



KELLY AFB
TEXAS

ADMINISTRATIVE RECORD
COVER SHEET

AR File Number 3339.10

RESTORATION ADVISORY BOARD

OCTOBER 5, 1999

Page 1

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15
- 16
- 17
- 18
- 19
- 20
- 21
- 22
- 23
- 24
- 25

RESTORATION ADVISORY BOARD

OCTOBER 5, 1999

RESTORATION ADVISORY BOARD

OCTOBER 5, 1999

Page 2

1 APPEARANCES:
 2 BRIG. GEN. ROBERT M. MURDOCK
 Installation Co-chair;
 3
 4 DR. GENE LENE
 Community Co-chair;
 5 MR. PAT MCCULLOUGH
 Air Force Base Conversion Agency;
 6
 7 TANYA HUERTA
 Community Member;
 8 MR. GORDON BANNER
 TNRCC, Austin;
 9
 10 MR. JOHN A. JACOBI
 Texas Department of Health;
 11 MR. P.K. PAUL PERSON
 Manager, Compliance Measurements
 Union Pacific Railroad;
 12 MR. SAM SANCHEZ
 San Antonio Metropolitan Health
 13 District;
 14 MR. SAM MURRAH
 Broker/Appraiser;
 15
 16 MS. LAURA STANKOSKY
 U.S. EPA, Region VI;
 17 MS. YOLANDA JOHNSON
 Committee for Environmental Justice
 18 Action;
 19 MS. DOMINGA ADAMES
 Community Member;
 20
 21 MR. GEORGE RICE
 Groundwater Hydrologist;
 22 MR. ARMANDO C. QUINTANILLA
 Keep South San Proud;
 23
 24
 25

Page 3

1 APPEARANCES (Cont.):
 2 MR. MARK PUFFER
 Community Member;
 3
 4 MR. EDWARD WEINSTEIN
 San Antonio Water System;
 5 MR. JOHN HERNDON
 Community Member;
 6
 7 MR. ROY HUFF
 Alternate;
 8 JULIE A. SEAL
 Certified Shorthand Reporter
 9 and Registered Professional Reporter.
 10 * * * * *
 11
 12
 13
 14
 15
 16
 17
 18
 19
 20
 21
 22
 23
 24
 25

Page 4

1 On the 5th day of October, A.D., 1999,
 2 at Dwight Middle School, 2454 W. Southcross,
 3 San Antonio, Bexar County, Texas, between the hours
 4 of 6:35 o'clock p.m. and 10:44 o'clock p.m., the
 5 above-entitled meeting came on for discussion before
 6 said GEN. ROBERT M. MURDOCK, and the following
 7 proceedings were had:
 8 BRIG. GEN. MURDOCK: If I could have
 9 your attention, please. If I could ask the RAB
 10 members to please take your seats, we'll begin the
 11 discussion.
 12 (Pause.)
 13 Good evening, all. I'd like to begin
 14 this evening's activities by having the individuals
 15 that are RAB members introduce themselves to you and
 16 to state if they're representing an organization,
 17 what that organization is or if they just -- or are a
 18 member of the community and representing the
 19 community on the RAB, to so state. Let me begin by
 20 saying that I'm Brigadier General Bob Murdock. I'm
 21 the Vice Commander of the Air Logistics Center at
 22 Kelly Air Force Base and I'm one of the two co- --
 23 co- -- co-chairs, along with Dr. Gene Lene -- and
 24 I'll pass the microphone and let Gene introduce
 25 himself and, then, we'll have everyone else on the

Page 5

1 RAB introduce themselves.
 2 DR. LENE: I'm Gene Lene. I'm the
 3 community co-chair.
 4 MR. MCCULLOUGH: I'm Pat McCullough.
 5 I'm with the Air Force Base Conversion Agency.
 6 MR. JACOBI: I'm John Jacobi. I'm
 7 with the Texas Department of Health.
 8 MR. HUFF: I'm Roy Huff, representing
 9 Carl Mixon who is both the Chairman of the LEPC and
 10 the Bexar County Fire Marshal.
 11 MR. MURRAH: I'm Sam Murrah; Clean
 12 Air & Water and also on the RAB. Thank you.
 13 MR. PERSON: Paul Person; Union
 14 Pacific Railroad.
 15 MR. BANNER: Gordon Banner with TNRCC.
 16 MS. STANKOSKY: Laura Stankosky with
 17 the Environmental Protection Agency.
 18 MR. QUINTANILLA: My name is
 19 Armando Quintanilla. I live in a contaminated area
 20 that has been contaminated by toxic spills from
 21 Kelly Air Force Base.
 22 MR. WEINSTEIN: I'm Ed Weinstein. I'm
 23 representing the San Antonio Water System.
 24 MR. SANCHEZ: I'm Sam Sanchez. I'm
 25 with the San Antonio Metropolitan Health District.

RESTORATION ADVISORY BOARD MEETING

OCTOBER 5, 1999

3 (Pages 6 to 9)

Page 6

1 MR. RICE: I'm George Rice. I'm a
 2 community member.
 3 MR. PUFFER: I'm Mark Puffer. I'm a
 4 community member.
 5 MS. HUERTA: I'm Tanya Huerta. I'm a
 6 community member.
 7 MR. HERNDON: I'm John -- I'm
 8 John Herndon. I'm a community -- community member.
 9 BRIG. GEN. MURDOCK: At this time,
 10 what I'd like to do is proceed through the agenda
 11 items. The first agenda item is the administrative
 12 topics. All the RAB members should have received a
 13 RAB materials package. Has any of the RAB members
 14 not received one of these?
 15 Okay. What I'd like to do now is go
 16 to Tab 2 in that member package and talk rather
 17 briefly about the action items and the responses to
 18 those.
 19 The first action item was to present
 20 the -- the EMR update with the minutes and I believe
 21 we've provided those to Ms. Huerta and -- Tanya, were
 22 they -- that acceptable to you?
 23 MS. HUERTA: Yes, sir. Thank you.
 24 BRIG. GEN. MURDOCK: Okay. The second
 25 was a question about the standards and how they apply

Page 7

1 to treated groundwater. A fact sheet is included in
 2 the action item package that describes what those
 3 standards are and who regulates those standards.
 4 The third item was to provide a copy
 5 of the briefing slides in the member packet and, if
 6 you note at Tab 5 and 6 of your member packet, we
 7 have, in fact, enclosed those slides. Unfortunately,
 8 our Agenda Item 8, which was the TAPP presentation
 9 that is scheduled to be presented tonight -- we
 10 didn't have copies of the slides for that at the time
 11 that the booklets were presented. We'll get slides,
 12 if there are any to be presented, and include them in
 13 the minutes of this evening's minutes -- meeting.
 14 Again, there was a question concerning
 15 the definition of the groundwater plume and the
 16 concentrations of the contaminants in that.
 17 Representatives from Kelly have talked to Tanya and
 18 I believe are engaged in setting up a date that she
 19 can come out to the base and engage in detail about
 20 this issue -- and I assume that that's acceptable
 21 with you, Tanya, and that you've been working with
 22 the environmental folks out at Kelly to determine
 23 a -- a time and a date to do that.
 24 MS. HUERTA: Yes, sir. It will be a
 25 while before I can get there, but, yes, sir, we'll

Page 8

1 try and set it up.
 2 BRIG. GEN. MURDOCK: Okay. You let us
 3 know when -- when -- a time that it is convenient
 4 to you and --
 5 MS. HUERTA: Okay.
 6 BRIG. GEN. MURDOCK: -- and we'll work
 7 it out.
 8 MS. HUERTA: Thank you, sir.
 9 BRIG. GEN. MURDOCK: Information was
 10 requested on the health and safety precautions that
 11 will be used for the cleanup of Site S-1. We
 12 provided that information to Ms. Johnson who was the
 13 requestor of that information, but we've also
 14 included the fact sheets that we provided her in the
 15 RAB member packet, also. So, they're -- they're
 16 available for your use.
 17 There was a direction to -- that
 18 requested that I send a letter to the RAB concerning
 19 off-base cleanup and the workshop that we were going
 20 to have. I did that and sent a letter on the 5th of
 21 August to the RAB members requesting volunteers to
 22 attend the 23 September meeting. We had that meeting
 23 and we'll have a follow-on meeting on the 7th of
 24 October. I'll discuss that follow-on meeting as
 25 indicated in Agenda Item No. 9. So, if we could hold

Page 9

1 off the discussion on the workshop until that time,
 2 I'd appreciate that.
 3 We've also completed the -- Item
 4 No. 7, asking for the slides of the -- GKDC and
 5 Air Force Base Conversion Agency slides to be
 6 included in the minutes of the last meeting.
 7 And, finally, we are in the process of
 8 developing a chronology of cleanup issues for new
 9 staff, for new RAB members, and the environmental
 10 staff at Kelly is working on that and we hope to have
 11 a product sometime in the November time frame --
 12 certainly in time for next January's RAB meeting for
 13 presentation either in written form in the member
 14 packages or in a briefing form to the RAB and general
 15 public as desired. So -- I think that covers all the
 16 action items with -- Let me mention two other
 17 issues. At Tab 9 of your member packet are the
 18 TNRCC, the EPA and the Air Force response to the
 19 Clear Water Revival TAPP report. Those documents are
 20 stand-alone documents. They articulate what all
 21 three agencies commented about the report and they
 22 are there for your review.
 23 In addition, at Tab 10, there's a July
 24 letter from Mr. Quintanilla to me concerning the
 25 restoration site priorities and there's also a letter

RESTORATION ADVISORY BOARD MEETING

OCTOBER 5, 1999

4 (Pages 10 to 13)

Page 10

1 that -- my letter that responds to Armando's there.
 2 I met with Armando yesterday because he had concerns
 3 about my response. As a result of our meeting
 4 yesterday, we, Kelly Air Force Base, have agreed to
 5 present to the RAB, with your concurrence, in the
 6 January time frame, a briefing that talks about the
 7 relative risk priorities of all our sites out at
 8 Kelly Air Force Base. In addition, I told Armando
 9 that we would look into numerous other issues and
 10 concerns that he had as we discussed those issues
 11 yesterday and we will provide a response -- and I
 12 will provide a response to him as we discussed
 13 yesterday.
 14 With that as background, let me ask if
 15 there are any questions concerning the action items.
 16 George?
 17 MR. RICE: Yeah. Two RAB meetings ago
 18 at the April 27th meeting, I asked a question that
 19 became an action item -- Item No. 2 -- and it was
 20 to be addressed in our July meeting. However, at our
 21 July meeting, we were told that it was on hold. But,
 22 now, it still hasn't been addressed. It's been six
 23 months since I asked the question and what I want to
 24 know is when will my question be answered.
 25 BRIG. GEN. MURDOCK: If you don't mind

Page 11

1 repeating what the action item was for -- for
 2 everybody to be aware of --
 3 MR. RICE: Okay. This is from the
 4 April 27th meeting and -- the description in -- in
 5 Item 2 is, "Please provide a list and explanation of
 6 the materials the BCT doesn't want to provide to the
 7 RAB and the reasons for not providing the
 8 materials." As you recall, we had requested that we
 9 get -- that the RAB get all materials that are handed
 10 out at BCT meetings. Ms. Kelly, at that time, told
 11 us that we would get most of the materials, but some
 12 materials might be withheld from us. So, my question
 13 was: What sort of materials might be withheld from
 14 us and what are the reasons for withholding those
 15 materials? That question was not answered in the
 16 July -- at the July RAB meeting and it's not
 17 addressed here. I -- it's been six months since I
 18 asked.
 19 BRIG. GEN. MURDOCK: Does anybody from
 20 the BCT wish to address the comments from Mr. Rice?
 21 MS. KELLY: I'll respond.
 22 BRIG. GEN. MURDOCK: Mary?
 23 MS. KELLY: George and members of the
 24 RAB, the response given at the prior RAB still stands
 25 today, and that is, that those materials that are

Page 12

1 distributed among BCT members in connection with
 2 their review of environmental matters, which can be
 3 released to the public, are made available to the RAB
 4 under the same principles that we have followed with
 5 regard to other environmental materials. In other
 6 words, if they're subject to FOIA release, RAB
 7 members get that information without the necessity of
 8 making a FOIA request. There is other information,
 9 on the other hand, which is pre-decisional, which is
 10 for internal review, which is draft status, which is
 11 not subject to FOIA, and that information is not
 12 available to the public, because it's under review
 13 by -- by staff and, therefore, those materials, when
 14 they're under review by BCT members, likewise, are
 15 not releasable. So -- we provided that answer
 16 before. I don't know how many different ways I can
 17 state it, George, but if you'd like us to put it in
 18 writing again, I will.
 19 MR. RICE: Yes. I -- I'd like you to
 20 put it in writing --
 21 MS. KELLY: Will do.
 22 MR. RICE: -- the first time.
 23 MS. KELLY: Thank you.
 24 MR. RICE: Thank you.
 25 BRIG. GEN. MURDOCK: Armando?

Page 13

1 MR. QUINTANILLA: General, I have
 2 three comments: First on the RAB priorities that are
 3 on -- on Tab 6. I would like to see a priority there
 4 that -- to -- to make the cleanup -- the
 5 vinyl chloride that's in the trichloroethylene in our
 6 neighborhoods the priority for off-base contaminated
 7 neighborhoods.
 8 BRIG. GEN. MURDOCK: If you don't
 9 mind, I -- I'd like you to hold off on the comments
 10 to that because we have an agenda item that discusses
 11 that. If you'd be kind enough to bring that up
 12 during the agenda item, I would appreciate that.
 13 MR. QUINTANILLA: I will be happy to.
 14 The second item that I have is that I asked for a
 15 report of what metals has been released into the
 16 groundwater in Zones 1, 2, 3, 4 and 5. I requested
 17 this in a letter to you on the 21st of June. It did
 18 not come out in the July meeting because I wasn't
 19 here and it's not on the agenda for -- for tonight's
 20 meeting.
 21 BRIG. GEN. MURDOCK: I didn't -- and
 22 your letter specifically asked that it be an agenda
 23 item?
 24 MR. QUINTANILLA: Yes, sir. I asked
 25 for two items: A report on --

RESTORATION ADVISORY BOARD MEETING

OCTOBER 5, 1999

5 (Pages 14 to 17)

Page 14

1 BRIG. GEN. MURDOCK: No. I'm sorry.
 2 You asked for it to be an agenda item?
 3 MR. QUINTANILLA: Yes, sir.
 4 BRIG. GEN. MURDOCK: Okay.
 5 MR. QUINTANILLA: The other item that
 6 I asked for was status of extraction wells and
 7 infrastructure on the Union Pacific Railroad and none
 8 of those items were at the -- at the July meeting
 9 or -- or -- nor are they on this meeting.
 10 BRIG. GEN. MURDOCK: I am not aware --
 11 I don't recall in the letter that you asked me for a
 12 formal agenda item at a RAB meeting, but I will
 13 certainly look --
 14 MR. QUINTANILLA: I have a copy of the
 15 letter that I sent you.
 16 BRIG. GEN. MURDOCK: -- look at the
 17 letter and will respond just as quickly as we can.
 18 MR. QUINTANILLA: The other item that
 19 I have is concerning the letter that you sent me
 20 concerning the priorities by site and the sequencing
 21 by site. You have withdrawn that letter, as I
 22 understand it -- or are you going to revise it?
 23 BRIG. GEN. MURDOCK: Well, I -- I
 24 thought I made it clear that we would certainly try
 25 and respond to the concerns that you rose (sic) at

Page 15

1 our meeting yesterday.
 2 MR. QUINTANILLA: Including the --
 3 the -- the sequencing of sites?
 4 BRIG. GEN. MURDOCK: I'm sorry?
 5 MR. QUINTANILLA: Including the
 6 sequencing of sites?
 7 BRIG. GEN. MURDOCK: Yes. We'll get
 8 back with you on our definition of the sequencing
 9 and -- to try and come to some sort of agreement
 10 based on the concerns that you have.
 11 MR. QUINTANILLA: Yeah. Some of
 12 the -- One of the concerns that I have, sir, is that
 13 they're cleaning up the golf course ahead of some of
 14 our neighborhoods and that's the reason I'm asking
 15 for the sequencing of sites.
 16 BRIG. GEN. MURDOCK: And that was
 17 clear in your letter and we'll certainly address it.
 18 MR. QUINTANILLA: Thank you very much.
 19 BRIG. GEN. MURDOCK: George?
 20 MR. RICE: Yeah. I'd like to request
 21 an action item -- that the question that I asked on
 22 April 27th that Mary Kelly said she would respond to
 23 in writing, that that be provided to the RAB no later
 24 than our next meeting.
 25 BRIG. GEN. MURDOCK: That we will do

Page 16

1 and we'll include it as an action item.
 2 MR. RICE: Thank you.
 3 BRIG. GEN. MURDOCK: Any other further
 4 discussion on any of the action items?
 5 With that, let me turn the microphone
 6 over to Dr. Lene to talk about term expirations of
 7 some of our members.
 8 DR. LENE: Okay. As you'll remember,
 9 some time ago, we decided to go to two-year terms --
 10 and to avoid the problem of everybody's term expiring
 11 at the same time, we had a drawing to see who would
 12 serve a two-year term and who would serve a one-year
 13 term -- and the following people's terms are ending
 14 at the end of this year and that's Yolanda Johnson,
 15 Mark Puffer, Annalisa Peace, George Rice, Paul Person
 16 and Juan Solis, Sr. -- and we will be mailing
 17 applications to those persons to reapply to be on the
 18 RAB.
 19 But for the time being, what we'd like
 20 to do is have a motion to extend their term one more
 21 month so that they are able to vote at the January
 22 meeting. Do I hear such a motion?
 23 MR. QUINTANILLA: I so move.
 24 DR. LENE: All right. And seconded?
 25 MR. PERSON: Second.

Page 17

1 DR. LENE: Second? Okay. So, it's
 2 been moved and seconded that these persons who are up
 3 for reelection -- their term be extended one more
 4 month so that they will be members during the January
 5 meeting and will be able to vote at that time. And,
 6 at that time, we will reelect, possibly, those same
 7 people, plus we have, I think, two more spaces -- two
 8 more spaces on the RAB -- and, so, if we have anyone
 9 who wants to apply to fill those spaces, as well --
 10 Any discussion on that?
 11 Appreciate it, Board. Okay. I think
 12 we've got it, then. So -- yeah -- Do we need a
 13 vote? All in favor?
 14 (Vote by the RAB members.)
 15 DR. LENE: Looks pretty unanimous.
 16 Okay.
 17 BRIG. GEN. MURDOCK: The next item is
 18 to vote on the July 20th RAB minutes. Hopefully,
 19 the RAB members have had the opportunity to review
 20 the minutes and I'd entertain a motion to accept the
 21 minutes as written -- or if there are revisions, for
 22 people to articulate them during the discussion after
 23 we place this to a vote. Is there a motion to accept
 24 the minutes?
 25 MR. HUFF: So move.

RESTORATION ADVISORY BOARD MEETING

OCTOBER 5, 1999

6 (Pages 18 to 21)

Page 18

1 BRIG. GEN. MURDOCK: Second?
 2 MR. JACOBI: Second.
 3 BRIG. GEN. MURDOCK: There's been a
 4 second. Any discussion on the July 20th RAB
 5 minutes?
 6 Ask for a vote by indicating with your
 7 hand. All those in favor, please raise your hand.
 8 (Vote by the RAB members.)
 9 BRIG. GEN. MURDOCK: Any opposed? The
 10 minutes stand as read.
 11 The next item is community statements
 12 and I'll pass the mike to Dr. Lene.
 13 DR. LENE: At this time, we will have
 14 community statements -- and I would remind you that
 15 if you wish to make a comment, please come to the
 16 microphone so we can all hear you -- and the other
 17 thing is to try to stay under four minutes per
 18 person.
 19 So, do we have anybody at this time
 20 who would like to make a comment from the community?
 21 Yes. There will be another
 22 opportunity at the end of the meeting, as well.
 23 MR. RESENDEZ: Good evening. My name
 24 is Tony Resendez. I live here in Zone 4, which is
 25 why we're here tonight. I have a couple of

Page 19

1 questions. I noticed that one of the charts you show
 2 here is that you're going to have some extraction
 3 wells be used at the base to extract some of the
 4 contamination, water, et cetera, but in the community
 5 where we live, I understand you're not going to have
 6 any wells there. You're going to have some kind of
 7 a -- I guess -- I don't know what you're going to
 8 call it -- dam -- whatever you're going to call
 9 it -- to prevent the water from flowing any further.
 10 How come you don't have the reverse? I mean, we here
 11 in the community would like for -- we, also, have the
 12 extracted wells placed in our community.
 13 It seems it's going to take 25 years
 14 for you-all to -- at least that's what it showed on
 15 the chart -- to get rid of some of the
 16 contamination -- the method that you show there.
 17 Yet, at a well, it seems like it's going to be done
 18 quicker. I don't have 25 years and I think none of
 19 us here don't have 25 years. I'd like to see you --
 20 you put some wells in our community, also. Perhaps,
 21 then, we could get rid of our contamination quicker.
 22 The other thing I'd like to know is:
 23 What guarantee do we have that after the base has
 24 closed that you will continue providing -- cleaning
 25 this environment that you've caused? I mean, you'll

Page 20

1 be gone, you'll lock the base and we'll still be
 2 here. Where will we find you-all and what assurance
 3 do we have that you'll be here? Has Congress passed
 4 a bill or anything or have you -- are you working
 5 with the last of your funds or are you-all going to
 6 continue to be funded to clean the area? Basically,
 7 that's what I -- you know, the question I had.
 8 BRIG. GEN. MURDOCK: Let me address
 9 your second question first. By law -- by public
 10 law -- the United States Air Force has to continue to
 11 provide for the cleanup of any contamination that the
 12 base is responsible for, both on base and off base,
 13 until it is cleaned up. By law, the United States
 14 Air Force has to do that and there is an agency that
 15 will oversee that cleanup that is a part of the
 16 Air Force called the Air Force Base Conversion Agency
 17 and its representative at the base is
 18 Mr. Pat McCullough -- and Pat has attended the last
 19 few RAB meetings and, in fact, will become the
 20 co-chair of the RAB as the Air Force active duty
 21 personnel are transferred from Kelly Air Force Base,
 22 but there will always be an Air Force presence at
 23 Kelly Air Force Base responsible for the cleanup of
 24 the contamination that the base is responsible for
 25 and that individual's name, as I mentioned, is

Page 21

1 Pat McCullough and he will continue to represent the
 2 Air Force at these RAB meetings. Does that answer
 3 your question?
 4 MR. RESENDEZ: Yes, sir. How about
 5 the wells?
 6 BRIG. GEN. MURDOCK: Okay. I'd ask
 7 for somebody from the Kelly environmental staff if
 8 they would come forward or can come forward to
 9 address the -- the issue on the wells, if there is
 10 anybody here that can do that. If not, we'll take
 11 that comment and provide you a response, if -- if you
 12 would see me after the meeting.
 13 MR. RESENDEZ: Okay.
 14 BRIG. GEN. MURDOCK: William, do you
 15 want to respond to that or get with the individual.
 16 MR. RESENDEZ: I'd like a response.
 17 MR. RYAN: Hi. I'm William Ryan with
 18 the Environmental Restoration Program at Kelly
 19 Air Force Base. As you know, the public comment
 20 period for the site S-4 cleanup plans are open now
 21 and we're encouraging that -- that the public submit
 22 comments to us on -- on the pro -- on the cleanup
 23 plan either tonight in writing or at a later date in
 24 writing, if you choose so.
 25 To try to specifically address your

RESTORATION ADVISORY BOARD MEETING

OCTOBER 5, 1999

7 (Pages 22 to 25)

Page 22

1 question, the -- the extraction wells on base serve
 2 as a -- a similar purpose as the -- the barrier wall
 3 off base to prevent migration of contaminants from on
 4 base to off base and the barrier wall has the same
 5 effect in capturing that groundwater and -- and
 6 diverting it towards a -- an area where we can
 7 extract that groundwater and treat it at a treatment
 8 plant located on -- on the base.
 9 Putting wells in the community -- and
 10 I think it was kind of explained in the -- in the S-4
 11 presentation -- putting wells in the community
 12 actually has very little effect on the -- the
 13 duration of the time frame for cleanup and -- and
 14 there's really no benefit. I think actually it's
 15 a -- it's a shorter period of time if the wells are
 16 not put off base -- if I'm correct in stating that --
 17 but we -- we would like to hear your comments and
 18 suggestions on it and -- and we'll evaluate that --
 19 and if you submit that in writing to us, we'll
 20 respond in much more detail as part of the comment
 21 period.
 22 MR. QUINTANILLA: General, I have a
 23 question, too -- Mr. Ryan -- in that relation.
 24 What about the contamination that is beyond the
 25 wall? When will that be cleaned up and how will it

Page 23

1 be cleaned up?
 2 MR. RYAN: I think that's addressed
 3 the -- in the plan -- that it's -- it's for monitored
 4 natural attenuation.
 5 MR. QUINTANILLA: By natural -- that
 6 means that Mother Nature takes care of --
 7 MR. RYAN: And we monitor that closely
 8 to make sure that that plume -- that the plume is
 9 not -- the contamination is not expanding. It's,
 10 actually, either stable or getting -- diminishing.
 11 MR. QUINTANILLA: Are there funds for
 12 the next 25 years to monitor it annually?
 13 MR. RYAN: Well, we -- we -- we
 14 program our -- our -- funding for our -- for our
 15 commitments on an annual basis. I can't -- I
 16 obviously can't commit for Congress that they will
 17 fund everything that we submit. However, we've been
 18 very fortunate in the past that every -- that our
 19 requirements have been fully funded at Kelly
 20 Air Force Base and we see every sign that that will
 21 continue to happen in the future.
 22 MR. QUINTANILLA: Would it have helped
 23 if you had done some off-base bio-augmentation
 24 there? It cost 9 million versus the 4 million that
 25 you have.

Page 24

1 MR. RYAN: That -- I don't believe
 2 that technology was -- was evaluated in -- for --
 3 for this particular site, so I can't answer that
 4 question.
 5 MR. QUINTANILLA: So, is the
 6 cheaper -- the cheaper way to go -- it's better than
 7 the -- the more expensive way?
 8 MR. RYAN: That's one of the factors
 9 that we consider in selecting the remedy -- the
 10 cost-effectiveness.
 11 MR. QUINTANILLA: I disagree.
 12 MR. RYAN: Yes, sir.
 13 MR. RICE: Yeah. William, there's a
 14 cleanup option that the Air Force didn't evaluate
 15 as -- as a part of the -- the alternatives here
 16 tonight, pump-and-inject. You know, a few years ago
 17 I did some modeling in this area where my
 18 estimates -- and I want to make this clear -- they
 19 were -- they were estimates -- I estimated that the
 20 plume in that area could be cleaned up in -- in less
 21 than ten years -- closer to five years -- and my
 22 question is: Given that you evaluated several
 23 alternatives, why didn't you spend as much effort
 24 investigating a pump-and-inject alternative as you
 25 did investigating some of the other alternatives?

Page 25

1 MR. RYAN: I think you've raised this
 2 question before, Mr. Rice, and we've addressed that
 3 and we have -- we have looked at re-injection as a --
 4 as a -- as a potential option at Kelly and -- I think
 5 we actually had some pilot studies done on that --
 6 and we've run into some problems with injecting the
 7 water into the aquifer and it actually absorbing
 8 and -- and accomplishing what you want to -- what you
 9 propose to accomplish in -- in reinjecting the water
 10 into the aquifer and it forming a -- a head increase
 11 and moving that water downgradient to be collected at
 12 a -- at a -- at a set of extraction wells
 13 downgradient -- and we've -- we looked at that.
 14 MR. RICE: Well, I'd -- I'd sure like
 15 to see the results of your study published in a
 16 document alongside these other alternatives so we
 17 could evaluate your work.
 18 MR. RYAN: Okay.
 19 MR. RICE: Because we haven't been
 20 able to evaluate your work in that regard.
 21 MR. RYAN: Will you make -- will
 22 you -- you'll make that comment, I'm sure.
 23 MR. RICE: Yes.
 24 MR. RYAN: Thank you.
 25 Yes, ma'am?

RESTORATION ADVISORY BOARD MEETING

OCTOBER 5, 1999

8 (Pages 26 to 29)

Page 26

1 MS. ADAMES: My understanding is that
 2 most of the money that you've spent so far is just
 3 looking into ways as to how you can clean up.
 4 Really, not much has been spent on cleaning up.
 5 MR. RYAN: Well, we -- part of the
 6 cleanup process is to study -- to evaluate the -- the
 7 appropriate technology, but we have invested
 8 significant funding in -- in putting interim actions
 9 on the base that have -- serve to prevent mass --
 10 contaminant mass from moving off base into -- on
 11 base -- which is -- which is a -- an early step in
 12 the -- in the cleanup process. But in order to
 13 select the appropriate alternatives, there's money
 14 invested in study, yes, ma'am.
 15 MS. ADAMES: Because as I
 16 understand -- you know, you're spending so much
 17 wanting to know whether you can do it -- or how it
 18 can be done instead of actually going out there and
 19 doing, to me.
 20 MR. RYAN: That's the next phase. As
 21 soon as -- you know, we get approval on -- on the
 22 selected remedy and approval on the design, we'll
 23 begin construction.
 24 MS. ADAMES: But, yet, at the same
 25 time, you're going to let nature take its course.

