



KELLY AFB
TEXAS

ADMINISTRATIVE RECORD
COVER SHEET

AR File Number 151.10

RESTORATION ADVISORY BOARD

DECEMBER 2, 1997

ORIGINAL



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1 APPEARANCES:

2 MR. EDWARD RIOJAS
3 Kelly AFB co-chair;

4 MS. ANNALISA PEACE
5 Community co-chair;

6 MR. ALLAN HAGELTHORN
7 Community Member;

8 MR. GARY BEYER
9 TNRCC, Austin;

10 MR. ARMANDO C. QUINTANILLA
11 Keep South San Proud;

12 MR. GEORGE RICE
13 Groundwater Hydrologist;

14 PROF. GENE W. LENE
15 Academic Community;

16 MR. SAM SANCHEZ
17 San Antonio Metropolitan Health
18 District;

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

21 MR. DAVID JOHNSON
22 Committee for Environmental Justice
23 Action;

24 MR. DAMIAN SANDOVAL
25 Community Member;

MR. EDWARD WEINSTEIN
San Antonio Water System;

MR. PAUL ROBERSON
Greater Kelly Development Corporation;

MR. LARRY HOFFMAN
Regional Clean Air & Water
Association;

MS. CAMILLE HUENI
U.S. EPA, Region VI;

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MR. JOHN A. JACOBI
Texas Department of Health;

JULIE A. SEAL
Certified Shorthand Reporter
and Notary Public.

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1 On the 2nd day of December, A.D.,
2 1997, at Dwight Middle School,
3 2454 W. Southcross, San Antonio, Bexar County,
4 Texas, between the hours of 6:00 o'clock p.m.
5 and 9:45 o'clock p.m., the above entitled
6 meeting came on for discussion before said
7 ANNALISA PEACE, and the following proceedings
8 were had:

9 MS. PEACE: I'd like to welcome
10 you-all to the Restoration Advisory Board
11 meeting. I'd like to start by -- if we could go
12 around, starting with Allan, and introduce
13 yourself and your affiliation.

14 MR. HAGELTHORN:
15 Allan Hagelthorn, just a community member.

16 MR. WEINSTEIN: I'm Ed Weinstein;
17 San Antonio Water System.

18 MR. SANDOVAL: My name is
19 Damian Sandoval; community member.

20 MR. SANCHEZ: My name is
21 Sam Sanchez. I'm with the San Antonio
22 Metropolitan Health District.

23 MR. LENE: My name is Gene Lene.
24 I'm with St. Mary's University.

25 MR. RODRIGUEZ: My name is

1 Nick Rodriguez and with the Bexar Metropolitan
2 Water District.

3 MR. JACOBI: I'm John Jacobi with
4 the Texas Department of Health.

5 MS. HUENI: I'm Camille Hueni.
6 I'm with the Environmental Protection Agency.

7 MR. BEYER: Gary Beyer; TNRCC.

8 MS. PEACE: Annalisa Peace; a
9 community member.

10 MR. RIOJAS: I'm Ed Riojas with
11 the United States Air Force.

12 MR. ROBERSON: Paul Roberson with
13 the Greater Kelly Development Corporation.

14 MR. HOFFMAN: Larry Hoffman;
15 community member representing the Regional Clean
16 Air and Water Association.

17 MR. RICE: George Rice; community
18 member.

19 MR. QUINTANILLA: Armando
20 Quintanilla; community member -- and I live in
21 an area contaminated by Kelly Air Force Base.

22 MS. PEACE: Thank you.

23 I'll read the statement. The purpose of
24 the Restoration Advisory Board: Allows members
25 of the community and representatives of the

1 installation, the U.S. Environmental Protection
2 Agency, state regulatory agencies -- the
3 TNRCC -- and local governments to work together
4 toward a common goal.

5 The RAB has a twofold purpose. First, the
6 RAB is a forum for representatives of the
7 installation, regulatory agencies and community
8 to discuss and exchange information about
9 Department of Defense's environmental
10 restoration program. Second, the RAB gives
11 stakeholders the opportunity to participate in
12 the cleanup process and make their views known
13 to decision makers.

14 The RAB's focus should be Department of
15 Defense's environmental restoration program.
16 Stakeholders may raise other issues, such as
17 future land use, economic factors and jobs, but
18 there are other forums in which to discuss these
19 issues. It is the responsibility of all RAB
20 members to ensure that discussions stay on
21 track.

22 Remember, RABs are intended to promote
23 cooperation between the government and
24 communities by establishing equal member status
25 for all participants, sharing chairmanship of

1 the board between the installation and the
2 community and soliciting individual advice
3 rather than forced consensus. It is the
4 Department of Defense's hope that this kind of
5 partnership approach will result in
6 environmental restoration decisions that meet
7 the needs of the community and the
8 Department of Defense.

9 We have the member packets here and they
10 should have five items. If you-all are missing
11 one -- any of the items -- we do have it on
12 the agenda.

13 Okay. Do we have anybody from the
14 community that would like to make a statement at
15 this time? There's a podium right up there.

16 Okay. Then, we'll move on to Item III on
17 the agenda, the shallow groundwater
18 presentation, which -- Mr. Rice?

19 MR. RICE: I had a suggestion I'd
20 like to put before the RAB concerning the order
21 of the amendments. At our last meeting, it went
22 on so long that some of the small items that
23 were left towards the end weren't addressed. I
24 wonder if the RAB would like to maybe address
25 most of the small items in the first part of the

1 meeting tonight and some of these longer items
2 that are scheduled to go on for an hour or so
3 can be put off toward the end. That way I think
4 we can make sure that we address all of the
5 items without letting things slip through the
6 cracks.

7 MS. PEACE: Can you put that in
8 the form of a motion?

9 MR. RICE: Yeah. I'd like to
10 make a motion that we move all items that are
11 scheduled to take 15 minutes or less up to the
12 front of the meeting and the long ones toward
13 the end.

14 MS. PEACE: Is there a second?

15 MR. RODRIGUEZ: I'll second that.

16 MS. PEACE: Okay. All in favor?

17 (Vote by the RAB members.)

18 MS. PEACE: It looks like the
19 motion carries.

20 So, we will go ahead and put this shallow
21 groundwater presentation at the end -- and,
22 then, we'll go ahead and start where -- Item V
23 after the break. So, we have a storm water
24 project report --

25 MR. RICE: Were we going to

1 address the administrative topics in another
2 part of the agenda or are we just skipping --

3 MS. PEACE: I'm following the
4 agenda. I have -- What administrative topics --

5 MR. RICE: Under Item I, I have
6 "Welcome," then "Introductions" and, then,
7 Item B, "Administrative Topics" and there's
8 about eight -- I have a list of about eight
9 things under "Administrative Topics" on my
10 agenda.

11 MS. PEACE: Oh, okay. I'm
12 sorry. You're right. I did skip that.

13 So, what -- can we start, then, with Item A
14 under 2? And this is --

15 MR. RICE: Maybe this is supposed
16 to be just a --

17 MS. PEACE: I think that's a list
18 of what's in the packet.

19 MR. RIOJAS: This is a list of
20 things in the package, if anybody wanted to
21 discuss them, and nobody said anything and she
22 went on to the next thing.

23 MR. RICE: Oh, I'm sorry.

24 MR. RIOJAS: You probably missed
25 that.

1 MR. RICE: Yeah. I did miss
2 that.

3 MS. PEACE: Okay. Well, let me
4 go back, then. So, you did want to discuss
5 something that was on that list?

6 MR. RICE: Oh, yeah.

7 MS. PEACE: Okay.

8 MR. RICE: Well -- you know, at
9 our last meeting, we voted to ask -- write a
10 letter to General Childress asking all
11 environmental -- and I understand we sent our
12 request to General Childress and he answered our
13 request. I have some questions as to what his
14 answer actually means -- and it's addressed
15 to --

16 MR. RIOJAS: You need to address
17 them to me -- and we have some people here who
18 can also talk to various aspects of that. So --

19 MR. RICE: I have two questions
20 regarding this letter -- and I can understand --

21 MR. MCGHEE: The letter --
22 both -- from the RAB to General Childress was
23 signed by the two co-chairs here and the
24 response back from General Childress is in --
25 Section I of the RAB -- the RAB members. It is

1 probably -- You'll see one table that had a lot
2 of list information like this. Go past that
3 table. There's several pages like that. Get to
4 this -- this end table. It looks like this.
5 You'll see a letter that looks like this.

6 The first letter you'll see is the letter
7 from the RAB to General Childress. Behind that
8 is another letter. It's a reply from
9 General Childress, the Air Logistics Commander,
10 back to the RAB.

11 MS. PEACE: While you-all are
12 looking for those, too, and take a chance to
13 glance over them, Mr. Riojas is going to be
14 leaving us. He's found another job and he's
15 going to be leaving.

16 MR. RIOJAS: I'm retiring from
17 the Air Force.

18 MS. PEACE: So, he will no longer
19 be the co-chair and we have Brigadier General
20 Leroy Barnridge -- and he was unable to come
21 tonight. He had to attend a graduation ceremony
22 out of town and give a speech, but he sends his
23 regrets that he was unable to come to what would
24 be his first meeting and he will be here the
25 next time as co-chair. And thank you a lot,

1 Mr. Riojas, for undertaking this, I guess, from
2 the beginning, and we wish you success at your
3 job.

4 Okay. Has everybody found -- We're open
5 for questions now.

6 MR. RICE: I have two questions.
7 I can understand General Childress' reluctance
8 to put all the data in the library, because
9 there's a lot of it. That's -- That's maybe not
10 an unreasonable thing to do. But my first
11 question is: Will all groundwater data be
12 placed in the library?

13 MR. RIOJAS: All the groundwater
14 data?

15 MR. RICE: Yeah, all groundwater
16 data that Kelly has concerning Kelly and its
17 environment.

18 MR. RIOJAS: I don't know how to
19 answer that question. Are you talking about
20 groundwater contamination off base?

21 MR. RICE: On base, off base,
22 chemical analyses, well logs, hydraulic testing,
23 all groundwater data.

24 MR. RIOJAS: I'll have to refer
25 to my people in EM, because I really don't know.

1 MR. MCGHEE: Can you hear me
2 okay?

3 The groundwater data, in regards to the
4 cleanup program from this point in time, yes.
5 All that groundwater data will be placed in the
6 library and be available to anyone. Groundwater
7 data from the past that was not already placed
8 in the library, no, that will not. The reason
9 for that is: There's too much of it -- and if
10 it's pertinent, we can pull out sections. You
11 can see that. The letter says here you're
12 invited to come and look at that data. As far
13 as reproducing that data and putting it in
14 public repositories, no.

15 Now, this is some other groundwater data
16 that is not related to the cleanup program. For
17 example, Kelly Air Force Base acquired some
18 drinking water from the Edwards Aquifer. They
19 sample that water and test it before the City
20 does before they put it in the distribution
21 system. That data -- No, that data is not in
22 the cleanup program. It's not pertinent. It is
23 not in General Childress' reply to put that in
24 the library, but much of that data, I believe,
25 is probably collected by us as part of our

1 cleanup program to see if there are trends or
2 there are contaminants in the groundwater. So,
3 collectively, it's in there. But there are
4 separate records that are kept for their
5 purposes ensuring that there is safe drinking
6 water for base residents and that data, as it
7 stands alone, no, it's not.

8 MR. RICE: I think I follow
9 that. So, even though you may not put that data
10 in the library, we can come on base and examine
11 that information; is that correct?

12 MR. MCGHEE: Yes, that's correct.

13 MR. RICE: And is there any
14 environmental data that Kelly possesses about
15 Kelly that the public will not be permitted to
16 inspect?

17 MR. MCGHEE: I can think of none,
18 no.

19 MR. RICE: Okay. Thank you.

20 MS. PEACE: I had one more
21 question. We can just call and make an
22 appointment to come look at the data and say --
23 you don't have to write -- like, submit a
24 Freedom of Information Act request or anything
25 like that?

1 MR. MCGHEE: That's correct.

2 MS. PEACE: Okay. Thank you.

3 MR. RIOJAS: The Freedom of
4 Information has to do with the researching and
5 the publishing and stuff like that.

6 MS. PEACE: Okay. Are there any
7 more questions on that topic?

8 All right. Thank you. Now, we've got
9 these other lists of topics. Does anybody have
10 any comments or questions? It's public library
11 repository -- that's what we just covered --
12 memorandum identifying groundwater cleanup
13 standards; prioritized lists of documents in the
14 review process and a list of local industrial
15 businesses -- and, then, share data. I'm not
16 sure what that is.

17 MR. MCGHEE: I'm sorry. I didn't
18 identify myself. I'm Mike McGhee. I'm the
19 Deputy Director of Environmental Management at
20 Kelly Air Force Base.

21 MS. PEACE: Thank you. Since I
22 don't know if Mr. Fernandez is ready to give his
23 report, can we go right to the subcommittee
24 reports?

25 So, we'll have Mr. Sandoval giving the

1 technical subcommittee meeting. They've had
2 some meetings, I believe -- RAB meetings -- so
3 we'll look at those reports.

4 While they're setting up, if you-all don't
5 mind -- there is something that I would like to
6 see, actually. This business of scheduling the
7 meetings at the end of each meeting, I was going
8 to suggest -- and just throw this out to
9 you-all -- I guess I'll put it in the form of a
10 motion in a minute -- that we could go ahead and
11 try to schedule meetings for six months or maybe
12 a year ahead, tentatively. Now, this could be
13 flexible if that would be easier for everybody
14 to arrange their scheduling coming up.

15 Do you-all have a motion?

16 I'm sorry. I was thinking that it might be
17 better for the RAB if we could, instead of
18 scheduling the next meeting at the end of each
19 meeting -- and, also, for public attendance --
20 if we could take either six months or a year and
21 schedule tentative dates so that -- and that
22 would also really be better for the public,
23 because -- and I've worked with other groups
24 where they've done that.

25 Is that agreeable to make it a motion?

1 MR. ROBERSON: I make the motion
2 that we schedule six months --

3 MS. PEACE: Thank you.

4 MR. WEINSTEIN: I'll second it.

5 MS. PEACE: I was thinking if
6 you-all would -- like, a committee should be on
7 that -- since they're out of town -- if -- do
8 we have any volunteers for a committee -- it
9 doesn't have to be many people -- to make a
10 tentative schedule? Could you-all do that?

11 MR. RICE: -- administrative
12 committee that --

13 MS. PEACE: So, we'll have a
14 meeting of the administrative committee and do
15 that. At this time -- At the break, if you-all
16 could let somebody from the administrative
17 committee know about -- if there's any date --
18 regular day of the week -- and we'll bring that
19 report back to the next meeting.

20 MR. RIOJAS: One of the things we
21 discussed a little bit earlier -- whether or not
22 Tuesday was the best night of the week for the
23 RAB. I think we've traditionally done this on
24 Tuesdays and I just thought that maybe we ought
25 to take a look at it -- if there's a better day

1 of the week for members of the RAB.

2 Monday is a bad day. It is a bad day
3 because of our setup for this, but any other
4 Tuesday, Wednesday or Thursday would be good
5 days. So -- it's for you-all's consideration.

6 MR. SANCHEZ: I concur, with one
7 exception. I think if you do -- Can you-all
8 hear me?

9 If you-all -- at some future meetings --
10 would like City Council participation, I think
11 Thursday would have to be --

12 MR. RIOJAS: That's a good point.

13 MR. SANCHEZ: So, any other day
14 would probably be fine.

15 MS. PEACE: Would there be any
16 objection to Wednesday?

17 MR. MCGHEE: Can I interrupt for
18 just one second? The folks across the floor at
19 the meeting -- and they are particularly
20 concerned about being able to hear you talk.
21 Also, the young woman up front there -- she's
22 recording the meeting and she's shaking her head
23 in frustration. I think she cannot hear you
24 and -- I see that going on.

25 I know it's awkward. These microphones

1 cannot be turned up any higher; otherwise,
2 they'll start feeding back. So, you've got to
3 put your face forward into the microphone like
4 I'm doing. I'm getting in your face. It's very
5 uncomfortable perhaps and very unusual, but
6 that's the only way you can be heard.

7 Thanks very much.

8 MS. PEACE: Thanks, Mike. So,
9 Wednesday would be okay? The administrative
10 committee -- we're going to be scheduling a
11 report -- and we'll give you-all a list of dates
12 and the comments and discuss it at the next
13 meeting and put it on the agenda.

14 Damian?

15 MR. SANDOVAL: Thank you. Can
16 everybody hear me? Is that loud enough, Mike?

17 Hi. My name is Damian Sandoval. Again,
18 I'm a member of the community. What I want to
19 talk about tonight a little bit is the evolution
20 of the technical review subcommittee for Kelly
21 Air Force Base and the Restoration Advisory
22 Board.

23 Just briefly -- I have, like, a
24 15 to 20 minute spiel on what we are doing -- on
25 what we're doing. The general agenda --

1 Basically, I'll give you some background
2 information, go into the purpose of the TRS, as
3 we call ourselves -- technical review
4 subcommittee. We'll talk a little bit about the
5 membership and participation of the folks on the
6 committee, talk about what operating rules we
7 fall under, the meeting dates, some of the
8 accomplishments to date we've had in the last
9 three or four meetings that we've had, talk
10 about some current topics -- and, then, finally,
11 talk about some future topics.

12 First of all, some background information.
13 The TRS was created at the September 9th RAB
14 meeting. We had a couple of issues on moving
15 forward and if we were actually moving forward
16 with technical issues, so we decided to form a
17 technical review subcommittee which consists of
18 both community members, individuals from the
19 regulatory agencies -- EPA and TNRCC -- then,
20 we decided once we got into the program that we
21 probably needed a member of DoD, so we invited a
22 member of the environmental management team at
23 Kelly.

24 At the very first meeting we held, we sat
25 down and kind of handed out a sheet to everybody

1 and said, "What's our purpose? What is the
2 purpose of the TRS?" These are some of the
3 major points that we came out with after the
4 meeting: Review technical issues and reports;
5 submit formal comments to the RAB; select and
6 discuss community issues, monitor the BRAC
7 cleanup process at Kelly, which includes
8 property transfer; foster a teamwork approach to
9 solve some of the issues and problems that we
10 were having; and to identify future technical
11 topics for the RAB to be presented to the
12 co-chairs.

13 Again, we talked about the TRS team.
14 Again, we're trying to foster a team partner
15 relationship. Six members of the community --
16 if you would -- as I name your name, if you
17 could just raise your hand so everybody can
18 identify who you are -- Mr. Larry Hoffman,
19 Mr. Allan Hagelthorn, Dr. Gene Lene,
20 Mr. Paul Person -- I think he's in Omaha
21 tonight, but he was there at the meeting last
22 night -- Mr. George Rice, Ms. Camille Hueni,
23 Mr. Gary Beyer and Captain Tom deVenoge.
24 Thank you. As you see, our list consists of six
25 community members, one -- one member from the

1 TNRCC, one member from EPA and one member from
2 Kelly Air Force Base.

3 Again, because we are part -- a subpart of
4 the Restoration Advisory Board at Kelly -- we
5 figured that we would -- our mandate would be to
6 operate under the same rules and guidance that
7 the Restoration Advisory Board does. In
8 addition to that, we added a few that we thought
9 were flexible enough for us to be able to work
10 under the conditions that we needed. Thus, we
11 created the following -- the following
12 procedures: We implemented the parliamentary
13 rules. We use a rotating secretary, which means
14 we -- one of the seven -- eight members of the
15 team -- actually takes meeting minutes on a
16 rotation basis. The TRS meetings are not
17 conducted on the same day as the RAB. We figure
18 that our meetings are about three to four hours
19 long. It's too difficult to try to have them
20 during the day prior to the RAB or after the
21 RAB, so we have them at least one or two days
22 before the RAB. We encourage all RAB members to
23 attend and participate in our meetings. The TRS
24 meetings are open to the public. We'll talk
25 about where we have the meetings in a few

1 minutes. We develop the agendas by the
2 technical review subcommittee, focus on what we
3 want to talk about, what we think our issues are
4 and -- again, we prepare the agenda -- and the
5 minutes are distributed by Kelly Air Force Base,
6 Mr. Ron Scharven.

7 As we spoke about, the first meeting we
8 had -- the inceptional meeting was October
9 7th -- and where -- we had the first meeting
10 at the San Antonio Airport. We had a couple
11 hour long meeting. The second meeting was
12 conducted in November at St. Mary's, where --
13 gracious enough -- and Dr. Lene was gracious
14 enough to let us use his facility, which is an
15 outstanding meeting facility -- and the last
16 meeting we had was just last night and that
17 lasted until about 9:30.

