: Yes.

16 MR. RICE: All right. Do you
17 agree with the Air Force's contentions?

18 MR. BEYER: I really don't want
19 to comment.

20 MS. HUENI: I think, we're
21 getting really into the lawsuit itself, and I --
22 I think that was one of the issues about the
23 Technical Subcommittee was that the issues that
24 were supposed to be discussed really deviated
25 quite -- quite a bit from the, you know, extent

1 of contamination issue, and actually got into
2 points of the lawsuit, which will be resolved at
3 that forum.

4 MR. RIOJAS: Yeah. Just in
5 summary, you know, we're still -- the public
6 welfare, we're still drilling wells to find out
7 more data. So all the data is -- is not in. We
8 talked about this earlier. The TNRCC said that,
9 the EPA says that, we said that also, so -- you
10 know, we're still -- we're still looking and
11 we're still filing more data.

12 Okay. With that I'd like to close the
13 topic and move on to the next topic, which is
14 the RAB -- RAB Proposed Budget. As you know,
15 and we talked about earlier, there was a --
16 there was a comment or a piece in the paper with
17 respect to the cost of the RAB. And in your --
18 And also, Armando, you asked me to put this on
19 the agenda, in your package here is a copy of a
20 letter we sent to Roddy Stinson who asked the
21 question. And there's the data that we gave to
22 him, and here's the data we gave to you.

23 MR. QUINTANILLA: You know, I
24 only have one question to that, Mr. Riojas. I
25 think the report passes, but I would like to

1 know exactly how much went to La Prensa and how
2 much went to the San Antonio Express-News in
3 advertising?

4 MR. RIOJAS: The Express-News is
5 probably three or four times as much as
6 La Prensa.

7 MR. QUINTANILLA: How much is
8 that?

9 MR. RIOJAS: I could estimate. I
10 can't tell you exactly, but it's over 2,000.

11 MR. QUINTANILLA: Would they
12 know? Would our public affairs office know?

13 MR. RIOJAS: No. No. In fact,
14 we know that. I can go back and get that --

15 MR. QUINTANILLA: And you don't
16 have to bring it up before all the people, just
17 send me a little note, you know. La Prensa got
18 ten cents and the Express-News got ninety cents.

19 MR. RIOJAS: It's probably that
20 ratio. Okay. Well, I think, that we have been
21 successful in coming to the end of this
22 meeting.

23 Now, we have time for community comments
24 with respect to the briefings that have been
25 given, but it looks like most of the community

1 has left. But are there any comments that any
2 of the community would like to make with respect
3 to the briefings?

4 I think, that I want to congratulate the
5 RAB for -- for a very, very good job today in --
6 in conducting ourselves properly. We have
7 gotten through a lot of data; we've taken more
8 time than we probably should have taken, but
9 it's very, very important to get this out, and
10 we need to be congratulated on that.

11 Now, for my summary and closing. I'd like
12 to set the date, time, and location for the next
13 meeting now. I have a recommendation that we
14 have the next RAB meeting on the second of
15 December.

16 MR. QUINTANILLA: Wow, that's
17 three months from today.

18 MR. RIOJAS: And that's my
19 recommendation.

20 MS. PEACE: Can I make one?

21 MR. RIOJAS: Sure.

22 MS. PEACE: Frankly, I'd like to
23 see the meeting towards the -- if nothing
24 else -- if not sooner, towards the beginning of
25 November, because December is like the month

1 from hell with the holidays and all.

2 MR. RIOJAS: It sets Thanksgiving
3 before Christmas.

4 MR. SANDOVAL: I'd like to make a
5 comment, for the record. I think, that with all
6 the issues coming up, they're all critical
7 decision points that Kelly Air Force Base and
8 the RAB are going to be involved in, I think,
9 waiting and delaying it for November or
10 December --

11 MR. RIOJAS: Well, you know,
12 additionally the RAB was set up for a quarterly.
13 And it was requested for that and budgeted for
14 that, you know, amount of dollars. It costs us
15 quite a bit of money to do this. We had
16 recently gone to the two-month thing because
17 there was a lot of information, and there --
18 there was a lot of stuff that we had get out.
19 Now, it appears that there's going to be a
20 period time before we have a lot more technical
21 information to bring back to the RAB, that's why
22 I made that recommendation.