Page 27

1 It's a waste of money if that's the way you look at
 2 it.
 3 MS. PULIDO: I'm sorry to interrupt,
 4 but -- if the focus is on cleanup -- cleanup of Kelly
 5 Air Force Base --
 6 DR. LENE: Could you come to the
 7 microphone so we can all hear you, please?
 8 MS. PULIDO: If -- if the focus -- I
 9 understand to be our cleanup options, correct? I
 10 looked at the alternatives that you had presented
 11 and -- who determines -- I thought we -- the
 12 community had to choose what we wanted. I -- I don't
 13 know if I'm mistaken, but -- I like Mr. Rice's idea
 14 of -- of putting wells in the community -- in the
 15 residential community. I know it's probably more
 16 expensive, but putting them -- and extracting the
 17 water back in there -- he's already done some
 18 research and I know you -- you just mentioned you
 19 did, also. Could we do -- Could we have, like, say,
 20 Alternative 4 and Alternative 5 or -- you know,
 21 his -- his -- what he did -- and, then, another
 22 alternative like that wall there together and have
 23 that done? I mean, do we have a choice as to what we
 24 want or is -- is the -- the base going to decide
 25 for us what alternative they want done or -- I mean,

Page 28

1 what do we have to do as a community -- as the people
 2 who live here -- to -- to do what we want -- clean it
 3 up how we want it cleaned up -- you know, what --
 4 what do we have to do so that we can get that going
 5 and started?
 6 MR. RYAN: That's the purpose of this
 7 public comment period is to get your input and -- and
 8 the community concerns and advice expressed to the
 9 Air Force so we -- we can take those back and
 10 evaluate them and -- and respond accordingly. And
 11 if -- if the -- if the alternative of combining
 12 4 and 5 is -- is, you know, an overwhelming interest
 13 of the community and it's technically feasible and --
 14 you know, we can consider that. We've -- We've
 15 combined remedy -- remedy alternatives in the past --
 16 you know, taking components of 4 and components of 5
 17 and combining them together and -- and making them
 18 work. So, we -- we will listen to your -- your input
 19 and take your advice and --
 20 MS. PULIDO: And what is the other
 21 issue? The money --
 22 MR. RYAN: Money -- Money does play
 23 into it, yes, ma'am. We have to evaluate that,
 24 also. But it -- also, along with your -- your input
 25 and your concerns and -- and community interest

Page 29

1 and -- and -- that's all -- one of several factors
 2 that we have to evaluate when we select alternatives.
 3 MS. GRYBOS: Hi. I'm Peggy Grybos
 4 from the community. And my question is: Where has
 5 natural attenuation worked in this country and where
 6 in the world? Can you give me another example where
 7 you've tried this method and were successful?
 8 Anyplace?
 9 Okay. So, you -- what you're saying,
 10 then, is you're using a method that you have not
 11 tried out any place? Is that the case? Dr. Lene?
 12 BRIG. GEN. MURDOCK: I can't answer
 13 that question. I don't know if the regulators can
 14 answer that. The regulators are the ones that will
 15 eventually determine what remediation action is
 16 imposed and they're the final decision-makers. And,
 17 so, I'd turn to the TNRCC folks or maybe somebody
 18 from EPA that can shed some light on natural
 19 attenuation and if it has been successful in other
 20 parts of the country. I personally don't know, but
 21 maybe the regulating folks can answer your question.
 22 MS. GRYBOS: Well, I have another
 23 question, too: What is the synergetic effect of all
 24 the chemicals together over long periods of time on
 25 the public? That's -- the chemicals are acting like

RESTORATION ADVISORY BOARD MEETING

OCTOBER 5, 1999

9 (Pages 30 to 33)

<p style="text-align: right;">Page 30</p> <p>1 a cocktail where the effect of one is multiplied by 2 combining them with the others. Have you done 3 studies on that? 4 BRIG. GEN. MURDOCK: The most recent 5 study was the ATSDR report -- and I'd refer you to 6 that -- and we've got some information that can 7 direct you to the results of their study that talks 8 about the contamination and the health risks that 9 they have or don't have to the community. 10 MS. GRYBOS: Okay. And there is, 11 basically, another question: Is there any 12 possibility that possibly when someone in the 13 community is using a shower that some of the liquid 14 hydrocarbons are released and become gaseous 15 molecules and are inhaled by the person taking a 16 shower in the area? Is that -- Is there any 17 possibility of that? 18 DR. LENE: That water you use to take 19 a shower does not come from the shallow aquifer. It 20 comes from the Edwards Aquifer. 21 MS. GRYBOS: Oh, okay. 22 DR. LENE: And, so, it's a different 23 water source. 24 MS. GRYBOS: But I had been basically 25 talking to one of the -- the people here and they had</p>	<p style="text-align: right;">Page 32</p> <p>1 the ground. They can't communicate with the person 2 who's operating the backhoe or the steam shovel 3 except by hand signals. They have to wear a special 4 kind of protective clothing and there are all sorts 5 of -- kind of regulations if they get contaminated. 6 If they are so careful with that, how about the 7 people in the community? Aren't they, you know, just 8 as valuable as the workers? 9 DR. LENE: We discussed that, I think, 10 a little earlier. I think what's happening is that 11 they have to follow regulations. Whether or not they 12 think they're in danger or not, they still have to 13 follow regulations very stringently. And, so, 14 wearing protective suits -- they're kind of required 15 to -- even if it's not a very hazardous location -- 16 simply because of where it is. 17 MS. GRYBOS: Okay. And could I ask 18 one little thing before I go? Besides the chemicals 19 and the metals that are dumped in the water, are 20 there -- is there any type of radiation, also, at 21 Kelly -- sort of a -- a place where they would have 22 radioactive materials, also -- say, on the golf 23 course? There's no radioactive materials that are 24 deposited at all? 25 BRIG. GEN. MURDOCK: Yes.</p>
<p style="text-align: right;">Page 31</p> <p>1 been telling me something about the molecules become 2 gaseous -- okay -- that there -- there was a 3 consideration and they were doing some tests on 4 that. Is that a possibility -- like maybe a fissure 5 or a crack in the earth or something where the 6 contaminants are and -- and kind of affecting the 7 water and -- and doing this type of thing or is 8 that -- that possibility completely nil? 9 DR. LENE: That's hard to say. 10 There's certainly the possibility it's there, but the 11 probability is probably very low and that the -- 12 you're talking about vinyl chloride, I think -- and 13 I -- I would think that the vinyl chloride that's 14 being given off -- it's actually at a very low 15 level. And, so, it's going to disperse very rapidly, 16 even if it does reach the surface. So, I really 17 think that the risk in that area is probably pretty 18 low and I think this is what the ATSDR finally 19 concluded. 20 MS. GRYBOS: Okay. One last question, 21 too: I went to the library and I did some research 22 and I noticed that -- there were some of the workers 23 who are making holes and -- and digging the wells. 24 They have to wear respirators. They have to stand 25 three feet away from the hole that's -- digging up</p>	<p style="text-align: right;">Page 33</p> <p>1 MS. GRYBOS: There are radioactive 2 materials? Where are the radioactive materials and 3 at what level are they? What danger do they pose? 4 BRIG. GEN. MURDOCK: They pose minimal 5 danger. What they are are the dials from aircraft 6 instruments that, like your luminous watch, are 7 painted with that material and that's part of the 8 restoration activity is -- in cleaning up those -- 9 sites, also. 10 MS. GRYBOS: Well, I'd like to thank 11 you very much. You were very helpful. 12 UNIDENTIFIED SPEAKER: Good evening. 13 General Murdock, staff, citizens of the surrounding 14 community of Kelly Air Force Base, I know that the -- 15 this is basically just a comment. It's not a 16 question. I don't expect answers right now and I 17 think that you-all have had plenty of time to make a 18 decision of what you plan to do, but my -- my purpose 19 here -- here tonight is just to make a comment. 20 I know that the Restoration Advisory 21 Board and General Murdock were concerned with 22 community involvement and I, too, have a concern, but 23 I'm here tonight as a resident for my family and for 24 the elderly, the sick and the children of this 25 community that may not have the voice for whatever</p>

RESTORATION ADVISORY BOARD MEETING

OCTOBER 5, 1999

10 (Pages 34 to 37)

Page 34

1 reason. They're entitled to live -- live in a free,
 2 uncontaminated area and above all be told what they
 3 have come in contact with -- as far as
 4 contamination -- the -- over the period of time that
 5 they have been in this -- in -- in the area in
 6 question. Closing Kelly has been an economical
 7 mistake. Let's not do another mistake by not taking
 8 care of the cleanup in the communities.
 9 In closing, the contamination has --
 10 has taken a toll in the surrounding communities, but
 11 my concern -- what holds -- what the future holds for
 12 our -- for our -- our children -- for the -- for the
 13 next generation to come -- as far as their health,
 14 the quality of life and the value of the next
 15 generation as far as property value. The property
 16 value in this community has gone so far down that
 17 nobody wants to come in here and develop anything
 18 anymore -- and this, my -- I'm not talking about
 19 cents here. I'm talking about the future of our
 20 community. If we can't have neighborhoods -- new
 21 neighborhoods -- we can't have growth. I think that
 22 what you'll see here is probably another ghost town,
 23 a has-been in this particular area -- in the
 24 South San community area.
 25 So, General Murdock, I ask you and

Page 35

1 your advisory board to do the right things -- to make
 2 sure that this community is in a healthy, safe
 3 environment. Thank you very much.
 4 (Applause.)
 5 DR. LENE: Are there any further
 6 comments? Yes, sir?
 7 MR. PENA: I'd -- I'd just like to
 8 make -- a question.
 9 When ordinary citizens break a law
 10 intentionally or unintentionally, we are held
 11 accountable for these actions. We either pay with
 12 probation, jail time or restitution. Who is going to
 13 be held accountable for the actions of contamination,
 14 General Murdock? As you said, Air Force,
 15 I believe -- that would be your answer?
 16 BRIG. GEN. MURDOCK: No. That's not
 17 my answer. My answer would be: Those that are
 18 responsible for the contamination.
 19 MR. PENA: And that would be?
 20 BRIG. GEN. MURDOCK: Whoever is
 21 determined to be responsible for the contamination.
 22 MR. PENA: And how long --
 23 BRIG. GEN. MURDOCK: For that -- for
 24 that which Kelly is responsible, Kelly is accountable
 25 for -- the Air Force.

Page 36

1 MR. PENA: Okay. With the base
 2 closure -- with the base closure at Kelly -- and I
 3 want to reiterate -- the gentleman who just left.
 4 Closure at Kelly -- Kelly Air Force
 5 Base has brought down the property value of our
 6 homes -- went down this -- with this -- is
 7 acceptable, because I believe it was with
 8 mismanagement and lack of pride. That's why
 9 I believe Kelly closed. But that's why our -- our
 10 property value went down. We should accept that.
 11 What we shouldn't accept is why we suffer more
 12 depreciation of our homes, our health, due to the
 13 Air Force negligence and supervision of civil service
 14 employees and/or Air Force personnel. So, why should
 15 we pay more for this action?
 16 I can accept losing, because we lost
 17 the base closure. That was our fault. But your
 18 fault is by managing and letting this happen. Now,
 19 who's going to pay for that?
 20 BRIG. GEN. MURDOCK: I don't
 21 understand your question. Who's going to pay for
 22 what?
 23 MR. PENA: I will go slower. We have
 24 depreciation value of a home -- say, it's \$30,000 --
 25 the gentleman just said our -- our value of our house

Page 37

1 is gone. Mr. Quintanilla would acknowledge this.
 2 You would understand -- your -- your house -- when
 3 you bought -- let's do for example. Your house --
 4 you bought it -- when did you buy your house?
 5 MR. QUINTANILLA: My house has
 6 depreciated extensively and it's in the -- in the
 7 Bexar Appraisal District --
 8 MR. PENA: Okay. Who pays for that?
 9 BRIG. GEN. MURDOCK: I'd have to defer
 10 that to the Bexar County folks that make the
 11 determination as to whether the housing has, in fact,
 12 depreciated. I don't know and I have not seen any
 13 factual information that says that they have.
 14 MR. PENA: I know. I understand.
 15 Because most people with education, they see
 16 numbers. But in a living sense, when you try to sell
 17 your house, when people come down here, it's a
 18 stigmatism. I know you can't read that in a book,
 19 but it's called life. We live it every day. See, I
 20 don't know if you live here or you have kids here.
 21 Here's the next question: Why should
 22 the board recommend of leaving it alone when you'd
 23 feel the same way if your children were here? Would
 24 you feel the same way? And when you say everybody's
 25 wearing the respirators and stuff like that, would

RESTORATION ADVISORY BOARD MEETING

OCTOBER 5, 1999

11 (Pages 38 to 41)

<p style="text-align: right;">Page 38</p> <p>1 you let me stand right next to it on the -- off-site 2 where we live and let your children stand right next 3 to us while we breathe the air and have that skin 4 radiation or irritation. Because I believe someone 5 said -- you said it was minor -- minimal. It 6 doesn't matter if it's minimal or minor. It does 7 happen. And -- so, we're understanding -- you say 8 you don't understand or this and that. I read your 9 book over here. It says that you have this -- the 10 water seepage has gone out more than you thought. 11 See, you don't know everything. You're not God. 12 Things happen to us and it's causing us to live -- 13 we're feeling like guinea pigs -- your freshwater 14 microorganisms -- a minnow. When they die, what 15 happens to them? They get flushed down -- What 16 happens to our health? That's what I'm just 17 stating -- I mean, that's just one question there, 18 too. So, you acknowledge that there's contamination, 19 right? 20 Okay. If so, we have -- the 21 board -- what it should do morally right. We do 22 something today, not let time take its toll. 23 Negligence is there and if there was -- why not take 24 action now? Why wait? Today -- like when America 25 sees a problem of tragedy from Kuwait to political</p>	<p style="text-align: right;">Page 40</p> <p>1 then, I did serve on the Appraisal Review Board the 2 last two years and I do believe, as we see, the 3 contaminants and the property values going -- are 4 being affected. 5 I think the statement that 6 General Murdock made as to whether the properties are 7 not being devalued, I think that's not necessarily 8 correct. I believe John Gaines, who is now the 9 Director of the Bexar Appraisal District, is 10 presumably well-concerned -- and not only will it 11 affect the residents, but it will affect the 12 School District -- they will be impacted -- and 13 funding, as we know now within the South San Antonio 14 school district, is very limited. And, of course, 15 the state is providing some funding as to property 16 and they're alleviating some of the concerns, but I 17 do believe that within time there will be presumably 18 class action lawsuits that will be affecting the 19 property values. And I think it is high time that we 20 contact the Bexar Appraisal District and Mr. John 21 Gaines and presumably alert him to begin a program, a 22 model, to reevaluate the properties within the 23 plume. I think it is very urgent, because within the 24 next few years and as we believe, 25 years is too 25 long. And I think that it is time now to begin to</p>
<p style="text-align: right;">Page 39</p> <p>1 unrest, we as a nation take action. Why not take 2 care of our own? Is it because we can't see it and 3 that the board thinks it will go away with time? We 4 spend millions of dollars of taxpayers for this 5 injustice, but the board can't take care of their 6 contamination problem? I'm trying to figure out why 7 we can spend all -- the lady just said. Why do we 8 have to have all this stuff and this and that where 9 everybody's suffering? We can spend all these 10 dollars and all of this money out of all this -- 11 Kuwait and this and that -- but we -- we -- we're 12 here suffering and you can't see it. But if you can 13 see it, would you take action? Would you take action 14 if you could see the harm that you're doing to 15 people? 16 BRIG. GEN. MURDOCK: Yes. We are 17 taking action. 18 MR. PENA: Okay. That should probably 19 do it. You've answered enough. Thank you. 20 (Applause.) 21 MR. MARTINEZ: My name is 22 Tony R. Martinez and I do reside at 23 1842 Rayburn Drive, which is within the plume. I 24 would like just -- make one mention. I was Chairman 25 of the Bexar Appraisal District from 1983 to '85 and,</p>	<p style="text-align: right;">Page 41</p> <p>1 assess properties. Thank you. 2 (Applause.) 3 DR. LENE: Do we have any further 4 comments? 5 MS. HUERTA: Can I make a comment? 6 DR. LENE: Wait a minute. Tanya, we 7 want to keep it to the public right now. 8 MS. HUERTA: Okay. 9 DR. LENE: We will have opportunities 10 later. 11 Any more comments from the community? 12 Yes, sir? 13 MR. PEREZ: My name is 14 Nazarite Perez. I'm -- I live at 627 Hearne. I'm 15 a citizen of San Antonio, a property owner and I -- I 16 live within this area. I just wanted to let you know 17 that I'm -- I'm a researcher and I took law and so 18 forth. I'm an engineer and doing work -- I -- I 19 deal with chemicals. I'm familiar with chemicals. 20 Like, three weeks ago, when 21 City Council -- I mentioned something -- something 22 that I noticed in the newspaper -- and I believe the 23 health department knows about it, too -- in fact, 24 I have even called on some doctor or -- that he 25 lied -- like, something in the budget of last year</p>

RESTORATION ADVISORY BOARD MEETING

OCTOBER 5, 1999

12 (Pages 42 to 45)

Page 42

1 and he came over here and said -- said some other
 2 information in front of a congressman and I -- I
 3 accused him of lying once I approached City Council,
 4 but this passed, of course -- but, of course, I can
 5 come back.
 6 Now, I spoke about the -- the research
 7 that was done, like, three weeks ago that came out in
 8 the newspaper that -- I don't have it with me -- I
 9 didn't come that prepared -- and -- but it was
 10 concerning some cancer that they found within this
 11 area. Tejada -- the congressman -- before
 12 fading -- dying, he -- he sent some more research to
 13 be -- to get some research going in this area -- and
 14 the -- the research just came from the year 1990 to
 15 the year 1994 -- and they found out that cancer
 16 within this region -- this area of Kelly --
 17 Lackland -- was the highest in the State of Texas --
 18 and it was leukemia, the kidney, liver cancer, lung
 19 cancer and, of course, other -- you know, women being
 20 pregnant, having problems and so on. I stated
 21 that -- like I said, I was more prepared.
 22 Now, we can see that -- that happened
 23 a few years ago. I wonder what -- what's going to
 24 happen from the year -- the studies that have been
 25 coming up -- that are coming up from the year 1994 to

Page 43

1 the year 2000. I mean, this is something to
 2 consider. One thing is -- I have -- next month --
 3 November -- I remember a year ago when I was at
 4 St. Mary's University when these two Canadians came
 5 from Canada and explained to us the problems that
 6 could happen by chemicals being in -- in -- in the
 7 upper land -- upper surface of the land -- the
 8 contamination -- how an animal can eat another
 9 animal that's contaminated, it can die. An eagle can
 10 eat that animal and in turn die -- and -- and even
 11 greens -- vegetables or whatever -- people eating
 12 them, getting contaminated. I mean, I have always
 13 spoken about that and I was so happy to see them
 14 saying this, because they're only -- Well, we were
 15 quoting each other. It -- It amounted to that.
 16 So, freely and strongly, I went to
 17 City Council three -- like, two days after that and I
 18 explained to them what happened there -- because I do
 19 report to City Council. I have -- I have spoken in
 20 front of City Council for about 16 times already.
 21 They give me five minutes over there, so I take
 22 advantage -- to try to educate the people, not to
 23 scare them or nothing, to get educated to know what
 24 to do. We do have a problem. I am willing to help
 25 our city -- and, of course, I'm not against the

Page 44

1 Air Force. I helped the Air Force team -- the
 2 Olympic team. I put a lot of years helping the
 3 Olympics. I believe in my country. I believe in the
 4 Air Force. They're -- they're -- they're trying,
 5 except that we're picking on them right now, but we
 6 all need to try to strive and move forward. So, I do
 7 thank you.
 8 (Applause.)
 9 DR. LENE: Yes, ma'am?
 10 MS. GOMEZ: My name is Hermina Gomez.
 11 I live on the fourth zone, I think, here on
 12 1235 Fenfield. Most of my life, I've been here on
 13 this area. As you may recall some years during the
 14 war, there was a hospital. I don't know -- I have
 15 discussed this with other people -- members of your
 16 board -- and, also, other people that were here --
 17 even service people with high ranks. I have
 18 discussed if they remember the hospital, if they
 19 remember this and that and, believe me, they didn't
 20 even know.
 21 My concern is this: That I live in
 22 the area where the hospital was. Apparently, it was
 23 a temporary hospital for the -- they claim now that
 24 it was for some kind of special disease for -- the
 25 servicemen will come to the United States and they

Page 45

1 will -- there to that hospital. I live right on that
 2 area and -- and right beside me, I have a driveway --
 3 and when we built that driveway, we tried to dig in
 4 and -- you know, they were going to put in concrete.
 5 Believe me, they could not go too deep because there
 6 is something blocking around there. I just wonder if
 7 there's anything else that's toxic.
 8 Do you have anything to check? Such
 9 as -- maybe by then -- they have radiation there and
 10 God knows what. The only thing I can tell you --
 11 that my husband and I have been -- we have most of
 12 the disease, the problems and health and this is one
 13 of the reasons I have not been able, really, to
 14 attend regular your meetings, which, to me, is very
 15 interesting. Can you do anything as -- to find out
 16 if there's something in that area -- as toxics or
 17 stuff?
 18 BRIG. GEN. MURDOCK: If I could ask
 19 William Ryan to stand up and if you would give the
 20 individual that -- is Ryan -- William still here?
 21 MR. RYAN: Yes, sir.
 22 BRIG. GEN. MURDOCK: If you would tell
 23 that man -- and he'll approach you after the
 24 question-and-answer -- your address and we'll get in
 25 touch with you and try to determine if, in fact, we

RESTORATION ADVISORY BOARD MEETING

OCTOBER 5, 1999

13 (Pages 46 to 49)

Page 46

1 know what may be located at your location.
 2 MS. GOMEZ: Thank you so much, sir.
 3 MR. QUINTANILLA: Sir, that's a
 4 formerly utilized defense site and it's covered by
 5 the DERP guidance.
 6 DR. LENE: Further comments?
 7 Yes, sir?
 8 MR. MARTINEZ: Good evening -- Good
 9 evening, ladies and gentlemen. My name is
 10 Walter Martinez. I'm a homeowner in the area.
 11 Mr. Quintanilla, how are you?
 12 I have two questions for
 13 clarification. The first is: What is the time line
 14 for the acceptance of this remediation plan and the
 15 process for that? And, number two: What is the role
 16 of the state in the -- in that -- in the approval of
 17 that remediation plan?
 18 DR. LENE: If we could get somebody
 19 from TNRCC to answer that -- Gordon, could you speak
 20 to that, please?
 21 MR. BANNER: You're referring to the
 22 Site S-4 corrective measure study that just came in,
 23 which is the subject of the posters in the -- in the
 24 back?
 25 MR. MARTINEZ: Well, overall --

Page 47

1 to -- to the plan for remediating the different
 2 areas.
 3 MR. BANNER: Kelly's got a permit and
 4 compliance plan which lay out the schedules for all
 5 of the various documents to be submitted to the state
 6 and to EPA for review. As you know, there's plenty
 7 of sites out there. And, so, there's various
 8 deadlines for getting those documents --
 9 MR. MARTINEZ: So, each -- each area
 10 has its own schedule or --
 11 MR. BANNER: Each site.
 12 MR. MARTINEZ: Each site? Has -- Has
 13 any of the plans been approved for any of the sites?
 14 MR. BANNER: Excuse me.
 15 MR. MARTINEZ: Have -- Have any -- Has
 16 the remediation plan for any of the sites been
 17 approved already.
 18 MR. BANNER: Are you referring to
 19 corrective measure --
 20 MR. MARTINEZ: Right.
 21 MR. BANNER: -- plans? No, no -- no
 22 CMIs have been approved, yet.
 23 MR. MARTINEZ: So, when do you expect
 24 the approval to take place?
 25 MR. BANNER: Well, we've got one CMI

Page 48

1 that's been submitted for Site S-8, which is nearby
 2 Site S-4 and that's currently the subject of --
 3 MR. MARTINEZ: Pardon me? I can't
 4 hear you.
 5 MR. BANNER: I said that -- that --
 6 that submittal comes in as a modification to the
 7 permit. So, it's quite a long process for us to
 8 process that permit and review documents.
 9 MR. MARTINEZ: And that's what --
 10 that's submitted to TNRCC?
 11 MR. BANNER: Yeah.
 12 MR. MARTINEZ: And what is the role of
 13 TNRCC in that.
 14 MR. BANNER: We review that and
 15 make -- and make modifications to the document --
 16 suggest modifications -- and approve the document,
 17 ultimately.
 18 MR. MARTINEZ: So, there will be --
 19 there will be input from TNRCC for each plan
 20 submitted for each of the areas?
 21 MR. BANNER: Absolutely.
 22 MR. MARTINEZ: Okay. Thank you very
 23 much.
 24 DR. LENE: Do we have any others?
 25 Yes, sir?

Page 49

1 MR. DOYLE: My name is a Philip Doyle
 2 and many of you know me already. You know that I
 3 work for a legal team that represented CEJA during
 4 their contest of the closure -- post-closure care
 5 permit. You also know that I've stayed involved in
 6 this process as a student at St. -- at St. Mary's.
 7 Now, that I've graduated, I'm going to continue to
 8 work with the folks, particularly in the North Kelly
 9 Gardens area, but also in East Kelly.
 10 Our primary concern, as we continue to
 11 work as advisors to the Legal & Social Justice Clinic
 12 at St. Mary's, are the Constitutional ramifications
 13 of what you're engaging in. Essentially, what you're
 14 doing by implementing a plan that we voice strong
 15 objection to by using natural attenuation is
 16 condemning the property values of these people's
 17 homes for the next 30 years. It is patently a taking
 18 of their property rights. As the Air Force has sworn
 19 to uphold, protect and defend our Constitution, I
 20 don't see how you, in good conscienc, can recommend
 21 a plan that is going to condemn these people's homes
 22 and their property values for 30 years and not say
 23 that you're taking value out of their lives.
 24 Many of these people -- this is the
 25 only equity they have in their lives. It is the only

RESTORATION ADVISORY BOARD MEETING

OCTOBER 5, 1999

14 (Pages 50 to 53)

Page 50

1 source of retirement income that they'll have. If
 2 they can't get loans on these homes, if they can't
 3 sell the property to obtain the value out of it and
 4 do so in a legally-compliant manner with the laws of
 5 the State of Texas -- and -- and as our friends at
 6 TNRCC know, you're required to give full disclosure
 7 in selling property of any known environmental
 8 hazard. How can you, in good conscience, do this
 9 when you know there are more effective ways to clean
 10 these sites up, to do it quicker and to do it in a
 11 way that while, yes, it may cost you more money, will
 12 ultimately ensure the protection of their value -- of
 13 the value of their homes.
 14 (Applause.)
 15 MS. KELLY: Mr. Doyle, I think
 16 you know that that's a question that is at the heart
 17 of claims and litigation that has been filed and it
 18 is not advisable and I am -- I'm requesting the
 19 co-chairs and other members of the board not to
 20 attempt to answer that question.
 21 I would like to add one further
 22 comment for the RAB members, for the co-chairs --
 23 really, members of the public, as well -- I think
 24 this last hour has been rather extraordinary. I've
 25 been coming to RAB sessions for over two and a half

Page 51

1 years and I have never before seen the public
 2 afforded this kind of opportunity -- or the public
 3 take advantage of it -- in that questions -- direct
 4 questions of concern to the members of the public
 5 have been answered on the spot and I think that is
 6 quite an extraordinary thing I hope members here
 7 tonight appreciate. On the other hand, I think there
 8 is a full agenda and I -- I would suggest that the
 9 co-chairs consider moving on with the agenda items
 10 now and allowing opportunity for further public
 11 comment later.
 12 MR. PENA: Do you -- Do you live in
 13 this area -- or -- or am I already cut off?
 14 MS. KELLY: I'm not going to answer
 15 any questions.
 16 MR. PENA: I'm sorry. I forgot. I
 17 don't pay your taxes -- or pay your --
 18 DR. LENE: George, let's keep the
 19 comments to the public. Right now, we need to move
 20 on.
 21 MR. RICE: I'd -- I'd just like to
 22 make a comment. I think that what Mary just said was
 23 quite inappropriate. She asked us not to comment on
 24 something that a member of the public asked us about
 25 and, then, she asked us to get our meeting moving

Page 52

1 because we're running out of time. I don't believe
 2 that that's appropriate, either.
 3 MS. KELLY: We have another
 4 opportunity to comment.
 5 (Applause.)
 6 DR. LENE: There -- There will be
 7 another opportunity for comments further along in the
 8 meeting. So, if you have more comments, then, please
 9 save them for that time and we'll give you another
 10 opportunity.
 11 MS. HUERTA: If I can make a comment,
 12 we do have two positions open on this RAB Board and
 13 if you-all know anybody that would like to serve on
 14 this committee to help make -- to help ask questions
 15 and get answers, please encourage them to apply
 16 because we -- we do need community representatives.
 17 Thank you.
 18 DR. LENE: Okay. At this time,
 19 I think we'll move on. And, so, I'll turn it over to
 20 General Murdock.
 21 BRIG. GEN. MURDOCK: In coming to
 22 closure with this portion of the community comments,
 23 I'd like to recognize some folks that are out in the
 24 audience, because I think it's important that you,
 25 the public, know who they are and -- so that you can

Page 53

1 also engage them with your concerns and comments. We
 2 have a representative from Congressman Rodriguez'
 3 office and I'd ask Jesse Romero if he'd please stand
 4 and be acknowledged.
 5 (Applause.)
 6 BRIG. GEN. MURDOCK: We have an
 7 individual representing Council Member Prado from
 8 District 4, John Delgado is -- if he would stand,
 9 please.
 10 (Applause.)
 11 BRIG. GEN. MURDOCK: And for
 12 County Judge Cyndi Krier, I believe Bill McClain
 13 is -- is here.
 14 (Applause.)
 15 BRIG. GEN. MURDOCK: I would suggest
 16 that those of you that have continuing concerns or
 17 comments, that you also address them to your
 18 respective elected representatives that are
 19 represented here this evening.
 20 With that, let me turn to Agenda Item
 21 No. 3, which is the redevelopment update.
 22 Unfortunately, unless somebody can correct me,
 23 I believe Mr. Roberson is not available to present
 24 the GKDC update with -- however, his -- a copy of his
 25 slides are available and I will ask Mr. Roberson to

RESTORATION ADVISORY BOARD MEETING

OCTOBER 5, 1999

15 (Pages 54 to 57)

<p style="text-align: right;">Page 54</p> <p>1 present that briefing at the next RAB, but we do have 2 a representative from the Air Force Base Conversion 3 Agency to provide an update to the community members 4 and to the RAB and, at this time, I'd turn it over to 5 them. 6 MR. ANTWINE: Thank you, 7 General Murdock. I'd like to say good evening to the 8 RAB -- Is this on? Can everybody hear okay? 9 I'd like to welcome all the community 10 members that come out. I'm Adam Antwine with the 11 Air Force Base Conversion Agency. My boss was 12 introduced a little bit earlier, Mr. McCullough. I'm 13 the Chief of Environmental Programs with AFBCA and 14 we'd like to take this opportunity to introduce the 15 Air Force Base Conversion Agency, not only to some of 16 the new RAB members, but to those of you in the 17 community who may not know who the folks are that are 18 going to take over the cleanup of Kelly Air Force 19 Base and tell you a little bit about what our mission 20 is and what we do in that mission. 21 It's really a threefold mission. One 22 talks to fostering economic redevelopment. As many 23 of you know and as many of you may not know, 24 typically what occurs at closing installations is the 25 base essentially draws down to a point that it</p>	<p style="text-align: right;">Page 56</p> <p>1 about how that process works as we get further into 2 the presentation. 3 On top there, you see the Air Force 4 obligation. I don't -- I don't want to read all this 5 to you, but it's essentially to remediate any -- any 6 Air Force caused contamination from past operations. 7 We're also, as I mentioned a minute ago, obligated to 8 support economic opportunity for the community. At 9 the same time, we retain a lot of responsibility for 10 cleaning up the installation even after it closes. 11 What we're doing right now in order to 12 enhance that economic redevelopment is leasing 13 properties. None of the property at Kelly Air Force 14 Base has yet been transferred by deed, but most of 15 the jobs that have been created thus far are -- are 16 via a leasing process that allows early reuse of -- 17 of these installations. 18 What I have here on my left is a map 19 to give you some feel for the disposition of Kelly. 20 On the gray side of the map here, you can see the 21 runway and what abuts Lackland Air Force Base. That 22 property will ultimately be realigned to Lackland Air 23 Force Base, continue to be an active Air Force 24 mission, ongoing with the Guard and Reserve, as well 25 as become a part of -- of Lackland and -- and be</p>
<p style="text-align: right;">Page 55</p> <p>1 becomes pretty much a ghost town. We -- We have over 2 30 bases around the country where the base closure 3 impact economically has been a great impact in terms 4 of job opportunities that are lost at -- at -- at 5 closing bases. Kelly has been somewhat of a -- a 6 whole different approach to base closure in that 7 redevelopment started occurring way before the 8 Air Force has even departed the installation. So, 9 from that standpoint, Kelly has been a success in 10 terms of fostering economic development from a job 11 creation standpoint. 12 The next mission we have is to take 13 over the environmental cleanup programs at closing 14 bases. We do this at -- at all bases around the 15 United States. As I mentioned, over 30 in -- in -- 16 in the U.S. -- and we have many of the same problems 17 that you're seeing occurring here at Kelly with the 18 type of past operations that have occurred at closing 19 Air Force bases or that had historically occurred at 20 Air Force bases and we're dealing with those same 21 issues at most of them. 22 The third mission we have is the 23 transfer of property and that is to ultimately, 24 by deed, transfer all the surplus property at Kelly 25 Air Force Base -- and I'll talk a little bit more</p>	<p style="text-align: right;">Page 57</p> <p>1 called Kelly Annex. The blue property that you see 2 is the property that is surplus to the Air Force 3 needs and will be transferred via deed ultimately to 4 the Greater Kelly Development Corporation. So, 5 essentially, 50 percent of the base will realign to 6 Lackland, another 50 percent of it will be 7 transferred to the City of San Antonio or to GKDC. 8 We are going to take over the - 9 responsibility for cleaning up that portion of the 10 base that you see in blue. Our obligation in terms 11 of the shifting of the focus from active Air Force to 12 a -- to a closure base for property transfer 13 encompasses many facets. As you see on the -- on the 14 bottom of the chart there, all of our investigations 15 in preparation for leasing of property and 16 preparation for deeding of property have been going 17 on for some time. 18 We -- We came in 1995 when Kelly was 19 announced for closure and began some of the 20 environmental baseline surveys that are required, 21 not only for allowing this property to be leased to 22 the city and, then, ultimately to their tenants, 23 but we're -- we've also been involved in actually 24 ensuring that the restoration activities that are 25 going on here at Kelly Air Force Base are looked at</p>

RESTORATION ADVISORY BOARD MEETING

OCTOBER 5, 1999

16 (Pages 58 to 61)

Page 58

1 in a way such that property transfer is -- is -- is a
 2 viable option -- and what that means, essentially, is
 3 that under -- under the BRAC rules and under BRAC
 4 funding, we're allowed to enhance, essentially, the
 5 investigation, enhance the cleanups through --
 6 through funding that's specially appropriated for
 7 BRAC bases and that is why you see a whole lot more
 8 activity associated with investigation around Kelly
 9 Air Force Base -- and -- and that is one thing that
 10 at -- at BRAC bases -- there's -- there's a big -- a
 11 big benefit to clean up as a result of that. I'll
 12 talk a little bit more about some of the things that
 13 we do prior to allowing this property to be
 14 transferred to the community that will give you a
 15 better feel for what the future holds in terms of
 16 environmental conditions in and around Kelly Air
 17 Force Base.