18 Some of the accomplishments to date: The
19 very first meeting, again, was kind of an
20 inceptional meeting to try to understand what
21 our roles and responsibilities were and what
22 kind of effort we needed to put into it so we
23 could come up with a good quality program. That
24 first meeting, we created the TRS. We discussed
25 the roles and responsibilities of what the TRS

1 did. We elected a chairperson. We established
2 a guidance for operating rules. We identified
3 topics and issues for review and we selected
4 future meeting dates and meeting locations for
5 the next two TRS meetings.

6 The next meeting we had was on
7 November 12th. That's where we had a -- two
8 great presentations. One from the TNRCC and one
9 from EPA. The EPA provided some training on
10 providing risk assessment, how we're going to
11 look at risk assessment, how we look at -- when
12 exposed to -- exposure pathways -- all the
13 information that we need and all the tools in
14 our toolbox that we needed to look at the
15 documents that were forthcoming.

16 The TNRCC presented a comprehensive
17 presentation on Risk Reduction Standards
18 1, 2 and 3 -- and we also distributed -- by
19 Kelly Air Force Base -- two major documents for
20 the TRS committee to actually take home and
21 review. The first document was the IRP Zone 5
22 remedial investigation and the second one was
23 Building 1592 area -- the human health risk
24 assessment of surface soil.

25 MR. ROBERSON: Damian, what is

1 1592?

2 MR. SANDOVAL: Mike, do you want
3 to help be more specific about 1592?

4 MR. MCGHEE: 1592 refers -- it's
5 the name of a facility that is a fuel storage
6 facility. It includes -- and also a couple of
7 associated buildings that -- referred to as the
8 Building 1592 area. The site designation?

9 Okay. It is adjacent to IRP -- Restoration
10 Program Site S-1.

11 MR. SANDOVAL: The meeting we had
12 last night at St. Mary's -- again, we actually
13 reviewed the two documents. We took the tools
14 that were presented to us by TNRCC and the
15 EPA -- took those tools and evaluated both
16 documents. So, we reviewed and discussed the
17 Zone 5 remedial investigation, we formulated
18 some official comments on the documents, we
19 distributed -- from the last meeting's action
20 item -- U.S. EPA's media specific screening
21 level documents, we identified the TRS meeting
22 agenda for the next meeting -- which we
23 identified as June 27th -- and we're focused on
24 Building 1592 -- and the last issue -- we
25 formalized the meeting minutes and reviewed the

1 approval process.

2 Some of the current TRS topics and issues:
3 The formal submittal of comments at the next
4 RAB. What we've done is we've taken all the
5 information yesterday and we're trying to come
6 up with some technical questions that would be
7 supported from the TRS directly to the RAB for
8 submittal to the Air Force and a "cc" to both
9 regulatory agencies -- EPA and the TNRCC. We
10 identified some additional topics. Building
11 1592, there was a health assessment conducted at
12 that location. There was also an air
13 sampling -- a work plan -- an air sampling
14 result -- a report associated with that
15 building, which we'll discuss at the next TRS
16 meeting.

17 Just a quick summary -- and we developed
18 these slides in the last couple days where we --
19 we actually handed these slides out last
20 night -- make sure everybody had some input on
21 the development of these slides -- and it's just
22 kind of a general summary -- maybe, kind of, a
23 mission statement for the TRS. The TRS is a
24 responsive team-oriented technical group
25 directed to assist the Kelly Air Force

1 Restoration Advisory Board by providing
2 technical support on the decisions regarding the
3 BRAC cleanup and transfer process at Kelly.

4 Now, if anybody has any questions for the
5 TRS committee, please -- please go ahead and
6 ask.

7 MS. PEACE: I did -- and this was
8 from reading the minutes of your last meeting --
9 not the one yesterday, but the one before that
10 when you-all were talking about risk
11 assessment. I know that they're still doing
12 research on cumulative effects and all that.
13 Did you-all come -- It wasn't clear to me. Did
14 you-all come to any conclusions regarding
15 that -- that -- whether or not you think these
16 risk assessments are satisfactory and that they
17 don't take into account -- George?

18 MR. RICE: I asked
19 Maria Martinez -- I think her name was -- who
20 gave the presentation from the EPA -- the
21 question of do risk assessments -- can you take
22 into account synergistic effects. One plus one
23 may not equal two. It might equal ten. And she
24 said they don't, because that's still a current
25 area of research. So, not only can the things

1 we enforce -- they can also cancel each other
2 out. But she said, right now, EPA's method of
3 risk assessment does not account for those kind
4 of processes.

5 MS. HUENI: I would like to
6 clarify, though, the EPA risk assessment process
7 does allow for additive effects. This point
8 does not allow for a synergistic -- which is
9 different. So, we do evaluate additive -- the
10 constituents that impact on human health, as
11 well as environmental assessments.

12 MS. PEACE: Well, I'll tell you
13 this -- because I've been concerned about
14 this -- when we had risk assessment training
15 here at the base, I had asked about that and the
16 man from -- told me there was, I think, one case
17 where they knew of that happening and that that
18 wasn't cause for concern and I believe --
19 especially since there's not much data in on
20 that -- I was really concerned that we have,
21 like, one group of scientists that are saying,
22 "We're really not concerned about that."

23 MS. HUENI: This is for the
24 synergistic impact? I'm really outside my area
25 here, but I understand DoD is evaluating that

1 area at this time. It really is -- is -- you
2 know, very much its -- the planning stages right
3 now. We don't really have anything we can
4 really use on risk assessment as a result of the
5 work at this time.

6 MS. PEACE: I understand that.
7 But, then -- because of that, I -- I guess I'm
8 just trying to make a point that I think that we
9 really have to take that into account when we're
10 looking at the validity of these risk
11 assessments -- and if we were looking at the
12 work of SDR, which -- I believe that came
13 from -- Wasn't it ATSDR that gave us risk
14 assessment training?

15 MR. RICE: I don't know. I don't
16 recall.

17 MR. RIOJAS: He says yes.
18 Affirmative.

19 MS. PEACE: That really concerns
20 me, because when they give a report -- I mean,
21 they said, "No, that's just not something we
22 consider at all. It just doesn't happen."
23 And -- So -- I mean, that -- what I'm saying,
24 I guess -- like I said, I think that we should
25 keep that in mind when we consider the validity

1 of these risk assessments.

2 MR. JACOBI: It's my
3 understanding that most of the risk assessments
4 were performed or based on epidemiological
5 studies that typically have a relatively
6 substantial safety factor and they're -- it
7 seems to me that synergistic effects -- unless
8 they're overwhelming -- would be included in the
9 safety factors when they perform these risk
10 assessments.

11 MS. PEACE: Frankly, I think this
12 whole area is so new that -- I -- I don't
13 know.

14 MR. SANDOVAL: Annalisa, let me
15 add to that. I think in the presentation that
16 we had on risk assessment, it was pretty obvious
17 that there were certain things that had to
18 happen for there to be a particular risk.
19 Things such as community exposure routes, you
20 need a receptor, you needed a contaminant to be
21 at a certain level -- and all those go into play
22 with what type of receptor routes and exposure
23 pathways are available. So, even though we may
24 have a concentration, we may not have what they
25 call a complete pathway, which may not be a risk

1 that's calculated at the end of the equation.

2 Now, let me also say that the risk
3 assessment -- and I'm not a risk assessor -- but
4 the risk assessment provides some quantitative
5 data at the end. Once we get that data, there's
6 also a risk management decision that has to be
7 made based upon that information. So, that's
8 not just a caveat -- the end-all -- you know,
9 come up with a number of an HQ or a carcinogen
10 number and determine the whole factors on that
11 particular number.

12 We asked some real hard questions
13 yesterday. I think one of the -- to be real
14 specific, one of the questions we asked about
15 was PCE and DCE during natural attenuation --
16 vinyl chloride. I think you'll see those kinds
17 of questions in our memo that goes directly to
18 the RAB. Those are real specific technical
19 questions that you'll see written in the formal
20 process.

21 MS. PEACE: Okay. Now, another
22 thing that really concerned me in the report
23 from the first meeting that you-all had was that
24 it seemed like when they categorized those risk
25 areas -- you know, 1, 2, 3, 4 -- and, then, you

1 said if additional -- like a different land use
2 is to take place or that it's not being
3 categorized -- I mean, those seem to be like
4 bureaucratic things. So, I really have a
5 problem with that and I was wondering who would
6 be addressing this -- like, is it the state that
7 we address it to -- or the city or -- because
8 that just seems, like, really absurd to me.

9 MR. ROBERSON: I'm not sure I
10 understand exactly what you're saying.

11 MS. PEACE: Did everybody get the
12 minutes? Oh, I'm sorry. Do you have those with
13 you?

14 MR. SANDOVAL: No, I do not.

15 MS. PEACE: Could you explain --
16 I'm sorry. I thought everybody had gotten them.

17 MR. SANDOVAL: One of the
18 questions that came up about any risk
19 assessment -- any kind of -- Gary, help me, if
20 you would -- any type -- any type of evaluation
21 against a current regulation when you have
22 suspect changes that are going to happen in the
23 future via -- whether it's going to be a
24 property use transfer -- go from an industrial
25 site to a future commercial site, that's an

1 unknown.

2 Another unknown is -- and we talked about
3 TC degrading down to vinyl chloride. Well, we
4 don't know the exact number. So, that's another
5 unknown. And the question that came up last
6 night was that, "How do we" -- "If we calculate
7 risk assessment used in the current regulation
8 using the current future standard for a process
9 for use of the land, that's what we're going to
10 have to go with." Now, that's what we call the
11 grandfathered-in process.

12 MS. PEACE: I think I can say
13 that a little more clearly. What I understand
14 is that -- Okay. The risk assessment category
15 is based on the current land use. Now, if that
16 land use changes or somebody was to purchase it
17 and, say, do some construction that would,
18 you know, have a pathway for those contaminants
19 to reach people or something -- that it would
20 not be re-categorized; is that correct?

21 MR. BEYER: The decisions that
22 we're making now are decisions that will --
23 supposedly, will be the final decisions, as far
24 as the categorization of property -- and the way
25 the State of Texas has it right now -- it is

1 industrial/commercial or residential -- and what
2 we've tried to do to maintain a continuity in
3 industrial use at Kelly Air Force Base is to
4 impose some form an institutional control, i.e.,
5 zoning. If the area is zoned industrial, then
6 it should remain industrial -- and that is an
7 issue that GKDC is dealing with -- and in order
8 to do that -- correct me -- -- but the City
9 annexed, I guess, Kelly Air Force Base
10 property -- because, at one time, the City --

11 MS. PEACE: Right.

12 MR. BEYER: So, then, the City
13 could also, you know, impose zoning
14 restrictions.

15 MS. PEACE: Am I to understand --
16 like I say, it could be that the industrial base
17 would expand so areas that are currently
18 residential, you know, would be -- could be
19 rezoned industrial or they could be -- you can
20 also ask for a change in zoning on an individual
21 basis -- and if that's the case, there still is
22 no way to amend these categories.

23 MR. BEYER: Yeah. I guess -- if
24 you go from residential to industrial, that's
25 going from a more conservative -- more

1 restricted land use to a less restricted --

2 MS. PEACE: The City does it all
3 the time.

4 MR. BEYER: If you go from an
5 industrial to a residential, that's when you get
6 into trouble. So -- but -- you know, we're
7 going with the -- our -- institutional controls.

8 MS. PEACE: See, the thing is,
9 though, if you have residential -- I mean,
10 you're saying, like, there's relatively little
11 chance for, say, things to get disrupted enough
12 for there to be, you know, pathways for, say,
13 the shallow aquifer water. If it's industrial,
14 there's no guarantee of that.

15 MR. ROBERSON: It seems to me,
16 Annalisa, that you've got two different issues
17 going here. One is the standards for
18 industrial/commercial versus residential and the
19 second is what if -- if it's industrial and
20 you're building something and you create a
21 pathway -- those are two different issues, I
22 think. Is that -- Am I --

23 MS. PEACE: But, see, they're
24 treating the cleanup -- this is what I
25 understand -- that the cleanup is based on these

1 risk categories of how much you clean it up.
2 So, they're saying, "Well, if there's" -- "if
3 there's not very much chance that it's ever
4 going to be distributed, then we don't have to
5 clean it up that much. It might be okay just to
6 leave it there." But what I'm saying is, if it
7 does get distributed and it's been left there --

8 MS. HUENI: Probably all the same
9 pathways -- you know, for both residential, as
10 well as industrial reuse in this area. We'd
11 like to make a comment that since the master
12 plan is in place now from Kelly that it just
13 makes a lot of sense for us to use the
14 industrial component in a risk assessment to do
15 our final cleanup, with the understanding that
16 the property will be used for industrial or
17 commercial purposes rather than residential.

18 MS. PEACE: Okay. So -- Well, I
19 guess what concerned me is the fact that if it
20 looked like there was a possibility on there
21 under those categories that it could be decided
22 that this could -- could be just left in
23 place -- you know, the contamination. Is that
24 going to happen?

25 MS. HUENI: They're either close

1 to Standard 1, 2 or 3 under the Texas Risk
2 Reduction Standard, which allows for either an
3 industrial scenario or residential. But, in
4 this case, since we do have the master plan in
5 place, we would use the industrial component for
6 most of the base.

7 MS. PEACE: Okay.

8 MR. SANDOVAL: The only caveat
9 there I think we talked about last night -- if
10 we classify an area as industrial and it has a
11 future potential to go into commercial, will
12 there be a deed restriction that will prohibit
13 that tied in with the -- for the site closure?

14 MS. HUENI: I think one of the
15 things that was discussed last night is if
16 you're going into commercial reuse -- that would
17 be based on exposure lengths -- and you have
18 less exposure with that type of scenario than
19 you would with an industrial closure scenario.
20 So, those values would be considered under the
21 industrial risk reduction concentration.

22 MS. PEACE: Okay. So, if you-all
23 feel comfortable saying that -- even though
24 there is no way for us to amend the categories
25 later -- you know, if -- with -- to conform

1 with the plan use -- you feel comfortable that
2 that's okay?

3 MS. HUENI: Uh-huh.

4 MS. PEACE: You both do?

5 MR. BEYER: Yeah.

6 MS. PEACE: Okay.

7 MR. BEYER: As long as the
8 restrictions are in place. Now, if some future
9 date -- say, the City or the agency wanted to
10 change something from industrial to
11 residential -- you know, I -- I guess they can
12 go through and do an environmental assessment of
13 the property again -- perhaps, the same
14 situation -- cleanup at a site to where there
15 are no -- you know, the risks have dropped down
16 to acceptable residential levels -- I guess at
17 some time in the year 3000 --

18 MS. PEACE: And the TNRCC
19 approved it.

20 MR. BEYER: -- or 4000 --
21 whenever -- you know, off into the future --
22 whenever -- situations could be addressed. But
23 in the -- at least over the foreseeable future,
24 we're looking at an industrial scenario for the
25 base.

1 MS. PEACE: And you feel the
2 categories are appropriate?

3 MR. SANDOVAL: Well, you brought
4 up last night -- and why don't we bring this out
5 on the table -- about the new rules coming in
6 and how they will or won't affect the current
7 health assessment.

8 MR. JACOBI: I would like to make
9 a comment at this point. You said "new rules
10 coming in," we're operating under the rules of
11 Federal and State statutes and regulations as
12 they exist today. If the Congress and the State
13 legislature chooses to change those rules, then,
14 we may be operating under a different set of
15 rules in the future. So -- you know, even
16 though it's, quote, "locked in stone right now,"
17 that doesn't mean it's necessarily going to stay
18 that way for wherever.

19 MR. BEYER: Also, today -- the
20 new rules that are coming in -- all the sites
21 that are currently under investigation and
22 have -- and have remedial alternatives proposed
23 at this time will be grandfathered in under the
24 current risk rules. Any kind of remedial
25 alternatives that are proposed for a site after

1 the new rules come into effect could be subject
2 to the new rules, but the way the -- to further
3 complicate matters, though, the way the permit
4 is written -- which will be an issue -- the
5 permit and compliance plan has stipulated the
6 current risk reduction -- and that would have to
7 change to reflect the new rules if and when they
8 do become law.

9 MS. PEACE: So, the permit is
10 valid -- or will it have --

11 MR. BEYER: The permit, in
12 compliance plan -- the way it's written now --
13 uses the current risk reduction.

14 MS. PEACE: Okay. Thanks.

15 MR. JOHNSON: If I could ask --
16 what I would like to know -- in relation to what
17 Annalisa just posed -- she had posed -- is there
18 anything in the permit itself, as far as ground
19 being site specific -- because we're talking
20 about industrial and commercial -- and, in
21 particular, those areas where the neighbors --
22 where the industrial areas may encroach within
23 500 feet of a residential district or a
24 residential -- established residential area --
25 is there anything or any provisions that would

1 have restrictions, as far as the actual cleanup,
2 depending on what the MCLs are at any given
3 time -- and I think that's -- I think that's
4 what she was trying to relate.

5 If you have a neighborhood right next to
6 where an industrial, quote, commercial property
7 wants to be built -- as the trenching and all
8 that happens -- will it affect the residents
9 close to that area and does the permit have any
10 restrictions, site specific, to those of higher
11 concentrations that will not allow that to
12 happen until those MCLs are at established
13 levels?

14 MS. PEACE: Thank you, David.

15 MR. JOHNSON: Is that what I was
16 understanding?

17 MS. PEACE: Yeah. Thank you.

18 MR. BEYER: The permit is written
19 for Kelly Air Force Base property -- the
20 facility to the fence line -- and the way the --
21 that it is written now and the way it stands --
22 is institutional controls for industrial will be
23 only for the Kelly property itself. And as far
24 as any off-site contamination migration, that
25 will all have to be to residential standards.

1 MR. JOHNSON: So, you're saying
2 before they can actually go in and dig out,
3 there would have to be residential standards, if
4 there is a neighborhood --

5 MR. BEYER: You're talking about
6 off of Kelly?

7 MR. JOHNSON: Right off base,
8 right.

9 MR. BEYER: Right.

10 MR. JOHNSON: Okay.

11 MR. ROBERSON: I'm not sure you
12 two are saying the same thing. But, Gary, why
13 don't you repeat what you said.

14 MR. BEYER: Well -- I mean -- you
15 know, that -- Kelly property is zoned industrial
16 and, then, they'll build -- there will be
17 industrial exposure factors that will be for
18 Kelly Air Force Base. Anything off the base
19 property itself will have to be cleaned up to a
20 residential standard.

21 MR. JOHNSON: So, there is no
22 consideration for the neighborhoods who are at
23 the fence line, given any industrial
24 construction being done?

25 MR. BEYER: On base?

1 of the cleanup levels.

2 MR. BEYER: There's like
3 migration dust --

4 MR. JOHNSON: That's why I said
5 site specific.

6 MR. BEYER: -- off -- off base,
7 right -- that will definitely be considered.

8 MR. ROBERSON: David, in addition
9 to that -- if you take a look at the master
10 plan -- and I don't recall the details of the
11 amount -- but our long-term plan is to create
12 buffer zones around the perimeter of the base in
13 those areas where there is an interface with the
14 residential community so that -- so that we --
15 that will help alleviate the problem somewhat.
16 So, our plan would never be to build a large
17 industrial facility right at the fence line. We
18 want a buffer zone -- and it's several hundred
19 feet into the industrial complex before you
20 build something there.

21 MR. JACOBI: At the risk of
22 speculating, each construction project will be
23 evaluated on its own merit -- and, then,
24 whatever contamination happens to be distributed
25 associated with a particular construction

1 project will have to be handled in conjunction
2 with that project. In other words, just because
3 there's dirty dirt on base right now, doesn't --
4 and it's not being distributed -- doesn't
5 necessarily mean it's a threat to the adjoining
6 community. On the other hand, if they start to
7 build something there, they have to look at it
8 and control that situation as part of the
9 construction process -- and that's inherent in
10 any construction on a military base in the
11 current set of rules and regulations.

12 MS. PEACE: Armando?

13 MR. QUINTANILLA: We have a
14 situation coming up. The City is about to let
15 out some bids to redo the drainage project for
16 Quintana Road. That is contaminated right down
17 the line where the -- where they plan to dig up
18 all of this contaminated dirt. You've got to go
19 30 or 40 feet down. They're going to encounter
20 dirty dirt. Now, how do you handle that? Who
21 evaluated that and does the permit provide for
22 that? The permit only provides for it on base.
23 Now, this is dirty dirt off base.