23 MR. RICE: I -- I think, that
24 even every two months is a little too
25 infrequent. There are a lot of things go

1 through, as we see tonight, it's almost 10:00
2 o'clock.

3 For example, understandably, you didn't
4 give your report on the RAB, but -- yet, and
5 nobody's complaining much about it. Just a lot
6 of -- a lot to go through, and rather than them
7 going back to quarterly, I think, we should
8 consider tightening up.

9 MR. RIOJAS: Well, remember,
10 George, you're one of the people who was
11 criticizing about the amount of money we're
12 spending and, now, you're talking about
13 increasing the cost of it.

14 MR. RICE: And I -- As I said, we
15 can hold the meetings for a whole lot less than
16 \$12,000 each. A whole lot less.

17 MR. QUINTANILLA: I would like to
18 compromise. Every -- Instead of every three
19 months, let's hold it six weeks from today.
20 Because we need the City to come in and tell us
21 about Quintana. You know, are -- are they going
22 to get the permits?

23 MR. RIOJAS: Let's here from this
24 side.

25 MS. HUENI: I actually have a

1 special request. In talking about -- very
2 broadly about the PCT meetings we have a lot of
3 documents in-house right now that we really need
4 to spend substantial time reviewing. It
5 really -- If we're doing a lot of traveling, it
6 really impacts our ability to review documents
7 too, which is our responsibility. And at the
8 PCT meeting we agreed -- we normally have a
9 monthly meeting, but we agreed not to meet -- or
10 to go to, I think, it's November the 18th, so
11 that would afford us a little more time, right
12 now, what we need to get past some of the
13 hurdles. So, I think, I would probably suggest
14 the next RAB meeting, if -- if y'all don't want
15 to have it December the 2nd, maybe, we could
16 have it around November the 18th to coincide
17 with that meeting to allow us a little bit more
18 time --

19 MR. BEYER: (Inaudible.)

20 MS. HUENI: I'm sorry. Actually,
21 that meeting is going to be in Dallas, so --
22 It's getting late. So, anyway, I would just
23 have y'all consider that. I think, we're really
24 at a point right now where we've got -- we've
25 got actions pending on several documents, and

1 it's really important for us to get those
2 documents out, but we will try to accommodate.

3 MR. QUINTANILLA: I guess, we're
4 at mercy of the, you know, people from the EPA,
5 and TNRCC, and --

6 MS. PEACE: I think, -- Sorry to
7 interrupt, Armando, but for one thing -- you
8 know, we don't have to consider it right now,
9 you know, if y'all would consider not having the
10 meetings on Tuesdays until after January because
11 I have a class that night.

12 MR. QUINTANILLA: I still think
13 that we should meet six weeks from now. If I'm
14 overruled, that's fine.

15 MS. PEACE: Well, I'll second
16 your motion. If that's your motion.

17 MR. SANDOVAL: The other issue is
18 that it may not be necessary to have the entire
19 RAB meeting, maybe it could be a Technical
20 meeting in which we may or may not need the EPA
21 and TNRCC here. We just have committee members
22 technically go over the documents, and read
23 those documents, and research that, and come up
24 with a list of questions with a signature --
25 title page, and then submit it to the RAB to

1 vote.

2 MR. RIOJAS: And there's nothing
3 to prevent you from meeting more often, you
4 know, between now and then. If you want to meet
5 next week or week after next or several times to
6 get through some of the technical information --
7 But this my recommendation, the next meeting to
8 be on the second of December.