18 The first bullet there, basically,
 19 states that the actions of -- of putting property
 20 under lease at Kelly have a neutral or positive
 21 environmental impact. What -- What we mean by that
 22 is that all of these potential sources of
 23 contamination that have existed at Kelly Air Force
 24 Base -- and we're mainly talking about underground
 25 systems such as storage tanks, fuel lines, sumps,

Page 59

1 things where cleaning operations or aircraft
 2 operations were conducted -- during the leasing
 3 process, we essentially cut off the potential for
 4 those pieces of the infrastructure to contribute to
 5 the groundwater and soil contamination that exists at
 6 Kelly today. And, so, in that sense, we're -- we're,
 7 number one, preventing any future potential for
 8 tenants that come onto the base to contribute to --
 9 to the Air Force's existing contamination, but we're
 10 also forcing those tenants to look at new ways of --
 11 of producing whatever it is they might be producing.
 12 In this case, most of Kelly is going to be an
 13 aircraft maintenance facility. What they're doing
 14 to -- to accomplish that is moving a lot of these
 15 systems aboveground. They're looking for ways to
 16 minimize the use of -- of hazardous materials. So,
 17 by leasing this property, we feel that this is having
 18 a positive effect on the future potential impact of
 19 environmental contamination in and around Kelly Air
 20 Force Base.

21 The one property right that the
 22 Air Force retains, as stated in the bottom bullet
 23 there, is the right for the Air Force to come back at
 24 any time in the future to clean up contamination that
 25 it may have caused and that's not only during this

Page 60

1 time we're leasing property, but it's also during the
 2 time that property has been deeded. So, by law, we
 3 have an obligation to come back at any time. If it's
 4 found that 50 years from now, the Air Force
 5 contributed some contamination to Kelly Air Force
 6 base that we didn't clean up, we're still responsible
 7 for that. So, just because of the fact that the
 8 property is being deeded to someone else also does
 9 not let the Air Force off the hook for contamination
 10 and their responsibility for it.

11 I'll talk a little bit more about
 12 leases. These leases have very strict requirements
 13 in the language that require the GKDC and their
 14 subtenants to comply with the same rules that the
 15 Air Force has to comply with that may be stipulated
 16 by the TNRCC or by EPA, in many cases, by city code.
 17 We're also finding that as -- as this property
 18 transitions to other entities, they're having to
 19 upgrade a lot of these facilities to meet a lot of
 20 the city codes that the Air Force may have been
 21 exempted from.

22 We talked about permits. The same
 23 rule applies there. Hazardous material management:
 24 I talked a little bit about the fact that we are very
 25 careful to ensure that any problem that the Air Force

Page 61

1 may have had on Kelly Air Force Base is not
 2 extenuated by the fact that someone else is coming in
 3 to operate in that same location.

4 Next chart. This is -- This is a
 5 quotation of the CERCLA 120(h) language that we
 6 include in -- in deeds that essentially guarantees
 7 that the Air Force will take all the necessary
 8 remedial action to protect human health and the
 9 environment before we can transfer the property and
 10 that's what you hear about when we talk about dates
 11 in which this property is going to be available for
 12 transfer. That is driven by when these systems that
 13 were shown earlier were put in place, when they're
 14 final, when they're concurred on by the EPA and the
 15 state to say that they are actually functioning
 16 properly, whether it be an extraction system for
 17 water or any other remedy that we may be putting in
 18 place at Kelly Air Force Base. Before the -- the
 19 property can be deeded to anyone, the EPA and the
 20 state will have the opportunity to say whether this
 21 system is working. So, this is the guarantee,
 22 essentially, that keeps the Air Force on the hook for
 23 ensuring that these systems are proper and that they
 24 meet the regulations that are set forth for -- for
 25 cleanup of soil and groundwater.

RESTORATION ADVISORY BOARD MEETING

OCTOBER 5, 1999

17 (Pages 62 to 65)

<p style="text-align: right;">Page 62</p> <p>1 In conclusion, I'd just like to state 2 that our commitments don't end when the property 3 leaves the hands of the Air Force. We, the Air Force 4 Conversion Agency, right now have been delegated the 5 responsibility by the Secretary of the Air Force to 6 serve in the capacity to ensure that these systems 7 are installed properly -- and -- and we will be here 8 until that's accomplished. 9 We've got information available here 10 on a web site if you'd like to find out more about 11 our organization. We're -- We're going to be taking 12 over that part of the installation that we talked 13 about in blue as early as December of this year. So, 14 we will have the responsibility after that time to 15 conduct the cleanup operations that currently the 16 base is -- is undergoing. We'll be working with the 17 installation up until the time that this property 18 transitions to Lackland on the cleanup of the entire 19 base, but we will retain the responsibility for 20 funding and for executing the cleanup on that portion 21 of the base that will be transferred to the 22 City of San Antonio through GKDC. 23 Are there any questions? 24 MR. SANCHEZ: Yes, I have -- I have a 25 question. I'm sorry. One of the questions I wanted</p>	<p style="text-align: right;">Page 64</p> <p>1 the follow-on activities that will need to be 2 accomplished once the base realigns and -- and 3 closes. So, we have contract support, we have the 4 Air Force Center for Environmental Excellence and we 5 have adequate resources, we feel, today, to -- to 6 accomplish that mission. 7 Yes? 8 MR. RICE: I think my question is 9 related to Sam's -- one -- one of my two questions 10 is. What's going to happen to the environmental 11 staff that Kelly currently has? Will they just move 12 over to your shop? 13 MR. ANTWINE: Many of them will. The 14 majority of that staff is already moving to AFBCA. 15 They're physically staying where they are for a 16 period. Part of that staff will transition to 17 Lackland Air Force Base to support the ongoing 18 cleanup that will become Lackland's responsibility. 19 So -- and, so, essentially, the staff is somewhat 20 split, but the BRAC portion is -- is the largest in 21 terms of resources needed to accomplish the -- the 22 mission. So -- 23 MR. RICE: So, we can assume that 24 those of us on the RAB will essentially be working 25 with the same people after you take over that --</p>
<p style="text-align: right;">Page 63</p> <p>1 to ask: Your agency -- will they have any 2 responsibility in terms of ensuring the environmental 3 systems that are off base -- any -- any of the 4 off-base remedial systems? Will you also have 5 ownership of those systems? 6 MR. ANTWINE: That's correct. 7 MR. SANCHEZ: And will you -- is there 8 some kind of a -- you -- you said an interesting 9 statement, that you would -- there will -- you will 10 ensure that those systems are operating properly. 11 How would you do that? 12 MR. ANTWINE: Actually, there's a 13 period once the systems have been constructed where 14 evaluation, debugging and so forth is accomplished. 15 We anticipate that -- that may take a year -- 16 MR. SANCHEZ: For instance, right now, 17 we have a lot of contractors and a lot of consultants 18 that are working on those systems. Do you have those 19 kind of resources and -- to see that is occurring -- 20 available to your agency? 21 MR. ANTWINE: Yes. To -- To address 22 that, we are actually hiring a lot of the expertise 23 that currently exists at Kelly Air Force Base to 24 accomplish that. We're hiring a staff of about 25 30 environmental professionals to accomplish the --</p>	<p style="text-align: right;">Page 65</p> <p>1 MR. ANTWINE: You know, there's a 2 few -- a few faces, like Pat and myself, who will be, 3 essentially, the -- the new faces to the RAB, but a 4 lot of the same -- same staff will be working and -- 5 and continuing cleanup efforts. 6 MR. RICE: The second question I have 7 has to do with the tenants and tenants that might 8 want to do their own environmental investigations 9 around the property that they're leasing. 10 MR. ANTWINE: Yeah. 11 MR. RICE: When they collect 12 environmental data for themselves, is that considered 13 proprietary information that they don't have to 14 divulge to you or the public or is that information 15 that you get to see and, then, the public will get to 16 see? 17 MR. ANTWINE: Well, in most cases, 18 the -- the tenants coming onto the base are given the 19 opportunity to conduct what we call due diligence 20 and, that is, going out and taking samples of soil, 21 going out and hiring consultants to do investigation 22 where they might question, you know, the -- the 23 validity or the extent of the Air Force data that's 24 made available to them. Typically, we may -- we may 25 choose to split some of the -- some of the samples</p>

RESTORATION ADVISORY BOARD MEETING

OCTOBER 5, 1999

18 (Pages 66 to 69)

Page 66

1 that are taken, for example, but we actually
 2 encourage any of these that come onto Kelly to go out
 3 and do their own investigation so that it's
 4 relatively clear if there's any issue about what's
 5 there, about what's there in the future, that we have
 6 documentation to show whether it existed at the time
 7 they took over the property -- and, of course,
 8 they're concerned very much, just as the community
 9 is, about their future liabilities, coming in and
 10 taking responsibility for properties that may have
 11 some contamination associated with it. So, we do,
 12 in fact, have a lot of the entities that -- that like
 13 to come out and do their own separate investigation.
 14 The availability of that data is
 15 something I really don't have an answer to in terms
 16 of their commitment or their obligation to share
 17 those as public documents, but in -- in many cases
 18 and in most cases, that information is shared,
 19 because they want us to know as well that, you know,
 20 there's something there that we may not have found
 21 or -- or just to ensure that their concerns about
 22 what might be there are -- are met.
 23 MR. RICE: Thank you.
 24 MR. QUINTANILLA: I have two or three
 25 questions. My first question: Do you plan to

Page 67

1 prioritize all those properties that you're taking
 2 over as to which one which will be cleaned up first
 3 and in what sequence?
 4 MR. ANTWINE: Well, essentially, that
 5 prioritization is -- is already pretty consistent
 6 with, you know, the way the Air Force ranks sites --
 7 you and -- you -- you know how relative risk
 8 works. I'd say -- for BRAC properties, as I
 9 mentioned earlier, because of the impact that
 10 potential reusers have on that property, that we have
 11 the opportunity to give that -- that property a
 12 priority in terms of -- of creating jobs and the
 13 economic impacts that allowing that property to be
 14 transferred would -- would provide. So --
 15 MR. QUINTANILLA: I'm not too happy
 16 with what the Air Force is doing. For instance,
 17 the -- the golf course is being cleaned up ahead of
 18 our neighborhood and this is the reason for that
 19 question. Do you have a priority for cleaning up the
 20 properties once you take -- take over?
 21 MR. ANTWINE: Yeah. We -- We have
 22 a -- yes.
 23 MR. QUINTANILLA: You will develop
 24 some?
 25 MR. ANTWINE: Sure.

Page 68

1 MR. QUINTANILLA: And you will present
 2 it to us --
 3 MR. ANTWINE: Sure.
 4 MR. QUINTANILLA: -- possibly in the
 5 January meeting?
 6 MR. ANTWINE: Sure.
 7 MR. QUINTANILLA: We'll -- We'll be
 8 happy to see that.
 9 Now -- Now, why is this property that
 10 is being retained by the Air Force, like the golf
 11 course, being cleaned ahead of our neighborhoods?
 12 MR. ANTWINE: Well, I'm not sure what
 13 you mean by "ahead." All those properties are funded
 14 the same way that property is funded here. We have
 15 to -- We have to comply with rules that say, "You
 16 can't ignore contamination on the golf course,"
 17 because the off-base contamination is -- is -- is a
 18 higher priority. We have to address all the
 19 contamination, all the things that went on on the
 20 golf course, just like we have to address the
 21 groundwater contamination that's migrating off the
 22 base.
 23 MR. QUINTANILLA: All right. On the
 24 golf course, there are six sites that are being
 25 cleaned up and all of those -- four of those sites

Page 69

1 have a relative risk rating of medium and two have
 2 a -- a -- a relative risk -- risk rating of low.
 3 Now, we have other sites in our neighborhoods that
 4 are -- have a -- a high relative risk and that's --
 5 how come those are not being cleaned up? And, yet,
 6 we are cleaning up medium and low.
 7 MR. ANTWINE: Well, I -- I'm not
 8 familiar with any sites that you might be talking
 9 about that are not being addressed, because I'm not
 10 aware of any that we aren't actively, you know,
 11 pursuing.
 12 MR. QUINTANILLA: You are addressing
 13 the golf course, which has -- has -- there are ten
 14 sites, I believe, in there -- and six of those
 15 sites -- four are medium and two are low. That's
 16 your Soil I Study Update.
 17 MR. ANTWINE: Okay. You know, the --
 18 the funding streams, number one, are -- are -- are
 19 different for this property you see in gray and the
 20 property you see in blue. BRAC funding provides for
 21 cleanup over in the blue area. What we call DERA
 22 funding or active Air Force funding provides for
 23 funding here. So, essentially, you're not competing
 24 on this side with sites over here, because they --
 25 they actually have two separate funding sources where

RESTORATION ADVISORY BOARD MEETING

OCTOBER 5, 1999

19 (Pages 70 to 73)

Page 70

1 these funds for cleanup originate.
 2 MR. QUINTANILLA: Yeah. But why are
 3 the funds originating first for the property that is
 4 being retained for the Air Force ahead of our
 5 neighborhoods? Why?
 6 MR. ANTWINE: Well, that -- that has a
 7 lot to do with distribution of funds at the DoD level
 8 on the active Air Force side versus the BRAC side.
 9 And, as I mentioned, we -- we have increased levels
 10 of funding, as Mr. Ryan mentioned, over and above
 11 what the --
 12 MR. QUINTANILLA: Aren't you the BCA
 13 that -- that controls all of this base closure?
 14 MR. ANTWINE: No. No, sir. We
 15 control the funding that's allocated for the surplus
 16 property at Kelly Air Force Base. The active
 17 Air Force will continue to control funding streams --
 18 and that's why there's really no correlation in terms
 19 of priorities as you might -- might be led to
 20 believe, because these are two separate and distinct
 21 funding sources that get justified through two
 22 separate channels.
 23 MR. QUINTANILLA: I'm just concerned
 24 about the environmental justice that is -- that is
 25 happening to us -- to the people that live in the

Page 71

1 contaminated neighborhoods when we're cleaning up a
 2 golf course that's got a lower priority than our
 3 neighborhoods being cleaned up first. That's all.
 4 Thank you.
 5 MR. MURRAH: Has the Air Force
 6 accepted responsibility for that private neighborhood
 7 that he's talking about?
 8 MR. ANTWINE: Accepted responsibility
 9 for the neighborhood?
 10 MR. QUINTANILLA: No. For the
 11 golf course.
 12 MR. MURRAH: No. For the
 13 neighborhood.
 14 MR. ANTWINE: Well -- I mean, we're
 15 out there actively pumping and treating water that
 16 goes into that neighborhood today. So --
 17 MR. QUINTANILLA: We don't have no
 18 pumps in the neighborhood.
 19 MR. ANTWINE: When you say -- When you
 20 say, "Have we accepted responsibility" --
 21 MR. MURRAH: For the neighborhood.
 22 MR. ANTWINE: -- I'm not sure what
 23 else we might do at this point to show that -- that
 24 the responsibility for any that's been created by
 25 Kelly is being -- is being addressed.

Page 72

1 MR. MURRAH: Have -- Have you-all made
 2 that determination? I guess that's what I'm asking.
 3 MR. ANTWINE: Well -- I mean, we've
 4 spent \$150 million so far cleaning up what -- what is
 5 primarily areas that -- that have groundwater,
 6 you know, migrating off the installation. So, we
 7 wouldn't be out there spending that kind of money on
 8 the magnitude of \$30 million a year just on the blue
 9 side if we didn't feel some obligation to do so.
 10 Any other questions?
 11 MS. JOHNSON: Sir, I'd like to ask you
 12 something. You know, I've sat on this board for five
 13 years and it seems to me that even though we --
 14 you-all went out there in the neighborhoods and put
 15 out monitoring wells and all this, it seems to me
 16 like we're always stagnant on the same thing. I
 17 don't see that we have moved towards the community at
 18 all.
 19 This is my last meeting on this
 20 Restoration Advisory Board and I am very sorry to see
 21 that nothing has been done in five years, other than
 22 promises to the public that they will have their
 23 properties cleaned up or there -- there won't be any
 24 contamination or that the contamination just went to
 25 the fence and that's it.

Page 73

1 Also, about people participating --
 2 the community participating -- and I -- you know,
 3 we have been reading that there have only been two or
 4 three people at meetings. All this -- All these
 5 people will come out. If you really want them to
 6 come out, they will. And they are concerned about
 7 their properties, because as you-all leave, we'll
 8 stay here and our children's children will be here.
 9 So, I wish that we could promise something --
 10 you know, this is the end -- the end of 1999 -- maybe
 11 we could have something very definite for the
 12 community and not come back again next year at the
 13 next meeting and have this -- it seems like we
 14 rehearse this over and over again to me. So --
 15 MR. ANTWINE: Well, I'm really sorry
 16 to see you departing as -- as a member of -- of the
 17 RAB, but we're -- we're going to be here,
 18 Ms. Johnson, and we hope that before this is -- this
 19 is all said and done that we'll be able to get folks
 20 just like you to say that you're -- you're satisfied
 21 and that's what -- that's what we're here for.
 22 MR. JOHNSON: Well, I don't see us --
 23 the community -- I don't see the community making
 24 progress with their concerns. I've sat here --
 25 things that come to the table -- I sit here -- and

RESTORATION ADVISORY BOARD MEETING

OCTOBER 5, 1999

20 (Pages 74 to 77)

<p style="text-align: right;">Page 74</p> <p>1 I'm a community member -- and I -- by the time that 2 the -- whatever is being done -- we're here to vote 3 for or against, but these decisions have already been 4 made. So, I don't see any progress for the community 5 at all.</p> <p>6 MR. ANTWINE: But -- but a lot of 7 those decisions, Ms. Johnson, have not been made. 8 We've got several more years of -- of -- of 9 investigation and construction of -- of these 10 remedial activities that in no way would show that 11 it's a done deal. We're going to be here 12 investigating more, studying more -- whatever it 13 takes to ensure that the regulators are happy and 14 that, hopefully, we can convince folks like you that 15 we're doing the right thing.</p> <p>16 Any other questions? Thank you.</p> <p>17 MR. MARTINEZ: I presume you're taking 18 questions from the floor.</p> <p>19 MR. ANTWINE: Sure.</p> <p>20 MR. MARTINEZ: My name is 21 Tony Martinez and I believe your presentation was 22 more or less a concentration on the surplus property 23 and the -- the scheduling of, presumably, when the 24 deed -- the deeds are going to be consummated and, 25 also, the fact that there's a lot of work to be done</p>	<p style="text-align: right;">Page 76</p> <p>1 Leon Creek that will be associated with outfalls 2 that -- that go into Leon Creek -- stormwater. So, 3 it's really on an ongoing -- ongoing program.</p> <p>4 MR. MARTINEZ: Well, as I understand 5 it, it's an ongoing program and -- of course, 6 permitting is done as the work progresses, but my 7 question is: When is the City actually going to take 8 hold of the property? And the reason I'm asking 9 this, as I understood, the planning and the zoning 10 process is on hold pending further progress on -- on 11 the environmental elimination and I believe that 12 certificates of occupancy, as far as the corporations 13 or businesses that are coming in -- I presume there's 14 a -- a limitation on that, too.</p> <p>15 MR. ANTWINE: Well, as far as -- as 16 what I mentioned on city ordinances, compliance -- 17 those -- those are being worked with the 18 City of San Antonio for -- whether it's construction, 19 occupancy, fire -- most of those are requiring that 20 we coordinate with the City to ensure that they're 21 now meeting city codes.</p> <p>22 MR. MARTINEZ: And the reason I'm 23 asking this: At one time or another in the planning, 24 I presume the properties will enter the -- the taxing 25 rolls and I -- I believe there should be some</p>
<p style="text-align: right;">Page 75</p> <p>1 as far as environmental risk elimination. And my 2 question to you is: I believe you touch on the point 3 of permitting and, also, I believe, specifically, 4 there's agencies that will be involved -- 5 specifically TNRCC and also EPA and -- when will the 6 permitting occur?</p> <p>7 MR. ANTWINE: Permitting is occurring 8 as we speak. You know, we've got cleanup permits 9 that are already in place. We have air permits that 10 are either closing or transitioning to other 11 entities. When you talk about permits, there's such 12 a wide variety of permits -- whether it's the 13 sanitary sewer, the actual cleanup that we're doing 14 or air permits -- and they all really have, you know, 15 a variety of different ways in which we accomplish 16 either the transition or elimination of -- of those 17 permits. So, I -- I would have to say it's -- it's 18 an ongoing program -- the permitting program that is 19 depending on what type of -- of permit it is.</p> <p>20 We're working with the San Antonio 21 Water System, for example, on water -- sanitary sewer 22 permits. We work with the TNRCC on air permits, as 23 well as on the cleanup program permits. Stormwater 24 permits are also a big one for us. Many of those 25 permits will transfer to Lackland, those along</p>	<p style="text-align: right;">Page 77</p> <p>1 attention given to the fact that there are properties 2 out there that -- as deeds are generated, that those 3 properties will presumably be placed on the tax 4 rolls.</p> <p>5 MR. ANTWINE: As an environmental guy, 6 I'd have to consult with some of my real estate 7 experts when you start talking about tax rolls and 8 when properties might, you know, be required --</p> <p>9 MR. MARTINEZ: Well, the fact that the 10 deeds are transferred -- I believe they -- they 11 need --</p> <p>12 MR. ANTWINE: I -- I'm not sure on 13 that and I'll have to defer to my boss on that one. 14 So --</p> <p>15 MR. MCCULLOUGH: I'm not a -- I'm not 16 a property expert, either. The right people to talk 17 to are the Greater Kelly Development Corporation on 18 that issue. They were supposed to have a -- a 19 presentation tonight, but their executive director 20 didn't make it back from Washington. He'll be here 21 the next time. He's on the board that Adam's talking 22 about, but he's working all of the tax issues. Our 23 responsibility is to make the property ready to be 24 used for -- for better purposes.</p> <p>25 MR. MARTINEZ: Thank you.</p>

RESTORATION ADVISORY BOARD MEETING

OCTOBER 5, 1999

21 (Pages 78 to 81)

Page 78

1 MS. HUERTA: I have a question related
 2 to that. In the plans that we put out tonight to go
 3 out for public comment, who makes the decision that
 4 there's going to be a deed restriction placed to
 5 minimize further construction contamination? Who
 6 makes those decisions? Is that part of the planning
 7 of the regulators?
 8 MR. ANTWINE: I'm not sure which
 9 document you're reading.
 10 MS. HUERTA: This is the one that was
 11 proposed by the Zone 1 soils.
 12 MR. ANTWINE: Is that TNRCC? Okay.
 13 Deed restrictions be placed?
 14 MS. HUERTA: Uh-huh.
 15 MR. ANTWINE: Okay. Yeah. That's
 16 part of -- say, a remedy is put in place that
 17 requires some type of land use restriction -- in
 18 other words, you can't go in there and disturb the
 19 soil --
 20 MS. HUERTA: Right.
 21 MR. ANTWINE: -- without some kind of
 22 approval. That's the kind of -- of deed restriction
 23 that would be placed in -- in deeds of transfer that
 24 may --
 25 MS. HUERTA: Do you know how many

Page 80

1 might get close to doing something like that, but
 2 I -- those would be the two most likely documents
 3 that would -- would get into that -- that arena.
 4 MS. HUERTA: The Environmental Impact
 5 Statement?
 6 MR. MCCULLOUGH: Right.
 7 MR. ANTWINE: Thank you.
 8 DR. LENE: At this time, we'll move on
 9 to Item 4, the environmental priorities. This is
 10 something we've been putting off for some time now.
 11 It had been proposed that we adopt some environmental
 12 priorities for the RAB and, so, we have come up with
 13 a list of priorities and these were made available to
 14 RAB members for comment and suggestions. And, so,
 15 we're using the comments and suggestions that I
 16 received. I went back and re-cast them. That's
 17 under Tab 6, if you'd like to find that in your
 18 materials -- and you can see that there are five
 19 priorities that we have developed -- and I hope
 20 you've had a chance to read through those.
 21 Now, these are not priorities --
 22 cleanup priorities -- in the sense that -- you know,
 23 which site is first and which site is second,
 24 et cetera and so on. These are priorities from an
 25 overall review. And -- and what we'd like to do now

Page 79

1 acres have those deed restrictions right now?
 2 MR. ANTWINE: Not right now.
 3 MR. HUERTA: Do you know, sir?
 4 MR. MCCULLOUGH: I'm sorry?
 5 MR. ANTWINE: Her question was,
 6 how much acreage might require deed restrictions at
 7 Kelly.
 8 MR. MCCULLOUGH: There's no way to
 9 estimate that right now. I would -- I'd just --
 10 I'd -- I'd hate to hazard a guess, but I don't think
 11 it's -- I think the amount will probably surprise
 12 most people in the -- on the small side.
 13 MS. HUERTA: When -- you know, I spent
 14 some time in the library and I -- I looked at a
 15 document that talked about when the deed would be
 16 transferred to the City -- and -- and I guess it
 17 was the closing document, but it had a specific
 18 amount of acreage that they didn't think would ever
 19 be used for human, you know, contact -- or -- or
 20 human use. Can you tell me what that document was
 21 that I might have looked at? How -- How could I go
 22 look for this document again?
 23 MR. MCCULLOUGH: The Environmental
 24 Baseline Survey might get close to doing something
 25 like that -- or the Environmental Impact Statement

Page 81

1 is look at these real quickly and, then, we can vote
 2 on adopting these for the RAB.
 3 So, if you are comfortable with that,
 4 can someone make a motion that we adopt these?
 5 MR. QUINTANILLA: I -- I would just
 6 like to make a small amendment based on what the
 7 people said, that we should make the cleanup of the
 8 vinyl chloride a priority in the off-base -
 9 contaminated neighborhoods -- add that to it
 10 someplace on -- on this -- on this sheet -- that's
 11 one of the recommendations, also, that was made by
 12 the Clear Water Revival Company.
 13 DR. LENE: You're right about that,
 14 but I -- I think that that's a more specific item and
 15 this, really, does not speak to this type of general
 16 priorities.
 17 MR. QUINTANILLA: I think -- I think
 18 it's important. Because vinyl chloride is a
 19 cancer-causing agent and if it's -- if it's going to
 20 take 25 years to clean up the trichloroethylene -- in
 21 that span of time, that trichloroethylene is going to
 22 degrade and decompose and become vinyl chloride.
 23 DR. LENE: If you'll look at the
 24 second one -- it really comes under that, Armando.
 25 It does not specifically say vinyl chloride.

RESTORATION ADVISORY BOARD MEETING

OCTOBER 5, 1999

22 (Pages 82 to 85)

Page 82

1 However --
 2 MR. QUINTANILLA: That's what I want.
 3 I want it to say --
 4 DR. LENE: But it does say --
 5 what -- "reducing contamination" -- and, of course,
 6 that's part of contamination.
 7 MR. QUINTANILLA: But I want
 8 "vinyl chloride" -- the words "vinyl chloride" --
 9 "for example, vinyl chloride."
 10 DR. LENE: If we go that route, we're
 11 going to have to specify every possible chemical of
 12 concern.
 13 MR. QUINTANILLA: I'm not asking for
 14 every possible one, just vinyl chloride.
 15 DR. LENE: All right. Do I hear a
 16 motion on this?
 17 MR. PERSON: I disagree. I think
 18 we're very, very picky and -- and specific to one
 19 particular chemical which is against what we're here
 20 for to start with. I think that this is a broad
 21 statement that covers the agenda very well. I think
 22 we should go with the way it's written.
 23 MS. HUERTA: I second that motion.
 24 DR. LENE: That is a motion? Are you
 25 making a motion?

Page 83

1 MR. PERSON: I make the motion to
 2 leave it as is.
 3 DR. LENE: Okay. Do I hear a second?
 4 MS. HUERTA: I'll second it.
 5 DR. LENE: All right. Any
 6 discussion -- further discussion?
 7 Then, shall we have a vote? All in
 8 favor of adopting these priorities, raise your hand.
 9 (Vote by the RAB members.)
 10 DR. LENE: Are any opposed?
 11 MR. QUINTANILLA: I want the record to
 12 reflect that I opposed it.
 13 DR. LENE: It shall reflect it.
 14 MR. QUINTANILLA: General, the people
 15 are beginning to move out -- and before they -- all
 16 of them leave, I -- I think it would be appropriate
 17 to -- to -- for me to comment on this: We're having
 18 workshops on -- on how to bring in -- the people into
 19 this thing -- into our RAB meetings. Here, we cut
 20 them off, I believe. We only allowed for two and a
 21 half speakers in -- in the -- in the ten minutes --
 22 four minutes per speaker -- that's only about two and
 23 a half speakers. I think something is in order here
 24 to -- to change this. If we want the people to come
 25 in, we can't just cut them off.