24 MR. BEYER: For the Quintana Road
25 project, the Air Force has an agreement with the

1 City that the Air Force will handle any of the
2 contaminated soil that is encountered.

3 MR. QUINTANILLA: Well, how about
4 the dust that is going to come out of there when
5 they start working with that soil?

6 MR. BEYER: That will have to be
7 controlled.

8 MR. QUINTANILLA: Who will
9 control it? Who will handle that? Is it the
10 EPA, TNRCC, the City -- or who?

11 MR. BEYER: They have certain
12 standards that they have to meet. If they
13 violate those standards, then they come under
14 enforcement by the TNRCC.

15 MR. QUINTANILLA: Who sets those
16 standards? These are the standards that you
17 have to meet. Does it -- Is it EPA? Is it
18 TNRCC? Is it Kelly Air Force Base?

19 MR. BEYER: TNRCC has air
20 control.

21 MR. QUINTANILLA: And how is
22 this -- you know, right now, they're going into
23 bid. They plan to bring this before the City
24 Council in February and the bids are going to go
25 out in March. That's the current thing. What

1 is the coordination between EPA and the City and
2 TNRCC and the City?

3 MS. HUENI: In regard to your
4 question, we all have an interest in, actually,
5 reviewing the work plan for that project as it
6 goes into the design phase, which -- the work
7 plan itself will include a portion which does
8 address health issues.

9 MR. QUINTANILLA: The design plan
10 is complete.

11 MR. RIOJAS: Armando, maybe these
12 questions are pertinent to ask Mr. Fernandez
13 when he's here.

14 MR. QUINTANILLA: I'll be happy
15 to, but I still want them to participate in
16 this.

17 MR. RIOJAS: But he'll be here
18 shortly I understand. He's the consulting
19 engineer. So, maybe he can answer some of your
20 questions.

21 MR. QUINTANILLA: Because people
22 will be affected -- and there's different risk
23 assessments there for the people than from the
24 base. The General talks about a buffer zone.
25 You know, how far will this buffer zone be when

1 it's all contaminated all the way from Kelly on
2 out.

3 MS. HUENI: I think you raise a
4 very good question -- and I think you raised it
5 at the last meeting, too -- and I think it is
6 one thing that all of us are interested in
7 looking at, as well as Kelly Air Force Base --
8 make sure that it is incorporated in the health
9 and safety plan, but that's actually -- actually
10 pretty standard procedure.

11 MR. ROBERSON: If I could speak
12 for my good friend, Armando, I think what he may
13 be asking is -- and I understand there will be a
14 health and safety plan and there is some
15 interest in a number of agencies -- but who is
16 going to be checking that? Is there a -- Is
17 that the contractor's responsibility? Is that
18 the City's responsibility? Is there a quality
19 control function of somebody that is going to be
20 checking that on regular basis so that they can
21 pull in the proper regulatory -- maybe you're
22 not the right people to answer that. Maybe
23 Mr. Fernandez --

24 MR. QUINTANILLA: Those are my
25 questions. Thank you very much.

1 MR. SANDOVAL: One of the
2 things -- One of the things to add, too, is that
3 when we look at the health and safety work plan,
4 we're probably looking for an air monitoring
5 program -- perimeter monitoring -- which takes
6 the realtime results -- and there's also
7 long-term results -- and you're right -- the
8 responsibility, I think, falls upon the
9 contractor under his health and safety plan
10 directed by his health and safety officer.

11 MS. PEACE: Well, I just -- one
12 thing that -- I guess -- land use and zoning and
13 changes in zoning are largely a local matter --
14 and aside from certain things that the State
15 requires, there's really not much oversight.
16 So, what I'm getting at is -- it will be -- it
17 will take a long time for some of these areas to
18 be cleaned up. Now, in the meantime, how much
19 oversight will TNRCC -- is there going to be any
20 special oversight that you-all will have over
21 this area or will it be the standard things,
22 like Armando said, the air quality monitoring --

23 MR. BEYER: Under the permit --
24 the compliance plan -- will be requirements
25 for, you know, continually meeting those

1 standards.

2 MS. PEACE: But what I'm saying
3 is, if there's a different land use and they
4 have to go for approval, will TNRCC -- I,
5 frankly, don't trust the City to be looking at
6 that -- you know, if there's something that
7 could disrupt them and establish pathways
8 from -- and contaminate the aquifer -- and the
9 City might not, you know, have it on the top of
10 their minds to -- an oversight agency -- you
11 know, land use could be approved that would not
12 be appropriate and nobody would be looking out
13 for it.

14 MR. RICE: I think the City of
15 San Antonio does not have a good record in this
16 area, as you probably know.

17 MR. QUINTANILLA: Alamodome's
18 dirty dirt is one example.

19 MS. PEACE: Exactly. I don't
20 have a lot of confidence in the City being the
21 oversight -- you know, for -- for approving, you
22 know, zoning changes -- for approving projects
23 that could -- I -- I would really like to see,
24 you know, some other requirement established or
25 something.

1 MS. HUENI: I think -- again, the
2 reuse of the property is actually set by the
3 master plan -- which is in place and has been
4 approved -- and --

5 MS. PEACE: That's what I'm
6 saying. I'm talking about off base.

7 MS. HUENI: Oh, off base?

8 MS. PEACE: Yeah.

9 MR. QUINTANILLA: See, there's
10 going to be a lot of dirty dirt that's going to
11 be left in there undistributed, but there's also
12 going to be a lot that's going to be taken out.
13 What about that undistributed dirty dirt? What
14 does your TNRCC permit say to that?

15 MR. BEYER: That will be taken
16 care of along with the groundwater remediation
17 that will be done.

18 MS. PEACE: I'm just wondering,
19 is there any way that we could require something
20 special -- that the State could require
21 something special for permitting -- you know,
22 development in this area until the cleanup is
23 complete?

24 MR. BEYER: All we have is the
25 post-closure care permit and the compliance plan

1 for Kelly property.

2 MR. QUINTANILLA: On site?

3 MS. PEACE: Right.

4 MR. QUINTANILLA: On site? And
5 you're starting on you-all's side in February.

6 MS. PEACE: Mr. Sanchez?

7 MR. SANCHEZ: I think that we
8 have to be real careful here in that the -- that
9 the City, you know, has a project there
10 that's -- they're going to complete in there,
11 but that the oversight for that project is the
12 same oversight that's on any project in
13 San Antonio by TNRCC or by other regulations.
14 But any time that we ask for any higher
15 standards -- or whatever -- that is -- that is
16 included from that same project and those
17 costs.

18 Now, we just finished having a big
19 discussion about risk management. I think we
20 have to look at that kind of information --
21 risk management -- because that's about the
22 only thing we do have -- you know, whether
23 there's any exposure, if there's any
24 contaminated land and soil there and if there's
25 any possibility of any effects on people.

1 That's going to be determined by the regulators
2 when they do that project, just like any other
3 project.

4 MR. QUINTANILLA: And that's what
5 I'm asking the regulators.

6 MR. SANCHEZ: And I think that --
7 you know, if we can't get a clear answer
8 tonight, then maybe that's something -- a point
9 that somebody should research at the TNRCC level
10 and bring back to this committee and report on
11 that. Because I think it's only fair that --
12 because we don't say that the City is going to,
13 you know, do something over here and then they
14 do it and, then -- "Well, that's not what we're
15 talking about. There's not a need for you to go
16 to this other level." And I think that -- that
17 kind of a scenario was played out very well --
18 the Alamodome issue -- and we don't want that
19 to happen here.

20 MS. PEACE: Well, I think for the
21 next meeting -- if -- I would like to get
22 somebody from the City here, too.

23 MR. QUINTANILLA: My real
24 interest in this is -- is this, Annalisa: When
25 they started on this project -- the City

1 started -- We have no drainage in this
2 particular area of town. We started to put in
3 some drainage on Quintana Road. The workers
4 were overcome by the fumes of the jet fuels. It
5 stopped the drainage project. We've still been
6 inconvenienced by this contamination from Kelly
7 Air Force Base by contaminating the flood
8 drainage program. All we did, then, at that
9 time was cover it back up and come up with this
10 plan nine years later. The Air Force has now
11 completely funded this -- this drainage
12 project -- up to \$9 million, from what I
13 understand. It's no longer an Air Force
14 problem. It's a city problem. Am I correct,
15 Mr. Riojas?

16 MR. RIOJAS: You're talking about
17 the construction of the drainage project?

18 MR. QUINTANILLA: Yes.

19 MR. RIOJAS: Yes, that's a city
20 project.

21 MR. QUINTANILLA: That is -- The
22 City's got to do it all. I think this board
23 ought to go before the City and get the City
24 to --

25 MR. RIOJAS: Well, we have to be

1 careful and not go beyond the scope of this
2 board. The reason for the RAB is to talk about
3 the restoration in an advisory capacity -- just
4 a moment, Armando. Let me finish. The purpose
5 of this is not to follow every trail to wherever
6 it goes forever.

7 MR. QUINTANILLA: How are we
8 going to clean up Quintana Road?

9 MR. RIOJAS: I understand that --
10 I understand your point. But we have to be
11 careful that we don't go beyond the scope.

12 MR. QUINTANILLA: We're not
13 getting the answers from Kelly Air Force Base.
14 It's no longer a Kelly Air Force problem. It's
15 a city problem, so I think we ought to go to the
16 City.

17 MR. RIOJAS: And I agree with
18 you. What I'd like to say is that you have to
19 be careful what -- the forum that you're using,
20 because you can't use the -- it is not the RAB
21 charter to follow off with any project the city
22 is going to have -- because --

23 MS. PEACE: Well, that's true.
24 But, at the same time, I think that the cleanup
25 will involve the City's oversight. And, so, I

1 would like to see what, you know, the city plans
2 for that. I do think that's --

3 MR. RIOJAS: And I've got no --
4 I'm just saying, "Be careful that you don't get
5 away too far from the charter of the RAB." This
6 is a -- I think it needs to be looked at -- and
7 I agree with you, Armando -- and I believe that
8 the City -- you need to ask the City how they're
9 going to manage the project to ensure that
10 nothing is going to happen bad to the community
11 or the workers during or after. I agree with
12 that.

13 MR. QUINTANILLA: Not only the
14 workers, but also the residents there.

15 MR. RIOJAS: Yeah. And I said
16 that -- and the people.

17 MS. PEACE: Okay. I guess --

18 MR. QUINTANILLA: Could I ask the
19 Chair to, perhaps, write a letter to the City to
20 this effect.

21 MS. PEACE: I'm sorry. Could you
22 say that again?

23 MR. QUINTANILLA: For the Chair
24 or the Co-chair to write a letter to the City.

25 MR. RIOJAS: He's asking for the

1 RAB to write a letter to the City.

2 MR. QUINTANILLA: Yes.

3 MS. PEACE: Well, what I would
4 like to do, I guess, is -- I will ask somebody
5 from the City -- I was thinking of John German
6 from Public Works to -- you know, to come and
7 maybe -- at the next RAB meeting -- and we could
8 question him as to how the City would be
9 handling this in the future -- and just some of
10 the issues that we've brought up tonight.
11 Because we asked Gary -- you know, Gary can't
12 speak for the City. He can speak for TNRCC, but
13 I -- I really -- this is something that I
14 would like to pursue.

15 MR. QUINTANILLA: The minutes say
16 that -- Gary Beyer said the City doesn't need a
17 permit for this.

18 MS. PEACE: That's right.

19 MR. QUINTANILLA: So, TNRCC is
20 completely out of the picture.

21 MR. BEYER: They still have
22 control over their emissions. They have to
23 have -- as Damian was talking about -- they need
24 to have a health and safety plan.

25 MR. RIOJAS: You're talking about

1 a special permit?

2 MR. QUINTANILLA: I'm talking
3 about the regular permit that you-all have gone
4 out for.

5 MR. SANDOVAL: Gary, let me ask
6 you another question, too. Does the local TNRCC
7 office get involved with off-site federal
8 facility problems or issues -- your local area
9 office?

10 MR. BEYER: Yes. It's -- Right.

11 MS. PEACE: They're really
12 understaffed.

13 MR. JOHNSON: I would still like
14 to see that -- if we could, address the City and
15 find out, basically, what some of their
16 construction plans are and, also, maybe to have
17 Army Corps of Engineers -- we talked about last
18 night what could possibly be leaching in from
19 soils into joints that have slipped -- and I see
20 that there could be a potential problem here,
21 whereas land shifts -- as this contamination
22 mixes in with water and goes through the fill --
23 can actual leach back into the storm drain.
24 There are periods where it's going from
25 extremely wet to dry. So, I think it would be

1 in our best interest, at least, to
2 investigate -- whether or not the RAB decides to
3 take any action itself -- and I think it would
4 be worth our while to at least address the
5 issue.

6 MS. PEACE: George, then
7 Mr. Hoffman.

8 MR. RICE: I would like to second
9 what David said. You know, this is, maybe, the
10 first of many issues like this that are going to
11 come up where the City inherits Air Force
12 contamination. This is important an issue not
13 only for the RAB, but for the City as a whole.
14 So, we need to start thinking about this and try
15 and figure out how we're going to handle these
16 issues. It's not the last time --

17 MS. PEACE: And not just
18 Air Force, either.

19 MR. QUINTANILLA: Concerning --

20 MR. HOFFMAN: I think we're
21 taking an awfully long time, albeit this is an
22 important issue. What I'd like to do -- I
23 believe this falls under the director of
24 Public Works of the City of San Antonio. Let me
25 just volunteer -- I know the people there. I

1 will find out from them what they're doing, what
2 their procedures are and I'll call you, Armando,
3 and I'll report back next time or before.

4 Because I can do that. I have an in -- and,
5 then, we'll find out what the process, what the
6 rules, what the procedures are --

7 MS. PEACE: Thanks, Larry. I'm
8 going to ask Mr. German to come here so that we
9 can ask him more questions. I think that that
10 would be better -- and there are some questions
11 that I had, too, about future zoning and things
12 like that -- whether the City could restrict --
13 so, I would really prefer to have him here.
14 We'll go ahead and put that on the agenda for
15 the next time.

16 Okay. Damian, do you have more
17 presentation?

18 MR. SANDOVAL: That's it.

19 MS. PEACE: Okay. Thanks a lot.

20 MR. QUINTANILLA: You've done a
21 great job and I think --

22 MS. PEACE: Yeah.

23 Okay. It was brought to my attention
24 earlier -- I'm sorry. We did bring up the
25 minutes. Does anybody have any changes to the

1 minutes from the last meeting?

2 MR. QUINTANILLA: They're very
3 extensive.

4 MR. ROBERSON: I move we accept
5 the minutes.

6 MR. HOFFMAN: Second.

7 MS. PEACE: All in favor?

8 (Vote by the RAB members.)

9 MS. PEACE: Any opposed?

10 (Vote by the RAB members.)

11 MR. QUINTANILLA: Is there any
12 way that we could have gotten them earlier?

13 MS. PEACE: I think there should
14 be. I really don't know about that. We'd have
15 to ask SAIC.

16 MS. KELLY: I think you left
17 unsettled the question of Mr. Hoffman speaking
18 on behalf of the RAB. You had an alternative --

19 MS. PEACE: So, do you-all want
20 to vote on that?

21 MR. RIOJAS: I'll tell you what
22 might be a good thing, Larry, is for you to talk
23 to Mr. German -- tell him what the concerns are
24 so he can be prepared when he comes. If he just
25 comes, you know, without any preparation --

1 MR. HOFFMAN: Oh, sure. Either
2 you can do that or I can do that.

3 MS. PEACE: All I was saying --
4 I -- I understood that you were offering to go
5 ahead and make a report for him -- you know --
6 and I would have preferred to have him here. I
7 can't make a motion. Can we have some motions
8 here? Do you-all want to vote?

9 MR. HOFFMAN: Do we really need a
10 motion --

11 MS. PEACE: Mary says we do.

12 MR. ROBERSON: I recommend a
13 motion that Annalisa contact John German and
14 invite him to the next RAB meeting to discuss
15 this issue.

16 MS. PEACE: Is there a second?

17 MR. JOHNSON: Second.

18 MS. PEACE: All in favor?

19 (Vote by the RAB members.)

20 MS. PEACE: Any opposed?

21 (Vote by the RAB members.)

22 MS. PEACE: Okay. Thank you.

23 We'll go ahead to old business and
24 Ms. Hueni is going to present documents in the
25 review process.

1 MS. HUENI: The other thing I'd
2 like to point out is -- I think everybody has in
3 their package a listing of documents that are
4 under regulatory review at this time. We will
5 probably be reviewing these over the course of
6 the next couple of months. There's one in
7 particular that I -- that I would like to point
8 out -- is -- is -- to be the matter of
9 interest to most everyone on the board -- and,
10 that is, the focus feasibility study that are
11 being done on groundwater. I understand it's
12 going to be out within the next week or two --
13 anyway, I just wanted to point that out. These
14 documents are available either at EPA's office
15 or at the repository. So -- that's all.

16 MS. PEACE: Thanks.

17 MR. SANDOVAL: Camille, can I ask
18 you a question? If you had to prioritize these
19 documents -- being the ones that you're looking
20 at -- could you prioritize those for us so we
21 can put those as action items that we need to
22 get copies of from TRS.

23 MS. HUENI: I'm sorry, Damian.
24 Could you repeat that?

25 MR. SANDOVAL: I guess I'm

1 looking at your document that says, "Kelly Air
2 Force Base documents under regulatory review,"
3 and my question is -- from the TRS
4 perspective -- is that we're now looking at
5 Zone 5 remedial investigation, Building 1592,
6 the human health and risk assessment for surface
7 soils -- and after those two documents, which
8 ones out of these six should be prioritized to
9 be first looked at, second looked at?

10 MS. HUENI: Okay. It depends --
11 It depends on exactly where your interests
12 are -- where the subcommittee's interests lie --
13 and that would be -- there are two documents
14 that will be coming out shortly -- the draft or
15 by an investigation report for the -- for the
16 13 sites in the C-5 Footprint Area. Also, there
17 is one -- Let's see. Where is it here? There
18 is also a draft RCRA facility investigation and
19 that report is coming out for the environmental
20 process control facility, which is down in
21 Zone 2. Both those documents are actually work
22 plans for additional sampling that will be done
23 in both those areas. So, I think that would be
24 of interest -- and we'll be getting those very
25 shortly.

1 The committee is already looking at Zone 5
2 IR -- and -- and what I understand will be
3 putting together comments on that for our --
4 before our presentation to the RAB at the next
5 meeting. And, of course, the final report for
6 the 1592 Area Human Health Risk Assessment of
7 Surface Soil -- would also be our priority.
8 So -- the focused feasibility study for Zone 4
9 will probably be -- I guess priority No. 5.

10 MR. SANDOVAL: I'm sorry. So,
11 the next document we should be looking at should
12 be the focus feasibility study?

13 MS. HUENI: I think so. Either
14 that or we can actually concentrate on the ones
15 that we have in-house right now, which would be
16 the draft RCRA facility investigation for the
17 C-5 Footprint Area and the draft facility
18 investigation report for the EPCF area.

19 MR. SANDOVAL: Let me, maybe,
20 make a suggestion. Should we take this under
21 consideration at the next TRS meeting and -- to
22 identify which documents -- prioritize them and
23 come back to the RAB?

24 MS. HUENI: I think that would be
25 appropriate.

1 MS. PEACE: Okay.

2 MR. SANCHEZ: Then, we'll do
3 that.

4 MR. RICE: Are we through with
5 that item under old business? Are we through
6 with that?

7 MS. PEACE: It looks like it.

8 MR. RICE: I have two items under
9 old business I'd like to bring up. One is one
10 we didn't get to at the end of the last meeting
11 since the RAB -- I think we needed to address at
12 the last meeting -- and the second one is the
13 issue of a facilitator and I just wonder what
14 the status is.

15 MR. RIOJAS: What was the last
16 one?

17 MR. RICE: A facilitator.

18 MS. PEACE: Could you address the
19 issue of the facilitator, Mary?

20 MS. KELLY: In response to the --
21 I'm Mary Kelly, an attorney in the JAG office at
22 Kelly Air Force Base and I have been working on
23 RAB issues.

24 In response to the meeting last time -- the
25 RAB meeting -- which accepted the administrative

1 committee's report and recommendation -- one of
2 which was to request the Air Force to look into
3 the engagement of a facilitator for RAB
4 meetings. The Air Force did proceed with that,
5 did develop a -- kind of outlined what a
6 facilitator would do -- did request all of you,
7 by letter -- I believe all of you did receive a
8 letter maybe a month -- about two months ago,
9 asking for your input in the development of that
10 outline of what a facilitator would do.