9 MS. HUENI: It might be helpful
10 also to be aware of documents that we're
11 reviewing, so if you want to accommodate and
12 actually afford us -- we're currently reviewing
13 the (inaudible) that is -- would be. One thing
14 we're looking at right now, and will be probably
15 before this next month is a draft -- draft RI
16 for Zone 5, and that document is available
17 through the repository, if anyone is
18 interested.

19 MR. SANDOVAL: That's the draft
20 RI for which zone?

21 MS. HUENI: Zone 5.

22 MR. SANDOVAL: It would be
23 helpful, you know, to come up with a list of
24 prioritizing which documents are going to be out
25 for review so the Technical Committee can

1 actually identify which ones, and it can put
2 some energy on towards them.

3 MS. HUENI: I think that's an
4 excellent idea, and can we get an action on it.

5 MR. RIOJAS: Again?

6 MS. HUENI: He -- He's requesting
7 a list of documents that are currently going
8 through review so if the Technical Committee --
9 Subcommittee or member of the RAB want to do a
10 joint review they'll be aware of our time frames
11 too.

12 MR. RIOJAS: Yeah. We can do
13 that; we can set that up.

14 MR. SANDOVAL: Within that
15 (inaudible.)

16 MR. RIOJAS: We can probably set
17 it in the record. I've got several things
18 that -- actions I've already taken, I think, to
19 get the information out sooner. So there may be
20 two or three mailings coming out to you.

21 MR. SANDOVAL: Okay.

22 MR. ROBERSON: Is there a motion
23 to --

24 MR. MIXON: December 2nd.

25 MR. ROBERSON: I second that.

1 MR. RIOJAS: Was there a motion
2 on the floor?

3 MR. QUINTANILLA: Yeah. You made
4 it already.

5 MR. RIOJAS: No. I-- I
6 recommended December 2nd, and you said, no,
7 every six weeks.

8 MR. QUINTANILLA: That was a
9 compromise. You say every three months, I say
10 every six weeks.

11 MR. MIXON: I said the next
12 one --

13 MR. QUINTANILLA: It's too far
14 away. The City's supposed start construction in
15 the Quintana Road area --

16 MR. RIOJAS: All this information
17 I'll mail out to you.

18 MR. QUINTANILLA: -- on
19 McLoughlin, and all that sort of thing by
20 November. So I thought, maybe, we should have a
21 meeting on that.

22 MR. RIOJAS: There's a motion on
23 the floor.

24 MR. QUINTANILLA: Yes. I made a
25 motion that we have it every six weeks -- Well,

1 the next six weeks and you seconded that.

2 MS. KELLY: Mr. Quintanilla, you
3 may want to offer that as a substitute motion.

4 MR. QUINTANILLA: I beg your
5 pardon?

6 MS. KELLY: The appropriate
7 procedure would be for you to offer an alternate
8 date as a substitute motion that would be --

9 MR. QUINTANILLA: His wasn't
10 seconded, so --

11 MS. KELLY: Yes. I believe,
12 there was a second to the motion.

13 MR. QUINTANILLA: To Mr. Riojas'?
14 No. There was no second.

15 MS. KELLY: Mr. Roberson seconded
16 it.

17 MR. QUINTANILLA: Who seconded
18 it?

19 MR. RIOJAS: Paul.

20 MR. QUINTANILLA: Okay. Well,
21 I'll offer it as a substitute motion.

22 MR. RIOJAS: All in favor of the
23 next RAB meeting being on the second of December
24 raise your right hand.

25 (Members indicate.)

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MR. RIOJAS: Eleven. All
opposed.

(Members indicate.)

MR. RIOJAS: One, two, three,
four, five, six. Okay. Okay. The second of
December. I think, the Technical Committee can
get together -- Meeting is adjourned.

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STATE OF TEXAS *

COUNTY OF BEXAR *

I, DICIE LEE EYTCHESON, a
Certified Shorthand Reporter and Notary Public
in and for the State of Texas, do hereby certify
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