Page 84

1 BRIG. GEN. MURDOCK: I think that
 2 would be a -- a good point to -- to make at the
 3 workshop and, hopefully, bring as a recommendation to
 4 the RAB if, in fact, THE consensus of the RAB is that
 5 there be significantly more time for community
 6 members to present their comments and ideas and,
 7 therefore, allow that to happen. So, I -- I think
 8 that would be an excellent idea.
 9 MR. SANCHEZ: I think -- I think that
 10 could be worked out, but I think, also, that we must
 11 be prepared to shift some of this workload back to
 12 the TRS -- which I think it's already pretty well
 13 bogged down with a lot of other issues -- but it
 14 could be done because -- like, today, the agenda is
 15 pretty busy. It's a -- It's a long agenda and I
 16 doubt that we'll be out of here before 10:00 o'clock
 17 if we stay with this -- if there's some -- some --
 18 some other discussion coming on later this evening
 19 of -- of cleanup and the off-base contamination
 20 issues that are still going to be -- need to be
 21 discussed. So, one of the things we can do is try to
 22 limit agendas in the future to allow for the -- the
 23 community to voice their concerns so that we can hear
 24 that and reflect that back to the Air Force.
 25 Because, you know -- you know, we -- we can't keep

Page 85

1 them here until 10:00 o'clock at night. Many of them
 2 have children and they're going to have to go back
 3 home and those -- and it's an inconvenience to many
 4 people to come out at night and stay until 10:00
 5 o'clock to hear this. So, I think maybe we need to
 6 re -- retool the agendas for the future.
 7 MR. PERSON: Retool or retime?
 8 MR. JACOBI: I might also comment
 9 that -- that I don't believe anyone here that
 10 presented testimony tonight was cut off and that we
 11 spent a great deal more than -- than ten minutes on
 12 public comments and we've provided additional
 13 opportunities for public comments.
 14 MR. QUINTANILLA: You did provide
 15 that. The agenda only allows for two and a half
 16 speakers. I want the agenda to allow for more.
 17 MR. JACOBI: How many speakers did we
 18 have tonight?
 19 MR. QUINTANILLA: It doesn't bother
 20 me. Let's have more meetings. Let's have monthly
 21 meetings instead of quarterly, just like the BCT,
 22 which is a closed meeting. Our meetings should be
 23 open to the people and we should have them more
 24 frequently.
 25 BRIG. GEN. MURDOCK: Okay. I -- I

RESTORATION ADVISORY BOARD MEETING

OCTOBER 5, 1999

23 (Pages 86 to 89)

<p style="text-align: right;">Page 86</p> <p>1 agree that the meetings should be open. I believe 2 these meetings are open and if we have further 3 discussion on this, we have an avenue to discuss that 4 Thursday evening at the workshop and I'd ask that we 5 defer any further discussion until then. 6 MR. QUINTANILLA: Will the workshop be 7 at the Kelly chapel, sir. 8 BRIG. GEN. MURDOCK: That's correct. 9 MR. QUINTANILLA: At 5:30? 10 BRIG. GEN. MURDOCK: Yes. 11 MR. QUINTANILLA: And the public is 12 invited? 13 BRIG. GEN. MURDOCK: Yes. And I'll 14 address that as we approach that agenda item. 15 The next item that we have is 16 responsibility of the determination process that is 17 worked by the regulators -- and there is a position 18 paper or a paper that describes that process, but I'd 19 turn to Gordon Banner at this time to provide any 20 additional information he may have on that 21 responsibility of determination -- or -- or to you, 22 Laura, however you want to address that. 23 MR. BANNER: Thanks, General. This 24 was an action item from Ms. Huerta. She had asked 25 what was the determination process that groundwater</p>	<p style="text-align: right;">Page 88</p> <p>1 isn't. I -- I think the questions that came up 2 tonight about where in the country this has been 3 tried and where in the world and -- how do you make a 4 decision which permits you'll approve and which you 5 wouldn't? Is that through the -- the BRAC committee 6 or is there a process with that or -- 7 MR. BANNER: Well, the permitting 8 process is -- is separate from this process that 9 we've laid out here. 10 MS. HUERTA: Right. This is the -- 11 yeah -- this is the -- the question that I asked, 12 but I -- I think there's -- just that -- you know, 13 how does -- how does the EPA and the TNRCC work 14 together to determine what's an acceptable 15 practice -- a cleanup practice -- or what 16 acceptable monitoring practices are? 17 MR. BANNER: Well, let me -- let me 18 ask this: Does this response address the question 19 that you -- from the last RAB regarding whether or 20 not -- 21 MS. HUERTA: Yeah. How they determine 22 who's responsible, yes, that does. 23 MR. BANNER: Yeah. Well, determining 24 whether or not groundwater has been impacted, 25 I think, is --</p>
<p style="text-align: right;">Page 87</p> <p>1 has been impacted. So, it's slightly misnamed there 2 in the -- in the agenda. The agenda has it as 3 responsibility determination of that. So, it's a 4 little -- 5 MR. MURRAH: What tab number are you 6 on? 7 MR. BANNER: That's No. 7, right after 8 priorities. 9 MS. HUERTA: Gordon, can you just come 10 a little closer to the microphone? Because we're 11 having a hard time hearing you. 12 MR. BANNER: Sure. 13 MS. HUERTA: Thanks, sir. 14 MR. BANNER: So, Tanya, have you had a 15 chance to -- to look through that and does that -- 16 does that answer your question? Tanya? 17 MS. HUERTA: Yes, sir. I -- I'm 18 thinking. Yes, sir. I think -- I think it does. 19 I think that the question keeps coming back to 20 permits and -- and how you control which permits 21 approve which sites for the cleanup process and I 22 notice this helps us determine which party may be 23 responsible, but I think there's a lot of community 24 questions about the permits and how as regulators you 25 determine which is an acceptable practice and which</p>	<p style="text-align: right;">Page 89</p> <p>1 MS. HUERTA: Yeah. 2 MR. BANNER: Yeah. 3 MS. HUERTA: Right. And how would 4 they ever find out who's responsible for that? 5 MR. BANNER: Yeah. 6 MS. HUERTA: Yeah. 7 MR. BANNER: So, now, you have a 8 question about permitting and -- 9 MS. HUERTA: Yeah. I -- I think some 10 of the questions we heard tonight was -- about 11 permitting and who decides what's clean enough -- 12 just some of the processes that government agencies 13 go through in -- in working with Department of 14 Defense in cleaning up places like Kelly. Because, 15 obviously, you represent the State and Laura 16 represents the Environmental Protection Agency. And 17 somewhere there's a permit process and deed 18 restrictions and -- you know, how does all that start 19 relating together as we get closer to closing this 20 base? Does that help you? Ask me a question. 21 MR. JACOBI: If -- if -- if I could 22 make a comment at this point, the -- the TNRCC has 23 approximately 2,700 employees statewide. 24 MS. HUERTA: Okay. 25 MR. JACOBI: And of -- of these 2,700</p>

RESTORATION ADVISORY BOARD MEETING

OCTOBER 5, 1999

24 (Pages 90 to 93)

Page 90

1 employees, approximately 200 of them are attorneys
 2 engaged in the practice of law on behalf of the
 3 State. I'm an outsider looking in. I don't work for
 4 TNRCC. I work for the Texas Department of Health.
 5 We have 5,700 employees and we have 20 attorneys. I
 6 assure you that the TNRCC take ample opportunity
 7 to -- to review the legal aspects of anything it does
 8 and doesn't do. I -- if -- I -- I'm sure that --
 9 that Gordon could describe that in great detail --
 10 that he has a lot of lawyers looking over his
 11 shoulder trying to make sure that they're doing the
 12 right thing.
 13 MS. HUERTA: To protect the rights of
 14 Texas, right?
 15 MR. JACOBI: The rights -- rights of
 16 Texas --
 17 MS. HUERTA: To protect the TNRCC?
 18 MR. JACOBI: They have state statutes,
 19 they have state rules and regulations that are -- are
 20 published and you have opportunity for public comment
 21 on. They have federal statutes and regulations that
 22 they have to comply with and I -- you know, not to
 23 try and defend them, but they are doing everything
 24 they can to dot every possible "i" and cross every
 25 possible "t" to assure that they do the best possible

Page 91

1 job of cleaning up the environment as quickly and as
 2 efficiently as possible and sometimes it gets
 3 extremely difficult when -- when the rules are not
 4 necessarily clear or consistent from one program to
 5 another, but -- you know, Gordon can probably give
 6 you all kinds of stories about that.
 7 MS. HUERTA: And that's what -- that's
 8 what -- that's what needs to be said.
 9 MR. JACOBI: Sure.
 10 MS. HUERTA: That's what needs to be
 11 said.
 12 BRIG. GEN. MURDOCK: George?
 13 MR. RICE: Yeah. I have a question
 14 for Gordon along these lines -- talking about
 15 determining responsibility for groundwater
 16 contamination, Gordon. Has the TNRCC determined
 17 responsibility for any of the groundwater
 18 contamination off base? Have you --
 19 MR. BANNER: That plume there is
 20 clearly from the Air Force, wouldn't you agree?
 21 MR. RICE: Which plume are you
 22 referring to?
 23 MR. BANNER: The S -- The S-4 plume.
 24 MR. RICE: The S-4 plume?
 25 MR. BANNER: Yeah.

Page 92

1 MR. RICE: And that's the TNRCC's
 2 position, that that's caused by the Air Force?
 3 MR. BANNER: Well, we've not put
 4 anything in writing. Do you want something in
 5 writing?
 6 MR. RICE: Oh, I'd love to see
 7 something in writing.
 8 MR. BANNER: Well, submit your request
 9 in writing and we'll -- we'll see about answering
 10 that. How does that sound?
 11 MR. RICE: I'll do that.
 12 MR. BANNER: Okay. Thank you.
 13 MR. QUINTANILLA: I'll co-sign that
 14 with you, George.
 15 MR. RICE: Okay.
 16 MR. PUFFER: I would like to suggest
 17 to -- to Tanya -- and this is my understanding --
 18 possibly, a simple flowchart of the process that a
 19 permit goes through and the steps if it's possible --
 20 a simplified flowchart -- so we can see what agencies
 21 that this permit goes through -- just a simple --
 22 like, computer-type flowchart.
 23 MS. HUERTA: Like we did with the
 24 organizational chart of all people that are involved
 25 in the cleanup issues.

Page 93

1 MR. QUINTANILLA: I think that's been
 2 done before, way back in the '90 -- '94 -- when we
 3 first started out.
 4 MR. PERSON: We've done this before.
 5 MR. QUINTANILLA: Yeah.
 6 MR. PERSON: We've been through
 7 (inaudible) -- and there's a flowchart available.
 8 BRIG. GEN. MURDOCK: Let -- Let us
 9 research previous minutes and documentation from
 10 meetings and if we can't -- and, hopefully, find that
 11 information. And if we can't, we'll try and dialogue
 12 with the regulators to -- if we can find that, have
 13 it available for the next RAB.
 14 MS. HUERTA: Thank you, sir.
 15 MR. JACOBI: If I could interject,
 16 those flowcharts are accurate for about a week and
 17 the -- the rules change. So, I -- you know, what you
 18 get will be as accurate as can be -- as possible
 19 under the circumstances at that particular point in
 20 time, but -- but the rule-making process and the
 21 statutory process is ongoing -- and, in fact, it does
 22 change. So -- just understand that that's a general
 23 guideline and if you follow the flowchart to the
 24 nth degree, it may not -- may or may not result in an
 25 understanding of the permit.

RESTORATION ADVISORY BOARD MEETING

OCTOBER 5, 1999

25 (Pages 94 to 97)

<p style="text-align: right;">Page 94</p> <p>1 The -- The permitting process, 2 obviously, is quite lengthy and -- and by the time 3 you get to the end, you may not be playing by the 4 same set of rules. 5 MS. HUERTA: Right. Okay. 6 BRIG. GEN. MURDOCK: I think folks are 7 more than ready for a break. Because we have run 8 over, I'd ask that we strictly adhere to a ten-minute 9 break -- if we could come back to our places at 25 to 10 the hour, please. 11 (Recess taken.) 12 BRIG. GEN. MURDOCK: If I could ask 13 the RAB -- RAB members to please take their seats, 14 we'll begin the second half of the agenda items. 15 The next item on the agenda is the 16 subcommittee reports -- the technical subcommittee 17 meeting report, and for that, I'll turn that over to 18 Dr. Lene. 19 DR. LENE: All right. After going 20 into the break, we would like to go into Item 7, 21 which is the subcommittee reports -- and this is the 22 report of the technical subcommittee. Before we -- 23 Yes, ma'am? 24 MS. HUERTA: Tell us what tab number 25 it is.</p>	<p style="text-align: right;">Page 96</p> <p>1 very short meeting, apparently -- and we had our -- a 2 presentation from Mr. Shawn Slattery of CH2M Hill and 3 he gave a presentation on the Zone 1 Corrective 4 Measure Study. 5 On the September 14th meeting, 6 Mr. Gary Tiedeman of SAIC gave a presentation on 7 Site S-4 Corrective Measure Study Addendum and he was 8 followed by Dr. Steve Young who gave us the technical 9 side and talked about the calibration and application 10 of the groundwater and transport model that was used 11 at that location. Also, Mr. Jeff Neathery gave his 12 draft report to the TRS on his review of the 13 Zone 4 OU-2 Work Plan. Mr. Neathery will be 14 (inaudible) -- to give you the final report. And, 15 then, also, prior to the meeting -- the September 14 16 meeting -- we asked the EPA and the TNRC and the -- 17 and Kelly Air Force Base to comment on the review by 18 Mr. Patrick Lynch by Clear -- of Clear Water 19 Revival -- on the -- the Kelly Air Force Base 20 Compliance Plan Report -- and if you'll look at Tab 9 21 and -- yeah -- I believe it's Tab 9 -- those 22 letters are there for your perusal and, also, the 23 response from the Air Force. The Air Force did make 24 a presentation at the meeting and they rebutted some 25 of the things that Mr. Lynch had to say.</p>
<p style="text-align: right;">Page 95</p> <p>1 DR. LENE: Oh, there's no tab number. 2 It says -- under -- 3 (Interruption.) 4 DR. LENE: Okay. Are we on? 5 Okay. We're ready. Actually, we've 6 only had two TRS meetings since the last RAB 7 meeting. And, so, that one on July 13 -- actually, 8 that was the third after the last RAB meeting -- and 9 that's when Laura gave us the update on the 10 groundwater sampling. She tells me -- She gave me a 11 further update and she said that they do have the 12 funding for 25 wells, plus about ten soil samples -- 13 (Interruption.) 14 DR. LENE: Not getting it, right? 15 (Pause.) 16 DR. LENE: Okay. On the July 13th 17 meeting -- we've already reported that at the last 18 RAB meeting -- because that was just prior to the 19 last RAB meeting -- and, Laura, you read through that 20 and you talked about the 25 wells that were 21 selected -- and Laura has told me that they do have 22 the money to sample and analyze the samples for 25 23 wells, plus about ten soil samples. So, we'll be 24 looking into that. 25 On the August 10th meeting -- we had a</p>	<p style="text-align: right;">Page 97</p> <p>1 As far as the TAPP Program, 2 we're making good progress on that -- and I've got to 3 find it. What did I do with it? Got one? Okay. 4 There we go. The TAPP update -- the TRS has been 5 working on this for quite some time now and we're 6 moving right along. For fiscal year 1998, we have 7 now completed the review of the -- by Mr. Lynch of 8 the Kelly Air Force Compliance Plan Report -- and, 9 now, of course, we're working on the -- on the 10 Zone 4 OU-2 Work Plan of Mr. Neathery, who's going to 11 be -- this just next -- and that will be his 12 completion. Now, he will be taking questions tonight 13 and he will be responding to any questions that you 14 may have on his report. 15 Then, also, we have let the report to 16 Dr. Kathy Squibb of University of Maryland and she 17 now has the report in hand, I understand, and that 18 she will be down on the 20th of October for a 19 pre-performance meeting -- and, so, we will be 20 meeting with her to explain to her what we expect 21 from her review. 22 Then, for '99, the contracts have been 23 let for three different studies and that's the -- you 24 can see those listed there and there's no point in 25 going through them, but -- you can see that the</p>

RESTORATION ADVISORY BOARD MEETING

OCTOBER 5, 1999

26 (Pages 98 to 101)

<p style="text-align: right;">Page 98</p> <p>1 report that we've chosen and the contractor who is 2 going to review that report is there. And, so, that 3 will be starting and we'll let -- and we'll set up 4 pre-performance meetings for those people. 5 Then, for FY 2000 -- this is something 6 we need to take up next week at the TRS. We have 7 suggested that the -- the -- the reports that you 8 see there be the next group of TAPP reviews. And, 9 so, that will be the Site MP Corrective Measure 10 Study, the Site S-8 draft final CMI -- and, then, 11 also, the ATSDR still owes us an air sampling report 12 and we'd like to get that looked at, as well. So, 13 this is something we'll discuss next week at the 14 TRS -- this last part. 15 Okay. That's all I have for the 16 subcommittee. Any questions about -- 17 MR. QUINTANILLA: Just one -- 18 DR. LENE: Yes. 19 MR. QUINTANILLA: -- Dr. Lene. How 20 much did we pay Mr. Lynch? 21 DR. LENE: I don't know the exact 22 figure, but Dan is here. He can probably give us 23 some clue. May I ask the -- 24 MR. ZYTOPEK: Just under 7,000. 25 DR. LENE: How much, Dan?</p>	<p style="text-align: right;">Page 100</p> <p>1 the person? I have a question on this -- on the 2 report. 3 DR. LENE: On the -- 4 MR. PENA: The TAPP report that you 5 went over -- Section 9 -- on your remarks -- 6 Tab -- Tab 9 -- first page. Are you taking 7 questions or who should -- 8 DR. LENE: Just a moment. 9 MR. PENA: -- I ask the question? 10 "Kelly Air Force" -- "responses to TAPP Review" -- 11 DR. LENE: Oh, I see. Okay. We'll 12 have to ask the Air Force about that. Who -- Is 13 William here? 14 MR. PENA: Who's taking questions? 15 DR. LENE: He is. 16 MR. PENA: Okay. It says, "This 17 finding indicates that contaminated groundwater is 18 moving away from Kelly Air Force Base much faster 19 than previously thought." Doesn't that scare you? 20 I mean, you're -- someone who understands it is an 21 expert -- and what they're stating is that they 22 thought it was supposed to slow down. Doesn't that 23 scare you? I just thought -- I don't know if you've 24 ever seen the movie The Blob, but can you imagine it 25 just spreading and spreading? Doesn't that concern</p>
<p style="text-align: right;">Page 99</p> <p>1 MR. ZYTOPEK: Just under \$7,000. 2 DR. LENE: Under \$7,000. 3 MR. QUINTANILLA: Thank you very much. 4 DR. LENE: By the way, one of the 5 things we've noticed are that these plans are coming 6 in under budget, so to speak, and we're not using all 7 the money that we have -- we have available to us and 8 Mr. Zytopek has found out that we can actually apply 9 that money to a fifth year. So, we will not lose 10 that money. We'll just put it off. 11 MR. JACOBI: If I could comment on 12 that, I think your fiscal years are off by one. 13 See, the first effort actually occurred, I believe, 14 in FY '98 -- and, then, I think you're talking about 15 FY 2000 and 2001. 16 DR. LENE: I believe they are -- 17 yeah -- Okay. All right. Yeah. Okay. 18 Okay. Yeah. It's been pointed out 19 that the years are a little off. Okay. So, it 20 should start with '99 -- 2000, 2001. 21 Any other questions about this -- 22 MR. PENA: I have a question for -- 23 DR. LENE: Yes, sir. 24 MR. PENA: You said that I could talk 25 to somebody for the TAPP report. Who's going to be</p>	<p style="text-align: right;">Page 101</p> <p>1 you or -- 2 MR. RYAN: Sure, it does. 3 MR. PENA: I mean -- to me -- when I 4 read this, it scared me. I mean -- I mean -- I'm 5 not -- I'm not even an expert, but can you imagine an 6 expert stating the fact -- here, I'll show you -- 7 in fact, I'll give you the page number -- third 8 sentence from the bottom. It starts with, "This 9 indicates" -- 10 MS. PULIDO: What page? 11 MR. PENA: It's TAPP I -- Here -- 12 while I give it to you. 13 (Pause.) I mean, whoever did this 14 report was an expert, right, or am I going out on a 15 limb on that? Whatever -- the report -- I mean, 16 I don't know. I would -- I would think that someone 17 with -- you know, had more schooling than I did, so 18 they would already know what was what. So, what I'm 19 trying to say is, it's kind of scary. But you can 20 read this -- by just this, can you imagine? They're 21 saying other contaminants shouldn't be, but maybe 22 we're impacted if they're wrong. I mean, you're 23 playing with our lives. That's what I'm trying to 24 reiterate. I'm trying to let you know. I mean, 25 would you -- do you have kids? Let's just go off the</p>

RESTORATION ADVISORY BOARD MEETING

OCTOBER 5, 1999

27 (Pages 102 to 105)

Page 102

1 record.
 2 (Discussion off the record.)
 3 DR. LENE: Okay. Well, you -- you
 4 need --
 5 MR. PENA: All right. Sorry. But I'm
 6 just asking him this one question.
 7 DR. LENE: None of us can hear what
 8 you're saying, so we can't even follow it and it's
 9 hard to put it on the record. Because she --
 10 MR. PENA: Well, you understood what I
 11 just said, right? Can you tell them exactly what I'm
 12 saying?
 13 MR. RYAN: Do you want to go up to the
 14 microphone?
 15 MR. PENA: You want me to go to the
 16 microphone? Do you want -- I -- I -- Do you mind?
 17 Because they're not listening to me and maybe they
 18 can listen to you.
 19 I'm just stating the fact that it --
 20 it says in here that the contamination of groundwater
 21 is spreading much faster than they thought it was.
 22 So, what I'm trying to say is, it's kind of scary
 23 that you're thinking it's going to be confined --
 24 like, for instance, this area -- but it's moving
 25 faster and this area is the people that are right

Page 103

1 here and that's what I'm trying to state. It's kind
 2 of scary trying to visualize this. And, then, you're
 3 saying -- of the contaminants -- like, "Well, it's
 4 mild irritation," or something like that. Well, how
 5 do you know? You don't know that. You didn't know
 6 this was, right? I'm just trying to say -- because
 7 if you don't know this, then how do you know that? I
 8 know everything's not "A" and "B" equals "C," but --
 9 I'm just trying to say -- it's just kind of scary.
 10 Because we live here. We -- We get this thing -- and
 11 I don't want to find out in 25 years, you know,
 12 I've got something growing out of my head or
 13 something. Because -- I mean, money's not going to
 14 pay for that. I mean, I -- I mean, no offense.
 15 I like my -- myself the way I am. God gave me this
 16 and I just don't want to mess it up. That's what I'm
 17 trying to state. And I think this is what these
 18 people are staying to state, too, that they're
 19 very -- they don't understand what's going on and the
 20 people that are telling us what's going on -- they
 21 don't look like they -- they don't understand,
 22 as well, and that's where we're getting that, like,
 23 scariness. I mean, I'm saying this, probably, for my
 24 own -- I don't know about them, but I'm just saying
 25 that to myself. That's what I'm trying to say. It's

Page 104

1 kind of scary and that's what I'm saying about your
 2 report.
 3 MS. PULIDO: I -- I -- I kind of
 4 agree with you. I mean, I know that -- we know that
 5 it's contaminated, we know -- my -- my thing is --
 6 okay -- we know it's contaminated. Clean it up.
 7 Okay. So, we're going to have to
 8 spend millions of dollars, but -- I mean, either you
 9 pay to clean it up quickly -- and I mean quickly -- I
 10 don't mean 25 years -- or you're going to end up
 11 paying people to purchase their homes, because --
 12 I mean, they're not going to live there.
 13 MR. PENA: Or Medicaid or the -- the
 14 social system that -- we're going to have to --
 15 someone's going to pay for it, you know.
 16 My mother had a liver operation and
 17 she had -- they had to pay. I'm just saying -- we're
 18 trying to save money and we're not really saving the
 19 dollars. We're going to lose more. And -- I mean,
 20 I'm just trying to say -- I'm just trying to
 21 understand why -- you-all have to understand it's a
 22 money thing -- that's what is so confusing. Would
 23 you put money on your child's life?
 24 DR. LENE: Okay. I believe we've kind
 25 of gotten off track here.

Page 105

1 MR. PENA: Okay.
 2 DR. LENE: We will -- We will have
 3 another comment period and that's the time when you
 4 really should bring it up.
 5 MR. PERSON: Gene, could I make a
 6 comment before you move on?
 7 DR. LENE: All right.
 8 MR. PERSON: The portion that he's
 9 reading from on the TAPP report are the Kelly
 10 Air Force Base Responses to TAPP Report. The part
 11 that you're reading is the guy's report that was
 12 written. This is his opinion of something that he
 13 reviewed -- a document that he reviewed. He has no
 14 actual facts or information on what he read to make
 15 that statement.
 16 MR. PENA: See? And that's what --
 17 MR. PERSON: So, what we have here --
 18 what we have here is nothing more than his opinion.
 19 Okay? And you have an opinion, this guy had an
 20 opinion, this guy wrote it down. Okay? And that's
 21 what this is. As far as factual data to back it up,
 22 he doesn't have that.
 23 MS. PULIDO: Then why put it in
 24 here?
 25 MR. PERSON: This was his report that

RESTORATION ADVISORY BOARD MEETING

OCTOBER 5, 1999

28 (Pages 106 to 109)

Page 106

1 the TAPP paid -- he was a contractor that we hired to
 2 review a document. Okay? And this is the review.
 3 This is what he got out of that document. This is
 4 what he read into that document and this is the
 5 report that he wrote.
 6 MR. PENA: So, was he biased or was he
 7 just like --
 8 MR. PERSON: He was supposedly
 9 unbiased.
 10 MR. PENA: Okay.
 11 MR. PERSON: But I can't say that
 12 that's fact or not fact, because this is his
 13 opinion.
 14 MR. PENA: Okay.
 15 MS. MEDINA: Was he a professional?
 16 MR. PERSON: Yes. He was a contractor
 17 that was picked by the RAB.
 18 MS. MEDINA: So, he was experienced
 19 with the problem? He's educated in this type of
 20 problem?
 21 MR. MURRAH: He -- He has no
 22 background other than just picking up somebody else's
 23 report and looking at it.
 24 MS. MEDINA: Okay. What was his job?
 25 MR. MURRAH: He -- Well, it's just

Page 107

1 like myself. If I were to look at your report and
 2 made an opinion based on what you wrote -- that's
 3 what he did.
 4 MS. MEDINA: What is his job?
 5 DR. LENE: Well -- Okay. We -- We
 6 need -- We need to -- First of all, we need to get
 7 you the microphone if you want to talk so we can
 8 hear.
 9 MS. MEDINA: (Inaudible.)
 10 DR. LENE: Yes. And, also, to answer
 11 your question, Mr. Patrick Lynch is an environmental
 12 expert out in California. He works for the
 13 Clear Water Revival Company and they -- he is a
 14 consultant -- and under the TAPP Program, we hired
 15 him to give an independent review of the Air Force
 16 report and what you're reading there is part of his
 17 independent review.
 18 MS. MEDINA: In other words, he's not
 19 just somebody off the street? He's somebody --
 20 DR. LENE: Oh, no -- no, no. His
 21 credentials were very carefully checked. This is
 22 the --
 23 MS. MEDINA: And his view is
 24 important?
 25 MR. PERSON: However, you could hire

Page 108

1 another consultant right here in town -- pick any one
 2 out of 15 -- and get 15 different answers all --
 3 DR. LENE: Exactly.
 4 MR. PERSON: This is his opinion and
 5 his --
 6 MS. MEDINA: In your opinion --
 7 MR. PERSON: This is what he wrote.
 8 MS. MEDINA: In your opinion -- are
 9 you belittling his view or --
 10 MR. PERSON: No, ma'am. I'm not
 11 saying that -- I did not say that. I said, he has an
 12 opinion. This is his opinion. That's what I said.
 13 Okay? And if I go out and hire another consultant
 14 tomorrow and he reads the same report, he would come
 15 up with his opinion and it may be different, it may
 16 be the same.
 17 MS. MEDINA: So -- I -- So, would it
 18 be like a doctor's view and another doctor's view?
 19 MR. PERSON: I -- I'm --
 20 MS. MEDINA: If they're both
 21 doctors --
 22 MR. PERSON: I'm not a doctor.
 23 I can't tell you.
 24 MS. MEDINA: I didn't ask if you were
 25 a doctor.