11 In addition, the Air Force proceeded to
12 look at the contracting methods for engaging a
13 facilitator. Then, in the last couple of weeks,
14 there was further discussion of the issue and
15 the co-chairs met and planned this meeting and
16 considered that perhaps the -- that the whole
17 subject of a facilitator should be reconsidered
18 and that perhaps it wouldn't be needed, that the
19 meetings were proceeding in a way that seemed to
20 meet the RAB member's needs and the purpose of
21 the RAB and, therefore, that proceeding for
22 another period of time without a facilitator was
23 perhaps the best -- the best way to go.

24 So, it's a subject I suggested to Annalisa
25 might be raised at the meeting tonight and ask

1 for your reconsideration of that issue.

2 MS. PEACE: We will have -- I
3 guess, we've had some turnover of membership.
4 We will have a new co-chair coming in at the
5 next meeting -- and, then, there is election for
6 community co-chair in January. So, I was
7 thinking, since we have two new co-chairs, that
8 we might go ahead and see how they do first
9 before we engage a facilitator -- because one
10 might not be necessary -- but I'd like to see
11 what you-all's feelings are on that.

12 MR. RICE: I think that the last
13 few meetings have gone very well. They've
14 really -- We haven't had a need for a
15 facilitator.

16 MR. JACOBI: I move that we delay
17 any further consideration of a facilitator until
18 after the new co-chair is installed.

19 MR. ROBERSON: I second that
20 motion.

21 MS. PEACE: All in favor?

22 (Vote by the RAB members.)

23 MS. PEACE: Any opposed?

24 (Vote by the RAB members.)

25 MS. PEACE: Okay. The motion

1 carries. Thank you.

2 The other issue was the RAB budget --

3 MR. RIOJAS: The second question
4 was the RAB budget. What specifically was the
5 question with regard to the RAB budget?

6 MS. PEACE: We never got --

7 MR. RIOJAS: We did. We made a
8 presentation here and it's in the minutes on
9 what the RAB budget was. We were talking about
10 what the RAB budget was with respect to putting
11 on a RAB meeting.

12 MR. RICE: Two meetings ago, Ed,
13 when this came up, we said -- I think we agreed
14 as a RAB that we ought to learn the details of
15 the RAB budget. There was a lot of discussion
16 and Hilary Knapp -- you were saying that you're
17 going to have to go through the Freedom of
18 Information Act to do that.

19 MR. RIOJAS: Because -- The
20 reason I said that is because you were asking
21 for all data or for all information that could
22 possibly touch the RAB -- and I said that's
23 just -- that's too deep.

24 MR. RICE: I guess -- All I'd
25 like to know -- and I think most members of the

1 RAB would like to know -- how much money is
2 being spent on the RAB. That's what we'd like
3 to know.

4 MR. RIOJAS: And we said that --
5 that it was from eight to \$10,000 a meeting --
6 but it has been reduced since then. Now, if
7 you're asking how much money is being spent for
8 the cleanup --

9 MR. RICE: No. But the problem
10 with that figure is you won't give us any
11 documentation to back --

12 MR. RIOJAS: I'm not going to
13 give you any --

14 MR. RICE: That's what we'd like.

15 MR. RIOJAS: I'm not going to
16 give you any Privacy Act information, George.
17 You can just forget about that. You can file a
18 lawsuit if you want to, but you're not going to
19 get it from me. It's against the law to do
20 that.

21 MR. RICE: All I'm saying is
22 you're asking us to take your word for it, but
23 you won't give us any --

24 MS. PEACE: Okay. But -- if I
25 can just -- for a second -- Hilary did say

1 that you would get us some figures. Can we put
2 you on the agenda for the next time or are you
3 ready with those?

4 MS. KNAPP: It was my
5 understanding -- It's my understanding that
6 you-all received the figures that the Air Force
7 was going to release before the last meeting --
8 in your packet for the last meeting. If that is
9 incorrect, let me know.

10 MR. QUINTANILLA: My question is
11 this -- it goes back to Page 6, Paragraph F, 1,
12 Mr. Quintanilla asked Mr. Riojas if the RAB can
13 be provided the budgetary information for the
14 groundwater sampling program. Mr. Riojas said
15 that he would look into it.

16 MR. RIOJAS: Yeah, the
17 groundwater sampling program. That's -- That's
18 different.

19 MS. PEACE: That's a different
20 issue.

21 MR. QUINTANILLA: That's the one
22 I'm concerned about.

23 MR. RIOJAS: Well, he's asking a
24 different question.

25 MS. PEACE: So, is the RAB

1 budget -- was that satisfactory to you -- what
2 was in our last packet?

3 MR. RICE: No. What I'd like to
4 ask is: If you won't release that -- I think
5 that you-all send a report to Congress every
6 year where you tell them how much money you
7 spend on the RAB. You don't do that?

8 MR. RIOJAS: Not specifically,
9 no.

10 MR. RICE: Oh, okay.

11 MR. RIOJAS: No.

12 MR. RICE: A couple of years ago,
13 Mike Estrada gave us -- gave us some report
14 showing how much money had been spent, maybe,
15 roughly, in the first year of the RAB. I think
16 it was like \$260,000.

17 MR. RIOJAS: Yeah. But what he
18 was including in there, George, was all kinds of
19 extraneous things that were not really
20 pertinent --

21 MR. RICE: Could we get some sort
22 of an itemized breakdown like that that doesn't
23 give away any proprietary information?

24 MR. RIOJAS: I thought we had
25 already done that.

1 MR. RICE: No, you haven't.

2 MS. PEACE: I think that it might
3 be better, actually, if we take this up at the
4 next meeting, because we're getting off -- for
5 one thing -- and there's some specific
6 questions that I'd like answered, too, but I
7 think it would be better brought up at the next
8 meeting. Is that satisfactory?

9 MR. RICE: That will be an agenda
10 item?

11 MS. PEACE: Right.

12 MR. MCGHEE: If I could interject
13 one comment. First of all, Mr. Quintanilla,
14 your question for the groundwater sample
15 budget. The agenda does include an item for
16 that. However, we forgot to bring the
17 information and I apologize. I'm going to hear
18 about this tomorrow.

19 We had intended to give you a breakdown of
20 the groundwater sampling budgets -- and I
21 apologize that we did not get that in your
22 packet and we did not bring that tonight. That
23 is my oversight. But, again, we have every
24 intent on getting that.

25 With regards to the RAB budget, there is --

1 there's a couple of magic words -- "Procurement
2 Integrity Act" -- and that's what ties our
3 hands. Your monies are entrusted -- Your tax
4 dollars are entrusted to people who have to
5 follow certain standards. For example, when
6 Lockheed Martin makes a bid to Kelly Air Force
7 Base to do work on some big project, you can't
8 know what their bid is. You cannot know. We
9 cannot tell you what their bid is. It is
10 protected because we don't want to tip their
11 hand, basically. Because what will happen is
12 the next guy will bid \$5 under that.

13 And the way the RAB functions are
14 acquired -- that is, the services -- projector,
15 some printing -- these posters you see over
16 here -- that's done by bid. So, we can't tell
17 you what that bid was. But we -- That's right.
18 By competitive bid. But we can give you general
19 numbers and we thought we had given you that
20 before. Let's try to refine that. Let us -- I
21 will -- You've got a fax machine. I will fax
22 you something that shows some information I
23 think we can give you. Let's hope that
24 satisfies you, so we can work it out. There's
25 nothing hidden about these numbers, but they are

1 protected. We are required by law to protect
2 certain information. So, we can -- I think we
3 can resolve this.

4 MR. QUINTANILLA: Another
5 question that was supposed to be answered
6 today: How many acres of off base -- off
7 base -- are contaminated? How many acres off
8 base are contaminated?

9 MR. MCGHEE: When Mr. Ryan --
10 William Ryan -- gives his presentation later,
11 he will give you one reason why we don't know
12 that number and that's -- one reason is because
13 we don't know how large, for example, the plume
14 is off of Zone 4 -- and we're trying to find out
15 how large that plume is. Until we know how
16 large it is, that is a very good reason why we
17 can't tell you how many acres it is. Now, it's
18 important to understand that we're talking about
19 groundwater. So, acreage -- you know,
20 typically --

21 MR. QUINTANILLA: How about in
22 Zone 3 and the Quintana Road area in Zone 5?

23 MR. MCGHEE: As you will also see
24 tonight, there is groundwater contamination from
25 Zone 3 that is going over through Zone 4. That

1 is also -- we're looking to find out exactly how
2 far that goes.

3 MS. PEACE: Armando, it might be
4 better to wait until after the presentation for
5 those questions.

6 MR. RIOJAS: What you might be
7 able to do is say what's known right now, but
8 I'm sure that that's not the end number.
9 Because -- you know, they're still looking and
10 they're still finding it.

11 MR. SANDOVAL: Let me add one --
12 one -- two quick points. First of all, I think
13 a facilitator would help them keep on track --
14 the agenda -- a facilitator.

15 But the second question I had -- when we
16 start talking about budgets and money spent -- I
17 think there is a report that goes up to Congress
18 from each facility that says how much money is
19 spent. I don't know if it's divided out by
20 activity --

21 MR. RIOJAS: That's exactly
22 right.

23 MR. SANDOVAL: Let me add another
24 thing, though. I think we would like to get to
25 the point that we start to see how much money is

1 spent on study activities versus actual remedial
2 activities -- groundwater -- we know we're doing
3 a combination of those now. Is there a way --

4 MR. RIOJAS: But that's a
5 different question.

6 MR. SANDOVAL: I understand
7 that. But I'm saying this is another topic that
8 would be good even if it's by percent -- money
9 spent at Kelly -- "X" money spent
10 administratively, "X" amount on study
11 projects, "X" amount on remedial action
12 projects.

13 MS. PEACE: Can you put that in
14 the form of a motion?

15 MR. MCGHEE: That information
16 would be -- how much money is spent on study
17 versus how much money is spent on cleanup --
18 that is available -- and you can bet -- yes --
19 Congress is very interested in knowing exactly
20 how much that is. In fact, we've got goals to
21 meet. They say, "We want you to spend a lot
22 more money on cleaning up versus on study." So,
23 yes, we have information that we can --

24 MS. PEACE: If you could make a
25 motion --

1 MR. SANDOVAL: I'd like to make a
2 motion to obtain some information from Kelly Air
3 Force Base referencing the monies spent on
4 remedial action -- remedial action at Kelly
5 versus study projects versus any other
6 administrative functions performed at Kelly
7 Air Force Base under the BRAC program.

8 MS. PEACE: Is there a second?

9 MR. JOHNSON: Second.

10 MS. PEACE: All in favor?

11 (Vote by the RAB members.)

12 MS. PEACE: Any opposed?

13 (Vote by the RAB members.)

14 MS. PEACE: Would you-all be
15 ready by the next meeting or would you like the
16 meeting after? Okay. So, that will be on the
17 next agenda.

18 Do we have any more old business to take
19 up. Mr. Sanchez?

20 MR. SANCHEZ: I know that we're
21 getting close to our break. Mike, as part of
22 your presentation -- after the break -- will
23 there be time to make a comment about the
24 sampling of East Kelly?

25 MR. MCGHEE: Sure. You bet. I

1 don't see any problem with that. If you
2 remember, your agenda has a presentation by the
3 City -- I believe that was Pat Mota -- yes --
4 Ms. Mota here. She was scheduled for a certain
5 time. So, I would suggest that after the
6 break --

7 MR. SANCHEZ: The other thing is
8 that there's people here that are just waiting
9 for -- to hear some information about that. I
10 can do that right now real quickly, but some
11 people may -- our next two presentations are
12 going to be pretty lengthy presentations and
13 quite technical -- and we may be inconveniencing
14 some people by asking them to stay here for any
15 extended period of time.

16 If it's okay with the RAB Board, I'd like
17 to go ahead and tell you, more or less, what
18 we've been able to find.

19 MS. PEACE: Okay.

20 MR. SANCHEZ: If the RAB
21 remembers, the Air Force -- at our last meeting,
22 the Air Force released information that the
23 plume in East Kelly was further than what they
24 had originally looked at in 1996 -- and there
25 was some concern in the community in regards to

1 the possible contamination of people's drinking
2 water. The Health Department -- the San Antonio
3 Metropolitan Health District -- sent a letter,
4 with the Air Force, to the 14,000 people where
5 this particular plume was at -- indicating to
6 them what we would do separate from the
7 Air Force to look at the water -- the drinking
8 water at their home.

9 One of the things we did, along with the
10 Bexar Metropolitan Water Company, which is the
11 largest purveyor of water in East Kelly, is we
12 profiled their water system and they went ahead
13 and also sampled their raw water wells -- you
14 know, the raw water -- not the water at the
15 distribution point, but at their wells -- to
16 test for those four chemicals of concern and
17 those samples came back negative.

18 This was done by the Southwest Research --
19 Southwest Foundation -- which was very, very
20 comforting. The Health Department also
21 contracted a separate laboratory and we went and
22 pulled 62 samples of water from people's houses,
23 from day care centers and from schools -- the
24 actual drinking water -- to look at the water
25 and see if there was any possibility -- remote

1 as it might be -- that any of those particular
2 chemicals would be in people's drinking water --
3 and I'm very happy to tell you that those
4 samples came back negative, as well.

5 So, I wanted to let you know that the
6 drinking water that you do have at East Kelly is
7 fine. We are still holding out a part of our
8 investigation. We're going to send health
9 inspectors to actually visit some of the private
10 wells that the Air Force has said that are not
11 being used for drinking water. We are going to
12 visit them with our own personnel to ascertain,
13 for our own purposes, that it's not being used
14 for drinking water -- and we will come back to
15 you at some later point and report those
16 findings to you.

17 MR. RIOJAS: Will you also be
18 sampling those at the same time?

19 MR. SANCHEZ: If the water is
20 being used for drinking water purposes, we will
21 pull samples for that purpose, as well.

22 MR. ROBERSON: Sam, will that be
23 all the wells that have been identified?

24 MR. SANCHEZ: Those wells that
25 have been identified by the Air Force and those

1 wells that are in the process of being
2 identified through the notification process. If
3 there's any people that come forth and say that
4 they do have wells that are on their property
5 that they've been drinking -- those water
6 wells -- we will survey them and also take water
7 samples from those wells.

8 MR. ROBERSON: Sam, I was going
9 to ask if -- is there any plan to make this
10 information public? And the reason I ask that
11 is that when this came out, I think that there
12 was probably initial -- a lot of concern created
13 in the neighborhoods -- and as you complete your
14 study -- whatever the results are -- probably
15 ought to be made public, also.

16 MR. SANCHEZ: Well, in the
17 interim -- by the way, we're going to ask the
18 Air Force to -- to -- that -- that mailing list
19 that they have for 14,000 people -- to send a
20 letter out to those people -- as far as their
21 drinking water from the tap -- that their
22 drinking water is safe.

23 We are going to request that the Air Force
24 do that -- and pending -- and that is by no
25 means the end of our investigation. We will

1 continue to look at other records and other
2 water systems in those areas, but the --
3 the -- and the reason I say that is because
4 many small private water wells in those areas
5 are not recorded and it is a difficult thing for
6 someone to stand here and tell you that all the
7 water wells are not being used. So, that is an
8 ongoing process that we hope to be part of
9 and -- to assure the people that live in those
10 communities that their water is safe to drink.
11 We're going to do this independently from the
12 Air Force.

13 MR. ROBERSON: If I could
14 suggest -- I'd recommend that you consider who
15 ought to send that letter saying the drinking
16 water is safe. I'm not sure that -- and maybe
17 I'm wrong about this -- but I'm not sure that
18 all the residents would view an Air Force
19 letter --

20 MR. SANCHEZ: No. It will not
21 be -- It will not be the Air Force. But it will
22 be a letter directed by the Health Department.
23 It will be sent by the Air Force.

24 MS. PEACE: And will you also be
25 doing any press conferences or anything like

1 that or sending out press releases -- anything
2 like that?

3 MR. SANCHEZ: This is for your
4 information for tonight.

5 MS. PEACE: Okay. Thanks.

6 MR. SANCHEZ: George?

7 MR. RICE: Sam, when you said all
8 the results were negative, do you mean that all
9 results were below MCLs or that nothing was
10 detected?

11 MR. SANCHEZ: Nothing was
12 detected, George.

13 MR. QUINTANILLA: I understand
14 there was two different labs that conducted this
15 sample.

16 MR. SANCHEZ: Yes.

17 MR. QUINTANILLA: What were the
18 names of the labs?

19 MR. SANCHEZ: The laboratory was
20 the Southwest Foundation for Biomedical
21 Research -- was one laboratory -- and they do
22 this world-wide. The second lab was the
23 San Antonio Testing Laboratories. They're two
24 independent laboratories and they both came back
25 with non-detectable hits.

1 MR. QUINTANILLA: Will that be in
2 your letter?

3 MR. SANCHEZ: Yes.

4 MR. BEYER: Is this going to come
5 out in any kind of final report or any kind
6 of -- do you know -- or --

7 MR. SANCHEZ: We're not --

8 MR. BEYER: Are you going to
9 compile this information?

10 MR. SANCHEZ: We have the results
11 compiled, that's true. But it's certainly open
12 for anybody to look at.

13 MR. BEYER: Well, I think this is
14 great news, one -- and, two, I think you should
15 also be commended for your proactive approach on
16 this.

17 MS. PEACE: I agree.

18 MR. RIOJAS: That's a good point
19 about the people that live in the area. How are
20 you going to get the information back to them?

21 MR. SANCHEZ: We hope to do this,
22 Mr. Riojas, by drafting a letter --

23 MR. RIOJAS: Just a letter?

24 MR. SANCHEZ: -- and, then, send
25 it to the same addresses that you send them --

1 that way we will have the same follow-up back to
2 the same people.

3 MR. HOFFMAN: As your
4 parliamentarian who really doesn't know a lot
5 about parliamentary procedures, I would suggest
6 when we have motions and seconds -- that before
7 we vote, you ask for discussion.

8 MS. PEACE: Okay.

9 MR. HOFFMAN: Please. And I
10 still think we could use a facilitator just --
11 even though we're moving along okay --
12 I know -- until next time, but there still is
13 an awful lot of cross-talk when somebody should
14 be raising their hand and be recognized to avoid
15 disruption and whatnot.

16 MS. PEACE: Okay. We've got
17 David and, then, Damian.

18 MR. SANDOVAL: Sam, it would
19 behoove us to identify maybe "X" amount of wells
20 and sample them on a periodic basis -- once
21 every quarter -- to maintain that we are not
22 having any type of contaminated water.

23 MR. SANCHEZ: One of the things
24 that we've asked the Air Force -- I think in
25 the last minutes -- is for them to submit to

1 the local health department a list of the water
2 wells that they have surveyed -- a more
3 comprehensive list -- so that we can -- and I
4 think Mr. McGhee has submitted a list of -- such
5 a list.

6 We'd like to look at those -- at that list,
7 if possible -- if they can submit to us in a
8 digitalized format that we could use with other
9 city maps and plot them with the actual water
10 well locations that we have for Bexar Met -- and
11 plot these separately -- the small private water
12 wells in those areas -- and, also, to look at
13 the plume that -- I think it -- it helps from
14 our purposes to look at the whole thing in one
15 complete snapshot rather than in pieces.

16 MS. PEACE: David?

17 MR. JOHNSON: The other area of
18 concern -- and, again, we commend the work that
19 you've been doing -- is actually in the Six Mile
20 Creek area. I believe I brought that issue up
21 at the technical subcommittee meeting. Does the
22 public health department plan to do any further
23 investigation along the Six Mile Creek area?
24 And if there is a possible pathway of exposure,
25 would Public Works, then, be notified later to

1 possibly put up some signs for -- publicly --
2 to ward off the threat?

3 MR. SANCHEZ: The Six Mile Creek
4 area is considered a non-contact recreation area
5 for anything like that. We have historical
6 information on Six Mile Creek in terms of
7 bacteriological sampling that we've done over
8 the years -- strictly from a public health
9 point of view -- to look at those levels of
10 organisms. But we've never done -- I don't
11 think we have any information in terms of VOCs.
12 There may be -- in fact, I think there is --
13 historical information from the local USGS that
14 does do -- you know, they do have sampling
15 stations and points along Six Mile Creek and
16 they do sample -- that might be something that
17 we -- you know, the Air Force could look at for
18 us in terms of what sort of information that
19 USGS does have.

20 MR. SANDOVAL: To follow up on
21 that, maybe we could ask the Air Force to -- in
22 the future -- look at surface water sampling
23 along Six Mile Creek in addition to sediment
24 sampling three to six inches below the current
25 elevation to see if there are contaminants in

1 that area.