Page 109

1 MR. PERSON: You're asking about a
 2 doctor's review.
 3 MS. MEDINA: I'm asking you -- I'm
 4 asking -- Well, it's the same thing.
 5 MR. PERSON: Okay. Let's -- Let's use
 6 that, for instance. You go to a doctor and he said
 7 one thing and another doctor says something else.
 8 MS. MEDINA: Yeah. That's what I'm
 9 telling you.
 10 MR. PERSON: Same thing.
 11 MS. MEDINA: That's all I asked you.
 12 MR. PERSON: Same thing.
 13 MR. QUINTANILLA: Ms. Medina, I agreed
 14 with Mr. Lynch's report. I think -- we paid him
 15 under \$7,000 to review \$100,000 -- I don't know how
 16 much the CH2M Hill report cost that he reviewed, but
 17 CH2M Hill or some company like that made the report
 18 and he reviewed it and -- and this is -- what he is
 19 saying here was his findings to the RAB board -- to
 20 the people that hired him -- and the TRS committee
 21 hired him for the RAB.
 22 MS. MEDINA: You know, I just want to
 23 know. I mean, does his review count as anything --
 24 you know, just like a doctor or just like a teacher?
 25 DR. LENE: It's sort of like going to

RESTORATION ADVISORY BOARD MEETING

OCTOBER 5, 1999

29 (Pages 110 to 113)

<p style="text-align: right;">Page 110</p> <p>1 a doctor and he gives you a diagnosis, then you go to 2 another doctor and get a second opinion. 3 MS. MEDINA: Okay. Then, it's not 4 somebody's opinion just off the street, in other 5 words? 6 DR. LENE: No. 7 MS. MEDINA: It's not (inaudible) -- 8 education? 9 DR. LENE: Yes. 10 MS. PULIDO: That's what you chose to 11 put in this book -- this -- this -- for us to see, 12 right? 13 MR. PERSON: Well, that was what he 14 wrote -- that's what he wrote. 15 DR. LENE: That's what he wrote. 16 MS. PULIDO: That's what she's trying 17 to say. 18 MR. PERSON: I mean, we -- we divulged 19 the information that he gave us, which is what 20 we're -- what we're here to do -- is divulge 21 information to the public. We gave you what he gave 22 us and this is what he thought. 23 MS. MEDINA: That's what you-all paid 24 him to do? That was his opinion? 25 MR. JACOBI: This is the report that</p>	<p style="text-align: right;">Page 112</p> <p>1 MR. PERSON: The purpose of -- The 2 purpose of what we do here is to hire a contractor to 3 review the information and disseminate the 4 information in a way that everybody can understand 5 it. Now -- and that's what this document is right 6 here -- and I'm sure that's public information, 7 correct. Okay? 8 MS. MEDINA: Okay. 9 MR. PERSON: So -- I mean, you're -- 10 you're entitled to a copy of that report if you want 11 to read it. 12 MS. MEDINA: I'm sorry? 13 MR. PERSON: You're entitled to a copy 14 of this report if you would like to read it -- the 15 whole report. 16 MS. MEDINA: Okay. 17 MR. PERSON: This is an excerpt from 18 that report right there. 19 MS. MEDINA: Okay. That sounds good. 20 MR. PERSON: Okay? 21 MS. MEDINA: Uh-huh. 22 MR. SANCHEZ: For the -- For the 23 mem -- benefit of the community members, this TAPP -- 24 can you hear me -- this TAPP process that the 25 RAB Board has was to give us a -- an independent</p>
<p style="text-align: right;">Page 111</p> <p>1 he wrote and provided to the RAB and -- and I -- I 2 would suggest -- I think that -- that he was selected 3 by the community members of the RAB. 4 DR. LENE: Yes, he was. 5 MR. JACOBI: So -- you know, the -- 6 the regulatory agencies didn't have anything to do 7 with the selection. I'm sure Armando had something 8 to do with it and George had something to do with -- 9 with -- with who got selected. They interviewed 10 people, selected somebody with -- with what they 11 believed would be certainly adequate, if not the best 12 credentials that they could find, that the people 13 expressed an interest in and this is -- this is a 14 gentleman that they hired and -- and this is the 15 result of his effort. 16 MS. MEDINA: You know, it's just -- 17 we'd like to know who -- who this person is, 18 his background and, really, if he says he stands for 19 something or -- or is he somebody off the street. 20 I mean, that's the way -- 21 MR. JACOBI: No. 22 MS. MEDINA: -- you know, we're trying 23 to -- in my -- my view -- Well -- Oh, that's just 24 an opinion. But who -- who is he? How much 25 education does he have?</p>	<p style="text-align: right;">Page 113</p> <p>1 assessment of -- from any other very, very technical 2 documents by people that are somewhat qualified by 3 virtue of their own professional occupations who do 4 this type of work and I think this -- this contractor 5 fulfilled that obligation -- to give us a different 6 look at -- at -- at many of these issues. The -- 7 It's almost impossible for members of the RAB to -- 8 to review document after document that -- that -- 9 that is here with the Kelly Air Force restoration 10 activity and this gives us -- this particular 11 board -- a useful tool to interpret many of these 12 documents. So, this is important information that 13 we -- we now have that we did not have before. 14 Whether any one of us chooses to -- to concur or say 15 that, you know, they agree with it, that's up to each 16 one of us to look at. But it is an independent view 17 and it's -- that -- that we paid for. 18 MR. MARTINEZ: I only have one 19 question. If you can say that what he's saying is 20 not necessarily factual or correct in the sense that 21 he was reading a technical report and you're 22 comparing what he said on the basis of what the 23 technical report read and you're able to say that 24 what he said was not necessarily correct, then you 25 either misjudged the selection and the credibility of</p>

RESTORATION ADVISORY BOARD MEETING

OCTOBER 5, 1999

30 (Pages 114 to 117)

Page 114

1 that person or you're able to denote what is
 2 technically in the report and you didn't need a
 3 consultant or somebody else to come in and give you
 4 another interpretation. Because if you're comparing
 5 and you're saying that what he said is not
 6 necessarily what was in the technical report, then
 7 you should have been able to know what was in the
 8 technical report.
 9 MR. PERSON: Well, there's more to it
 10 than that. The -- The contract -- contractor we
 11 hired has no background on anything that's happened
 12 here. He has nothing more than one report to pick
 13 and read. He has no history of what's gone on over
 14 the last ten years.
 15 MR. MARTINEZ: That is correct. But
 16 you gave him credibility when you --
 17 MR. PERSON: No. Some of the RAB
 18 members gave him credibility.
 19 MR. MARTINEZ: So, some were
 20 misjudging and some were not. That's what it amounts
 21 to.
 22 MS. HUERTA: What I hear the community
 23 members saying is -- as in the -- as in the past,
 24 some of our agencies are very worried about potential
 25 liability and the community members continue to be

Page 115

1 worried about potential health effects and risks and
 2 the value of their property and I think that's what
 3 we're going to talk about at the workshop, sir, is
 4 how do we bridge these -- these agencies and the
 5 information to community members; is that correct?
 6 DR. LENE: I'm having a little
 7 difficulty hearing what you're saying.
 8 BRIG. GEN. MURDOCK: That's --
 9 that's -- I'll just say, that's up to the members
 10 that attend tomorrow to -- to make that
 11 determination.
 12 MS. HUERTA: You mean Thursday?
 13 BRIG. GEN. MURDOCK: Thursday.
 14 Excuse me.
 15 MS. HUERTA: Thursday. I -- I think
 16 it's real important, because this is the issue that
 17 continually comes up -- is agencies' responsibility
 18 and potential liability and community concerns -- and
 19 there's a tendency if an outside consultant or an
 20 outside scientist says something that's different
 21 than what we think, we just discount them in some
 22 sections and that's when we get back to scientific
 23 method and the -- and the ability to reproduce -- get
 24 the same data and the same results and -- you know,
 25 I -- I just think it has to do with a credibility

Page 116

1 issue and an accountability to the community --
 2 and -- and, hopefully, we can work on that Thursday
 3 night, because it does appear that we get very
 4 defensive if somebody disagrees with us.
 5 MS. ADAMES: Can I make a comment?
 6 DR. LENE: George, do you have a
 7 comment?
 8 MR. RICE: No. Ms. Adames, go ahead.
 9 MS. ADAMES: Maybe all this came about
 10 because when we first started, we said there's
 11 contamination and the Air Force said no. Then, later
 12 on, when it was discovered there was contamination,
 13 they said maybe, but maybe it's not ours. Then, they
 14 said, "It is ours," but you have to prove that it was
 15 caused by us. And, then, they said, "Well, people
 16 are getting sick." "Well, can you prove that Kelly
 17 was responsible for it?" So, with doubts like that,
 18 you can understand why we came to rely on something
 19 like that.
 20 There's been -- all along --
 21 controversy on everything we say, everything we do.
 22 If you say, "You spilled it," they want to know,
 23 probably, "Did you see me spill it?" Even though
 24 it's there. "Did they walk by? Can you prove we
 25 walked by it? How can you tell it was us?" It's

Page 117

1 just like a -- it's like a movie if you look at it
 2 closely, but it's affecting our lives and that's no
 3 movie. Thank you.
 4 DR. LENE: George?
 5 UNIDENTIFIED SPEAKER: I --
 6 I'm sorry. I had commented with regard to the TAPP
 7 report. Well, it's -- it's only of the opinion that
 8 person --
 9 DR. LENE: Excuse me. But the
 10 reporter cannot hear what you're saying and it needs
 11 to be recorded.
 12 MS. CHOSKE: My name is -- My name is
 13 Anoesia Choske (phonetic) and I was just commenting
 14 on -- the TAPP report seems to be in discussion right
 15 now. If we can't rely on the TAPP report, then how
 16 can we rely on the ATSDR report, which is based only
 17 upon the opinion that the Air Force -- you know, the
 18 material that the Air Force gave them? Isn't that an
 19 opinion of an opinion?
 20 MR. PERSON: Well, there's a
 21 considerable difference on the ATSDR report and a
 22 \$7,000 report that we paid some consultant to look
 23 over a document. That's a considerable -- I mean,
 24 that's a stretch to even compare the two and I would
 25 say that someone from the Health Department could

RESTORATION ADVISORY BOARD MEETING

OCTOBER 5, 1999

31 (Pages 118 to 121)

<p style="text-align: right;">Page 118</p> <p>1 probably address that much better than I could. 2 MR. QUINTANILLA: If I may, Anoesia, 3 the report that first came out was about a \$100,000 4 report. It was that thick (indicating) -- or 5 approximately that thick. We hired this man from 6 California to come in and give -- to review the 7 report and tell us what was in the report and what 8 was not in the report. He did that for \$7,000. And 9 what you're seeing here is just a very small 10 portion. 11 Will you please hold up the original 12 report again, please? That's what he produced for 13 \$7,000 -- his expertise -- in reviewing that report 14 that was that thick. 15 MS. CHOSKE: Right. My concern is, 16 though, that the ATSDR, also, with their expertise, 17 chose to come up with a public health assessment 18 report and most of the data from what I read in the 19 report was just data that was given to them from the 20 Air Force. 21 MR. QUINTANILLA: Yeah. 22 MS. CHOSKE: So, isn't that -- isn't 23 that kind of one-sided? 24 MR. QUINTANILLA: Well, the ATSDR 25 report --</p>	<p style="text-align: right;">Page 120</p> <p>1 MS. ADAMES: Not everybody -- 2 MR. QUINTANILLA: They don't have -- 3 MS. ADAMES: A lot of people don't 4 have a web site -- a lot of people don't. 5 DR. LENE: William? Yes? 6 MR. RYAN: It's in the public library. 7 DR. LENE: It's in the public 8 library? There's a copy in the public library? 9 MR. PENA: I'll -- I'll go address the 10 microphone. 11 Okay. So, let me get this straight. 12 All of you-all don't agree about Peter Lynch. Some 13 say yes, some said no about hiring him. Is there one 14 way that all of you-all agree upon one person and 15 accept his theory? There's not a chance, right? 16 DR. LENE: Have you ever seen a larger 17 group of people like this that agree on anything? 18 MR. PENA: Well, see? We should put 19 egos and everything away and look at -- for health 20 reasons. I mean -- 21 MR. PERSON: It has nothing to do with 22 egos. 23 MR. PENA: You-all are spending 7,000 24 bucks and you-all just don't even -- like, this one 25 don't believe in him or, yes, this one don't --</p>
<p style="text-align: right;">Page 119</p> <p>1 MS. CHOSKE: Isn't that just one 2 opinion of an opinion? 3 MR. QUINTANILLA: Excuse me. On the 4 ATSDR report, we're doing the same thing. We're 5 bringing in Dr. Squibb from the University of 6 Maryland to review that report independently and tell 7 us what, you know, she thinks of it, what's in it 8 and -- or what's not in it. 9 MS. CHOSKE: Okay. 10 MS. PULIDO: In this report -- 11 No. 10 -- it says there's missing data. Could you 12 explain that? 13 MR. QUINTANILLA: Well, this -- that's 14 what he said -- that there was missing data -- and 15 you see the Kelly response underneath it. I think 16 his statement there is correct. There was some 17 missing data -- not much -- but there was some. 18 DR. LENE: Yes, sir? 19 MR. RICE: Yeah. How can members of 20 the public get a copy of the Clear Water report that 21 we're talking about if they want to read the whole 22 thing for themselves? Can we make them available at 23 the next RAB meeting or something like that? 24 MS. HUERTA: Is it on -- Is it on a 25 web site or a web system -- on a web site?</p>	<p style="text-align: right;">Page 121</p> <p>1 I mean, a lot -- that's a lot of money to us. 2 I mean, you don't understand. For you-all not to go 3 in there and understand and say, "You know what, 4 let's pick this guy out and let's see if we can have 5 that as his bias opinion (sic)." Can't you-all get 6 it together to do that? 7 MR. PERSON: You brought up a key 8 factor here: An unbiased opinion. I think that's 9 something that we need to address as a RAB in picking 10 a contractor in the future -- and, then -- 11 MR. PENA: Well, you're already -- 12 MR. PERSON: -- talking about it, 13 because sometimes there is some bias on our part -- 14 some hidden agendas that are going on here and I 15 think what we need to do is -- and I'd like to make a 16 motion to this -- is to develop some type of a 17 process where we can put four unbiased people in 18 charge of picking the contractor that we're going to 19 use in the future. 20 MR. QUINTANILLA: I -- I think that's 21 a hell of an accusation, saying that the man is 22 biased. 23 MR. PERSON: I didn't say he was 24 biased. 25 MR. PENA: No, no. He wasn't</p>

RESTORATION ADVISORY BOARD MEETING

OCTOBER 5, 1999

32 (Pages 122 to 125)

<p style="text-align: right;">Page 122</p> <p>1 saying -- he was just saying -- 2 MR. PERSON: I didn't say anything 3 about bias. 4 MR. PENA: -- that there's different 5 opinions, but he wants you guys all to get 6 together -- like I say, how much are we going to pay 7 Dr. Squibb? 8 DR. LENE: I'm sorry? 9 MR. PENA: How much are we paying -- 10 How much are we paying Dr. Squibb from Maryland for 11 that? 12 DR. LENE: I don't know the exact 13 figure, but -- 14 MR. PENA: But what I'm trying to 15 say -- Now, you're going pay that much and, then, 16 you're going to have the same opinion. Well, this 17 one says one thing -- 18 DR. LENE: Well, wait a minute. What 19 we asked him -- What we're paying for is an 20 independent opinion. 21 MR. PENA: Exactly. That's what I'm 22 trying to say. 23 DR. LENE: Okay. Now -- 24 MR. PENA: But what I'm trying to say 25 is we already paid one guy since and we didn't get</p>	<p style="text-align: right;">Page 124</p> <p>1 and did in the field over, maybe, two years' time -- 2 and he did this in a month. So, his opinion is based 3 on what he thinks that man was doing over a two-year 4 period out in the field, in an office, flying to 5 New York, doing different things in making this 6 report. 7 MS. PULIDO: Like a book review. 8 MR. MURRAH: Right. So, he did a book 9 review of a book that took, maybe, two or three years 10 to write. And, so, we're talking about two different 11 things and I think that's where you're -- maybe 12 you're missing the point. Now, we're -- we're all -- 13 got different opinions about how good a report he 14 did. 15 MR. PENA: No. Actually, I didn't 16 miss any point. Actually, the point was brought up 17 to this gentleman who said -- 18 MR. MURRAH: Well -- I mean -- 19 but -- but you're talking about -- 20 MR. PENA: Unbiased. Unbiased. 21 That's what my point is. You missed what I'm trying 22 to say. Unbiased. Unbiased. Someone that -- they 23 go, "Here's a book" -- "there it is" -- 24 MR. PERSON: Can I get a second to my 25 motion?</p>
<p style="text-align: right;">Page 123</p> <p>1 nothing out of it. Now, we'll pay some more -- 2 DR. LENE: No. We -- We got -- We got 3 our money's worth. 4 MR. QUINTANILLA: I got something out 5 of it. 6 MR. PENA: Okay. Well, you-all got 7 your money's worth, but our community -- I mean, this 8 one doesn't seem like he got it. This one here -- 9 and these are the people that are the majority. I'm 10 just trying to say what you get -- before we hire the 11 guy -- but we already did, right? 12 MR. QUINTANILLA: We paid over 13 \$100,000 -- maybe more, maybe less -- for a report 14 and all we -- you know -- and that report, according 15 to Mr. -- Mr. Lynch, had some inaccuracies and that's 16 all that Mr. Lynch reported -- and some of these 17 inaccuracies are -- are being disliked by some of the 18 members of this RAB board -- not by me -- I -- I 19 like what he wrote. 20 MR. MURRAH: Here's -- Here's what 21 happened: The original report was developed over a 22 period of time. This man took a very short time and 23 read what this other guy did -- in going out into the 24 field and doing experiments and all that -- and, 25 then, he wrote his opinion of what that man went out</p>	<p style="text-align: right;">Page 125</p> <p>1 MR. PENA: That's what -- the point 2 I'm trying to state and you probably missed that 3 point. 4 DR. LENE: What -- What was your 5 motion? 6 MR. PERSON: Well, I need a second to 7 my motion to put together a panel of four people who 8 are unbiased to pick the next contractor. 9 DR. LENE: A motion has been made to 10 pick an unbiased panel to choose the future 11 contractors for the TAPP program. 12 MR. JACOBI: As the parliamentarian, 13 I'd like to make a comment. If the TAPP funds are 14 provided to be expended on -- by the community for 15 the community -- community purposes and -- on that 16 basis, you know, the community members of the -- of 17 the TRS, at least, made the selection of the 18 contractor and so forth -- you know, you can -- as 19 far as I'm concerned, if you want to select those 20 four people from the members of the community -- 21 because that's the purpose of the TAPP Program -- 22 it's to support the community -- then I -- I would 23 accept that motion. But, otherwise, I -- I -- I 24 don't think that we as -- members of the regulators, 25 if you will -- should be allowed to participate in</p>

RESTORATION ADVISORY BOARD MEETING

OCTOBER 5, 1999

33 (Pages 126 to 129)

<p style="text-align: right;">Page 126</p> <p>1 that decision.</p> <p>2 MR. SANCHEZ: I think -- there seems</p> <p>3 to be some confusion in terms of the purpose of this</p> <p>4 report, number one. And, then, the other is the --</p> <p>5 the role of the Restoration Advisory Board is to</p> <p>6 advise the Air Force. We're not necessarily here to</p> <p>7 agree with each other -- and -- and if -- if you've</p> <p>8 attended any of our meetings for the past several</p> <p>9 years, you'll know that we do not agree with each</p> <p>10 other on a lot of the information that the Air Force</p> <p>11 presents in terms of contamination issues -- because</p> <p>12 we would not be serving this community very well if</p> <p>13 we just sat up here and agreed with each other and</p> <p>14 agreed with the Air Force.</p> <p>15 This information that -- that -- that</p> <p>16 we as a -- as a RAB hired to -- for this contractor</p> <p>17 was to develop important information and give us a --</p> <p>18 an independent view outside of the Air Force and even</p> <p>19 outside of us. We are -- We are free, as RAB board</p> <p>20 members, to take this information and -- and -- and</p> <p>21 make our recommendations to the Air Force -- what it</p> <p>22 needs to do with that. So, it's not a report that</p> <p>23 has to be blessed and -- and -- and agreed on by</p> <p>24 everybody. It's an independent report that the</p> <p>25 members of the TRS committee -- subcommittee --</p>	<p style="text-align: right;">Page 128</p> <p>1 conduct -- it's conducted under parliamentary</p> <p>2 rules?</p> <p>3 MR. SANCHEZ: Hopefully, it is, yes.</p> <p>4 We try to --</p> <p>5 MR. MARTINEZ: As an advisory board,</p> <p>6 you're -- you're bound by --</p> <p>7 MR. SANCHEZ: We're -- We're bound by</p> <p>8 those rules and regulations and we -- we try to bind</p> <p>9 ourselves by parliamentary rules.</p> <p>10 MR. MARTINEZ: Now, consistency may</p> <p>11 not necessarily rule all the time?</p> <p>12 MR. JACOBI: Well, as the</p> <p>13 parliamentarian, we are, in fact -- we have adopted</p> <p>14 Robert's Rules of Orders as -- as a matter of</p> <p>15 parliamentarian procedure. In order to enhance</p> <p>16 discussion, we -- we -- we try and keep the</p> <p>17 discussion open as long as we can to make sure that</p> <p>18 everybody has an opportunity to say their piece. If</p> <p>19 someone calls a point of order, we do have experts on</p> <p>20 parliamentarian procedure that will bring us back</p> <p>21 within -- within the bounds of that and unless we're</p> <p>22 just completely off course, we -- we typically allow</p> <p>23 the discussion --</p> <p>24 MR. MARTINEZ: The question I was</p> <p>25 raising, sir, is that -- under -- under the</p>
<p style="text-align: right;">Page 127</p> <p>1 Mr. Quintanilla, Mr. Rice, some other members of that</p> <p>2 subcommittee -- selected this board -- this gentleman</p> <p>3 to give us his independent voice. So, that's all it</p> <p>4 is. It's an independent voice. Without it -- and we</p> <p>5 would just be, you know, taking everything that the</p> <p>6 Air Force gives us and we'd be looking at it and it's</p> <p>7 just a huge amount of information. We were looking</p> <p>8 for that independent voice and that's it. We're not</p> <p>9 necessarily -- we -- we may not agree with his</p> <p>10 findings, even right now, but that's all right. It's</p> <p>11 just a -- It's important information that was</p> <p>12 developed by an independent outside consultant that</p> <p>13 is not currently employed by the Air Force.</p> <p>14 MS. HUERTA: And I think it needs --</p> <p>15 MR. MARTINEZ: I only have one</p> <p>16 question, Sam. As an advisory board, are you bound</p> <p>17 by parliamentarian rules?</p> <p>18 MR. SANCHEZ: Correct. Yes.</p> <p>19 MR. MARTINEZ: And are you not --</p> <p>20 presumably, majority rules?</p> <p>21 MR. SANCHEZ: We have -- We -- We have</p> <p>22 items that we discuss that requires a vote, not --</p> <p>23 not everything requires a vote.</p> <p>24 MR. MARTINEZ: Well, not</p> <p>25 necessarily -- but any business you conduct, you</p>	<p style="text-align: right;">Page 129</p> <p>1 parliamentarian procedures and majority rule,</p> <p>2 how many people said to pay the -- the consultant?</p> <p>3 When it was voted to the pay to the consultant, did</p> <p>4 all the members vote or was there a majority vote?</p> <p>5 MR. JACOBI: In this particular case</p> <p>6 for the TAPP consultant -- the TAPP is a program</p> <p>7 established by the federal government -- and I don't</p> <p>8 know what the -- what the underlying agency is, but</p> <p>9 it is to make an independent source of funds</p> <p>10 available for the community representatives on the</p> <p>11 RAB. So, it is a unique situation so that the</p> <p>12 community members have opportunity to get technical</p> <p>13 expertise and support. And correct me if I'm wrong,</p> <p>14 Laura, you -- are you the one that -- that -- it's</p> <p>15 an independent source of funds -- okay -- that --</p> <p>16 they don't want the Air Force -- the Air Force is not</p> <p>17 supposed to have any say in who's selected. EPA is</p> <p>18 not supposed to have any say in who's selected.</p> <p>19 TNRCC is not supposed to have any say in who's</p> <p>20 selected. The Health Department is not supposed to</p> <p>21 have any say in who's selected. The Air Force</p> <p>22 co-chair is not supposed to have any say in who's</p> <p>23 selected. So, on -- for -- for -- this particular</p> <p>24 effort -- it's strictly a community effort. So, the</p> <p>25 community develops criteria, sets the charter -- the</p>

RESTORATION ADVISORY BOARD MEETING

OCTOBER 5, 1999

34 (Pages 130 to 133)

Page 130

1 contract, if you will -- sets forth what this guy is
 2 supposed to do and it -- it is -- it's my
 3 understanding that -- that they did that as a subsect
 4 of the Technical Review Subcommittee -- selected this
 5 individual who has credentials and is qualified to do
 6 what he was asked to do. He did provide this
 7 report. What you find in Tab 9 here is a response
 8 from EPA, TNRCC and the Kelly Air Force Base
 9 technical staff -- you know, it's -- it's out there
 10 in the open and these are the comments, the
 11 suggestions and so forth. Mr. Lynch appears to have
 12 done a -- a -- a reasonable job based on the
 13 information that he had, but I -- I think that it
 14 would be inappropriate to not allow the Air Force to
 15 respond to some of the comments.
 16 MR. MARTINEZ: This is true, but the
 17 only question is: If you're dealing with
 18 appropriated funds or discretionary funds and you're
 19 giving the RAB complete control over the funding --
 20 and -- and -- and you -- you did say that the
 21 Air Force did not in any way mitigate whether it was
 22 proper or not -- and the funding that is appropriated
 23 monies, now you're channelling into a discretionary
 24 area that -- whether they do agree or not agree,
 25 those monies are disbursed and I -- I think that

Page 131

1 monies should be --
 2 DR. LENE: If I may, could I recognize
 3 Mr. Dan Zytopek? He is the person who is helping us
 4 with this and it would probably be a lot better
 5 information.
 6 MR. ZYTOPEK: Yes. In answer to your
 7 question about the use of the funds, it's -- it's an
 8 oversimplification to say that the Air Force just
 9 turns this money over to the community members.
 10 There is still some Air Force involvement, mainly
 11 through myself as the contracting officer who signs
 12 the contract with this contractor who performs this
 13 tasking for -- for the Restoration Advisory Board.
 14 So, the ultimate customer is the
 15 Restoration Advisory Board. However, as far as the
 16 idea of -- this money is just floating around out
 17 there or that they have a kitty that they just dole
 18 out -- I mean, that -- that's -- that's incorrect,
 19 as well -- because we do sign a contract with the
 20 contractor to perform this review of the report.
 21 And, so, it's -- it's -- it's a -- kind of a
 22 balancing act, granted, but even though it is work
 23 that's being done for a -- a restoration board, not
 24 the Air Force directly, the Air Force is still
 25 monitoring those funds -- and -- and that's by

Page 132

1 statute.
 2 MR. MARTINEZ: So, in that -- in that
 3 case, the Air Force did approve that the report was
 4 in some way credible?
 5 MR. ZYTOPEK: Not the Air Force,
 6 unilaterally. I requested of all the RAB members, in
 7 a questionnaire at the time that the report was
 8 submitted, their feedback to me about whether the
 9 contractor had completed the tasking to their
 10 satisfaction. I didn't ask them if they agreed with
 11 everything that he said. I asked them if there was
 12 anything substantial missing from his report, if they
 13 felt that he needed to do more in order to complete
 14 his task and they responded to that and a vote was
 15 taken at the TRS meeting at which members voted to
 16 approve accepting the report.
 17 MR. MARTINEZ: So, in the final phase,
 18 the Air Force did think that it was -- it was proper
 19 payment and the report was completed?
 20 MR. ZYTOPEK: The report was accepted
 21 by the Air Force on behalf of the RAB.
 22 MS. HUERTA: Dr. Lene?
 23 DR. LENE: Tanya?
 24 MS. HUERTA: Would you come back and
 25 talk about -- it's a technical review of a report.

Page 133

1 It wasn't -- the man didn't go out and collect data.
 2 The man looked at a report and his charge was to
 3 review the report and put it in layman's terms; is
 4 that correct?
 5 MR. LENE: That is correct.
 6 MS. HUERTA: And, so, a lot of the
 7 opinions that you hear are based on that review. It
 8 doesn't mean that the man isn't credible. It doesn't
 9 mean that any of us is not credible. It's just
 10 opinions about the review -- the technical review of
 11 that report. Isn't that standard procedure for --
 12 DR. LENE: Yes. Exactly.
 13 MS. HUERTA: -- for a scientific
 14 report?
 15 DR. LENE: In fact, the analogy was
 16 brought up as a book review. That's a very good
 17 analogy, because that's essentially what it is. It's
 18 a review of that report -- looking at the report
 19 only. They are not allowed to go out and collect new
 20 data or anything like this. They have to work with
 21 what was in the report.
 22 George -- Okay. Briefly, George.
 23 MR. RICE: Well, I -- I would like to
 24 speak to the motion that I think is on the floor.
 25 DR. LENE: Yes.

RESTORATION ADVISORY BOARD MEETING

OCTOBER 5, 1999

35 (Pages 134 to 137)

Page 134

1 MR. RICE: Is that right?
 2 DR. LENE: Yes.
 3 MR. RICE: And I'd like it clear that
 4 I oppose the motion. The reason being is that --
 5 you know, some of us put a great deal of work into
 6 this process of selecting contractors over about a
 7 year. I mean, it was -- it was a great deal -- it
 8 was a lot of meetings -- and any community member who
 9 is interested in sitting in and participating in the
 10 selection of these contractors is encouraged to come
 11 and join us -- and I think that's a very fair and
 12 noble process.
 13 Most members chose not to join us, but
 14 everyone is invited.
 15 DR. LENE: The TRS was charged with
 16 choosing the contractor and in the TRS -- it was
 17 extended to the community -- members and
 18 entities -- as to who the contractor would be. And,
 19 so, in that sense, Mr. Rice is correct, that it was a
 20 community group that did choose this -- this
 21 contractor. And --
 22 MR. PERSON: Was that a second to my
 23 motion, George?
 24 MR. RICE: No. No, it's not.
 25 MS. GRYBOS: Can I make one comment?

Page 135

1 It -- I'm just wondering whether it's correct, then,
 2 for -- if -- if the -- if the report is really a
 3 translation of what's been written -- and that we
 4 paid \$100,000 for -- into layman's language, then
 5 I'm wondering if it's correct to say that it's not
 6 factual, but -- but my real point is to get back to
 7 the beginning of this whole 45-minute discussion,
 8 which was Mr. -- I'm sorry --
 9 MR. PENA: Frank -- Frank Pena.
 10 MS. GRYBOS: Frank?
 11 MR. PENA: Frank.
 12 MS. GRYBOS: -- Frank's question,
 13 "Doesn't it scare you that the contamination is
 14 moving faster than" -- "than had been thought?" And
 15 I think that the discussion makes it clear that it
 16 does scare people and maybe for different reasons,
 17 but I think that it sounds like it scares everybody
 18 in this room.
 19 DR. LENE: You're right. But that was
 20 not what he was hired to do. He's -- He was hired to
 21 evaluate the report and he gave his opinion and --
 22 you're right -- that is scary, but that was not part
 23 of what he was hired to do.
 24 What I would like to do -- I -- I
 25 know it's getting late and we have another report to

Page 136

1 do tonight -- and I would suggest that -- this may be
 2 very informative. The next item on the agenda is
 3 another one of these TAPP review reports. And, so --
 4 it's on another report -- an entirely different
 5 report -- and, so, if we could move on to that, then
 6 you can actually see one in action and see what is
 7 presented and so on. Would that be -- We still have
 8 a motion on the floor.
 9 MR. JACOBI: Is there a second?
 10 DR. LENE: He wants to know was there
 11 a second? George, you didn't second it, did you?
 12 MR. RICE: No. There was no second.
 13 I move that it die for lack of a second.
 14 MR. PERSON: So, are we going to --
 15 we're going to have a biased group pick a
 16 contractor --
 17 DR. LENE: Oh, I -- I kind of argue
 18 with you on that biased group. Who is the biased
 19 group?
 20 MR. PERSON: Well -- I mean, if
 21 there's some hidden agendas here on, you know, expert
 22 witnesses or lawsuits or things like that, I think
 23 that's a little biased as to what we're looking at,
 24 don't you?
 25 DR. LENE: Oh, I see.

Page 137

1 MR. RICE: I think you're referring
 2 to -- to me, Paul, being an expert witness, but
 3 please join us. Come -- get off your butt and come
 4 down and -- to the meeting and help us select a
 5 contractor. If you don't like the way we're doing
 6 it, come in and put your own two cents --
 7 MR. PENA: I'll give you a ride, Paul.
 8 MR. PERSON: I'll come with you.
 9 MR. PENA: I'll give you a ride.
 10 We'll go there.
 11 MS. HUERTA: I think when you look at
 12 the past history of this board in the early years,
 13 I think there were some problems with people that
 14 didn't agree how procedures should run and what our
 15 goal was and what our mission is and our charter and
 16 I think that we have ironed out a lot of those
 17 ideas.
 18 We are not a decision-making board and
 19 I think people need to remember that we are not a
 20 decision-making board. All we do is advise the
 21 Air Force on possibilities, probabilities and things
 22 that we would like to see happen and we cannot -- all
 23 of us come to this table because it's either part of
 24 our job or because we care or both. So, we can't go
 25 with the business about, "I care more than you do."

RESTORATION ADVISORY BOARD MEETING

OCTOBER 5, 1999

36 (Pages 138 to 141)

Page 138

1 or, "I understand more than you do." We're all here
 2 to help the Air Force make decisions that affect our
 3 community and we just need to be respectful of that.
 4 Fair enough?
 5 DR. LENE: So, are you continuing your
 6 motion?
 7 MR. PERSON: Table it.
 8 MR. JACOBI: It dies for lack of a
 9 second.
 10 DR. LENE: All right. We'll table
 11 that motion, then.
 12 MR. HUFF: I -- I'm -- I was --
 13 first -- first-time person here, as you probably
 14 recognize -- and the fact that the two chairs were
 15 very kind and did not say the motion dies for lack of
 16 a second is a consideration and -- and I thought,
 17 really, a good consideration for -- for the man who
 18 had -- who had a point that he really wanted to
 19 make. Parliamentarian procedure says that he --
 20 that -- that first -- his first question, the chair
 21 should have ruled or could have ruled the motion dies
 22 for lack of a second. You-all did a good job.
 23 DR. LENE: Okay. Then we get to the
 24 vote?
 25 MS. ADAMES: Yes. Move on.