2 MS. PEACE: Is there any further
3 discussion or questions for Mr. Sanchez?

4 I'd like to reiterate what Gary said and
5 thank you -- and the Health Department -- for
6 acting so quickly on that -- and I hope that
7 you-all will continue as the need arises -- but
8 we really appreciate your input on that.

9 MR. RODRIGUEZ: Annalisa, I
10 wanted to ask something. Even though you-all
11 are sampling all the time, we do welcome --
12 whenever -- we are concerned about water
13 quality and distribution sampling to be taken.

14 We do have a number that you can contact.
15 That is 354-6500 or we have an emergency number
16 which is 923-9241 and -- 24 hours a day. So, we
17 will do additional samples if we're asked to do
18 that. But we certainly appreciate the
19 Metropolitan Health District doing the sampling
20 because it lends credibility to the work that
21 we're doing.

22 MS. PEACE: Right. And I
23 remember you-all have been really good in the
24 past when people have brought up concerns here.
25 It was always followed up. There was some

1 complaints in the past.

2 Okay. Do we have any further discussion on
3 old business?

4 Okay. Then -- I'd like to take a break --
5 and, then, when we come back, we'll hear the
6 storm water project report and, then, the
7 shallow groundwater presentation and, then,
8 we'll go into the closing and set the date for
9 the next meeting, if that's okay with you-all.

10 Okay. Thank you.

11 (Short break taken.)

12 MS. PEACE: I'd like to call the
13 meeting back to order.

14 Okay. Before we start with the
15 presentations, it's been brought to my attention
16 that some -- the members did not have adequate
17 time to review the minutes and, though --
18 although we've approved the minutes, could I
19 have a motion -- it's been suggested that we be
20 given more time to review the minutes. So, I
21 guess we would need to rescind -- a motion to
22 rescind the approval.

23 MS. HUENI: I would like to make
24 the motion that we have an opportunity to review
25 the minutes before the RAB meeting. So, if we

1 could receive those either by E-mail or by mail
2 probably a couple of days before the RAB
3 meeting, everyone will have the opportunity to
4 read through them -- you know, make sure that
5 we're all in agreement with the minutes before
6 we're actually asked to concur with those.

7 MR. QUINTANILLA: I would like to
8 second the motion and also would like to discuss
9 the motion a little bit more.

10 Three months? Man, I can provide these
11 minutes in a week.

12 MR. RIOJAS: Are you talking
13 about the minutes?

14 MR. QUINTANILLA: I'll put in my
15 bid for it. I can do that in a week and they'll
16 be approved by this total body for less than
17 \$4,000.

18 MR. RIOJAS: We'll take that --

19 MS. PEACE: Okay. So, is there
20 any further discussion on the motion that we get
21 more time to review the minutes prior to the
22 meeting.

23 Larry?

24 MR. HOFFMAN: That's just a
25 little bit vague -- just to say "before the

1 meeting." Is one day or a week before? I would
2 say, at the minimum, a week before --

3 MS. PEACE: A week before the --
4 Okay.

5 MR. HOFFMAN: Can you say that?

6 MS. PEACE: Okay. So --

7 MR. ROBERSON: Second.

8 MS. PEACE: There's been a motion
9 on the floor that we receive the minutes at
10 least one week prior to the meeting, so that we
11 have time for review. It's been seconded. Is
12 there any further discussion?

13 All in favor?

14 (Vote by the RAB members.)

15 MS. PEACE: Any opposed?

16 (Vote by the RAB members.)

17 MS. PEACE: Now, frankly, we
18 have -- I believe -- if not in a formal
19 motion -- repeated requests, so we'll see if
20 having an actual motion that's been carried
21 makes a difference.

22 As to addressing the fact that there are
23 people that do have -- specifically have one --
24 and I think several other of the members have
25 not had a chance to read the minutes before we

1 approved them. Can we have a -- Did you want to
2 make a motion to rescind the approval and wait
3 until the next meeting?

4 MS. HUENI: Yes. I make that
5 motion.

6 MS. PEACE: Do --

7 MR. BEYER: I second it.

8 MS. PEACE: Okay. Do we have any
9 discussion on that?

10 MR. RIOJAS: The motion was to
11 rescind the approval of the minutes until such
12 time as all the RAB Board members had an
13 opportunity to read them and, then, we'll vote
14 on them next meeting.

15 MS. PEACE: Okay.

16 MR. JACOBI: Call the question.

17 MS. PEACE: All in favor?

18 (Vote by the RAB members.)

19 MS. PEACE: Any opposed?

20 (Vote by the RAB members.)

21 MS. PEACE: Okay. Thank you.

22 Now, we will take -- Let's see.

23 Mr. Fernandez is here -- the consulting
24 engineer -- with the storm water project
25 report.

1 MS. MOTA: I'm Pat Mota. I'm
2 with the Department of Public Works.
3 Mr. Fernandez is the partner to Mr. Don White,
4 who is our consultant for this storm water
5 drainage project. Mr. Don White is being
6 Colonel White in Bosnia and won't be back for
7 six months. So -- Mr. Fernandez couldn't make
8 it on a short notice -- and I will be making a
9 status report, rather -- and I will take
10 questions. Whatever I cannot answer, I will
11 most certainly get back to you at the next
12 meeting and have answers for you at those
13 meetings. Any kind of questions concerning what
14 Mr. Quintanilla has, at that -- could be
15 forwarded to Mr. German. I will certainly take
16 that information back to him.

17 MS. PEACE: Okay. In light of
18 that fact, could we try to limit the questions
19 that we pose right now since you might not be
20 able to answer all of them and go ahead and
21 direct those questions when there is somebody
22 that can answer them fully? So -- I mean, if
23 there's something that you really need to ask
24 right now -- but, otherwise, if we could go into
25 it -- more in-depth discussion when there's

1 somebody that knows -- is more capable of
2 answering the questions.

3 Okay. Thank you.

4 MS. MOTA: Out front on the
5 table, I have left these flyers. They have the
6 map of the area -- the Quintana drainage
7 project -- and it has estimated construction
8 start date, it has the scope of the project and
9 it has the funding sources on here -- and it
10 also has -- most importantly -- my name at the
11 top and my telephone number. I will be
12 available for assistance for the duration of
13 this project, starting from right now until we
14 are completed with the project. I will make
15 project site visits daily or as often as I can.
16 I do have, sometimes, up to ten projects that I
17 monitor during construction, plus other projects
18 in Council Districts 4, 1 and 5. But if you
19 call in the office, I'm not in, please leave
20 your number and I'll get back to you as soon as
21 I can. I am available, also, to meet with
22 anyone here personally or any of the residents
23 in the neighborhood that may have questions.

24 Also, a question was asked as to why we
25 have not approached the neighborhood, as far as

1 a meeting is concerned. We have been in touch
2 with the COPS organization and Mr. Segovia of
3 St. Joseph's COPS organization has mentioned to
4 us that he will keep the residents informed,
5 that he wants us to provide information to him
6 and that, at such time when we do begin
7 construction with this project, we will then
8 make a presentation and have a meeting with the
9 immediate residency of that construction area.

10 We plan, as it shows on this map, to start
11 construction in April of 1998, with --
12 construction to estimated completion should be
13 December of 1990. So, it's going to be a
14 lengthy process. We realize that, particularly,
15 on McLaughlin, the construction will be quite
16 heavy and will impact the residents greatly. We
17 have made provisions to provide safety fencing
18 around construction sites.

19 McLaughlin Street is broken down into eight
20 segments of construction. Normally, we have a
21 street that length -- we allow the contractors
22 in a normal -- this is not your normal depth of
23 digging. We've got depths up to 30 feet of
24 construction in this area for the storm drain.
25 So, we're providing eight phases. So, there are

1 shorter lengths of trench that the contractor is
2 allowed to work in -- and before he moves onto
3 the third phase, he has to see that the first
4 phase is a completely drivable surface and free
5 of any kind of obstructions for the residents of
6 the area.

7 We also are providing fencing around the
8 trenches at night or after hours, weekends, when
9 it rains and they will be secured so that the
10 children of the neighborhood will not be able to
11 get into there unless -- some of their own
12 devices -- climb over or whatever. But we will
13 try everything that we can to keep those
14 children of that area safe.

15 During that construction, the full width of
16 the street will be utilized. There will be no
17 areas to allow the residents to drive into their
18 driveways unless they utilize their neighbors'
19 driveways for coming and going. They can park
20 in the streets at night or off of -- off to the
21 sides of the construction area.

22 We are providing -- On either side of the
23 street, there's alleys in back of these houses.
24 So, we're providing a paved area with
25 asphalt-treated base on both of these alleys so

1 that the residents of the area can traverse back
2 and forth in the alleys to get to their
3 properties. We will also provide pedestrian
4 gates where necessary. This is also going to be
5 implemented for the use of the recycling trucks
6 and the garbage trucks. The post office will
7 provide their own multiple box pads where they
8 will put several mailboxes at one area and they
9 will issue keys to each resident so that they
10 can go pick up their mail during this
11 construction.

12 The issues of environmental on this
13 particular project, I leave to our Kelly Air
14 Force Base folks. They have been working
15 closely with Mr. Don White in providing as much
16 of the guidelines that TNRCC has provided and
17 interworking it into our specifications so that
18 everything will be looked at before we get into
19 this construction. Now -- and on the
20 particulars of that, as I said before, if you
21 have any specific questions about specific
22 situations that may occur, we'll go back and
23 research it and we'll get back to you later on
24 that situation. But, right now, like I say,
25 Mr. White is away and we beg your indulgence

1 until we can get those answers for you.

2 MR. QUINTANILLA: Just one
3 question. Is the City obtaining a permit from
4 TNRCC to accomplish this work?

5 MS. MOTA: We are not, sir.

6 MR. QUINTANILLA: Why is that?

7 MS. MOTA: As I understand, we
8 are not -- we don't need one. We've been told
9 by TNRCC -- We've asked several sources at TNRCC
10 and they've told us we do not need one.

11 MR. QUINTANILLA: Do you have it
12 in writing?

13 MS. MOTA: We have asked for
14 something in writing, sir, and, supposedly, we
15 are waiting for the arrival of that letter.

16 MR. QUINTANILLA: TNRCC has
17 specifically said you do not need a permit --

18 MS. MOTA: Right.

19 MR. QUINTANILLA: -- to clean up
20 this contaminated area?

21 MS. MOTA: Right.

22 MR. QUINTANILLA: One other
23 question. How much is this project costing?

24 MS. MOTA: 9.5 million, sir.

25 MR. QUINTANILLA: And that money

1 is coming from where? GKDC or Air Force --

2 MS. MOTA: It's a combination,
3 sir.

4 MR. QUINTANILLA: How much
5 Air Force?

6 MS. MOTA: Pardon me?

7 MR. QUINTANILLA: How much is
8 Air Force and how much is --

9 MS. MOTA: Approximately
10 seven -- somewhere -- 7.5 -- somewhere in that
11 area is Air Force -- and the remainder of that
12 is a city mixture of CBG and bonds money that
13 have been acquired over the years.

14 MR. QUINTANILLA: I've researched
15 the city ordinance and at that time the total
16 Air Force commitment was -- that this area was
17 contaminated -- would be 2.7 million. Now,
18 it's over \$7 million, you're saying?

19 MS. MOTA: Right. There have
20 been, as we said before -- and this also goes
21 back to why, you know, we're building this now
22 and not last year as we had at one time thought
23 we were going to do. The agreement that was
24 originally drawn up -- I think it was three or
25 four years ago -- has been re-drawn because of

1 We're going to close it down. So, that area
2 will be taken up, but the further extension of
3 the underground storm drain there will be at a
4 much shallower depth. It won't be to the level
5 of 20 feet and we're only going to go up to, I
6 think, King Street.

7 MR. QUINTANILLA: And who is
8 going to clean up that area that is contaminated
9 that is below 20 feet on Quintana Road?

10 MS. MOTA: We don't have any
11 indication, sir. I don't know. Do you-all have
12 any indication about that situation?

13 MR. BAILEY: Long-term cleanup is
14 the responsibility of the Air Force.

15 MR. QUINTANILLA: Is it in your
16 permit?

17 MR. BAILEY: Is what in our
18 permit?

19 MR. QUINTANILLA: The permit to
20 TNRCC.

21 MR. BEYER: There is a provision
22 in the compliance plan for outside --
23 remediation of off-site contamination.

24 MR. QUINTANILLA: I'm talking
25 specifically Quintana Road.

1 MR. BEYER: It's all off-site
2 contamination, whether it's Quintana Road or --
3 you know, off-site -- in Kelly Gardens.

4 MR. QUINTANILLA: And what does
5 that mean?

6 MR. BEYER: I don't have a copy
7 of the permit with me, but I can look it up for
8 you.

9 MR. QUINTANILLA: I'm concerned
10 about this. I think something needs to be done
11 and real strongly.

12 MS. PEACE: I think we've gone
13 through this before several times. I think the
14 issue -- at issue here -- and I understand -- is
15 that the language is made broad so that all
16 areas that are pertinent will be included -- you
17 know, the off-base areas that are pertinent to
18 the cleanup -- and there's the concern if they
19 are named individually that it will be construed
20 that only those areas of the responsibility of
21 the Air Force will be cleaned up; is that
22 correct? Is that right, Parker?

23 MS. WILSON: I guess while Gary
24 is looking that up -- I wanted to address
25 something else -- because this issue keeps

1 coming back time and again. With respect to
2 Quintana Road, there is no requirement that the
3 City obtain a permit for the activities of
4 construction. Unless they are going to be
5 treating, storing or disposing of hazardous
6 waste, there's no requirement to get a permit
7 and that's why there's not a permit.

8 MR. QUINTANILLA: How about
9 Kelly? Isn't Kelly supposed to get a permit for
10 that?

11 MS. WILSON: Kelly will not be
12 treating, storing or disposing. What they will
13 be doing with that -- if there is some soils
14 that are dug up -- that there is a suspicion
15 that there is hazardous contamination, they will
16 be sighting them -- staging them -- on Kelly Air
17 Force Base.

18 MR. QUINTANILLA: So, they are
19 storing them? They are being sighted at Kelly.

20 MS. WILSON: No, that's not
21 storage. They're being staged in order to
22 characterize it. Once they characterize it,
23 they determine that, yes, it is actually
24 hazardous, then Kelly is arranging to have the
25 stuff taken off site and disposed of. Whoever

1 disposes of it will require a permit.

2 MR. QUINTANILLA: And who will
3 that be?

4 MS. WILSON: Whoever they ship it
5 off to.

6 MR. QUINTANILLA: Would it be the
7 City's responsibility or Kelly's
8 responsibility?

9 MS. WILSON: I believe that Kelly
10 is assuming the responsibility as the generator.

11 MR. QUINTANILLA: Now, have you
12 put --

13 MS. WILSON: If it is hazardous
14 waste or hazardous material, they will have the
15 manifest to ship off.

16 MR. QUINTANILLA: Have you put it
17 in writing that either Kelly nor the City needs
18 a permit to do this kind of work that they're
19 doing on Quintana, McLaughlin and Bynum?

20 MS. WILSON: No, sir.

21 MR. QUINTANILLA: How come?

22 MS. WILSON: Well, because we
23 don't go around telling everybody that's doing
24 any sort of construction that they don't require
25 a permit for it. One of the reasons for that is

1 that anything could change. A fact can change
2 that could change what they're doing. They
3 could, then, be subject to our permit and say,
4 "Wait a minute. You said we don't have to get
5 a permit," and then we get into a match about,
6 "Well, wait a minute. That's not exactly it.
7 Under these facts, it's different." So, no, we
8 don't do that sort of thing.

9 If you suspect that there is a problem,
10 that they are doing something that requires a
11 permit, that they are treating, storing or
12 disposing of hazardous waste, then notify us,
13 we'll look into it. Contact the regional
14 office. But we have looked into it. I have
15 spoken with the City.

16 MR. QUINTANILLA: How will the
17 off-site area be treated and cleaned up right
18 there where --

19 MS. WILSON: What are you talking
20 about exactly? What are you talking exactly?

21 MR. QUINTANILLA: I'm talking
22 about the Quintana, Bynum and McLaughlin area.
23 How will that be treated and cleaned up?

24 MS. WILSON: Are you talking
25 about soils --

1 MR. QUINTANILLA: Soils and
2 water.

3 MS. WILSON: -- incidental to the
4 construction?

5 MR. QUINTANILLA: Soils and
6 water.

7 MS. WILSON: Incidental to the
8 construction?

9 MR. QUINTANILLA: Incidental or
10 to the whole 30-year process.

11 MS. WILSON: Well, the soils that
12 are incidental to construction -- again, if they
13 suspect -- and if -- they're under an
14 obligation that if they suspect there is some
15 contamination, then they go stage it, they
16 characterize one way or another. Soils that are
17 not incidental to the construction -- if they're
18 not distributing -- they're not digging up --
19 that they're not coming into contact with -- if
20 it was contaminated by Kelly, Kelly will be
21 responsible for remediating that -- cleaning it
22 up.

23 MS. PEACE: Mr. Rice?

24 MR. RICE: Parker --

25 MS. WILSON: I don't know how to

1 answer it any more clearly. Ask it again, I'll
2 try again.

3 MR. PEREZ: We want to know
4 what's going to be done with that dirt when it's
5 taken out of there, if it's going to be disposed
6 or thrown around -- or rain is going to wash it
7 around and take -- We know it's contaminated
8 already. We want to know how you're going to
9 handle it.

10 MR. QUINTANILLA: Well, the
11 Air Force knows it's contaminated. That's the
12 reason they're paying seven-point-something
13 million dollars -- because right in there where
14 they're trenching it, they know that's
15 contaminated.

16 MR. BEYER: There is a plan for
17 managing the soils. The City will have a plan
18 for managing the soils, to manage the dust, to
19 manage the -- all of the emissions -- of all the
20 soils --

21 MR. QUINTANILLA: That's
22 beautiful. But how about the cleanup?

23 MR. BEYER: And any of the
24 dirt -- And any of the dirty dirt or water
25 that's left in place -- the way the

1 contamination got there was by water. And, so,
2 that's how -- So, there's not really that much
3 contamination of the soil above the water table
4 except for that that's been smeared onto the
5 soil column by fluctuating water table levels
6 through time. So, the treatment of the
7 groundwater will be used also for treatment of
8 the soil for -- and during the remediation
9 off-site.

10 MR. QUINTANILLA: Now, when will
11 this treatment occur?

12 MR. BEYER: Kelly is putting
13 together plans -- Kelly is putting together
14 plans right now for -- you know --

15 MR. QUINTANILLA: Is that in the
16 permit?

17 MR. BEYER: The permit under
18 Compliance Plan Section V, A, the -- Performance
19 Standard 2 -- has beyond the facility boundary
20 where necessary to protect human health and the
21 environment shall be -- shall be cleaned up.

22 MS. PEACE: Armando --

23 MR. QUINTANILLA: One more
24 question, then I'm going to -- Is that for the
25 north Kelly area, the -- East Kelly or the

1 industrial area?

2 MR. BEYER: It's beyond the
3 facility boundary. All -- All --

4 MS. PEACE: All areas.

5 MR. QUINTANILLA: And that
6 wording is enough?

7 MS. PEACE: Okay. The reason I
8 was going to -- I think it might be more
9 appropriate to ask these questions at the next
10 meeting when Mr. German and, perhaps, somebody
11 from zoning also will be present so that they
12 can hear these questions, because I really think
13 that they should.

14 MR. QUINTANILLA: I agree.

15 MS. PEACE: First, Mr. Johnson,
16 then Mr. Rise, then Sandoval.

17 MR. JOHNSON: I had a question
18 for, perhaps, Parker or Gary. With the staging
19 of this particular soil, how long or is there a
20 time period in which they can remain in a
21 staging period? And if they are being staged,
22 are they going to be staged in the southeast
23 portion that's already built for soil? I guess
24 that would be a question -- a two-part
25 question -- the other one for Kelly.

1 MR. BEYER: And it has to be less
2 than 90 days, otherwise, they would be required
3 to get a storage permit.

4 MR. JOHNSON: So, by definition,
5 storage would be a 90-day period or beyond?

6 MR. BEYER: Or less.

7 MR. JOHNSON: Those are some of
8 the questions that I hear being asked.

9 And the second part of the question: Are
10 those going to be staged in the southeast
11 quadrant over there by the culvert area,
12 I guess? Is that the best place to actually
13 store these materials or where will they be
14 stored -- excuse me -- staged?

15 MR. RYAN: My name is
16 William Ryan. I'm with the Environmental
17 Restoration Division at Kelly Air Force Base.

18 We have a facility that we're constructing
19 where -- Building 545, which is the southernmost
20 tip of Kelly Air Force Base -- and that's our
21 proposed location for staging the soils,
22 characterizing them and ultimately shipping off
23 base to a disposal facility.

24 MR. JOHNSON: You say the most
25 southern --

1 MR. RIOJAS: Yeah. We have a
2 concrete pad over there, David -- a big concrete
3 pad that we're going to put this on.

4 MR. JOHNSON: That's the one
5 that's located out there by the culvert all the
6 way down --

7 MR. RIOJAS: That's right.

8 MR. JOHNSON: Okay. Thank you.

9 MS. PEACE: Mr. Rice?

10 MR. RICE: This question is for
11 Parker.

12 Parker, did you say earlier that the reason
13 that Kelly Air Force Base is paying for the
14 disposal of any hazardous materials that are
15 collected as the culvert is installed is because
16 they acknowledge that they're the cause of the
17 contamination? Is that what you said?

18 MS. WILSON: Not exactly. My
19 understanding is that they are assuming the
20 status of generator. When you have a hazardous
21 waste, you have to dispose of it properly or
22 treat it and you have to manifest it -- that is,
23 make some paperwork, send it along with the
24 stuff and have it sent off somewhere for
25 disposal or treatment. In order to do that, you

1 have to have someone who is called a generator
2 who assumes responsibility that -- you know, "I
3 created this. I did" -- "I did something that
4 made it subject to regulation," -- and, then,
5 sending it off -- And my understanding is that
6 Kelly is assuming the role of generator. That
7 does not necessarily mean it's an admission of,
8 "I caused it or created it, in the first
9 place."

10 MR. RICE: Thank you.

11 MR. WILSON: It may be that --
12 For instance, if you were to buy this property
13 that had contamination on it, you dug it up, you
14 would, then, have to do something about it even
15 though you didn't put it there.

16 MR. RICE: Okay. I think I see
17 the distinction.

18 MS. PEACE: For the record, that
19 was Parker Wilson and he's with the -- an
20 attorney with TNRCC.

21 Okay. Mr. Sandoval, you had a question?

22 MR. SANDOVAL: I just had a
23 few -- couple things.

24 I think this is a great opportunity for the
25 City and Kelly Air Force Base to actually do

1 some good with remediation and involving
2 different types of funding mechanisms. I think
3 the other alternative is not to do the drainage
4 project and I don't think anybody wants that.

5 But let me also say that I think there's a
6 lot of concern both from my perspective -- just
7 listening to this from the standpoint of, "What
8 are the limits of contamination? What are the
9 depths? What types of contaminants are we
10 talking about?" Those are some issues that I
11 think should be addressed in a separate
12 presentation, either by City of San Antonio
13 Public Works or by environmental individuals at
14 a next meeting.

15 A second issue I have that Mr. Quintanilla
16 has brought up is about long-term remediation in
17 respect to incidental remediation during the
18 construction. From my understanding, if you
19 have a limit of construction where -- whether it
20 be a 20-foot wide area, you're -- you may be
21 remediating that area by removing and excavating
22 and transporting, characterizing, disposing of
23 it properly. However, the areas adjacent to
24 that may be more contaminated or not even
25 identified yet and those are the issues that I

1 think -- once we do the project -- we -- we
2 set everything -- we've eliminated the suspect
3 areas within limits of construction, the chance
4 of the Air Force or someone coming back and
5 saying, "Well, we did a prudent activity trying
6 to remediate this amount of property. Let's try
7 to risk assess everything else away." So, I
8 think we need to talk about that real
9 specifically in a future meeting.

10 MS. PEACE: I agree. And that's
11 one thing that I would -- I mean, limit the
12 discussion tonight -- because I think it is
13 really appropriate that we get into these
14 discussions with certain parties here -- and
15 most specifically from the City since they're
16 joint in the project -- and, also, the questions
17 raised on this project are exactly the questions
18 that I was having the technical subcommittee
19 before -- I mean, this is just like opening up a
20 whole box of issues that will be coming every
21 time we have a construction over this area until
22 it's cleaned up. So, I think it's something
23 that I'd like to bring up at the next
24 meeting -- but this might be ongoing for a
25 while -- and get -- like, certainly somebody

1 from City Public Works and somebody from the
2 zoning department and, perhaps, the
3 City Attorney's office, as well -- and, then,
4 Parker Wilson from TNRCC. And, so -- I think
5 that this would be much more fruitful to
6 continue discussing this at a time when those
7 parties are present.

8 MR. QUINTANILLA: Can the
9 technical subcommittee look into some of these
10 things --

11 MS. PEACE: Sure.

12 MR. QUINTANILLA: -- whether
13 contaminants are there --

14 MR. HAGELTHORN: Again, I think
15 we have to look back at what Mr. Riojas said
16 earlier today, is that we have to be very
17 careful what we do. We need to separate this.
18 I think the board can have concern, but the
19 issue should be dealt with at the city level,
20 not at the Restoration Advisory Board level.

21 MS. PEACE: I agree. Because we
22 need the Air Force --

23 MR. HAGELTHORN: I'm not
24 disagreeing.

25 MR. QUINTANILLA: Mr. Hagelthorn,

1 I understand your position and you're doing a
2 great job. It's important that you -- the
3 public here is a part of the public affairs
4 unit, but I have a concern. We're going -- This
5 is part of the restoration of this particular
6 neighborhood that has been contaminated and
7 that's the reason I'm asking if the technical
8 review committee can look into this.

9 MR. SANDOVAL: I kind of agree,
10 because some of the funding is coming out of the
11 BRAC restoration project. So, there is some
12 involvement from DoD's perspective. It's not
13 truly just a city project.

14 Let me add one other thing, too, that I
15 think may help the whole project once the City
16 undertakes it -- is to hire an environmental
17 consultant to oversee the City of San Antonio's
18 project -- that may be a suitable way to
19 mitigate this whole process.

20 MS. PEACE: Yeah. I like that.

21 So, what I would like to suggest is -- it
22 seems pertinent -- is that there be a meeting of
23 the technical review committee before our next
24 RAB meeting so that you-all could maybe outline
25 the issues that need to be raised -- and I would

1 much time.

2 MS. PEACE: Is there any further
3 discussion?

4 Thank you very much, Ms. Mota.

5 MR. QUINTANILLA: Thank you very
6 much. We appreciate that and we hope that when
7 this thing starts, you will come by and advise
8 the different neighbor groups of this particular
9 type of thing.

10 MS. MOTA: Yes, sir. I'll be
11 more than happy to. We can have as many
12 meetings as are necessary to inform the
13 residents about this construction.

14 MR. QUINTANILLA: Thank you very
15 much.

16 MS. PEACE: Okay. Now, can we
17 have the next presentation or did you want to --

18 MR. RIOJAS: We have got -- We
19 have to be out here at 9:30. It's about
20 20 minutes to 9:00 right now. So, we've got
21 50 minutes.

22 Can you cover this in 50 minutes?

23 MS. PEACE: We're going on to the
24 shallow groundwater presentation.

25 MR. MCGHEE: Was there a

1 I'm very glad to see folks here. I want to
2 explain very quickly, though, that these RAB
3 meetings are -- theoretically, they're a meeting
4 of the people at these tables and they are a
5 meeting of people amongst them -- and there are
6 people who may wish to attend -- who were
7 invited to come and listen -- and there are also
8 points in time in the meeting where you're
9 asked, if you would care to, to come up and make
10 a comment or ask a question.

11 We've already given much of this
12 information to the RAB members. We gave them an
13 earlier version of this presentation, covering
14 the same information, but it was geared toward
15 them with the understanding that they're already
16 familiar with certain situations here,
17 understanding of certain terminology. Tonight,
18 however, we're going to be speaking to the
19 people outside the table -- those of you not on
20 the RAB who have come out here tonight in
21 response to either an interest -- or, perhaps,
22 you received one of the mail-outs we sent
23 recently to the neighborhoods. So, RAB members,
24 if you'll forgive us, we're going to be speaking
25 to the people behind you.

1 With that said, let me start off with some
2 background. First of all, the
3 Department of Defense and the Air Force --
4 there's Army, Navy, Air Force, Marines,
5 Coast Guard and so, forth -- have a duty and a
6 legal requirement to plan for and fund, via
7 Congress -- that is, we get our money from
8 Congress -- environmental programs. That's a
9 directive. That's not an option for us. We
10 must execute these programs. We must prepare
11 for them.

12 There's a bit of misunderstanding that,
13 perhaps, we do some of this voluntarily and
14 that, once Kelly Air Force Base closes, a lot of
15 those needs will go away. Well, that's not the
16 case. Because one of our most complex programs
17 is the restoration program and that's a program
18 that deals with past issues.

19 I like to think of environmental programs
20 as dealing with the past, present or future --
21 and, that is, there are certain programs that
22 deal with activities that occurred in the past
23 and how you rectify that, how you clean up what
24 happened in the past. Then, there's -- applying
25 with certain present-day requirements on how you

1 conduct your affairs, how you handle hazardous
2 materials, how you deal with hazardous waste.
3 Then, there are other programs that look to the
4 future -- look to avoid getting into future
5 situations that are going to be very expensive
6 or are going to impact human health and the
7 environment.

8 This is required and that's by Presidential
9 directive. We do not escape this when Kelly Air
10 Force Base closes. The year 2000, the year
11 3000, the year 4000, if there is a drum that
12 shows up on Kelly Air Force Base that says,
13 "Kelly Air Force Base" on it, we will be back,
14 as long as there's the United States
15 government. We do not walk away from Kelly Air
16 Force Base. I'm beating this into the ground,
17 but there's a misunderstanding that, once we
18 close the gates, that we escape -- and if we hid
19 everything before we get out of the gates, then,
20 boy, we got away with it. That's just not
21 true -- absolutely not true.

22 One last bullet, if you could go back. Hit
23 the arrow key. We aren't just encouraged to get
24 the word out about this cleanup program that's
25 dealing with past issues, we are, in fact,

1 directed -- we are required to get word out to
2 people that are sitting outside of the RAB and
3 also people that are on the RAB -- and there's
4 a -- there's a complicated process here to make
5 sure we get information to you so you know
6 what's happening in this cleanup program.

7 Next, please. Well, how do you do that?
8 How do you -- How do you relate this
9 information? Those of you, again, sitting
10 outside the -- I guess I'm not speaking loud
11 enough. Thank you.

12 Those of you sitting outside the table
13 here -- I'm sure you can appreciate this --
14 you've probably heard a lot of terminology here,
15 you've heard a lot of acronyms, you've heard a
16 lot of slang and a lot of technical jargon that
17 you probably don't understand. How do you
18 relate this information?

19 My father was the first in our family to
20 graduate from high school -- you know, my
21 grandfather didn't make it that far. My sister
22 was the first to go to college. And there are
23 various education levels out there in the
24 community. Some folks perhaps don't speak
25 English as a primary language. They may need

1 help in that area. There's a lot of barriers to
2 getting the word out.

3 So, how do we do that? Well, one way is we
4 try to, first of all, cover you with paper. We
5 send out mail-outs and we have pamphlets and
6 brochures and literature and stuff like that to
7 try to describe these processes and describe
8 what's going on at Kelly Air Force Base and
9 around Kelly Air Force Base with this cleanup
10 program. That's one way.

11 Another way is, all this documentation that
12 you may have heard these folks talking about --
13 believe me, it's extensive and it's also very
14 complex. We've set up repositories on base and
15 off base where people can go examine those
16 documents. Those documents are the record.
17 They are what occurred. They document the
18 decision process that goes on with regards to a
19 cleanup program and they stay there, I believe,
20 indefinitely -- that is, they'll be there long
21 after you and I are gone -- in these public
22 repositories.

23 Another way we try to get information out
24 is through poster sessions and InfoFairs. If
25 you were able to take advantage of our poster

1 session at 5:00 o'clock this afternoon here, we
2 had people available to walk and talk and try to
3 get you through some of these issues and help
4 you understand and answer any questions you
5 might have. That's one way.

6 Another way is this Restoration Advisory
7 Board -- this meeting you're at tonight. This
8 is an effort set up by Department of Defense.
9 The idea was: Is there a way that we can better
10 establish communication lines with the people
11 off base in both directions? So, we asked for a
12 group of volunteers. We asked for people that
13 live in neighborhoods -- preferably around
14 base -- to volunteer to be a spokesperson for
15 their community, but, also, to be a spokesperson
16 for the Air Force -- that is, to take the
17 information that they learn about the program,
18 take it out to their neighbors -- the guy across
19 the street, the guy next door and get the
20 information to them -- but, also, collect back
21 their thoughts, their impressions, their
22 questions -- get that information to us so that
23 there's input as direct as possible into this
24 process, so we can use that when we make our
25 decisions about how to clean up these sites.

1 Next, please. One of the things that we've
2 heard from his RAB Board is, "You're not getting
3 information out in a timely manner," and -- in
4 case you've forgotten, this is the United States
5 government, so there are things that take time.
6 There is also a process here that's required by
7 law that I mentioned. You must go through
8 certain steps -- one not before the other --
9 that is, you must go A, B, then C, then D --
10 that process does take time. So, that impacted
11 our ability to get the information out to you in
12 a timely manner -- but, also, there's probably
13 ways we can improve that.

14 So -- I'd like to switch gears here for a
15 second. We have this thing called the Base Wide
16 Remedial Assessment. There's a program where we
17 look at monitoring wells on base and off base
18 and we collect data and we do that over the
19 course of a year and we've been doing that for
20 several years. Well, at the end of the year, we
21 produce a report of what we found -- and, of
22 course, it takes some time to produce that
23 report. It must be critiqued. It must be
24 cleared of errors. It must not have typos in
25 it -- all those things -- and that takes some

1 time.

2 So, this report of information, typically,
3 would start at the beginning of the year, go
4 through the entire year -- collect that
5 information -- put it in a report, so it took
6 more than a year. Well, during this effort,
7 in 1997, we uncovered some information that we
8 thought would be of interest to people off
9 base -- that is, some of the -- some of the
10 contaminated groundwater that has gone off base
11 from Kelly Air Force Base, extends out further
12 than we thought it to be or we knew it to be --
13 and let me clarify what I mean by that. We
14 monitor wells off base that we sample for
15 certain contaminants that we -- we have every
16 reason to believe may have come from Kelly Air
17 Force Base. But if you look at these wells and
18 as you leave Kelly Air Force Base -- say, the
19 levels of these wells go 10, 5, 2 -- and that's
20 as far as you got with your wells -- and, so, we
21 get all this together -- all of our consultants
22 and regulators -- and we say, "Well, we think
23 the 1 level and the 0 level are right out
24 there." So, there's information that we know
25 and, then, there's information that we project.

1 So, this plume, we thought, only went a
2 certain distance off base, based on what we knew
3 and what we thought we knew. But this latest
4 round of sampling showed that, in fact, it goes
5 farther than that. So, that's information where
6 we said -- you know, "This is probably one of
7 the situations where people are going to
8 say, 'If you don't release that in a timely
9 manner, then you're not being straightforward
10 with the public.'" So, we made the decision at
11 the time to send out a package to the
12 community -- and if you live, basically,
13 anywhere with almost -- in almost a mile east of
14 Kelly Air Force Base and, then, slightly south
15 of that over to I-35 -- so, between Kelly
16 Air Force Base all the way over to Interstate 35
17 and down to where Interstate 35 cuts underneath
18 of Kelly Air Force Base and some areas slightly
19 northeast of Kelly Air Force Base, you got a
20 packet in the mail from us. That packet was
21 sent to every household within that mailing
22 region. If you've got a mailbox, you got a
23 packet within that region. That was about
24 14,000 addresses.

25 Now, we took a little bit of a gamble here,

1 because as you've sort of heard reference to
2 tonight -- and I'm not sure how well it may have
3 been articulated, but -- this process that I
4 mentioned, it says -- you try to go out and find
5 what's there, then you try to determine what are
6 your options in dealing with it, then you
7 propose one of those options as the preferred
8 option, then you actually decide what you're
9 going to do about it.

10 Well, this contaminated groundwater that
11 I'm describing -- it's at the point where we're
12 trying to find out how far it goes. We're
13 trying to find out how big it is. We still have
14 ahead of us the process of determining what are
15 the alternatives for dealing with it and
16 determining what we are going to do about it.

17 We're here to tell you that we don't have
18 those answers, yet, and there's a process that
19 must be gone through. It must involve several
20 parties. You can't skip it. It can't be
21 premature. If there is an emergency, you're
22 allowed to take emergency steps. But,
23 otherwise, you can't make a decision ahead of
24 time -- and that's -- that's part of your
25 hearing here -- is -- with regards to this

1 off-base contamination, there's not an answer
2 yet. That doesn't mean there can't be an
3 answer. That means the process must go through
4 to determine what is the answer for that.

5 So, we took a gamble. We wanted to get the
6 information out in a timely manner, but we knew
7 there might be questions raised. So, we tried
8 to very carefully prepare a package in English
9 and Spanish to try to accommodate as many folks
10 as we could, to introduce them to this program
11 and to explain what we found and, also, make
12 them aware that there's more information to
13 come. We also offered this meeting tonight to
14 make sure that everyone had an opportunity to
15 come out here and ask questions of us directly.

16 Next, please. To let you know who was
17 contacted in this effort -- Well, reaching --
18 reaching you folks in the community was our
19 primary concern. Again, 14,000 residences
20 within those areas -- that mail-out that has
21 been done -- that was several weeks ago. By the
22 way, if you're not from one of those areas that
23 received a mail-out, there are copies of the
24 mail-outs on the table -- if you can see where
25 I'm pointing -- back to that exit sign in that

1 corner -- there's a table through that door and
2 there are handouts on the table that are,
3 basically, the packets we mailed out -- in fact,
4 they are the packets that we mailed out.

5 We've also got this meeting right now in an
6 attempt to reach out to you and get you this
7 information and to let you know there are some
8 other parties to contact, as well. The RAB, the
9 folks at the table here, we brought them in and
10 said, "You're going to be hearing, hopefully,
11 from your neighbors, saying, 'I received a
12 packet in the mail. What does it mean?'" We
13 wanted to make sure that they had advance word
14 on that. So, we contacted them first and
15 brought them together for a meeting like this
16 and gave this presentation you're about to hear
17 from William Ryan.

18 Also, there are elected officials. If you
19 know how the world turns, you can't do a mass
20 mail-out to a -- to a Congressperson's or a
21 council person's or representative person's
22 neighborhood without giving them some advance
23 warning on that. So, we made sure that council
24 persons in that area were given the opportunity
25 to hear this information, as well. We did

1 actually get on the calendars with many of them
2 and gave them a presentation similar to the one
3 you're about to hear.

4 Also, regulatory agencies, of course,
5 were -- were definitely involved. So, we -- we
6 worked with the Environmental Protection Agency,
7 Region VI out of Dallas, which covers this area;
8 Texas Natural Resource Conservation
9 Commission -- their headquarters in Austin and
10 also their regional office here in
11 San Antonio -- and the San Antonio Metropolitan
12 Health District.

13 Finally, we also made the opportunity
14 available to media outlets. We sent out a press
15 release that basically summarizes the
16 information -- and the way this works is -- it's
17 up to them if they want to respond. Some of
18 them did. There were some news shows on TV --
19 6:00 o'clock at night, 9:00 o'clock at night.
20 There was an article in the paper -- headline
21 story. I think some of the radio stations may
22 have also picked up on it. So, we -- we -- we
23 hope we're doing the right thing. We're hoping
24 we're getting the word out there. But, again, I
25 want to let you know that there's still answers

1 to be found. There are questions that remain.

2 Next, please. That being said, I need to
3 introduce a few areas that William Ryan will be
4 talking about. In the military, there's an
5 expression. If you're going to give a
6 presentation to try to convey a message, first
7 you tell them what you're going to tell them,
8 then you tell them, then you tell them what you
9 told them -- and that, I think, works well
10 here. I'm going to talk about some of the
11 things that William is going to tell you about..
12 I'm going to set the stage here. Bear with
13 me -- just this one slide, I think -- maybe a
14 slide and a half.

15 He's going to talk about Zone 4. He's
16 going to show you a map that says what Zone 4
17 is. Well, Zone 4 is nothing -- this area --
18 it's just an area and it is the area that is
19 East Kelly Annex. If you're familiar with --
20 There's main Kelly Air Force Base and, then,
21 there's an East Kelly Annex. Zone 4 is the
22 East Kelly Annex -- and that's just a
23 convenience for us to manage how we tackle these
24 programs and issues within Zone 4.