Page 139

1 MR. QUINTANILLA: Mr. -- Dr. Lene,
 2 would you please explain how much we paid
 3 Dr. Neathery here and how much that report that he is
 4 reviewing cost? I think it would help the community.
 5 DR. LENE: Well -- Okay. I don't have
 6 those figures and -- Okay. Dan, could you speak to
 7 that? Where are you? There you are.
 8 MR. QUINTANILLA: You know, we spent a
 9 lot of money on -- on getting that report and we --
 10 we know that we -- that we paid Mr. -- Dr. Neathery
 11 perhaps less than -- than \$5,000. I don't know.
 12 DR. LENE: As he stands anxiously
 13 waiting to give that report.
 14 MR. QUINTANILLA: Yeah. He -- He --
 15 yeah -- we've got to pay him.
 16 MR. NEATHERY: Well, I appreciate the
 17 honorary doctorate degree. I -- I wasn't aware I was
 18 a doctor.
 19 MR. QUINTANILLA: I did not know that
 20 you weren't.
 21 MR. ZYTOPEK: Yes. I can't speak to
 22 how much the original report cost the Air Force, but
 23 the review report is \$5,385.
 24 DR. LENE: If there's no more --
 25 MR. QUINTANILLA: I would like to know

Page 140

1 how much that -- that original report cost.
 2 DR. LENE: I don't think we have that
 3 information right now.
 4 MR. QUINTANILLA: Maybe we can write
 5 it down over there and answer the question as an
 6 action item.
 7 DR. LENE: Okay.
 8 MR. JACOBI: Well, one -- one
 9 comment. If the -- the -- if the -- the \$100,000
 10 you're talking about was probably just to create that
 11 report. The underlying analysis and technical work
 12 that went into creating the data, taking the samples,
 13 designing the programs and all that is -- is huge
 14 compared to even \$100,000.
 15 MR. QUINTANILLA: I agree. I agree
 16 with that. All I want to know is how much did the
 17 company -- did the contractor charge the Air Force
 18 for coming up with that report.
 19 MR. JACOBI: Okay. Fine.
 20 DR. LENE: Okay. I think we can go
 21 ahead and move on.
 22 MR. QUINTANILLA: I want to know if --
 23 if we're spending the \$5,000 properly. That's all.
 24 Go ahead, sir.
 25 DR. LENE: Okay. I'd like to

Page 141

1 introduce Mr. Jeffery Neathery of Neathery
 2 Environmental Services here in San Antonio and he is
 3 reviewing the -- the Zone 4 OU-2 Work Plan.
 4 Zone 4 OU-2 is basically what everybody's calling
 5 "the plume" out in the neighborhood. So, I'll let
 6 him go ahead.
 7 MR. NEATHERY: Well, thank you. And,
 8 also, just to let you know that -- I don't get paid
 9 until you-all approve my final report. So, I haven't
 10 been paid anything, yet.
 11 But, basically, yes, what I've been
 12 charged to do is prepare a document review for the
 13 OU-2 Work Plan for Zone 4. Again, this is what
 14 everyone is calling "the plume." And I was going to
 15 cut this a little bit short, but -- I can delete a
 16 couple of things, but I think from the discussion,
 17 it's probably wise not to.
 18 The purpose of what I am here for is
 19 to review this report. The report was prepared by
 20 CH2M Hill and this is dated May of 1999. What I am
 21 to do is to provide a simple explanation for the work
 22 that is going to be proposed here and, also, then, to
 23 provide a technical review of that report -- and my
 24 client on this is the Restoration Advisory Board.
 25 Obviously, I was one of the reviewers. The other

RESTORATION ADVISORY BOARD MEETING

OCTOBER 5, 1999

37 (Pages 142 to 145)

<p style="text-align: right;">Page 142</p> <p>1 reviewer for this was Dr. Chris Mathewson at Texas 2 A&M university. Dr. Mathewson is the director for 3 the Center of Engineering & Geosciences at Texas A&M. 4 Before I get started on the meat of 5 the report, there are some limitations -- and I think 6 this is really pertinent to -- to some of the 7 discussions that went on previously. I reviewed this 8 report as a stand-alone report. I didn't have any 9 other documents that I reviewed. I don't know what 10 reports were done prior to this one or what reports 11 have been done subsequent to this one. Further, 12 I have to assume that all the data and all the 13 information that is in this report is accurate and 14 that it was collected properly and that the people 15 that -- that put the report together did what they 16 were supposed to do. And, therefore, the things that 17 I am going to talk about are going to be things that 18 I noticed only in this report. Comments that I might 19 have may be addressed in other reports. But, again, 20 I'm just going to talk about this report. 21 The report -- The Work Plan is 22 basically divided into four parts. There's the 23 Work Plan itself, there's a Field Sampling Plan, 24 there is a Quality Assurance Project Plan and there 25 is a Health and Safety Plan. For the purpose of --</p>	<p style="text-align: right;">Page 144</p> <p>1 identified seven field tasks. These were to, 2 number one, identify any potential off-site 3 sources -- and what they mean here are sources of 4 contamination that may have originated within the 5 plume area -- the use of a sonic cone penetrometer 6 and monitoring wells to further delineate the extent 7 of the contamination -- which implies that -- that 8 the extent is not completely delineated at this 9 point -- to evaluate the internal plume 10 characteristics, to evaluate the hydraulic 11 conductivity of the aquifer, to evaluate the natural 12 attenuation parameters, and, finally, to evaluate the 13 degree of the interaction between the aquifer and the 14 San Antonio River. 15 Now, the scope of work is what they're 16 going to be actually doing in the field to try to 17 meet these objectives. What they're going to do is 18 they're going to use a sonic cone penetrometer at 19 75 different locations. Sixty-six of these locations 20 have already been identified on a grid. The final 21 locations are going to be discretionary locations 22 based upon what they find -- give them a little bit 23 of leeway to say, "Hey, maybe we want to go look over 24 here." 25 MR. JACOBI: Could you explain what a</p>
<p style="text-align: right;">Page 143</p> <p>1 of time here, I'm not going to go into, specifically, 2 the purpose of -- of each of these. I'm just going 3 to -- to skip forward here to a summary. All these 4 slides that I have are taken directly from my 5 report -- and I think the entire report is -- is, I 6 think, one of the tabbed items there. Basically, 7 what the Work Plan does is it describes, in general, 8 the work that is going to be done. It's going to lay 9 out what the objectives are. The Field Sampling Plan 10 describes the procedures and protocols that we used 11 in the field to obtain the samples and, therefore, 12 the data. The Quality Assurance Project Plan 13 describes the quality control procedures that will be 14 used to make sure that the -- that the samples that 15 are collected and the data collected in the field is 16 valid. And, then, the Health and Safety Plan 17 describes those procedures that are going to be used 18 to ensure the safety of the workers. 19 The Work Plan lists three main 20 objectives. They are to characterize the nature of 21 the groundwater contamination in the shallow aquifer, 22 to evaluate the lateral distribution of the hydraulic 23 conductivity of the alluvial aquifer and to evaluate 24 the human and ecological risks with the groundwater 25 contamination. To accomplish these objectives, they</p>	<p style="text-align: right;">Page 145</p> <p>1 sonic cone penetrometer is for the rest of the 2 audience? 3 MR. NEATHERY: Okay. Basically -- 4 there are several ways to collect soil samples. One 5 way is to use drilling equipment -- just a big auger 6 unit -- and it goes down and -- and -- one of the 7 disadvantages of using that is it generates a lot of 8 waste cuttings and these cuttings -- all the dirt 9 that you dig up out of the ground has to be disposed 10 of in some manner. What a sonic cone penetrometer 11 does is a much less disruptive way of collecting 12 samples. Basically, it's a tube with a -- with a 13 pointed end that is pushed down into the ground and 14 there are measuring devices at the end of the -- of 15 the instrument and also on the sleeve of the 16 instrument where they can -- can basically find out 17 how hard the material is that they're going through 18 or how easy it is to push through it. That gives 19 them information as to what types of material is 20 there. 21 They also have the ability to -- to 22 put an end on it that is open. So that when they 23 push it down, it's like pushing a straw through 24 ice cream. The soil comes up in the middle of the 25 tube and that way they're able to pull out and</p>

RESTORATION ADVISORY BOARD MEETING

OCTOBER 5, 1999

38 (Pages 146 to 149)

Page 146

1 collect samples. This method is used a lot,
 2 especially in -- in residential areas and areas where
 3 you can't be digging up and having lots of drums of
 4 soil cuttings and things like that sitting around.
 5 That is basically what a sonic cone penetrometer is.
 6 So, basically, what they're going to be doing is
 7 they're going to be using this to go in and -- and
 8 further define, number one, the extent of what the
 9 plume is, but also to go in and try to clear up some
 10 areas that are within the interior of this plume.
 11 Based upon the results of this -- this
 12 work, they're going to come in and they're going to,
 13 then, install 25 monitoring wells, five aquifer test
 14 wells and ten piezometers. They're basically --
 15 the -- the monitoring wells are going to be used to
 16 collect water samples and will be analyzed for the --
 17 the chemicals of concern and, also, for natural
 18 attenuation parameters.
 19 We've -- We've talked a little bit
 20 about natural attenuation. There are certain natural
 21 parameters, natural things that we have in the soil.
 22 There's a lot of oxygen content, nitrogen --
 23 you know, fertilizers, those types of things.
 24 There's a lot of stuff that naturally occur in the
 25 soil. Some of these things enhance the soil's

Page 147

1 ability to clean itself up. In other words, they
 2 enhance natural attenuation. And one of the things
 3 that they're going to be doing is looking to see if
 4 some of these things are there which would, then,
 5 strengthen the case for natural attenuation. If a
 6 lot of these things are not there, then what that
 7 means is a natural attenuation process could even
 8 take longer.
 9 They're also going to be doing aquifer
 10 testing to determine the hydraulic conductivity --
 11 the speed at which the water flows beneath the
 12 surface. That's going to be very important in
 13 determining how fast the plume moves, how fast it
 14 grows and in which direction it grows.
 15 Yes?
 16 MR. JACOBI: Would you explain
 17 piezometers and -- and how they're used to do that?
 18 MR. NEATHERY: Basically, when you're
 19 doing aquifer testing, you're -- you're pumping water
 20 out of the well and you can see by measuring what is
 21 happening at that well. What they also do is they'll
 22 put piezometers in -- in a pattern around that well,
 23 so that, as they're pumping out groundwater, they can
 24 look and see, "Well, how effective am I at pumping
 25 groundwater out from an area 50 feet away or 100 feet

Page 148

1 away?" And what they want to do is to be able to --
 2 as they're pumping the water out -- be able to
 3 measure the drawdown -- how much they're pulling that
 4 water down in different areas -- and, then,
 5 they're -- they're able to use that data -- and,
 6 then, modeling what the entire character of that
 7 aquifer is.
 8 MR. JACOBI: Basically, a piezometer
 9 is an open well that you use to measure the
 10 groundwater level in.
 11 MR. NEATHERY: Yes -- yeah -- what
 12 it is -- is a --
 13 MR. JACOBI: You can use it to
 14 determine flow and any impact of pumping.
 15 MR. PERSON: Direction of flow.
 16 MR. NEATHERY: Right. Yeah. And it's
 17 made of -- Well, in this case, PVC at the top and --
 18 and a stainless screen at the bottom to allow the
 19 water to flow in.
 20 Once the fieldwork is complete,
 21 they're going to perform a Baseline Human Risk
 22 Assessment and Ecological Risk. The Baseline Human
 23 Risk Assessment is basically going to characterize
 24 the -- the potential health effects from what is
 25 there now and what they anticipate will be there in

Page 149

1 the future. Also, an Ecological Risk will be
 2 performed and that's just basically -- you know, what
 3 is the general risk to the environment. So, there's
 4 going to be two reports that are going to be
 5 generated from this.
 6 Now, these observations, again, are
 7 just observations that -- that I made regarding this
 8 report. I think that, in general, the report was --
 9 was kind of vague. There was a great deal of
 10 information in this report regarding techniques and
 11 methodology and -- and those kind of things, but it
 12 really didn't tie in real well with what the stated
 13 objectives were. For example, they talked about
 14 looking at the interconnectiveness between the
 15 aquifer and the San Antonio River, but there's no
 16 discussion as to how they're going to do that
 17 specifically. Are they going to try to put a series
 18 of wells along the river? Those types of things --
 19 and none of that stuff was -- was in the report. So,
 20 there were some -- some areas that I thought needed
 21 to be cleared up as to how the field activities were
 22 going to satisfy what the stated objectives were.
 23 Another observation that I had was
 24 that the report in some ways was confusing because it
 25 was so large. There were also some redundancies in

RESTORATION ADVISORY BOARD MEETING

OCTOBER 5, 1999

39 (Pages 150 to 153)

<p style="text-align: right;">Page 150</p> <p>1 there, which I'll discuss a little bit later. It was 2 confusing as to what field method was actually going 3 to be used -- and I'll get into -- to some of the 4 specifics here. One of them is when they were 5 talking about installing monitoring wells. In one 6 section -- Section 2.6.1 -- the report stated that 7 acceptable drilling fluids included mud, water, air. 8 They also went into discussion of how the air would 9 be purified, because the air comes from a compressor 10 and it can't work if you get oils and stuff in 11 there. But, then, when -- in another section of the 12 report, it says that the wells will be drilled using 13 hollow-stem augers -- and those are two totally 14 different methods. So, it's not really clear on 15 which method is going to be used. 16 MS. PULIDO: Why do you say that it's 17 unclear? 18 MR. NEATHERY: Well, hollow-stem 19 augers do not use mud. They're just basically a 20 giant screw that goes into the ground. 21 MS. PULIDO: Well, I -- I'm saying -- 22 what I mean to say -- if -- if -- the report is 23 confusing, right? And you're interpreting the 24 report, right? 25 MR. NEATHERY: Yes.</p>	<p style="text-align: right;">Page 152</p> <p>1 specific slot size that is stated -- .020 -- and that 2 the test wells have a slot size of .040. Yet, in 3 another section, they talk about the -- Well, the 4 slot size will be sufficient to prevent 5 60 to 70 percent of the formation from coming in -- 6 and that implies that there's -- there's different 7 levels of -- different sizes of materials they're 8 going to be drilling for and I don't believe that 9 they really know what slot size they're going to need 10 until they do an analysis. Now, if they're going to 11 use a certain slot size, then just go ahead and use 12 it. But, then, to come in and state, "Well, it's 13 going to be variable," it kind of contradicts what 14 they said before. 15 The method of collecting the 16 groundwater samples is not clear. In one section of 17 the report, they talk about -- the collection of 18 methane and the volatile organics will be using a -- 19 a pump with a three-way valve. Then, further into 20 the report -- in fact, in two other areas -- they 21 talk about -- that the samples will be collected 22 using a disposal bailer. Again, these are totally 23 different methodologies and I think we need to be 24 consistent on which one we're going to use. 25 The report just had some -- some</p>
<p style="text-align: right;">Page 151</p> <p>1 MS. PULIDO: To simplify it for us, 2 right? 3 MR. NEATHERY: Yes. 4 MS. PULIDO: It, basically -- you said 5 it's vague. 6 MR. NEATHERY: Yes. 7 MS. PULIDO: So -- So, now what? 8 MR. NEATHERY: Well, I -- I have 9 recommendations at the end. I -- what I -- I mean, 10 what I think happened was that when they put the 11 report together -- there were probably several 12 reports that were put together -- and there may have 13 been some sections that were put in there that really 14 don't apply to what they were doing and I think that 15 when it went through the review process, they were 16 probably not caught. I think that the section that 17 talks about acceptable drilling fluids should 18 probably be taken out, because it's -- it's obvious 19 to me that they're really going to use hollow-stem 20 augers and that that's something that's in there 21 that's just kind of superfluous. 22 Another area that -- that is somewhat 23 confusing deals with the slot size -- with the screen 24 at the bottom of the monitoring wells. In one 25 section, it says that the monitoring wells have a</p>	<p style="text-align: right;">Page 153</p> <p>1 production and internal review problems. One of the 2 pages of the Work Plan was missing and in its place 3 was actually one of the pages from the Field Sampling 4 Plan. So, the page that I feel that -- that talked 5 about the monitor wells wasn't really there. So, 6 those things need to be cleared up. There were also 7 a couple places where there was some incomplete 8 sentence, where sentences start and they just stop. 9 So, I just think it needs to go through a little -- a 10 little more QA/QC. 11 Again, as I mentioned before, there 12 was some redundancies in the report. I think there 13 were about three different sections or two different 14 sections where it talked about how the wells were 15 going to be surveyed. I think that we need to take 16 these out, because all that does -- it just leads to 17 confusion. The two areas are not in sync with what 18 they're saying. You only need to talk about 19 surveying wells one time. 20 A couple of other items that -- that I 21 noted was -- was -- it was talking about the aquifer 22 testing. When you do an aquifer test, you measure 23 where the water level is before you start, then 24 you -- you pump down the well and you allow it to 25 recover and you -- you allow it to recover till it</p>

RESTORATION ADVISORY BOARD MEETING

OCTOBER 5, 1999

40 (Pages 154 to 157)

Page 154

1 gets back to where it originally was. One of the
 2 things that they had in here was that the recovery
 3 period would be limited to 12 hours. If that's
 4 enough time to allow the water to get back to the
 5 static water level, then that's fine. If it's not,
 6 then you've really run an incomplete test.
 7 Another item was the (inaudible) of
 8 the Field Sampling Plan. It was further into the
 9 report that you figure out how many monitoring wells
 10 were actually going to be installed. Again, I think
 11 this was probably a reflection of the production
 12 problems. It was probably mentioned on that page
 13 that was missing. That, to me, seemed like a logical
 14 place to have talked about that.
 15 In Section 2.5.1, I think the word
 16 "qualified" should precede the term "hydrogeologist"
 17 or "geotechnical engineer." I think that -- in --
 18 in terms of some of these things, a geotechnical
 19 engineer -- a classical geotechnical engineer --
 20 would not be qualified to do some of this work,
 21 especially in terms of the hydrogeologic
 22 characteristics.
 23 In the Field Sampling Plan, it states
 24 that soil samples used in the sonic cone penetrometer
 25 are going to be collected every five feet. With an

Page 155

1 alluvial aquifer of this nature that can change
 2 within a matter of six inches -- you can have very
 3 small gravel seams, very small clay seams that can
 4 really have an impact on how the groundwater is going
 5 to flow -- and I would recommend sampling
 6 continuously -- which -- which can be done.
 7 One of the other items that -- that --
 8 that the report really doesn't address is -- is the
 9 importance of paleochannels. Now, the contaminants
 10 of concern -- the -- the TCE, PCE, DCE -- those
 11 things are -- are called sinkers. They're -- They're
 12 DNAPLs. They're -- when you put them in water,
 13 it's not like oil or gasoline. They don't float on
 14 the top. They sink down to the bottom. And, so,
 15 unlike oil or gasoline that's on top, wherever the
 16 groundwater goes, it's going to go. Well, when you
 17 have these things that are at the bottom of the water
 18 column, they're going to be influenced less by the --
 19 the direction that the water's flowing and more by
 20 the old incised streams and old paleochannels.
 21 They're going to follow down in the bottom of those
 22 things. And I think that any time that you're
 23 looking at trying to assess a plume that has
 24 chemicals in it that are heavier than water, you
 25 really need to look at paleochannels, because that is

Page 156

1 going to be where those chemicals are going to be
 2 migrating, especially if they're in a -- in a
 3 free-phase form and not necessarily just dissolved in
 4 the water.
 5 So, my conclusion is the report was --
 6 was somewhat vague -- a great deal of information
 7 regarding techniques and methodology, but they didn't
 8 really tie it in with how it's going to meet the
 9 objectives. Another thing that they did was they had
 10 the ASTM standards copied in there. ASTM standards
 11 are -- are recognized throughout the U.S. I think
 12 it's suffice to say that they're going to use
 13 ASTM standard number whatever and not necessarily
 14 have to copy that big thick standard and -- and put
 15 it in the report.
 16 Also, again, as we talked about,
 17 a portion of the report were confusing -- talking
 18 about different methodologies. One person could read
 19 it and -- and assume that they're going to do it one
 20 way, somebody else could read it and assume they're
 21 going to do the work a different way. Again, the
 22 report had some production and internal review
 23 problems. The report still needs some -- some
 24 further review to remove the -- the nontechnical
 25 errors. And, again, it did not address the

Page 157

1 importance of the paleochannels.
 2 Based upon -- on my review, I would
 3 recommend that the report be revised. I would
 4 recommend that they go through and remove
 5 redundancies. In areas where there are multiple
 6 methodologies, either state which methodology is
 7 going to be used and delete the other ones -- or if
 8 it's a -- if it's a deal where it's going to be a
 9 field decision, then state that, "Hey, depending upon
 10 what conditions we find in the field, we may use
 11 either of these two methodologies." And, also, then,
 12 I would like to see something addressed on the -- the
 13 paleochannels. It -- it -- that may -- again, it
 14 might already have been addressed in another report.
 15 And that is all. Any questions?
 16 Yes?
 17 MR. RICE: I'd like to thank you for
 18 the report. You've given us some useful information,
 19 but my -- my question isn't so much to you as it is
 20 to the Air Force -- and -- and that is, will you
 21 respond to Mr. Neathery's recommendations? And,
 22 if so, in what form will you respond to them?
 23 BRIG. GEN. MURDOCK: That's a decision
 24 that the RAB has to make. If you'd like us to
 25 respond, we'd certainly be glad to do so, but that's

RESTORATION ADVISORY BOARD MEETING

OCTOBER 5, 1999

41 (Pages 158 to 161)

<p style="text-align: right;">Page 158</p> <p>1 your call.</p> <p>2 MS. HUERTA: I'd like to make a motion</p> <p>3 that we ask the Air Force, the TNRCC and the EPA to</p> <p>4 respond to this report just as we did with</p> <p>5 Mr. Lynch's report.</p> <p>6 MR. JACOBI: I'll second that motion.</p> <p>7 DR. LENE: A motion has been made and</p> <p>8 seconded. Discussion?</p> <p>9 MR. QUINTANILLA: I'll vote for it --</p> <p>10 for the motion.</p> <p>11 DR. LENE: Okay. No discussion?</p> <p>12 Then, let's vote on that. Hands for such a motion?</p> <p>13 (Vote by the RAB members.)</p> <p>14 DR. LENE: All right. Against?</p> <p>15 (Vote by the RAB members.)</p> <p>16 DR. LENE: It looks like it's</p> <p>17 unanimous.</p> <p>18 MR. QUINTANILLA: I just have a</p> <p>19 general question -- or -- or a comment. We paid</p> <p>20 hundreds of thousands -- I don't know how much we</p> <p>21 paid for this -- \$100,000 for a report that was</p> <p>22 vague, that was confusing, that had internal review</p> <p>23 problems and other types of things. General, I think</p> <p>24 we've got to do a better job on that -- on -- on</p> <p>25 choosing our contractors that make these reports.</p>	<p style="text-align: right;">Page 160</p> <p>1 report in the first place. We have no control over</p> <p>2 that. That's -- That's a done deal.</p> <p>3 MR. PENA: They already got paid for</p> <p>4 writing it? They've been paid?</p> <p>5 DR. LENE: I assume so.</p> <p>6 MR. PENA: No discounts for vagueness</p> <p>7 or anything, right? I'm sorry. It's just -- I own</p> <p>8 my own company and -- I mean, if I --</p> <p>9 DR. LENE: You're asking if there's a</p> <p>10 guarantee. I don't know.</p> <p>11 MR. PENA: Okay.</p> <p>12 MR. MARTINEZ: I just have a few</p> <p>13 questions.</p> <p>14 DR. LENE: Yes, sir.</p> <p>15 MR. MARTINEZ: Are you making --</p> <p>16 DR. LENE: Could you -- you might use</p> <p>17 the microscope -- I mean, the microphone. Our</p> <p>18 reporter has to keep a record of this and she can't</p> <p>19 hear you.</p> <p>20 MR. MARTINEZ: My questions are: In</p> <p>21 your comparative analysis, are you using a computer</p> <p>22 model to -- to create the reliability on the report?</p> <p>23 And if there is variances, do you have acceptable</p> <p>24 variances between the report and what you will find</p> <p>25 as acceptable?</p>
<p style="text-align: right;">Page 159</p> <p>1 MS. HUERTA: Can I make an agenda</p> <p>2 item, that we have somebody talk to us about what</p> <p>3 these paleochannels are that have been referred to.</p> <p>4 Can we have that for the next RAB meeting?</p> <p>5 DR. LENE: You want that an action</p> <p>6 item? Is that what you're saying?</p> <p>7 MS. HUERTA: Yes, sir, for next time.</p> <p>8 I don't know who would be qualified, but --</p> <p>9 DR. LENE: Dick is going to put that</p> <p>10 on the list.</p> <p>11 MS. HUERTA: Thank you, sir.</p> <p>12 MR. JACOBI: I'd like to commend</p> <p>13 Mr. Neathery. I thought it was a very objective</p> <p>14 and -- and -- at least from what I've seen, a very</p> <p>15 fair review. I haven't read the original report,</p> <p>16 but this is -- this is more of the type of</p> <p>17 information I had in mind when -- when I contemplated</p> <p>18 what -- that the -- that money would be spent for.</p> <p>19 MR. NEATHERY: Thank you. Any other</p> <p>20 questions?</p> <p>21 DR. LENE: A question from the floor?</p> <p>22 MR. PENA: Did we already pay the</p> <p>23 service -- the \$100,000 for the report.</p> <p>24 DR. LENE: Yeah. They're -- They're</p> <p>25 talking about money that was used to generate that</p>	<p style="text-align: right;">Page 161</p> <p>1 MR. NEATHERY: I'm not sure what you</p> <p>2 mean by "comparative analysis." I have nothing to</p> <p>3 compare this report to.</p> <p>4 MR. MARTINEZ: Are you not comparing</p> <p>5 what is inclusive in the report with what your</p> <p>6 findings are?</p> <p>7 MR. NEATHERY: My -- My findings are</p> <p>8 are based on the review of the report. I have no</p> <p>9 other data other than what's in the report. This is</p> <p>10 basically a book report on a book that I read. I</p> <p>11 have to assume that the data that went into making</p> <p>12 that book was accurate.</p> <p>13 MR. MARTINEZ: So, your standard that</p> <p>14 you're using would be -- in making the evaluation of</p> <p>15 the report would be an acceptable measure that you</p> <p>16 would use and it's an acceptable professional</p> <p>17 engineering method that you would use?</p> <p>18 MR. NEATHERY: It's -- It's based on</p> <p>19 my condition and -- and my experience in the</p> <p>20 San Antonio area.</p> <p>21 MR. MARTINEZ: And is that a standard</p> <p>22 that is acceptable in the industry, as far as</p> <p>23 engineers?</p> <p>24 MR. NEATHERY: I -- I would think so.</p> <p>25 MR. JACOBI: If I might comment at</p>

RESTORATION ADVISORY BOARD MEETING

OCTOBER 5, 1999

42 (Pages 162 to 165)

Page 162

1 this point, we've already voted to ask the Air Force
 2 to take a look at this thing and respond and I'm --
 3 I'm sure that the author or authors of the report
 4 will be afforded the opportunity to provide
 5 additional information and correct the shortcomings
 6 that Mr. Neathery has -- has identified.
 7 MR. NEATHERY: Yeah. And, again,
 8 there may be other reports out there that perhaps
 9 address the issues of the paleochannels. You know,
 10 I -- it was not within my scope to review anything
 11 other than that document. So, if it's out -- it may
 12 be out there. I'm just not aware of it.
 13 MR. MARTINEZ: Well, you're making
 14 recommendations and I presume your recommendations
 15 are the omissions or misinterpretations that you will
 16 find in the report itself and you're making
 17 recommendations to that extent?
 18 MR. NEATHERY: Yes. They may either
 19 be omissions in the report or it's just the fact
 20 that -- that I don't have all of the other reports to
 21 review.
 22 MR. MARTINEZ: And my only question
 23 was whether -- your -- your reliability factors that
 24 you're using to pretty much consider whether the
 25 information is factual or not in the report, you're

Page 163

1 basing it on your -- standards that you have
 2 knowledge of.
 3 MR. NEATHERY: Well, the -- the facts
 4 that are presented in the report, I have to -- to
 5 take at face value. I wasn't out there when they
 6 collected the samples and they talked about where the
 7 plume is and those types of things.
 8 MR. MARTINEZ: So -- So --
 9 MR. NEATHERY: What I did is -- was --
 10 was my experience -- with 12 years of experience here
 11 in the San Antonio area and I looked at it as -- as,
 12 "All right. Let's assume that the data that they
 13 had to work with was correct, how would I have
 14 approached this? What -- What were the things
 15 that" -- "that I would have done? And -- And --
 16 MR. MARTINEZ: To make it different or
 17 more --
 18 MR. NEATHERY: Yeah. That's -- That's
 19 all that I have to go on -- is -- is my personal
 20 experience. We also relied on the input from
 21 Dr. Mathewson at Texas A&M. So, there were two
 22 different people that were looking at this thing.
 23 MR. MARTINEZ: So, to -- to the extent
 24 that the report is -- is -- is factual -- I mean --
 25 and acceptable -- I mean, that's more or less already

Page 164

1 conceived that it is.
 2 MR. SANCHEZ: I think this is a
 3 very -- very illustrative of what we asked him to
 4 do. We didn't want him to go out and gather new
 5 information or sample or -- he only had the document
 6 that was presented to us to review -- and based on
 7 his professional knowledge, he gave us this
 8 independent look -- that's only -- only what was
 9 written in that report -- you know, he didn't have
 10 the -- the latitude of going out and looking for
 11 information. We didn't want that. We just wanted
 12 him to look at this report that had been presented to
 13 us as the plan of action for cleanup. Is -- Was this
 14 a good report? He's given us some good information,
 15 that the report is vague, has some deficiencies
 16 there.
 17 MR. MARTINEZ: So, his findings
 18 necessarily would only add to the finality of the
 19 report, except to make it more usable in a sense
 20 and -- but the report is true in fact?
 21 MR. NEATHERY: Yes. Yes. Hopefully,
 22 the -- the -- the board would be able to take -- or
 23 the Air Force or whoever -- would be able to take my
 24 comments, go back to the -- the people that produced
 25 the report, allow them to revise it and make that

Page 165

1 into a better document. I mean, we're talking about,
 2 you know, Zone 4, which is the area that is off
 3 base. This is what they're proposing to do. I think
 4 that -- that anything that they're going to propose
 5 to do needs to be very clear as to what they're going
 6 to do. The report needs to be very concise and it
 7 needs to be scientifically valid. And, so, any of
 8 the comments that I made to help towards that end --
 9 that's what I view as my job.
 10 MR. MARTINEZ: Yeah. Well, the final
 11 point I think that -- what you will do is -- is very
 12 much to improve the report -- and -- and I think
 13 that -- that was very well presented. In -- In fact,
 14 you presented what you thought would be more in line
 15 with -- with -- in other words, to -- to make the
 16 report more --
 17 MR. NEATHERY: Yeah.
 18 MR. MARTINEZ: -- more acceptable --
 19 and -- and I think that's -- that's a good idea, but
 20 the finality of the report will be once you include
 21 and add your comments and, then, overall, the report
 22 will be more acceptable.
 23 MR. NEATHERY: Yeah. that would make
 24 sense to me.
 25 MR. MARTINEZ: Thank you.