25 Groundwater -- that's a little more

1 complicated -- and probably in later -- most
2 recent years, you've probably learned more about
3 groundwater than you ever knew in all the years
4 preceding that.

5 First of all, there's -- groundwater is
6 basically -- it's really rain water that got
7 into the ground, in so many words. It's
8 contained there in different formations; porous
9 stone or gravels that are underground. But it's
10 not quite that simple. There are different
11 types of groundwater. They behave differently
12 and need to be treated differently. In
13 San Antonio -- particularly on the south around
14 Kelly Air Force Base -- there are two aquifers.
15 There's the shallow aquifer which doesn't really
16 have a convenient name. It's just the shallow
17 groundwater aquifer. And, then, there's the
18 deep aquifer which you know as the
19 Edwards Aquifer. Well, probably everyone in
20 this room, I'm guessing, gets their drinking
21 water from the Edwards Aquifer. It may be that
22 some of you are on private well systems that may
23 be from the shallow groundwater -- and as part
24 of our mail-out package, we've asked you to
25 notify us if that is the case. If you have a

1 shallow well that -- actually, if you have any
2 well -- we didn't -- we didn't try to
3 complicate it -- if you have any well that
4 you're getting drinking water out of that you
5 own or your -- perhaps the landlord owns or the
6 guy down the street owns -- whatever -- if
7 you're not getting your water from the City,
8 we'd like to hear from you -- because we'd like
9 to come out and make sure that you're not using
10 the shallow aquifer for drinking water
11 purposes.

12 I'm getting off track here a little bit.
13 The Edwards Aquifer, again, is a deep aquifer.
14 We're fortunate here that between the shallow
15 aquifer and the deep aquifer there is an
16 extensive formation that I can't do justice to,
17 but it's basically a whole lot of clay and a
18 whole lot of rock and it makes it very, very,
19 very difficult for anything in the shallow
20 aquifer to get down to the Edwards Aquifer --
21 and part of that is -- just by the fact that
22 there is shallow groundwater. If there was
23 any -- any way for shallow groundwater to get
24 down to the Edwards, it would -- it would do
25 so. That's important because the shallow

1 groundwater is contaminated and it's
2 contaminated by Kelly Air Force Base, as well as
3 many other areas.

4 Now -- Let's be careful. I'm not trying to
5 divert here. I'm trying to make you aware of
6 the situation. Anything that you've ever dumped
7 on the ground or your father ever dumped on the
8 ground, your grandfather ever dumped on the
9 ground is, to some extent, in that shallow
10 aquifer if you live in San Antonio. If you've
11 heard the term "Recharge Zone" -- you see the
12 signs on the north side of town where it says,
13 "Edwards Aquifer Recharge Zone." What they're
14 saying there is, basically, anything you dump on
15 the ground out there might end up in the
16 Edwards Aquifer. That's because it rises to the
17 surface on the north side of town.

18 For the shallow groundwater, basically,
19 everywhere is the recharge zone. Anything that
20 is spilled on the ground, dumped on the ground,
21 may have leaked on the ground, has a potential
22 to leak into the shallow groundwater. So, it's
23 a great concern to us if you are, in fact,
24 getting your drinking water from the shallow
25 aquifer. There's a potential for there to be

1 many contaminants there, other than the ones
2 even we're going to talk about tonight.

3 Another phrase that we will probably use is
4 dense nonaqueous phase liquids and -- we need to
5 write a song about that to make it more catchy
6 and more memorable -- for right now, I'm hoping
7 you can stand it when we say dense nonaqueous
8 phase liquids. What we're saying there is,
9 first of all, it's a liquid. It's a chemical.
10 It doesn't mix well with water. That's the
11 nonaqueous phase part. In fact, it may entirely
12 not mix with water. It's also dense. That
13 means it's heavy. So, it's a liquid, it doesn't
14 mix with water and it's heavy. So, what does it
15 do? It sinks when it hits water -- sinks to the
16 bottom of the water.

17 Solvents like we've used on Kelly Air Force
18 Base and are used elsewhere -- TCE and PCE are
19 two that you will hear tonight. There are a
20 couple others you will hear tonight. Those
21 solvents behave as dense nonaqueous phase
22 liquids. When they hit the water, they sink in
23 the water. A good analogy for me is -- I think
24 of -- even though sugar is not a liquid and I
25 said we're talking about liquids here -- and I

1 was talking to William about this -- maybe I put
2 too much sugar in my iced tea, but what happens
3 to me is -- you put the sugar in the iced tea
4 and it falls to the bottom and you stir it up
5 and it falls back to the bottom. If you leave
6 it there, eventually, it will dissolve out into
7 the iced tea. That's sort of the way these
8 dense nonaqueous phase liquids behave.

9 If this room were a huge glass of iced tea
10 and you poured sugar in it, the sugar would sink
11 to the bottom -- and chances are it's -- when
12 we're talking about the shallow aquifer as the
13 analogy for the iced tea, it's not smooth on the
14 bottom. It's rough. It has holes. It has
15 craters. It moves like this -- back and forth.
16 So, that sugar will settle out in various
17 spots.

18 I'm not going to -- I'm not going to go too
19 far into this. But what I'm getting at is:
20 It's difficult to get that sugar out of the iced
21 tea. It has to be treated in two ways. One is,
22 there's the pockets of sugar or the chemicals
23 we're talking about that have settled in the
24 various holes. You could get them all out of
25 there if you could stick a whole bunch of straws

1 out there and find every one of those pockets
2 and suck that sugar or that chemical out of
3 there. That's one problem. The other problem
4 is the part that slowly dissolved out into --
5 into the iced tea. How do you get rid of that?
6 Well, one thing you can do is you can suck out
7 all the iced tea. But that would involve, in
8 this -- this case, sucking out all the shallow
9 groundwater to reach all of that product. So,
10 you can see, there are some challenges there
11 ahead of us. That's why I say that there are
12 questions that we don't have answers to just
13 yet.

14 Another phrase you'll hear is parts per
15 billion. Parts per billion -- There's also
16 parts per million and there's parts per
17 trillion. What they're saying there -- and
18 that's a concentration of how much of one thing
19 is contained within a larger area of another
20 thing. If you have one part of a chemical
21 within a billion parts of water, that's a way to
22 measure what's the concentrations here.

23 I tried to come up with some examples. One
24 that we use pretty regularly is -- We use the
25 term "Olympic size swimming pool," but I'm not

1 sure if any -- anyone here has a real idea of
2 what an Olympic -- I don't know what an Olympic
3 size swimming pool is. I know it's big. Let's
4 say one of the City's swimming pools. One drop
5 of water in that pool -- that's -- we're
6 starting to talk about one part per billion
7 now.

8 Something that's easier for me that may not
9 be for you is -- you ever see those gasoline
10 trucks driving down the road that have -- you
11 know, Exxon on the side or whatever -- that's
12 about 10,000 gallons. To get to a billion
13 gallons, you would need 100,000 of those
14 trucks. So, to get one part per billion of
15 something in that analogy, would be one gallon
16 within 100,000 trucks of that -- just to give
17 you some sense of what we're talking about --
18 and I hope this gives you some -- five parts per
19 billion would be 5 gallons within those 100,000
20 trucks. But just to bring it all home, we're
21 going to be using terms like five parts per
22 billion of TCE and PCE. That's five parts of
23 that chemical within every billion parts of --
24 in this case, water.

25 Next, please. That set the stage, I hope,

1 for what William is going to present. Let me go
2 back and summarize some important points here.
3 Priority one, tonight, is to get the word out
4 and do it in a timely manner. That's why we're
5 going through this. Again, there are questions
6 that remain. There are answers to be found.
7 This is not the report for Zone 4. What I mean
8 by that is, typically, there's a summary --
9 again, you collect this information, you analyze
10 it, you decide what you're going to do with it
11 and a report is generated. This is not that
12 report. We're not there yet. That's why I say
13 that this is a bit premature in some ways -- an
14 assessment of what to do -- that is, what
15 remains -- that's still ahead of us -- and this
16 RAB, I suspect, will be heavily involved in
17 helping us assess what needs to be done,
18 providing the input from you on what you think
19 needs to be done. This is, instead, an update
20 on the Base Wide Remedial Assessment report,
21 which William will give tonight -- and that's
22 it. I'll turn it over to William.

23 MR. RYAN: Thank you, Mike.

24 My name is William Ryan and I am the
25 Restoration Chief and the Environmental

1 Management Director at Kelly Air Force Base --
2 and before I go into the technical presentation,
3 I'd like to just give you an overview -- a very
4 general -- brief overview of the Kelly Air Force
5 Base restoration program.

6 Zone 1, which is -- we -- we -- for the
7 purpose of restoration or environmental cleanup,
8 we've divided the base into five zones; Zone 1,
9 which is -- the arrow pointing to Zone 1 is
10 where, currently, our golf course is located --
11 and the restoration activities that we have
12 ongoing in Zone 1 primarily deal with the
13 closure of former or inactive landfills and,
14 also, the groundwater contamination associated
15 with those units.

16 The next zone -- Zone 2 -- which is to the
17 south of Southwest Military as you -- as it
18 passes across the base -- is the location of jet
19 engine test cells, the industrial wastewater
20 treatment plant -- and, as someone mentioned
21 earlier, it's the location of our soil storage
22 facility for the Quintana Road project.

23 In Zone 3 -- which is the heart of the
24 industrial complex at Kelly Air Force Base --
25 and those maintenance activities are still

1 ongoing today -- we're dealing with groundwater
2 contamination and soil contamination that has
3 resulted from past activities from engine
4 maintenance and aircraft maintenance,
5 metal plating, underground storage tanks,
6 et cetera.

7 Zone 4 -- which is the primary area we'll
8 be talking about today -- is the equivalent to
9 East Kelly, as Mike pointed out earlier.
10 This -- Early in Kelly's development, this was
11 also a sight of engine maintenance facilities --
12 and we are -- we're addressing the groundwater
13 contamination as a result of those activities
14 today.

15 And, finally, Zone 5 is everything else.
16 It's the flightline, the reserve units, the
17 guard units, warehouse areas, administrative
18 areas -- and, primarily, in Zone 5 we're --
19 we're dealing -- in the restoration program --
20 dealing with fuel spills and a couple of waste
21 storage sites.

22 Next slide, please. Oh -- and, finally,
23 the area that we're going to be concentrating on
24 today is shaded. It's Zone 4 area. The eastern
25 portion of Zone 3 and off-base vicinity.

1 Next slide. So, tonight, I'd like to give
2 a brief presentation of the status of
3 groundwater investigation in Zone 4. I'll
4 present the results of our recent groundwater
5 sampling, discuss the on-base sources of
6 contamination and also discuss some of our
7 ongoing interim actions to -- interim response
8 actions -- to address sources and containment
9 of contaminated groundwater -- and, finally,
10 discuss briefly our framework for future
11 activities.

12 Next slide. As Mike mentioned, during the
13 1997 Basewide Remedial Assessment, we sampled
14 over 500 wells on base and off base. Those
15 wells included the zone wells in Zone 4 or
16 East Kelly and also wells off base -- Zone 4.
17 In these wells, we -- speaking of the off-base
18 Zone 4 wells -- we discovered chemicals of
19 concern -- PCE, TCE, DCE and -- and VC -- or
20 vinyl -- vinyl chloride. This assessment
21 extended our investigation up to 5,000 feet
22 southeast of the southeast boundary of Zone 4,
23 meaning the furthest off base that we've ever
24 been -- where we've ever installed a well -- a
25 sampled well -- and had contamination found in

1 the well.

2 Those chemicals -- PCE -- primarily PCE
3 and TCE -- are chemicals that have been used and
4 are used at Kelly Air Force Base -- and, as Mike
5 mentioned, also, these are common chemicals in
6 commercial and other industrial activities. DCE
7 and vinyl chloride are degradation products or
8 breakdown products of PCE and TCE and the
9 presence of these chemicals -- DCE and VC --
10 vinyl chloride -- tend to suggest that we have
11 some degradation going on in the environment.

12 The maps that I'm going to present tonight
13 will show that in some areas we've been able to
14 identify the extent of contamination. However,
15 in other areas, we've not been able to identify
16 the extent of contamination -- and that's where
17 the next step -- or our work lies in front of
18 us. We do know, though, that contamination does
19 extend approximately 5,000 feet off of southeast
20 East Kelly. This data also suggests that there
21 is some possibility of off-base sources.

22 Next slide, please. On Kelly Air Force
23 Base, there are two sources of groundwater
24 contamination resulting in off-base
25 contamination in the area of discussion

1 tonight. Site MP, which is the -- which is an
2 area of metal plating shops -- formerly active
3 metaling plating shops -- these -- the history
4 of site MP, which is located in Zone 3 on the
5 eastern border of Zone 3 on main Kelly --
6 historically, site MP was operated as a vehicle
7 operation and maintenance facility from 1930 to
8 approximately 1950. In the '50s, it was
9 converted to a metal plating facility where
10 solvents and degreasers like TCE and PCE were
11 used for parts cleaning. The facility was
12 dismantled in 1981 and the site and the
13 residue -- residual contamination from the
14 activities at site MP -- are now under a parking
15 lot, which is adjacent to Building 171 on main
16 Kelly Air Force Base.

17 On East Kelly, the source is an abandoned
18 industrial waste collection system line or a
19 wastewater collection line. As I mentioned
20 earlier, East Kelly was the former location of
21 engine maintenance facilities. In the
22 '40s through the '70s, engine maintenance
23 activities were conducted on East Kelly.
24 Wastewater generated from those facilities were
25 conveyed through an industrial wastewater

1 collection line to an industrial wastewater
2 treatment plant located on main Kelly Air Force
3 Base. When the engine maintenance activities
4 were moved to main Kelly, that industrial waste
5 collection system became inactive and was
6 abandoned. However, we suspect that the source
7 of groundwater contamination resulted from leaks
8 in that industrial waste collection system.

9 Next slide, please. The next four slides
10 after this will present -- I'll present maps
11 showing the extent and concentrations of
12 chemicals in the shallow groundwater. But
13 before we move to that, I'd like to show -- I
14 guess just to reemphasize what the shallow
15 aquifer is -- what we're talking about. The
16 shallow aquifer is a thin layer of soil that is
17 saturated with water. It begins about 20 feet
18 below the ground surface and is about 20 feet
19 thick. So, you'll see -- This graphic
20 presentation is a house -- about 20 feet of,
21 essentially, unsaturated soils -- or dry
22 soils -- brown clay and some brown sandy
23 clay -- and, then, the layer -- about 20 feet
24 thick -- of a gravelly clay which bears the water
25 that we're calling the shallow aquifer. The

1 shallow aquifer is separated from the Edwards
2 formation by approximately 800 feet of the
3 Navarro clay, which, as Mike said, is a very
4 dense, thick clay rock unit.

5 Next slide. Just so we get oriented again,
6 this is a blown-up version or a larger picture
7 of the eastern portion of Zone 3 and Zone 4 or
8 East Kelly. This is East Kelly which is the
9 primary focus of discussion -- and just so you
10 get oriented again, I'd like to point out a
11 couple of major roads. There's New Laredo
12 Highway. There's Somerset road, Southwest
13 Military and Quintana Road. When we talk about
14 the shallow aquifer and we talk about movement
15 of groundwater within that shallow aquifer -- in
16 this -- in this area of the shallow aquifer in
17 the vicinity of East Kelly, groundwater flow
18 moves very slowly from northeast -- northwest to
19 southeast or from the upper left-hand corner of
20 the screen to the lower right-hand corner of the
21 screen.

22 Typically, we find chemicals of concern in
23 concentrations highest at the source areas.
24 That would be site MP and the IWCS located on
25 northwest East Kelly. The blue shade

1 indicates -- and this is -- this -- this is
2 applicable to all the slides that will follow --
3 all -- the next four slides -- three slides that
4 will follow -- the blue shaded area indicates
5 those areas where the chemical concentrations
6 exceed the standard set in the Safe Drinking
7 Water Act for drinking water uses. For this
8 particular chemical, TCE, the MCL is -- the
9 standard set is five parts per billion. The
10 blue area exceeds that five parts per billion.
11 However, there are some areas in -- outside of
12 that blue area where we have wells -- and we've
13 actually taken samples of the shallow
14 groundwater -- that are less than or meet those
15 standards of five parts per billion of that
16 standard set by the Safe Drinking Water Act.

17 And, then, there are other areas where we
18 don't have data. We're -- We are -- We've gone
19 to the extent of our well network and we've
20 drawn the line of known concentration, but we
21 don't know how far out to go to -- we don't have
22 data to -- of water quality any further down
23 gradient or to the east and southeast. Those
24 are our next steps.

25 This slide -- The same information is -- is

1 pertinent. The blue areas represent above
2 MCLs. There are some areas that are below MCLs
3 and there's little areas that we don't know what
4 the concentrations of the various constituents
5 are. This is PCE, which is primarily a source
6 from site MP, not so much from the IWCS on
7 East Kelly. The cleanup standard for site MP
8 is -- I mean, for PCE -- is also five parts per
9 billion.

10 Next slide, please. DCE. As I mentioned
11 earlier, DCE is a degradation product of TCE.
12 There's -- This is the extent of DCE. It
13 also -- It's not -- I shouldn't say that. It is
14 not a chemical that is used at Kelly Air Force
15 Base. It is a -- It is a by-product or a
16 degradation product of TCE in the shallow
17 groundwater. There is a standard for drinking
18 water for DCE -- and that's 70 parts per
19 billion -- and the blue here outlines those
20 areas where the shallow groundwater exceeds
21 those standards.

22 Next slide. Vinyl chloride, also a
23 degradation product, is found in the shallow
24 aquifer primarily near the source areas. As the
25 parent products degrade, they degrade from

1 PCE, TCE to DCE in vinyl chloride -- and this is
2 one of the -- not the last, but one of the last
3 degradation products -- and they're centered
4 primarily around source areas -- and, also,
5 there's a couple sites -- or one site -- to
6 the south of East Kelly.

7 Next slide, please. So, what are we --
8 what are we doing about this? We do have some
9 interim actions. We've divided our approach
10 into two -- two methods. The first is source
11 control. What we want to do is target -- We
12 want you to eliminate the contaminant
13 contribution to the shallow aquifer from site MP
14 and IWCS. At site -- and, then, the second
15 approach is to contain, at the base boundary,
16 the migration of contaminated groundwater into
17 the community.

18 At site MP for source control, we're
19 currently doing some investigations that help us
20 identify and select a remedy. We propose to
21 have a remedy selected in the summer of 1998 and
22 begin construction in the late summer of 1998.
23 For the IWCS source, similarly, we have some
24 additional fieldwork to do, but we're in the
25 process of -- of doing that -- collecting the

1 data so we can select the appropriate most
2 effective remedy and we should be ready for a
3 remedy selection in March or so -- or spring of
4 1998. We'll design that selective remedy and
5 begin construction in the fall of 1998.

6 Our second efforts involve containment.
7 First, at site MP where we are proposing to
8 block off the migration of contamination from
9 site MP into the community between main Kelly
10 and East Kelly and, then, across to East Kelly.
11 We plan to capture that as it enters or migrates
12 past East Kelly -- along the western boundary of
13 East Kelly -- and, then, again, along the
14 southern boundary of East Kelly -- and, then,
15 the southeastern boundary of East Kelly -- and,
16 finally, along the eastern boundary of
17 East Kelly.

18 We're proposing to collect this groundwater
19 and convey it to a groundwater treatment plant,
20 which -- we will process that water and make it
21 suitable to discharge through a permanent
22 outfall -- MPDS outfall -- and, hopefully,
23 capture all the groundwater that would move past
24 the base boundary. These projects -- I should
25 say these containment projects -- are part of

1 the focus feasibility study that Camille
2 mentioned earlier. Those draft studies will be
3 out for review to the State and EPA and to the
4 RAB -- and we were trying a very tight time
5 frame. As everyone can image, we want to get
6 these things in as quickly as possible. So,
7 we're hoping to be able to select a remedy in
8 December, do a design on these containment
9 systems -- probably about six months or so --
10 and, then, award a construction project in the
11 fall or so of 1998.

12 Next slide, please. So, our next steps:
13 There's areas that we need to still do some
14 investigation -- primarily, off-base Zone 4. We
15 need to identify the extent of contamination.
16 We don't know that. That information helps us
17 in our remedy selection. So, we are in the
18 process of awarding the contract for that
19 investigation. We're going to install about
20 40 or so wells off base in Zone 4, collect that
21 data, interpret that data, plot maps that
22 represent the results of that data and we should
23 have a report of findings in the
24 August-to-September '98 time frame.

25 The next thing -- The other thing that

1 we're doing, which we -- we've kind of already
2 started -- through the notification process --
3 to the 14,000 residents. Well, we're getting
4 that information back in. We're getting some --
5 We've received some postcards from some of the
6 recipients. We've scheduled interviews and site
7 visits with some of the recipients and we think
8 we actually have also gone out and done some
9 site visits.

10 In addition to the information that we
11 gather from the public, we will do our own
12 independent research from various sources,
13 collect that information, sample wells --
14 shallow wells as necessary -- and compile all
15 that in a report of findings and we should be
16 finished with that in the May-June time frame.

17 I believe that's -- that's it -- and if
18 there's -- I guess we can take questions at this
19 time.

20 MR. QUINTANILLA: Were you going
21 to capture that water at East Kelly? Where are
22 you going to dump it? The Leon Creek or the
23 Six Mile Creek?

24 MR. RYAN: Six Mile Creek.

25 Yes, sir?

1 MR. RICE: This is a question for
2 Mike. There's a new term to me -- "Cleanup
3 program." Could you -- Is that a synonym for
4 the IRP.

5 MR. MCGHEE: Thank you. I forgot
6 to mention that. There is a -- and I meant to.
7 There's a -- It's the same program, but there's
8 been, unfortunately, different names for it --
9 and that's because Congress and DoD want to
10 emphasize what the priority should be.

11 First, it was the installation restoration
12 program. Well, that didn't sound very
13 proactive. Then, it was just kind of shortened
14 to the restoration program. And, then, they
15 said, "Well, we want you to remember that you're
16 here to clean up. Let's call it that cleanup
17 program." It's the same program. It's just
18 been given a new name.

19 MR. RICE: I have a question for
20 William. You said that some of the data
21 indicates possible off-base sources. Could you
22 give a couple of examples of what you mean?

23 MR. RYAN: I think Mike made the
24 point earlier that we're not trying to point
25 fingers. We're not making any accusations.

1 We're just looking at the data -- and this is
2 preliminary -- it's just data that we've
3 collected -- and when you plot it on a map or
4 you look at some of the trends that -- that --
5 one more -- you know, you want to -- it makes
6 you think and step back and ponder where could
7 these constituents come from.

8 If you remember, Mr. Rice, I indicated that
9 groundwater flow direction was from the
10 northwest to southeast. There are wells that we
11 have installed in areas there north of
12 East Kelly that are -- seem to be isolated
13 from -- from the plume that -- that we've
14 determined off of East Kelly. Also, there's
15 some isolation in -- south of East Kelly and --
16 southeast of East Kelly. Those are just general
17 areas that we'll probably go and take a harder
18 look at.

19 MS. PEACE: Do we have any
20 questions from the audience?

21 MR. MCGHEE: The question was:
22 Can there be questions from the audience? And
23 you bet. Sure.

24 Now, there are two microphones. Hopefully,
25 if you would -- if you can bear with us and

1 use -- there's a microphone back there. There's
2 one over there. There's also this one right
3 here if you want to come up here.

4 MS. PEACE: I hope the RAB
5 members don't mind if -- since he said the
6 presentation was for the lay people.

7 MS. HUERTA: If I can ask a
8 question. When you give out these charts for
9 public display -- Can you hear me okay?

10 MR. MCGHEE: Yes. Can we -- and
11 I'm sorry. I forgot to mention. If you could,
12 please state your name and --

13 MS. HUERTA: Sure. My name is
14 Tanya Huerta.

15 When you give out these charts for public
16 display, I think there should be a reference on
17 there -- like the EPA allowable recommended
18 measurement for these chemicals, whether it be
19 drinking water or for public safety. That's not
20 on the charts that are displayed here or on this
21 chart and I just think there needs to be
22 reference to that.

23 And my concern is that you just stated that
24 you measured out 5,000 feet from the southeast
25 corner of Kelly. Is that -- Okay.

1 Okay. Did I understand you to say that the
2 most you went out was 5,000 feet? No. Because
3 Lenard and Southcross is further, right?

4 MR. RYAN: 5,000 feet from this
5 point to this point. I mean, I'm just -- a very
6 rough number and that --

7 MS. HUERTA: That's a real rough
8 number.

9 MR. MCGHEE: But the idea was to
10 let you know about how far to the east or to the
11 south -- the maximum distance it went off
12 Air Force property -- and we have no -- no -- no
13 problem with making sure that's a correct
14 number, but that's -- I mean, we've been using
15 it.

16 MS. HUERTA: Okay. Because I --
17 you know, I drove Southcross today from Lenard
18 and that's quite a distance. I think it's more
19 than 5,000 feet.

20 And my concern is that when you talk about
21 the TCE, that it's ten times more than what's
22 recommended by the EPA and -- you know, those
23 are pretty impressive numbers -- and, you know,
24 it would be nice if that was written on here
25 what was -- your reference was on the data that

1 you put out.

2 Thank you.

3 MR. MCGHEE: Thank you.

4 MS. PEACE: Do we have any other
5 questions from the audience?

6 MR. QUINTANILLA: Will this
7 briefing be made available -- copies to the RAB
8 members -- the briefing that you-all just had?
9 Will we get copies of it?

10 MR. MCGHEE: Okay.

11 MR. JOHNSON: I had a question
12 there -- and, perhaps, I wasn't listening. I
13 was trying to catch up on some information
14 here.

15 Did you identify the methodology of the
16 treatment used for this particular area before
17 you dump it back into Six Mile Creek?

18 MR. RYAN: The methodology of --

19 MR. JOHNSON: How is it going to
20 be treated? What method is it going to be
21 treated by?

22 MR. RYAN: Oh, that will be part
23 of the feasibility study. But we're looking at
24 either a UVI system or an air stripping unit.
25 It -- If that helps any. We -- It's -- I'm

1 sorry.

2 MR. QUINTANILLA: Does that mean
3 that you're going to build a UVI facility or
4 air stripping system there on East Kelly to
5 withdraw the water -- UVI -- and, then, dump
6 it into Six Mile Creek?

7 MR. RYAN: Yes -- Yes, that is
8 the plan -- to construct a treatment facility on
9 East Kelly that would --

10 MR. RIOJAS: Armando, it would be
11 too far to transport that back into -- to be a
12 pipeline.

13 MR. QUINTANILLA: I understand
14 that.

15 MR. RIOJAS: So, we're going to
16 try to put the treatment facility on site to
17 treat it -- and, then, you just -- supposedly,
18 the clean water is going to be dumped into
19 Six Mile -- yeah -- or another outfall.

20 MR. QUINTANILLA: I know. But
21 you-all are dumping it right now into
22 Leon Creek -- the one that you're drawing from
23 the --

24 MR. RIOJAS: The one from the
25 industrial waste treatment plant goes there.

1 MR. MCGHEE: Actually, we use
2 it -- as much of that as we can to water the
3 golf course. We reuse the water.

4 MR. RYAN: Yes, sir?

5 MR. RICE: On your plans for
6 future work, do you intend to install monitoring
7 wells south of Military Drive? And, if so,
8 could you give me your rough -- Do you have a
9 rough idea of where they would be?

10 MR. RYAN: We do have a rough
11 idea. Mike's going to go back to a map so we
12 can point -- Essentially, we'll be looking at a
13 set of lines from the eastern boundary of
14 East Kelly -- directly east -- also, southeast
15 from the southeast boundary of East Kelly --
16 and, then, I believe from the southern boundary
17 of East Kelly in this direction.

18 MR. RICE: And some of those
19 would be south of Military Drive, you said?
20 That was my question. Are you going south of
21 Military Drive?

22 MR. RYAN: Yes.

23 MR. MCGHEE: We'll go as far as
24 we need.

25 MR. RYAN: Yeah. We're going to

1 go -- Exactly. We're going to go as far as we
2 need to go.

3 MR. SANDOVAL: William, I have a
4 couple of questions.

5 If you overlay the PCE, DCE, vinyl chloride
6 plume map altogether, would you see a
7 commingling of plumes or a definite delineation
8 from one to another -- from the parent to the
9 daughter chemical showing some type of natural
10 attenuation happening?

11 MR. RYAN: I haven't overlaid
12 these, but -- I mean, I can just -- I can sort
13 of just look at them -- I think you probably
14 can, too -- and you can see that there is a
15 commingling of PCE and TCE, but the degradation
16 products of PCE -- I mean, DCE -- fairly -- fits
17 fairly well within the -- the outline of TCE and
18 PCE. Vinyl chloride is not well distributed, so
19 there's really not a whole lot to make in the
20 conclusions. We also have some data on ethene
21 and ethane -- the next step in the breakdown
22 product -- and that's showing up in some of the
23 wells near the source also. So, we're seeing
24 the anaerobic degradation chain, we believe.

25 MS. PEACE: We have another

1 question from the audience.

2 MR. PERALES: I'd like to ask if
3 you-all are going to do any testing on the
4 southernmost part of Kelly Air Force Base where
5 the holding -- where you're planning to hold the
6 soil from the -- King and McLaughlin Street --
7 you know, the area that's got the test cells --
8 and, then, a little bit east of there --
9 southeast of there.

10 MR. RYAN: If we can go back to
11 the base map -- We could get -- I guess -- What
12 are you -- What kind of testing were you
13 referring to?

14 MR. PERALES: Well, there's --
15 you know, you've had a lot of different
16 contaminants that have been held over in that
17 area up on top of a cement slab, but before the
18 cement slab, they held that stuff there, also.

19 MR. RYAN: That's kind of a
20 little different subject, but in Zone 2 -- which
21 is that area that -- we've also done extensive
22 soil surveys -- groundwater surveys -- we have
23 some interim remedial systems in place there --
24 and, so, we've already done a lot of testing and
25 have some interim remedies in place -- and,

1 also, plans for some final remedies, also, to
2 address soils and groundwater.

3 MR. PERALES: Well, I just worry
4 about the shallow wells in the -- south of there
5 and southeast of that area where there are lots
6 of farmers over in that area and -- that may
7 still be on shallow wells. One in particular is
8 my well.

9 MR. RYAN: May I ask your name?

10 MR. PERALES: Yes.

11 Felix Perales.

12 MR. RYAN: That's just for the
13 record.

14 MR. PERALES: Okay.

15 MR. RYAN: I guess I would have
16 to see, you know, where your well is and -- Feel
17 free to give us a call. We can talk to you.
18 This Zone 2 area, though -- I guess if you're
19 concerned about migration of contamination to
20 the southeast from Zone 2 -- actually, the flow
21 direction of the shallow groundwater in Zone 2
22 is really towards the southwest -- it's just the
23 hydraulic changes in the flow pattern in the
24 shallow aquifer towards --

25 MR. PERALES: Toward Leon Creek.

1 MR. RYAN: -- toward Leon Creek,
2 right -- that's one of the controls.

3 MR. PERALES: And the
4 contaminants in the creek, also, is that
5 something you-all will be checking into before
6 you end this project?

7 MR. RYAN: Oh, certainly. We
8 monitor Leon Creek as part of this Base Wide
9 Remedial Assessment annual -- for several years
10 now, yes.

11 MR. QUINTANILLA: Could you-all
12 contact Mr. Perales -- find out where his well
13 is, so that we can get it checked, please?

14 MR. PERALES: Yes. I've already
15 contacted Mr. Sanchez and he's going to have
16 someone sent over there tomorrow.

17 MR. RYAN: Great. Thank you.

18 MS. PEACE: Do you think it would
19 be helpful if we had, like, one meeting in your
20 neighborhood?

21 MR. HAGELTHORN: We can't hear
22 you.

23 MS. PEACE: I was just asking if
24 he thought it would be helpful if we actually
25 had -- you know, how we move the meetings

1 around -- if we had a meeting in that area.

2 MR. PERALES: Well, it's just up
3 to you-all -- you know, you'd have to send out
4 the mail -- just like you-all did over this
5 other area -- but if you could go kind of
6 southwest, it would be helpful, I think, to let
7 more of the neighborhoods know --

8 MS. PEACE: I think it varies
9 where we go. So --

10 MR. PERALES: Sure.

11 MS. PEACE: Okay.

12 MR. PERALES: Thank you.

13 MS. PEACE: Thank you.

14 MR. JOHNSON: I had a question
15 going back to George's, as far as the wells
16 south of Military Drive. Is that going to
17 actually be well casings or is that going to
18 be -- south of Military Drive -- a punch-type
19 technology system?

20 MR. RYAN: Right now, our plans
21 are to put some shallow borings in and use the
22 screen -- just screen the water that comes up
23 from the aquifer to just get an idea of
24 whether -- "yes" or "no." Is it present? Is it
25 not present? If it's present, then we move

1 further down grade. Is it present? Is it not
2 present? If we finally get a clean analysis,
3 we'll sink a well that has casing and screening
4 intervals and the whole --

5 MR. JOHNSON: Finally, on that
6 southern tip -- that plume that's headed
7 south -- how far from the known defined plume
8 will you be checking east, west --

9 MR. RYAN: How far from --

10 MR. JOHNSON: How far from the
11 boundary of the known plume -- existing plume
12 of what you can define or characterize there
13 headed south -- No. There you go. How far to
14 each side -- east, west -- do you intend on
15 going?

16 MR. RYAN: We'll define the
17 plume -- We'll do whatever it takes to define
18 the plume to the satisfaction of us, the state,
19 EPA --

20 MR. JOHNSON: Okay.

21 MS. PEACE: Okay. I'm going to
22 take one more question and we have to set the
23 date for the next meeting, because we have to be
24 out here at 9:30. So -- Let's see. I've got
25 one more question besides -- Damian wanted to

1 ask a question and then we're going to --
2 Go ahead.

3 MR. SANDOVAL: I, basically, want
4 to put this on the record. From a programmatic
5 perspective, the circle light process or the IRP
6 process will allow us to do an interim removal
7 action. And I guess my concern is: If we have
8 sources that are still contributing to
9 contaminants in the groundwater, why are we not
10 looking at removing the sources to an interim
11 removal action, as opposed to waiting for the
12 focus feasibility study in '98 and doing the
13 actual action, probably, late in '99?

14 MR. RYAN: We actually are -- and
15 the -- the IWCS source is not quite as easy as
16 that. If I could put a square on the ground
17 and, say, "Dig here," we would be done. But I
18 can't do that.

19 MP is -- is getting to the point where
20 we're defining the exact area of the known
21 source. I think Mike tried to explain earlier
22 about the DNAPLs and how they act in the
23 subsurface. In site MP, that's -- that's going
24 to be a very -- a major challenge for us --
25 is -- is what do we actually do? Do we go down

1 and try to dig up that source and thereby
2 perhaps disturb it -- move it around -- or do we
3 isolate that source from continuing to
4 contribute to the groundwater with a slurry wall
5 or reactive wall? And, so, we're -- I mean, to
6 really spend the government's money wisely -- do
7 the most effective thing, but we still need to
8 do a little evaluation in that area.

9 MS. PEACE: Okay. Thank you
10 you-all very much. That was really a nice
11 presentation. Officially, it was really nice.
12 You did a good job.

13 MR. QUINTANILLA: And we will get
14 a copy of it?

15 MR. RYAN: Yes.

16 MS. PEACE: We have -- set time
17 for the next meeting -- and I know the
18 administrative -- you know, look into making a
19 schedule for the year -- but is Wednesday --
20 it's okay -- and does anybody have a date to
21 suggest? I'm sorry. I don't have a calendar
22 with me.

23 MR. RICE: How about January
24 16th, 17th or 18th?

25 MS. PEACE: Does anybody have a

1 calendar on them?

2 MR. QUINTANILLA: That sounds
3 good.

4 MS. PEACE: Is that satisfactory
5 to everybody? January 14th?

6 MS. HUENI: I have a suggestion.
7 I think our technical subcommittee meeting is
8 going to be set for January 27th. So, if we
9 could arrange to have the meeting maybe the
10 evening after --

11 MS. PEACE: It's been suggested
12 that the 28th be considered. So, we have --

13 MS. HUENI: It would be
14 Wednesday.

15 MS. PEACE: Okay. So, we have --
16 Is that agreeable?

17 MR. QUINTANILLA: That's better.

18 MS. PEACE: Okay. So, the next
19 meeting will be the 28th -- and a place to be
20 announced, I guess.

21 And, as far as agenda items, we already
22 have a full -- if you-all could go ahead and
23 either call me or fax me or -- I guess you don't
24 know the new co-chair, yet.

25 MR. RIOJAS: We already have some

1 agenda items that are identified in the minutes,
2 so we'll just pick those up.

3 MS. PEACE: Okay. And, then,
4 also --

5 (Discussion off the record.)

6 MR. JOHNSON: I've not been a
7 part of that coordinated effort, actually,
8 concerning Dr. Legator. I believe that we're
9 going to distribute some of the information to
10 the technical subcommittee -- technical
11 subcommittee. We've discussed some of these
12 issues to see if -- as to whether or not there
13 is any scope that the RAB may want to consider
14 or entertain.

15 CEJA will be having -- I believe on -- I
16 believe it's tomorrow. We will have -- be
17 meeting with Dr. Legator on some of the issues
18 concerning the health survey. But, again,
19 I've -- I'm not -- I wasn't part of the
20 coordinating process. I just have some
21 information on it -- and I'm sorry. I wasn't
22 prepared --

23 MS. PEACE: I received an
24 invitation for a forum and I was --

25 MR. JOHNSON: Again, I've kind of

1 caught the tail end of that. I wasn't informed
2 of that --

3 MS. PEACE: Okay. I guess I
4 probably know more than David does.

5 Mrs. Johnson -- Yolanda Johnson -- was
6 putting together a forum and she's going to have
7 Dr. Legator there -- and I assume Yana Bland,
8 also -- but you'll be able to ask them
9 questions -- and since we've never been able to
10 have them come to a meeting -- just because
11 we've always had so much other business --
12 that's going to be this Friday.

13 You've got an announcement.

14 MR. RICE: It's December 4th --
15 which is Thursday -- 6:30 at St. John Berchmans
16 Church.

17 MS. PEACE: Okay. So, anybody
18 that had questions about that North Kelly
19 Gardens health survey -- that's a good time to
20 ask them.

21 MS. HUENI: I had a different
22 question about that. Was the ATSDR invited to
23 that, as well?

24 MS. PEACE: I don't know.
25 Because I -- This is -- Mrs. Johnson and her

1 neighborhood group set this up. This isn't a
2 RAB activity. I just heard about it tonight. I
3 got the fax -- and, so -- like I said, it's
4 their neighborhood organization, I guess, that's
5 setting this up. But it -- you know, it's a
6 good opportunity -- because I know a lot -- you
7 know, I had questions about that health survey
8 and you-all probably do, too.

9 MR. JOHNSON: I believe if
10 there's any questions -- I know they're trying
11 to get -- compile some of the information that
12 was asked, as far as the actual survey itself.

13 The questions that made up the survey --
14 and, again, Dr. Legator being one of the
15 compilers and the author of this particular --
16 and compiled the data and helped us print it
17 out -- will be there to answer any questions.

18 MR. RIOJAS: Excuse me, David.
19 Do you know whether Sam has been invited?

20 MR. JOHNSON: I believe we did
21 send -- from what I was told -- that there were
22 particular mail-outs -- again, understanding
23 limited resources as to who was going to be
24 invited.

25 MR. RIOJAS: Because I think it's

1 very important that they're there. Because
2 we've asked them -- We've officially asked them
3 to take a look at that.

4 MR. JOHNSON: They did receive
5 some correspondence.

6 MR. SANCHEZ: We're going to be
7 there.

8 MS. PEACE: So, I would like to
9 just -- you know, say again -- anybody that is
10 interested in that -- and I also believe --
11 Dr. Legator said that there has been
12 additional -- they've worked with the data
13 more -- and, so, they have more to report.

14 So, that's going to be Thursday night on
15 the 4th, at 6:30, at St. John Berchmans
16 Church -- and it's an open forum.

17 Okay. Do we have any more business?

18 MR. QUINTANILLA: I would like to
19 thank Eddie for all the hard work that he's done
20 in here for this committee. I think he took it
21 at a very bad time and did an excellent job.

22 MR. RIOJAS: I can't believe it's
23 coming out of you, Armando.

24 MR. JACOBI: I'll second that
25 motion.

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MS. PEACE: Myself, as well.

Okay. Do we have any other business?

MR. JACOBI: I move we adjourn.

MR. JOHNSON: Second.

MS. PEACE: Is there any
discussion? All in favor?

(Vote by the RAB members.)

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COUNTY OF BEXAR *

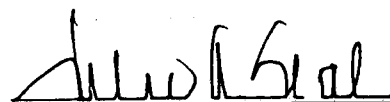
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