RESTORATION ADVISORY BOARD MEETING

OCTOBER 5, 1999

43 (Pages 166 to 169)

<p style="text-align: right;">Page 166</p> <p>1 DR. LENE: It's after 10:00 o'clock. 2 Shall we move on? 3 Okay. At this time, I'll turn it over 4 to General Murdock. 5 BRIG. GEN. MURDOCK: The next item on 6 the agenda prior to community comments is an update 7 on the off-base cleanup workshop -- and as suggested 8 and voted on by the RAB in the July meeting, a 9 workshop planning committee met last week to discuss 10 and plan a RAB workshop to discuss off-base 11 contamination. 12 I'd like to personally thank the 13 volunteers of the planning committee for meeting and 14 their willingness to establish a foundation and a 15 focus for Thursday's meeting. That meeting 16 Thursday -- this coming Thursday -- will be at 5:30 17 in the evening at the base -- at Kelly Air Force Base 18 chapel. The meeting is programmed and scheduled to 19 be conducted from 5:30 to 9:30 in the evening -- 20 again, this Thursday, the 7th of October. 21 I'd like to reiterate that the primary 22 purpose of the workshop is to provide the RAB with 23 clarification and -- and working knowledge of the 24 off-base contamination. As such, we hope to have the 25 Kelly staff provide interim actions and alternatives</p>	<p style="text-align: right;">Page 168</p> <p>1 make an effort to come out. I think the meeting will 2 be facilitated and -- and I hope that it will gather 3 your input so that we can better articulate how best 4 to engage the community in the remediation efforts. 5 Any comments or questions on 6 Thursday's meeting? 7 MR. PENA: The chapel, you said? 8 BRIG. GEN. MURDOCK: Yes, at the base 9 chapel. 10 MR. PENA: Okay. You're going to go 11 through the main gate and -- 12 MR. PERSON: Second light, take a 13 right at the "Y." 14 MR. PENA: At the light, take a 15 right. Okay. 16 BRIG. GEN. MURDOCK: Any other 17 comments or questions? 18 With that, let me turn it back over to 19 Dr. Lene to request any further community comments. 20 DR. LENE: As we promised, we're going 21 to offer another opportunity for comments from the 22 community. So, you have any comments at this time, 23 now is the time. 24 Okay. Please -- identify yourself, 25 please.</p>
<p style="text-align: right;">Page 167</p> <p>1 that may be a part of the proposed final remedies 2 and, also, to gather public input for opportunities 3 for which we can gather that input and incorporate it 4 in our plans. A secondary purpose of that workshop 5 is to learn more about the constituency that you, the 6 RAB members, represent, so that, hopefully, we can 7 leverage our efforts to be proactive in a community 8 involvement initiative. I think it important and 9 I'd, quite frankly, be anxious to hear how we can use 10 our ongoing initiatives and outreach mechanisms to 11 involve the -- the folks that you represent out there 12 in the community. 13 In closing, let me mention that there 14 were also a couple of requests for sandwiches during 15 the meeting on the 7th of October, but since it is a 16 public meeting and there were not that many requests, 17 we've elected to -- to do away with the catering 18 service. So, meals will not be provided and if -- 19 because the meeting is scheduled to take place 20 between 5:30 and 9:30 -- what most people would 21 normally consider the dinner hour -- if you would 22 like to come out and bring something to eat and 23 drink, we'd encourage you to -- to do that, also. 24 I'd like to encourage all the members 25 of the RAB that are so inclined to please try and</p>	<p style="text-align: right;">Page 169</p> <p>1 MR. GONZALES: My name is 2 Roger Gonzales. I'm a member of the community and I 3 just had one question about this service -- about the 4 use of the paleochannels and the migration of the 5 plume. Is that for future migration or is that 6 present migration? Where -- under this study, are we 7 not aware -- are we in error of the forecast of where 8 the plume is going to be in, say, 25 years from now? 9 MR. NEATHERY: I -- I don't know. 10 Based upon this sole report, there is no discussion 11 of that. I don't know if that has been addressed in 12 another report or not, but that would have an impact 13 on conceivably current and future migration. 14 MR. GONZALES: So, we could be in 15 error of the free-phase -- 16 MR. NEATHERY: Now, the dissolved -- 17 the dissolved product will go where the groundwater 18 goes, because it's in the water. But if there's 19 any -- any free-phase product, it will -- it will 20 tend to go where the paleochannels are. 21 MR. GONZALES: Okay. That was my 22 question. 23 DR. LENE: Other comments? 24 MR. PENA: You know you're going to 25 hear from me.</p>

RESTORATION ADVISORY BOARD MEETING

OCTOBER 5, 1999

44 (Pages 170 to 173)

Page 170

1 MS. KELLY: Once more.
 2 MR. PENA: Yes, ma'am, once more.
 3 Okay. I have a question. Wasn't --
 4 the Alamodome had soil that was contaminated. And
 5 didn't they, like, just -- like, react real quickly
 6 on this?
 7 (Group response.)
 8 UNIDENTIFIED SPEAKER: Not at all.
 9 MR. PENA: All right. That -- That
 10 just blew out my thing. But -- Let me just identify
 11 myself. My name is Frank Pena -- Well, one more
 12 question. Does anybody on this board own their own
 13 company? Is it in San Antonio -- the south side?
 14 MR. RICE: Downtown.
 15 MR. PENA: Okay. All right. I just
 16 want to make -- just want to clarify this.
 17 Okay. My name is Frank Pena. I own
 18 my own building on Quintana Road. I own my own
 19 company and I have contracts with Boeing, EG&G,
 20 Kelly, Pratt-Whitney, OPTECH -- you name it, I've got
 21 it. So, I'm probably jeopardizing all my career, but
 22 it's like -- I know General Carlton personally. He
 23 was company commander -- Chief Surgeon
 24 Charlie Blackland. He was in to my shop before being
 25 transferred. My uncle was a retired four-star

Page 171

1 general in the Army, Pat Brady. I wear a badge of
 2 honor in working for my community and my company and
 3 to have some lady who cannot -- who comments on
 4 her -- on our lives and a general that is leaving --
 5 because you'll probably leave in about two years of
 6 base closure, right?
 7 BRIG. GEN. MURDOCK: I have no idea
 8 when I'm leaving.
 9 MR. PENA: Okay. Well, I'm going off
 10 the limb and say when the base closes, you're
 11 probably going to leave Kelly because no one else is
 12 going to be there -- and it's probably jeopardizing
 13 my contracts with this, but it's not about money
 14 now. It's about a moral obligation of many of the
 15 wrongs that need to be righted. So, look in the
 16 mirror, all of you-all, and your children's eyes.
 17 Would you do what you're doing to us to them? What
 18 I'm trying to say is that -- like right now,
 19 Mr. Hampton wasn't here to say what EG&G -- EG&G -- I
 20 go to base four times a week, five times a week --
 21 all the time -- and I look -- they have the highest
 22 standard -- and don't get me wrong, EG&G is
 23 controlling this. He's -- facilitate management.
 24 Mitch Harris, he's probably one of the best guys that
 25 I've ever met and they're sticklers on everything

Page 172

1 that -- that should have been in the Air Force and
 2 they make sure everything is going to happen -- and
 3 when I go to the base, you see spills or this,
 4 that -- they take that -- and I -- I think -- because
 5 no one was here for EG&G, they need to understand the
 6 community -- that they're there to take care of the
 7 situation that they're -- they just got --
 8 inherited -- and that's a shame, because they -- they
 9 have to do a lot of stuff and people don't realize
 10 that they made mistakes and we need to -- to work
 11 this out. And it's like -- you know, I love when
 12 people just look at their watch, but, you know,
 13 I'm looking at my life and you've got to understand
 14 that, ma'am. You don't live here. I live here. And
 15 I've always put down the north -- I've -- I'm a
 16 north side boy and -- I mean, God's humbled me and
 17 made me live on the south side and I'm going to be
 18 here -- I'm ashamed to say I have not been here, but
 19 you're going to see me more and more -- because --
 20 it's going to happen one person at a time until
 21 everybody's going to be here and we're going to fight
 22 this together.
 23 And -- like, the TNRC (sic) -- these
 24 guys aren't bad guys. These guys are sticklers.
 25 They have so much -- things on the permits and this

Page 173

1 and that. They are -- They have made -- and I will
 2 let you know -- you-all have made so many strides
 3 to -- to helping us -- the EPA, as well -- and
 4 you-all help us with the small businesses by your
 5 booklets that we -- where we read how we do this
 6 stuff -- and if more people -- and I don't even see
 7 any more -- their contractors. They should stay here
 8 and realize that we're trying to work together.
 9 That's what it's all about. We're not trying to put
 10 anybody down. We just want everybody to unite and
 11 grow together -- and, then -- today's my first day,
 12 but you'll see me. I guarantee it. You'll see me
 13 all the time. Because -- I'm ashamed because I
 14 haven't been here and I will make that up. But I'm
 15 just trying to tell you -- I'm not trying to come
 16 down on you, ma'am, but, you know, I've worked at a
 17 lot of places where you wouldn't have even been able
 18 to pay for it -- because I've always been in the
 19 restaurant business. I've never done any automotive
 20 repair and I've done this because someone told me I
 21 couldn't open up a restaurant and I'm very hard
 22 strung on -- on motivating myself and motivating the
 23 people and you'll see that. You'll -- You'll --
 24 Things are going to happen. You'll see me working --
 25 and it's one step at a time. And, like I said, these

RESTORATION ADVISORY BOARD MEETING

OCTOBER 5, 1999

45 (Pages 174 to 177)

Page 174	Page 176
<p>1 faithful people -- it's not about -- that they want 2 to hear the voices or anything. They're concerned 3 about them, their neighbor, the community and that's 4 where you get the pride, that's where you get the 5 motivation in sticking together. 6 MR. PERSON: We've got two vacant 7 spots on the RAB. 8 DR. LENE: Yeah. I wanted to make 9 that point. We do have two vacant spots on the RAB. 10 Apply. 11 MR. PENA: Oh, I will be there. I'm 12 going to talk to the gentleman over here. 13 MS. TREVINO: Hi. My name is 14 Carol Trevino and I'm a very concerned citizen and I 15 just want to say that the Air Force -- which is the 16 federal government -- you have absolutely no right 17 to allow nature to take its -- to take care of these 18 people -- the residents on the south side -- because, 19 simply, nature did not contaminate these people. 20 Air Force did. And as far as -- I wanted to say this 21 in the first public hearing, but I was cut off -- but 22 when you -- someone here said not to worry, that 23 Congress will always give funds for cleanup and -- 24 you know, because someone raised a concern about -- 25 I think Mr. Quintanilla -- about the 25-year natural</p>	<p>1 MR. QUINTANILLA: I'd have to see the 2 letter. 3 MR. PERSON: Just a clarification, 4 whether you're representing us on that RAB -- 5 MR. QUINTANILLA: No. I'm not 6 representing the Kelly RAB. I am there as a RAB 7 member only, but I do not represent Kelly Air Force 8 Base. 9 MR. PERSON: So, why would Mr. Montoya 10 be questioning my participation on this RAB? 11 MR. QUINTANILLA: He shouldn't. 12 MR. PERSON: He has. 13 MR. QUINTANILLA: Why should he? 14 MR. PERSON: You tell me. I wasn't 15 there, Armando. 16 MR. QUINTANILLA: I really don't 17 know. Does he know you? 18 MR. PERSON: He has my name and 19 address and he's making lots of demands. 20 MR. QUINTANILLA: I will talk -- give 21 me the letter. I'll answer it for you. 22 MR. PERSON: I'll -- I'll be more than 23 happy to write a letter. 24 MR. QUINTANILLA: Okay. 25 MR. PERSON: But if -- if you are</p>
Page 175	Page 177
<p>1 attenuation and whether or not we're going to have 2 enough funding and someone said, "Well, don't worry 3 about it. Congress will give" -- "will always give 4 us the funding." So, will you find yourself saying 5 the same thing when you face future litigation, which 6 I think you're into already? 7 DR. LENE: Any other comments? 8 MR. PERSON: I have a comment. It's 9 more of a question than anything. Armando has been 10 attending Restoration Advisory Boards on a national 11 level; is that correct? 12 MR. QUINTANILLA: That's correct. 13 MR. PERSON: And have you been 14 representing this RAB -- 15 MR. QUINTANILLA: No. 16 MR. PERSON: -- on a national level? 17 MR. QUINTANILLA: No. No. 18 MR. PERSON: I've got a letter here 19 from a guy in California that -- a Jim Montoya. Are 20 you familiar with him? 21 MR. QUINTANILLA: I've met him. 22 MR. PERSON: And he was asking lots of 23 questions about my participation on the RAB and 24 information he's requesting from us and Kelly 25 Air Force Base. Can you address this?</p>	<p>1 representing us as a whole -- 2 MR. QUINTANILLA: No. I'm not 3 representing the RAB as a whole. 4 MR. PERSON: -- business of Kelly 5 Air Force Base -- 6 MR. QUINTANILLA: I'm representing -- 7 I'm there as a -- as a member of this RAB only, but I 8 do not represent the Kelly Air Force Base RAB. 9 MR. PERSON: Obviously, it's been 10 discussed in public. 11 MR. QUINTANILLA: Oh, yeah. I go out 12 there and tell them what -- what -- just like every 13 other RAB. There are 252 RABs in the 14 United States -- Army, Navy, Marines, Air Force -- 15 and they all speak up and I speak up as to what's 16 happening at Kelly. 17 MS. HUERTA: Is this an appropriate 18 forum for this discussion? I don't know. 19 MR. PERSON: I don't think it is. 20 MR. QUINTANILLA: Well, the -- the 21 parliamentarian -- 22 MS. HUERTA: Who's our 23 parliamentarian? 24 MR. JACOBI: As parliamentarian, 25 the -- the chair has left it open for discussion.</p>

RESTORATION ADVISORY BOARD MEETING

OCTOBER 5, 1999

46 (Pages 178 to 181)

Page 178

1 In -- In my view, it is an issue if we have an
 2 individual member of the RAB speaking on behalf of
 3 the RAB as a whole when not authorized by the RAB as
 4 a whole. We don't have enough facts in front of us
 5 to -- to make an intelligent decision about that.
 6 So, I would suggest we take it up with the co-chairs
 7 and -- and try and resolve that independently. If it
 8 needs to be an agenda item, we can make it an agenda
 9 item.

10 MS. HUERTA: Can we put it as an
 11 action item -- about when we represent ourselves,
 12 when we represent our organizations and when we
 13 represent the RAB for next time?

14 BRIG. GEN. MURDOCK: What is the
 15 purpose?

16 MS. HUERTA: Well --

17 BRIG. GEN. MURDOCK: I think it's very
 18 clear that unless somebody is designated by this RAB
 19 by a vote to represent them, that they represent
 20 themselves in any other forum.

21 MS. HUERTA: That's what I would think
 22 and I would --

23 BRIG. GEN. MURDOCK: I don't see any
 24 need to --

25 MS. HUERTA: I would be concerned

Page 180

1 meetings -- and I was looking at your cleanup program
 2 schedule. I know this is just like a proposal,
 3 right? This is kind of like, I guess, something you
 4 kind of are going by and it has design, construct,
 5 cleanup, monitor, the start date and a completion
 6 date -- you know -- I mean, realistically --
 7 I mean, are you-all serious about this? Because the
 8 year 2027 -- Zone 1 would be -- will be -- clean will
 9 be completed 2022. Now, that's a long time and --
 10 I understand the procedure. You have these
 11 meetings -- I mean, you come up with a plan or you
 12 have proposals and stuff like that. I -- I -- I want
 13 a realistic time -- timetable, I guess I'm asking.
 14 I -- I want to know -- I -- I want -- I want
 15 dates. I want times. I want -- I don't know if I'm
 16 not -- I don't know if -- if I'll get answers, but
 17 that's what we want -- I think -- that's what I
 18 want. I think that's what, you know, my neighbors
 19 want. They want times. They want dates. They --
 20 They -- yeah -- you-all talk about -- you know,
 21 "We" -- "We've done" -- "We" -- "We have this report
 22 and we have this guy," you know, "interpreting this
 23 report. These are what our" -- "our alternatives
 24 are." I know that most of you on the panel don't
 25 live in our neighborhood. I know most of you on the

Page 179

1 if -- if we, as members, got a letter from somebody
 2 with an accusation or an insinuation -- and, then, it
 3 was brought to a public forum. If -- you know, if
 4 it's a problem, we need to make it an action item to
 5 address who we represent and when or we just
 6 represent ourselves unless we're at this table.

7 BRIG. GEN. MURDOCK: And I think
 8 that's clearly understood by all at the table.

9 MS. HUERTA: Okay.

10 MR. QUINTANILLA: General, for the
 11 record, Kelly Air Force Base RAB does not pay for my
 12 travel. It comes out of my own pocket, whether it's
 13 to San Francisco, whether it's to Chicago or
 14 Washington where I speak to the congressmen, which is
 15 my right. I speak before the National Press Club,
 16 which is my right. I speak to the -- to the DERTF,
 17 to -- to Secretary Goodman's Defense Environmental
 18 Restoration Task Force, but I'm speaking as
 19 Armando Quintanilla and I --

20 BRIG. GEN. MURDOCK: You don't have to
 21 justify that to me.

22 MS. HUERTA: Yeah.

23 MS. PULIDO: I have a question. My
 24 name is Pearl Pulido and -- okay -- we have these
 25 meetings -- or you have these -- have these

Page 181

1 panel didn't contaminate Kelly Air Force Base,
 2 you know, so -- we know that. We want -- We want it
 3 cleaned up. We want it cleaned up fast and we don't
 4 care if we -- we have ten meetings or whatever,
 5 but -- you know, we just don't want it to take
 6 20 years for you -- or -- or another ten years or
 7 five years before you actually send a crew of
 8 specialists or -- or -- or a crew down there to start
 9 cleaning up. We want it -- We want it done quick and
 10 swift before, you know, people start really getting
 11 sick or -- or before it gets worse -- and, then --
 12 yeah -- you say, "Well" -- you know, "We" -- "We had
 13 to do all of this before we actually started cleaning
 14 up, because that's procedure." I mean, I would think
 15 that -- that the Air Force -- the government --
 16 us -- could do better than that. That's all I have
 17 to say.

18 DR. LENE: Other comments?

19 MS. ZAMORA: Hello. My name is
 20 Michele Zamora. As an early childhood educator,
 21 I just have a simple question. I guess it goes back
 22 to her comment concerning, yes, this is taking us
 23 20 years, this is taking us maybe longer to clean up,
 24 the effects and ramifications on, you know, young
 25 children that are growing up in this area that's --

RESTORATION ADVISORY BOARD MEETING

OCTOBER 5, 1999

47 (Pages 182 to 185)

Page 182

1 is contaminated -- you know, I know right now,
 2 we're -- we're thinking of ourselves -- and, sure, it
 3 will take, you know, eight -- one of the nice ladies
 4 who was explaining the charts explained to me that it
 5 would take eight -- you know, eight gallons a day
 6 over the course of 20, 30 years. Well, when you're
 7 looking at the -- a growing child -- you know, a
 8 pregnant mom, a growing child and -- you know, you're
 9 looking at the development, you're looking at --
 10 you know, just the way a child develops from zero to
 11 three is such an important part of their lives and
 12 we're saying, you know, "You are condemned right now
 13 to live in an environment that basically is
 14 contaminated."
 15 You know, I live, basically, within --
 16 I -- I can see Kelly Air Force Base. I can see the
 17 piles of dirt that are basically right across the
 18 railroad tracks from me that are -- you know, sure
 19 they're housed. I'm sure they're taking care of
 20 them, you know -- but I can -- here I am thinking --
 21 you know, if -- my 14-month-old son has asthma.
 22 We've got, you know, just -- we've got everything --
 23 the groundwater flowing. We've got the -- the air
 24 that's pushing contaminated dirt over to us. We've
 25 got all kind of things. And I know, you know,

Page 183

1 we're -- we -- you know, we're trying to do all
 2 this with the board and we're seeing all this
 3 conflict and -- you know, I want to know --
 4 I want -- you know, I want it done now -- which
 5 I'm -- which I'm sure is what a lot of the community
 6 is saying. We want it done now. We want to see
 7 action now.
 8 You know, I'm -- I -- as an educator,
 9 I -- I can say to myself, you know, "What's going to
 10 happen when our children, our" -- you know, "our
 11 young babies" -- you know, "are drinking this -- or,
 12 you know, "drinking our water, playing outside,
 13 breathing our air that's just right across the street
 14 from Kelly and they're developing" -- you know,
 15 "they're" -- "getting brain development, getting" --
 16 you know, just -- all this is going into them --
 17 you know, like everybody's been saying, "Would you do
 18 this to your children?" I know you don't live in our
 19 area and I know -- and I know you-all didn't go out
 20 and contaminate, you know, the soil yourself and go
 21 out there and -- but -- you know, we're -- you know,
 22 I'd like to see some more done -- you know, actual --
 23 and I know those reports are great and I know the --
 24 you know, the studies are great and let's figure out
 25 the best method to do it, but -- you know, I'm sure

Page 184

1 there's an easier way of saying, "This is the best
 2 way. This is" -- you know, "Nine out of ten
 3 geologists" -- or whatever -- "say this is the best
 4 way to clean up the environment" -- you know, "to
 5 clean up the environment fast, quick and the right
 6 way." I'm sure we can do something about that -- at
 7 least for the children. Thank you.
 8 MS. ADAMES: May I make a comment? I
 9 applaud her that now she comes forward. We've been
 10 on it for quite some time. There was a time when
 11 there was only three people from the community at
 12 meetings like this. So, you've come a long way.
 13 MS. ZAMORA: I plan to be here,
 14 hopefully, for the next meeting.
 15 MS. ADAMES: I hope you are here. I
 16 live right by the jet fuel tanks. It's by my back
 17 window. When I used to tell them about what I saw,
 18 what smells and everything, they -- it couldn't be.
 19 How could I go out and say something like that?
 20 There are other sources that are there that could be
 21 causing all that. When the contamination started
 22 coming out in the open, borderline fence --
 23 chain-link fence keeps that contamination from coming
 24 to my yard. So, girl, you've come a long way.
 25 Keep on. Thank you.

Page 185

1 DR. LENE: Other comments?
 2 Okay. I -- I guess we'll close the comment period
 3 and move on to Item --
 4 BRIG. GEN. MURDOCK: In -- In summary,
 5 I guess, we need to think about the agenda items for
 6 the -- the next meeting in January. I would suggest
 7 that -- as I mentioned at the beginning, that Kelly
 8 provide the restoration site priorities as an agenda
 9 item, as -- as we mentioned at the beginning of the
 10 meeting. I also -- also think it would probably be
 11 appropriate for the results of the workshop or the
 12 status of the workshop to be briefed to the RAB in
 13 the January time frame if the RAB thinks that that
 14 would be appropriate. And, then, we certainly have
 15 the co-chair and member reelection issues to take
 16 care of in the January time frame.
 17 And the last item that I have is, if,
 18 in fact, the RAB wishes to hear the GKDC
 19 Redevelopment Update that was not able to be provided
 20 tonight, that you may want to consider that for the
 21 January time frame.
 22 MR. PERSON: Is the next meeting in
 23 January?
 24 BRIG. GEN. MURDOCK: Yes. The next
 25 meeting would be in January.

RESTORATION ADVISORY BOARD MEETING

OCTOBER 5, 1999

48 (Pages 186 to 189)

Page 186

1 MR. PERSON: January what?
 2 BRIG. GEN. MURDOCK: January the 11th
 3 at the South San High School.
 4 MR. QUINTANILLA: General, I have a --
 5 and, also, Dr. Lene, I have three items and -- and
 6 these are from the 21st of June letter. I would like
 7 to have a -- an update of current activities in Zone
 8 1, 2, 3, 4 and 5. The RAB gets -- not the RAB -- but
 9 the BCT gets these updates every month. So, perhaps
 10 it can be consolidated and presented to us.
 11 BRIG. GEN. MURDOCK: Okay.
 12 MS. HUERTA: Could that be given to
 13 the TRC Subcommittee (sic) instead of the full RAB?
 14 Could those updates be given at the TRC Committee
 15 instead of to the full RAB, Mr. Quintanilla?
 16 DR. LENE: You mean the TRS?
 17 MS. HUERTA: Yeah. What did I call
 18 it? TR -- Sorry. I'm thinking the Rehabilitation
 19 Commission.
 20 MR. QUINTANILLA: Well, General, items
 21 that I've asked for -- I believe I can -- I'm sorry.
 22 Go ahead, Ms. Huerta.
 23 MS. HUERTA: I -- I'm just wondering
 24 if that could be addressed at the TRS meeting?
 25 DR. LENE: TRS instead of the full

Page 187

1 RAB.
 2 MS. HUERTA: Instead of the full
 3 RAB -- just for the updates of those zones -- which
 4 are all of them, right?
 5 MR. SANCHEZ: I think for -- for
 6 agenda items -- this is my own opinion -- that they
 7 be limited to cleanup activities. They should be --
 8 so that we can maximize the input from the
 9 community. We can hear that and we can get some
 10 discussion on it. Because if we get into this --
 11 this other kind of an agenda -- and everybody
 12 already leaves -- we -- we don't get into any
 13 substantial discussion on what we want to look at.
 14 MR. QUINTANILLA: The other items that
 15 I had was a report of what metals have been released
 16 into the groundwater for Zones 1, 2, 3 and 4 and 5 --
 17 and that's part of the cleanup. I don't think that
 18 has ever been briefed here.
 19 And the other -- the other one is the
 20 status of the extraction wells and the infrastructure
 21 on Union Pacific Railroad property. I understand
 22 that -- that the railroad holds that property. What
 23 was the status of that -- or what's going to happen
 24 to the wells there -- that sort of thing?
 25 The other item that I think that we

Page 188

1 should have is what happened to the community
 2 relations briefing that is mentioned on Page 6 of
 3 the -- of the meeting of July 20th. How come they
 4 weren't on the agenda? It was asked for, but it
 5 was -- it was not on the agenda.
 6 BRIG. GEN. MURDOCK: That was asked
 7 for -- I think that was asked for and provided to the
 8 individual who asked for it.
 9 MR. QUINTANILLA: Oh, just to the
 10 individual?
 11 BRIG. GEN. MURDOCK: Yeah.
 12 MR. QUINTANILLA: Not a briefing? I
 13 understood it was going to be a briefing for the
 14 whole RAB. Let me look at -- at the statement.
 15 DR. LENE: Armando, are you asking
 16 these be agenda items or action items?
 17 MR. QUINTANILLA: Yes. I'm asking for
 18 agenda items. I sent this out in a letter and some
 19 of these items were placed on hold.
 20 DR. LENE: Okay. That may take us
 21 into 2001.
 22 MR. QUINTANILLA: Yes. And give
 23 him -- give him a copy. This is a copy of the letter
 24 that I sent.
 25 DR. LENE: Okay. I -- I do think that

Page 189

1 some of the things you've mentioned should be in the
 2 form of an action item rather than agenda item.
 3 MR. QUINTANILLA: I -- I think it's
 4 good for the whole RAB to know what's -- and, also,
 5 for the community -- what's going on in Zone 1, 2, 3
 6 and 4 and 5. The BCT gets a briefing and this is
 7 what's going on. It only takes about five or ten
 8 minutes. And I think it would be good for the
 9 community. It would make the community want to come
 10 and know what's happening in their zone.
 11 MR. PUFFER: Could I suggest that we
 12 make status charts on the items that you mentioned
 13 that could be placed out at each meeting?
 14 DR. LENE: Good. That's good. I -- I
 15 think it -- it would be better in written form --
 16 yeah -- summary form.
 17 MR. QUINTANILLA: And -- And I have
 18 one more particular item -- and it doesn't have to go
 19 on the agenda -- or -- or -- it's just a comment
 20 that I got from the truckdrivers that are removing
 21 contaminated dirt from the Quintana Road project,
 22 taking it out there to the contaminated site at Kelly
 23 and, then, they're washing their trucks in a -- in a
 24 grassy area where the -- where the contamination is
 25 going. I -- I don't know whether that's true or not.

RESTORATION ADVISORY BOARD MEETING

OCTOBER 5, 1999

49 (Pages 190 to 193)

<p style="text-align: right;">Page 190</p> <p>1 but the truckdrivers -- they tell me they're not 2 allowed to get off the truck -- and that -- I just 3 wanted to bring that out for the record. 4 DR. LENE: George? 5 MR. RICE: I have seven items that I'd 6 like to have considered as action items at our next 7 meeting and -- and I'd like to go through there in no 8 particular order. First is one we already 9 discussed. I asked Mary Kelly to respond to my 10 question on the 27th of April. We've already talked 11 about that. 12 The second one is Mrs. Gomez asked 13 about the hospital near her home and the Air Force is 14 going to talk to Mrs. Gomez about that. I wonder if 15 the Air Force could just briefly tell the RAB what 16 they told Mrs. Gomez about that. That's a -- a story 17 I've heard for quite some time and I'd like to hear 18 about it. 19 The next one is the availability of 20 environmental data that's collected by tenants on the 21 base. I -- I asked Mr. Antwine that question. He's 22 not sure whether or not that's considered proprietary 23 data. I'd like to know if we can get ahold of that 24 data. Am I going too fast? 25 Okay. Then, an issue that several</p>	<p style="text-align: right;">Page 192</p> <p>1 Health Department? 2 MR. SANCHEZ: From the 3 Health Department? 4 MR. RICE: Yeah. 5 MR. SANCHEZ: Okay. 6 MR. PERSON: The Health Department -- 7 MR. RICE: Pardon? 8 MR. PERSON: The Health Department 9 hides stuff from us all the time. 10 MR. RICE: Well -- and that -- those 11 are the end of my action item requests. 12 Dick, do you have the 13 Health Department one there? 14 MR. WALTERS: Metro Health Department. 15 MR. RICE: If you need more 16 information -- I can talk to you afterwards if you 17 need clarification. 18 MS. HUERTA: Can we ask an agenda item 19 that Mr. Sanchez have a presentation from the 20 Health Department on what their role is on this 21 committee and how they'll incorporate the reports 22 that are coming out and -- and how -- how you 23 perceive it as impacting public health? Because 24 that's what the community seems to be worried about. 25 MR. SANCHEZ: I think -- I think</p>
<p style="text-align: right;">Page 191</p> <p>1 people brought up here is the one of vinyl chloride 2 gas and what might be its health effects. You know, 3 I -- this -- probably, nobody knows what the answer 4 to that question is, but I'd like to know whether or 5 not the Air Force intends to conduct any studies of 6 that. What -- What -- Does the Air Force intend to 7 address that question? And, if so, how? 8 I'd also like to know what the -- if 9 the Air Force has a position on evaluating 10 pump-and-inject at S-4 as a remedial alternative. 11 It's an action item. Do they intend to evaluate this 12 alternative or not? And the reasoning behind the 13 "yes" or "no" answer. 14 And, then, finally one that -- that is 15 directed more towards Sam than the Air Force -- 16 you know, I understand -- in the newspaper after the 17 ATSDR report came out, the Metro Health 18 representative said, "Well, they had a lot of this 19 information that the ATSDR had years ago," but they 20 did -- chose not to make it public -- and what I'd 21 want -- or what I'd request that Metro Health would 22 do would -- provide the RAB with that information -- 23 those reports -- and an explanation of why it was 24 chosen not to make it public. 25 MR. PERSON: From the</p>	<p style="text-align: right;">Page 193</p> <p>1 that -- I'll discuss it with Dr. Guerra and we'll 2 present -- you know, we'll -- we'll try to get a 3 presentation or information that -- that -- that we 4 talked about in terms of the ATSDR report. When -- 5 When we talk about the -- the -- the mortality 6 information about cancers in -- in this community in 7 comparison with other cancers in other parts of the 8 community, it's a relative -- it's a discussion that 9 has to be made with relative numbers -- and I think 10 that that information did not get out in the way -- 11 in a very useful manner and I think we certainly owe 12 you that -- that -- that opportunity to look at 13 that information, you know, from -- from our 14 perspective and we would like that opportunity to do 15 that. 16 MS. HUERTA: Can we put it on our 17 agenda for January? 18 MR. SANCHEZ: That kind of 19 presentation will be a lengthy presentation and -- 20 and -- at least 35 -- 35 to 40 minutes. So, I'd -- 21 I'd like for you-all to be -- you know, to be 22 receptive to hearing this information because it's 23 important information. I think the -- the ATSDR left 24 a lot of questions. The newspaper stories, you know, 25 raised some additional concerns and it's not going to</p>

RESTORATION ADVISORY BOARD MEETING

OCTOBER 5, 1999

50 (Pages 194 to 197)

Page 194

1 be discussed through one action item agenda like
 2 that. So -- but it -- it -- it might be -- it would
 3 more than likely entail and necessitate a
 4 presentation of data that we -- that we -- we can
 5 assemble for that -- that type of information. So,
 6 I -- I -- I'm not adverse to doing that.
 7 MS. HUERTA: Would it be possible
 8 maybe to come early like the Air Force did with
 9 posters for public information, question and answers,
 10 before the presentation? Is that acceptable.
 11 MR. SANCHEZ: We can -- We can
 12 assemble a lot of that information. In fact, we did
 13 something very similar last Friday. We issued a
 14 health profile report for the whole City of
 15 San Antonio -- and in this particular report, which,
 16 by the way, we issue every year -- we list the
 17 various causes -- the ten leading causes of death in
 18 San Antonio -- what they are by council district. We
 19 do this every year. There hasn't been any -- any
 20 attempt to suppress information like that. That
 21 information is always released every year and -- our
 22 information for 1998 was released last Friday. By
 23 the way, that information will be on the -- I know
 24 not -- not everybody has computers, but we'll --
 25 we'll put it on the Internet so that people can look

Page 195

1 at it, you know, as -- as they need to. But -- But,
 2 yes -- you know, to specifically answer that
 3 question, we would like that opportunity to bring
 4 some information to you.
 5 MS. HUERTA: My request -- Are you
 6 asking for my request?
 7 MR. SANCHEZ: I -- I was just -- on
 8 this last action item that we talked about here --
 9 since the -- since the next meeting is not until
 10 January the 1st of the year 2000, it might be -- it
 11 might be better for us -- you know, for the RAB -- to
 12 hear and see this health data information a lot
 13 sooner -- maybe at a -- at the next TRS or -- or --
 14 or the following TRS meeting. How's that?
 15 DR. LENE: We can do that. The
 16 next -- yeah -- the next TRS meeting, actually, is
 17 next week.
 18 MR. SANCHEZ: I won't have it by next
 19 week, but there is another one coming up.
 20 DR. LENE: Yeah. Right. There's
 21 going to be one in November and in December.
 22 MR. SANCHEZ: And those TRS meetings
 23 are open to the public.
 24 MR. PENA: Where is that going to be
 25 at?

Page 196

1 MR. SANCHEZ: They're at St. Mary's
 2 University.
 3 MR. PENA: Okay. What auditorium --
 4 room?
 5 MR. SANCHEZ: They're in the science
 6 building room.
 7 DR. LENE: They're in Garni Hall in
 8 Room 217.
 9 MR. PENA: Garner Hall? What time?
 10 DR. LENE: At 6:30.
 11 MR. PENA: And what date?
 12 DR. LENE: September the 12th is the
 13 next one.
 14 MR. PENA: Okay.
 15 DR. LENE: Of October -- sorry --
 16 October the 12th is the next one.
 17 MR. SANCHEZ: But we won't have it for
 18 October the 12th. We'll have it for the November --
 19 DR. LENE: I'm sorry?
 20 MR. SANCHEZ: We'll have it for the
 21 November --
 22 MR. PENA: No. I understand. You
 23 won't have enough time for preparation.
 24 MR. SANCHEZ: Yeah.
 25 DR. LENE: Right. The next meeting is

Page 197

1 the 12th. In November, it will be the second
 2 Tuesday -- whenever that is.
 3 MS. HUERTA: I would like to still ask
 4 Mr. Sanchez to be prepared with a -- maybe a poster
 5 demonstration for the public and maybe have
 6 15 minutes on our agenda so he can talk to the whole
 7 RAB committee. I just think we need to do that for
 8 our citizens -- not to say don't do it with the TRS,
 9 but -- you know, I -- I think it's important to do
 10 it.
 11 MR. SANCHEZ: No. We -- We welcome
 12 the opportunity to do that. But in case anybody
 13 wanted to look at it even earlier than that, I think
 14 the TRS would be a -- a good opportunity for RAB
 15 members to familiarize themselves with how that kind
 16 of information is put together -- and after this --
 17 after the meeting, if anybody has any questions they
 18 want -- you want to ask me about, then I'll be
 19 available for -- until they -- they exhaust
 20 themselves.
 21 MS. HUERTA: So, we're agreeing that
 22 that's from the Health Department -- on -- on the
 23 agenda? Is that an agreement on the agenda item?
 24 Okay. Thank you.
 25 DR. LENE: Sam, if you'll let us know

RESTORATION ADVISORY BOARD MEETING

OCTOBER 5, 1999

51 (Pages 198 to 199)

<p style="text-align: right;">Page 198</p> <p>1 what -- which meeting -- TRS meeting would be most 2 appropriate for you -- 3 MR. SANCHEZ: Probably in November. 4 DR. LENE: Probably November? 5 MR. SANCHEZ: Yes. 6 DR. LENE: Okay. We'll go ahead and 7 put it on the agenda for November. 8 MR. QUINTANILLA: Dr. Lene, I just 9 have one comment. Our meetings are getting longer 10 and longer. I understand -- I understand the July 11 meeting ended after 10:00 o'clock. It's after 12 10:35 -- 10:40 -- and I'm wondering if you would talk 13 to your co-chair, Mr. Pat McCullough there -- if we 14 could have these meetings every month or every six 15 weeks at least. I think it would be good. It would 16 be good for the community. It would be good for us. 17 DR. LENE: We can take up that 18 question again. You remember we voted on it once 19 before and if we want -- I'm just saying, if we would 20 like to revisit that, then we can. 21 MR. QUINTANILLA: Yes. I would like 22 to revisit -- 23 MR. PUFFER: Can we talk about that at 24 Thursday's meeting? 25 DR. LENE: I'm sorry?</p>	
<p style="text-align: right;">Page 199</p> <p>1 MR. PUFFER: Can we discuss that at 2 Thursday's, please? 3 DR. LENE: That's -- That's a good 4 suggestion. 5 MR. PERSON: I make a motion we close 6 this meeting and go home. 7 MS. HUERTA: I second that. 8 DR. LENE: We have a motion and a 9 second. All in favor? 10 (Vote by the RAB members.) 11 DR. LENE: I don't think there is any 12 opposed. 13 (Meeting concluded.) 14 15 * * * * * 16 17 18 19 20 21 22 23 24 25</p>	

RESTORATION ADVISORY BOARD MEETING

OCTOBER 5, 1999

Page 200

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25

STATE OF TEXAS *
COUNTY OF BEXAR *

I, JULIE A. SEAL, a Certified Shorthand Reporter and Registered Professional Reporter in and for the State of Texas, do hereby certify that the above and foregoing contain a true and correct transcription of all proceedings, all of which occurred and were reported by me.

WITNESS MY HAND, this the 11th day of October, A.D. 1999.

Cert. No. 5160

JULIE A. SEAL

Expires: Dec. '99 Certified Shorthand Reporter
in and for
(210) 377-3027 the State of Texas

A		
<p>ability 115:23 145:21 147:1 able 16:21 17:5 25:20 45:13 73:19 113:23 114:1,7 145:25 148:1,2,5 164:22,23 173:17 185:19 above 34:2 70:10 200:6 aboveground 59:15 above-entitled 4:5 absolutely 48:21 174:16 absorbing 25:7 abuts 56:21 accept 17:20,23 36:10,11,16 120:15 125:23 acceptable 6:22 7:20 36:7 87:25 88:14,16 150:7 151:17 160:23,25 161:15,16,22 163:25 165:18,22 194:10 acceptance 46:14 accepted 71:6,8,20 132:20 accepting 132:16 accomplish 25:9 59:14 63:24,25 64:6,21 75:15 143:25 accomplished 62:8 63:14 64:2 accomplishing 25:8 according 123:14 accordingly 28:10 accountability 116:1 accountable 35:11,13,24 accurate 93:16,18 142:13 161:12 accusation 121:21 179:2 accused 42:3 acknowledge 37:1 38:18 acknowledged 53:4 acreage 79:6,18 acres 79:1 across 182:17 183:13 act 131:22 acting 29:25 action 2:19 6:17,19 7:2 9:16 10:15,19 11:1 15:21 16:1,4 29:15 36:15 38:24 39:1,13,13,17 40:18 61:8 86:24 136:6 140:6 159:5 164:13 178:11 179:4 183:7 188:16 189:2 190:6 191:11 192:11 194:1 195:8 actions 26:8 35:11,13 58:19 166:25 active 20:20 56:23 57:11 69:22 70:8,16 actively 69:10 71:15 activities 4:14 57:24 64:1 74:10 149:21 186:7 187:7 activity 33:8 58:8 113:10 actual 75:13 105:14 183:22 actually 22:12,14 23:10 25:5,7 26:18 31:14 57:23 61:15 63:12,22 66:1 69:25 76:7 95:5,7 99:8,13 124:15,16 136:6 144:16 150:2 153:3 154:10 181:7,13 195:16 Adam 54:10 adames 2:20 26:1,15,24 116:5,8,9 120:1</p>	<p>120:3 138:25 184:8,15 Adam's 77:21 add 50:21 81:9 164:18 165:21 Addendum 96:7 addition 9:23 10:8 additional 85:12 86:20 162:5 193:25 address 11:20 15:17 20:8 21:9,25 45:24 53:17 63:21 68:18,20 86:14,22 88:18 118:1 120:9 121:9 155:8 156:25 162:9 175:25 176:19 179:5 191:7 addressed 10:20,22 11:17 23:2 25:2 69:9 71:25 142:19 157:12,14 169:11 186:24 addressing 69:12 adequate 64:5 111:11 adhere 94:8 administrative 6:11 adopt 80:11 81:4 adopted 128:13 adopting 81:2 83:8 advantage 43:22 51:3 adverse 194:6 advice 28:8,19 advisable 50:18 advise 126:6 137:20 advisors 49:11 advisory 1:10 33:20 35:1 72:20 126:5 127:16 128:5 131:13,15 141:24 175:10 AFBCA 54:13 64:14 affect 40:11,11 138:2 affected 40:4 affecting 31:6 40:18 117:2 afforded 51:2 162:4 after 17:22 19:23 21:12 43:17 45:23 56:10 62:14 64:25 87:7 94:19 95:8 113:8 166:1 191:16 197:16,17 198:11 198:11 afterwards 192:16 again 7:14 12:18 73:12,14 79:22 118:12 141:13 142:19 149:6 152:22 153:11 154:10 156:16,21,25 157:13 162:7 166:20 198:18 against 43:25 74:3 82:19 158:14 agencies 9:21 75:4 89:12 92:20 111:6 114:24 115:4,17 agency 2:5 5:5,17 9:5 20:14,16 54:3,11 54:15 62:4 63:1,20 89:16 129:8 agenda 6:10,11 7:8 8:25 13:10,12,19,22 14:2,12 51:8,9 53:20 82:21 84:14,15 85:15,16 86:14 87:2,2 94:14,15 136:2 159:1 166:6 178:8,8 185:5,8 187:6,11 188:4,5,16,18 189:2,19 192:18 193:17 194:1 197:6,23,23 198:7 agendas 84:22 85:6 121:14 136:21 agent 81:19 ago 10:17 16:9 24:16 41:20 42:7,23 43:3 56:7 191:19 agree 86:1 91:20 104:4 113:15 120:12,14</p>	<p>120:17 126:7,9 127:9 130:24,24 137:14 140:15,15 agreed 10:4 109:13 126:13,14,23 132:10 agreeing 197:21 agreement 15:9 197:23 ahead 15:13 67:17 68:11,13 70:4 116:8 140:21,24 141:6 152:11 186:22 198:6 ahold 190:23 aircraft 33:5 59:1,13 Alamodome 170:4 alert 40:21 alleviating 40:16 allocated 70:15 allow 84:7,22 85:16 128:22 130:14 148:18 153:24,25 154:4 164:25 174:17 allowed 58:4 83:20 125:25 133:19 190:2 allowing 51:10 57:21 58:13 67:13 allows 56:16 85:15 alluvial 143:23 155:1 almost 113:7 alone 37:22 along 4:23 28:24 52:7 75:25 91:14 97:6 116:20 149:18 alongside 25:16 already 27:17 43:20 47:17 49:2 51:13 64:14 67:5 74:3 75:9 84:12 95:17 101:18 121:11 122:25 123:11 144:20 157:14 159:22 160:3 162:1 163:25 175:6 187:12 190:8,10 Alternate 3:7 alternative 24:24 27:20,20,22,25 28:11 191:10,12 alternatives 24:15,23,25 25:16 26:13 27:10 28:15 29:2 166:25 180:23 always 20:22 43:12 72:16 172:15 173:18 174:23 175:3 194:21 amendment 81:6 America 38:24 among 12:1 amount 79:11,18 127:7 amounted 43:15 amounts 114:20 ample 90:6 analogy 133:15,17 analysis 140:11 152:10 160:21 161:2 analyze 95:22 analyzed 146:16 and/or 36:14 animal 43:8,9,10 Annalisa 16:15 Annex 57:1 announced 57:19 annual 23:15 annually 23:12 Anoesia 117:13 118:2 another 18:21 27:21 29:6,22 30:11 34:7 34:22 43:8 52:3,7,9 57:6 76:23 91:5</p>

105:3 108:1,13,18 109:7 110:2 114:4
 135:25 136:3,4 149:23 150:11 151:22
 152:3 154:7 156:9 157:14 168:21
 169:12 181:6 195:19
answer 12:15 21:2 24:3 29:12,14,21
 35:15,17,17 46:19 50:20 51:14 66:15
 87:16 107:10 131:6 140:5 176:21 191:3
 191:13 195:2
answered 10:24 11:15 39:19 51:5
answering 92:9
answers 33:16 52:15 108:2 180:16 194:9
anticipate 63:15 148:25
Antonio 2:13 3:4 4:3 5:23,25 40:13 41:15
 57:7 62:22 75:20 76:18 141:2 144:14
 149:15 161:20 163:11 170:13 194:15
 194:18
antwine 54:6,10 63:6,12,21 64:13 65:1
 65:10,17 67:4,21,25 68:3,6,12 69:7,17
 70:6,14 71:8,14,19,22 72:3 73:15 74:6
 74:19 75:7 76:15 77:5,12 78:8,12,15,21
 79:2,5 80:7 190:21
anxious 167:9
anxiously 139:12
anybody 11:19 18:19 21:10 52:13 170:12
 173:10 197:12,17
anymore 34:18
anyone 17:8 61:19 85:9
Anyplace 29:8
anything 20:4 34:17 45:7,8,15 90:7 92:4
 109:23 111:6 114:11 120:17 122:2
 132:12 133:20 141:10 160:7 162:10
 165:4 174:2 175:9
apparently 44:22 96:1
appear 116:3
APPEARANCES 2:1 3:1
appears 130:11
applaud 184:9
Applause 35:4 39:20 41:2 44:8 50:14
 52:5 53:5,10,14
application 96:9
applications 16:17
applies 60:23
apply 6:25 17:9 52:15 99:8 151:14
 174:10
Appraisal 37:7 39:25 40:1,9,20
appreciate 9:2 13:12 17:11 51:7 139:16
approach 45:23 55:6 86:14
approached 42:3 163:14
appropriate 26:7,13 52:2 83:16 177:17
 185:11,14 198:2
appropriated 58:6 130:18,22
approval 26:21,22 46:16 47:24 78:22
approve 48:16 87:21 88:4 132:3,16 141:9
approved 47:13,17,22
approximately 89:23 90:1 118:5
April 10:18 11:4 15:22 190:10
aquifer 25:7,10 30:19,20 143:21,23

144:11,13 146:13 147:9,19 148:7
 149:15 153:21,22 155:1
area 5:19 20:6 22:6 24:17,20 30:16 31:17
 34:2,5,23,24 41:16 42:11,13,16 44:13
 44:22 45:2,16 46:10 47:9 49:9 51:13
 69:21 102:24,25 130:24 144:5 147:25
 151:22 161:20 163:11 165:2 181:25
 183:19 189:24
areas 47:2 48:20 72:5 146:2,2,10 148:4
 149:20 152:20 153:17 157:5
arena 80:3
argue 136:17
armando 2:23 5:19 10:2,8 12:25 81:24
 111:7 175:9 176:15 179:19 188:15
Armando's 10:1
Army 171:1 177:14
around 45:6 55:2,14 58:8,16 59:19 65:9
 131:16 146:4 147:22
articulate 9:20 17:22 168:3
ashamed 172:18 173:13
asked 10:18,23 11:18 13:14,22,24 14:2,6
 14:11 15:21 51:23,24,25 86:24 88:11
 96:16 109:11 122:19 130:6 132:11
 164:3 186:21 188:4,6,7,8 190:9,12,21
asking 9:4 15:14 72:2 76:8,23 82:13
 102:6 109:1,3,4 160:9 175:22 180:13
 188:15,17 195:6
aspects 90:7
assemble 194:5,12
assess 41:1 155:23
assessment 113:1 118:17 148:22,23
associated 58:8 66:11 76:1
assume 7:20 64:23 142:12 156:19,20
 160:5 161:11 163:12
assurance 20:2 142:24 143:12
assure 90:6,25
asthma 182:21
ASTM 156:10,10,13
ATSDR 30:5 31:18 98:11 117:16,21
 118:16,24 119:4 191:17,19 193:4,23
attempt 50:20 194:20
attend 8:22 45:14 115:10
attended 20:18 126:8
attending 175:10
attention 4:9 77:1
attenuation 23:4 29:5,19 49:15 144:12
 146:18,20 147:2,5,7 175:1
attorneys 90:1,5
audience 52:24 145:2
auditorium 196:3
auger 145:5
augers 150:13,19 151:20
August 8:21 95:25
Austin 2:8
author 162:3
authorized 178:3
authors 162:3

automotive 173:19
availability 66:14 190:19
available 8:16 12:3,12 53:23,25 61:11
 62:9 63:20 65:24 80:13 93:7,13 99:7
 119:22 129:10 197:19
avenue 86:3
avoid 16:10
aware 11:2 14:10 69:10 139:17 162:12
 169:7
away 31:25 39:3 100:18 120:19 147:25
 148:1 167:17
A&M 142:2,3 163:21
A.D 4:1 200:10

B

B 103:8
babies 183:11
back 15:8 27:17 28:9 42:5 46:24 59:23
 60:3 73:12 77:20 80:16 84:11,24 85:2
 87:19 93:2 94:9 105:21 115:22 128:20
 132:24 135:6 154:1,4 164:24 168:18
 181:21 184:16
background 10:14 106:22 111:18 114:11
backhoe 32:2
bad 172:24
badge 171:1
bailer 152:22
balancing 131:22
banner 2:8 5:15,15 46:21 47:3,11,14,18
 47:21,25 48:5,11,14,21 86:19,23 87:7
 87:12,14 88:7,17,23 89:2,5,7 91:19,23
 91:25 92:3,8,12
barrier 22:2,4
base 2:5 4:22 5:5,21 7:19 9:5 10:4,8 19:3
 19:23 20:1,12,12,12,16,17,21,23,24
 21:19 22:1,3,4,4,8,16 23:20 26:9,10,11
 27:5,24 33:14 36:1,2,5,17 54:2,11,15
 54:19,25 55:2,6,25 56:14,21,23 57:5,10
 57:12,25 58:9,17,24 59:8,20 60:6 61:1
 61:18 62:16,19,21 63:3,23 64:2,17
 65:18 68:22 70:13,16 89:20 91:18
 96:17,19 100:18 105:10 130:8 165:3
 166:17,17 168:8 171:6,10,20 172:3
 175:25 176:8 177:5,8 179:11 181:1
 182:16 190:21
based 15:10 81:6 107:2 117:16 124:2
 130:12 133:7 144:22 146:11 157:2
 161:8,18 164:6 169:10
baseline 57:20 79:24 148:21,22
bases 55:2,5,14,14,19,20 58:7,10
basically 20:6 30:11,24 33:15 58:18
 141:4,11 142:22 143:6 145:3,12,16
 146:5,6,14 147:18 148:8,23 149:2
 150:19 151:4 161:10 182:13,15,17
basing 163:1
basis 23:15 113:22 125:16
BCA 70:12

<p>BCT 11:6,10,20 12:1,14 85:21 186:9 189:6 became 10:19 become 20:19 30:14 31:1 56:25 64:18 81:22 becomes 55:1 before 4:5 7:25 12:16 25:2 32:18 42:11 51:1 55:7 61:9,18 73:18 83:15 84:16 93:2,4 94:22 105:6 113:13 123:10 142:4 152:14 153:11,23 170:24 179:15 181:7,10,11,13 194:10 198:19 began 57:19 begin 4:10,13,19 26:23 40:21,25 94:14 beginning 83:15 135:7 185:7,9 behalf 90:2 132:21 178:2 behind 191:12 being 16:19 31:14 40:4,7 42:19 43:6 60:8 67:17 68:10,11,24 69:5,9 70:4 71:3,25 71:25 74:2 76:17 123:17 131:23 134:4 137:2 170:24 believe 6:20 7:18 24:1 35:15 36:7,9 38:4 40:2,8,17,24 41:22 44:3,3,19 45:5 52:1 53:12,23 69:14 70:20 74:21 75:2,3 76:11,25 77:10 83:20 85:9 86:1 96:21 99:13,16 104:24 120:25 152:8 186:21 believed 111:11 belittling 108:9 beneath 147:11 benefit 22:14 58:11 112:23 beside 45:2 Besides 32:18 best 90:25 111:11 168:3 171:24 183:25 184:1,3 better 24:6 58:15 77:24 118:1 131:4 158:24 165:1 168:3 181:16 189:15 195:11 between 4:3 144:13 149:14 160:24 167:20 bexar 4:3 5:10 37:7,10 39:25 40:9,20 200:2 beyond 22:24 bias 121:5,13 122:3 biased 106:6 121:22,24 136:15,18,18,23 big 58:10,11 75:24 145:5 156:14 bill 20:4 53:12 bind 128:8 bio-augmentation 23:23 bit 54:12,19 55:25 58:12 60:11,24 141:15 144:22 146:19 150:1 Blackland 170:24 blessed 126:23 blew 170:10 Blob 100:24 blocking 45:6 blue 57:1,10 62:13 69:20,21 72:8 board 1:10 17:11 33:21 35:1 37:22 38:21 39:3,5 40:1 44:16 50:19 52:12 72:12,20</p>	<p>77:21 109:19 112:25 113:11 123:18 126:5,19 127:2,16 128:5 131:13,15,23 137:12,18,20 141:24 164:22 170:12 183:2 Boards 175:10 Bob 4:20 Boeing 170:19 bogged 84:13 book 37:18 38:9 110:11 124:7,8,9,23 133:16 161:10,10,12 booklets 7:11 173:5 borderline 184:22 boss 54:11 77:13 both 5:9 20:12 108:20 137:24 bother 85:19 bottom 57:14 59:22 101:8 148:18 151:24 155:14,17,21 bought 37:3,4 bound 127:16 128:6,7 bounds 128:21 boy 172:16 BRAC 58:3,3,7,10 64:20 67:8 69:20 70:8 88:5 Brady 171:1 brain 183:15 break 35:9 94:7,9,20 breathe 38:3 breathing 183:13 bridge 115:4 briefed 185:12 187:18 briefing 7:5 9:14 10:6 54:1 188:2,12,13 189:6 briefly 6:17 133:22 190:15 BRIG 2:2 4:8 6:9,24 8:2,6,9 10:25 11:19 11:22 12:25 13:8,21 14:1,4,10,16,23 15:4,7,16,19,25 16:3 17:17 18:1,3,9 20:8 21:6,14 29:12 30:4 32:25 33:4 35:16,20,23 36:20 37:9 39:16 45:18,22 52:21 53:6,11,15 84:1 85:25 86:8,10,13 91:12 93:8 94:6,12 115:8,13 157:23 166:5 168:8,16 171:7 178:14,17,23 179:7,20 185:4,24 186:2,11 188:6,11 Brigadier 4:20 bring 13:11 83:18 84:3 105:4 128:20 167:22 190:3 195:3 bringing 119:5 broad 82:20 Broker/Appraiser 2:15 brought 36:5 121:7 124:16 133:16 179:3 191:1 bucks 120:24 budget 41:25 99:6 building 170:18 196:6 built 45:3 bullet 58:18 59:22 business 127:25 137:25 173:19 177:4 businesses 76:13 173:4</p>	<p>busy 84:15 butt 137:3 buy 37:4</p> <hr/> <p style="text-align: center;">C</p> <hr/> <p>C 2:23 103:8 calibration 96:9 California 107:12 118:6 175:19 call 19:8,8 65:19 69:21 158:1 186:17 called 20:16 37:19 41:24 57:1 155:11 calling 141:4,14 calls 128:19 came 4:5 42:1,7,14 43:4 46:22 57:18 88:1 116:9,18 118:3 191:17 Canada 43:5 Canadians 43:4 cancer 42:10,15,18,19 cancers 193:6,7 cancer-causing 81:19 capacity 62:6 capturing 22:5 care 23:6 34:8 39:2,5 49:4 137:24,25 172:6 174:17 181:4 182:19 185:16 career 170:21 careful 32:6 60:25 carefully 107:21 Carl 5:9 Carlton 170:22 Carol 174:14 case 29:11 59:12 129:5 132:3 147:5 148:17 197:12 cases 60:16 65:17 66:17,18 catering 167:17 caught 151:16 caused 19:25 56:6 59:25 92:2 116:15 causes 194:17,17 causing 38:12 184:21 CEJA 49:3 Center 4:21 64:4 142:3 cents 34:19 137:6 CERCLA 61:5 Cert 200:13 certain 146:20 152:11 certainly 9:12 14:13,24 15:17 31:10 111:11 157:25 185:14 193:11 certificates 76:12 Certified 3:8 200:3,14 certify 200:6 cetera 19:4 80:24 chain-link 184:23 chair 138:20 177:25 Chairman 5:9 39:24 chairs 138:14 chance 80:20 87:15 120:15 change 83:24 93:17,22 155:1 channelling 130:23 channels 70:22</p>
--	--	---

RESTORATION ADVISORY BOARD MEETING

OCTOBER 5, 1999

Page 7

<p> chapel 86:7 166:18 168:7,9 character 148:6 characteristics 144:10 154:22 characterize 143:20 148:23 charge 121:18 133:2 140:17 charged 134:15 141:12 Charlie 170:24 chart 19:15 57:14 61:4 92:24 charter 129:25 137:15 charts 19:1 182:4 189:12 cheaper 24:6,6 check 45:8 checked 107:21 chemical 82:11,19 chemicals 29:24,25 32:18 41:19,19 43:6 146:17 155:24 156:1 Chicago 179:13 Chief 54:13 170:23 child 182:7,8,10 childhood 181:20 children 33:24 34:12 37:23 38:2 73:8 85:2 181:25 183:10,18 184:7 children's 73:8 171:16 child's 104:23 chloride 13:5 31:12,13 81:8,18,22,25 82:8,8,9,14 191:1 choice 27:23 choose 21:24 27:12 65:25 125:10 134:20 chooses 113:14 choosing 134:16 158:25 chose 110:10 118:17 134:13 191:20 chosen 98:1 191:24 choske 117:12,13 118:15,22 119:1,9 Chris 142:1 chronology 9:8 CH2M 96:2 109:16,17 141:20 circumstances 93:19 citizen 41:15 174:14 citizens 33:13 35:9 197:8 city 41:21 42:3 43:17,19,20,25 57:7,22 60:16,20 62:22 76:7,16,18,20,21 79:16 194:14 civil 36:13 claim 44:23 claims 50:17 clarification 46:13 166:23 176:3 192:17 clarify 170:16 class 40:18 classical 154:19 clay 155:3 clean 5:11 20:6 26:3 28:2 50:9 58:11 59:24 60:6 81:20 89:11 104:6,9,147:1 180:8 181:23 184:4,5 cleaned 20:13 22:25 23:1 24:20 28:3 67:2 67:17 68:11,25 69:5 71:3 72:23 181:3,3 cleaning 15:13 19:24 26:4 33:8 56:10 57:9 59:1 67:19 69:6 71:1 72:4 89:14 </p>	<p> 91:1 181:9,13 cleanup 8:11,19 9:8 13:4 20:11,15,23 21:20,22 22:13 24:14 26:6,12 27:4,4,9 34:8 54:18 55:13 61:25 62:15,18,20 64:18 65:5 69:21 70:1 75:8,13,23 80:22 81:7 84:19 87:21 88:15 92:25 164:13 166:7 174:23 180:1,5 187:7,17 cleanups 58:5 clear 9:19 14:24 15:17 24:18 66:4 81:12 91:4 96:18,18 107:13 119:20 134:3 135:15 146:9 150:14 152:16 165:5 178:18 cleared 149:21 153:6 clearly 91:20 179:8 client 141:24 Clinic 49:11 close 79:24 80:1 185:2 199:5 closed 19:24 36:9 85:22 closely 23:7 117:2 closer 24:21 87:10 89:19 closes 56:10 64:3 171:10 closing 34:6,9 54:24 55:5,13,18 75:10 79:17 89:19 167:13 closure 36:2,2,4,17 49:4 52:22 55:2,6 57:12,19 70:13 171:6 clothing 32:4 Club 179:15 clue 98:23 CMI 47:25 98:10 CMIs 47:22 co 4:22,23 cocktail 30:1 code 60:16 codes 60:20 76:21 collect 65:11 133:1,19 145:4 146:1,16 collected 25:11 142:14 143:15,15 152:21 154:25 163:6 190:20 collecting 145:11 152:15 collection 152:17 column 155:18 combined 28:15 combining 28:11,17 30:2 come 7:19 13:18 15:9 18:15 19:10 21:8,8 27:6 30:19 34:3,13,17 37:17 42:5,9 44:25 54:10 59:8,23 60:3 66:2,13 69:5 73:5,6,12,25 80:12 83:24 85:4 87:9 94:9 108:14 114:3 118:6,17 132:24 134:10 137:3,3,6,8,23 146:12 152:12 167:22 168:1 173:15 180:11 184:12,24 188:3 189:9 194:8 comes 30:20 48:6 81:24 115:17 145:24 150:9 179:12 184:9 comfortable 81:3 coming 42:25,25 50:25 52:21 61:2 65:18 66:9 76:13 84:18 87:19 99:5 140:18 152:5 166:16 184:22,23 192:22 195:19 commander 4:21 170:23 </p>	<p> commend 159:12 comment 18:15,20 21:11,19 22:20 25:22 28:7 33:15,19 41:5 50:22 51:11,22,23 52:4,11 78:3 80:14 83:17 85:8 89:22 90:20 96:17 99:11 105:3,6 116:5,7 125:13 134:25 140:9 158:19 161:25 175:8 181:22 184:8 185:2 189:19 198:9 commented 9:21 117:6 commenting 117:13 comments 11:20 13:2,9 21:22 22:17 35:6 41:4,11 46:6 51:19 52:7,8,22 53:1,17 80:15 84:6 85:12,13 130:10,15 142:18 164:24 165:8,21 166:6 168:5,17,19,21 168:22 169:23 171:3 175:7 181:18 185:1 Commission 186:19 commit 23:16 commitment 66:16 commitments 23:15 62:2 committee 2:18 52:14 88:5 109:20 126:25 166:9,13 186:14 192:21 197:7 communicate 32:1 communities 34:8,10 company 81:12 107:13 109:17 140:17 160:8 170:13,19,23 171:2 comparative 160:21 161:2 compare 117:24 161:3 compared 140:14 comparing 113:22 114:4 161:4 comparison 193:7 competing 69:23 complete 130:19 132:13 148:20 completed 9:3 97:7 132:9,19 180:9 completely 31:8 128:22 144:8 completion 97:12 180:5 compliance 2:11 47:4 76:16 96:20 97:8 comply 60:14,15 68:15 90:22 components 28:16,16 compressor 150:9 computer 160:21 computers 194:24 computer-type 92:22 conceivably 169:13 conceived 164:1 concentration 74:22 concentrations 7:16 concern 33:22 34:11 44:21 49:10 51:4 82:12 100:25 118:15 146:17 155:10 174:24 concerned 33:21 66:8 70:23 73:6 125:19 174:2,14 178:25 concerning 7:14 8:18 9:24 10:15 14:19 14:20 42:10 181:22 concerns 10:2,10 14:25 15:10,12 28:8,25 40:16 53:1,16 66:21 73:24 84:23 115:18 193:25 concise 165:6 </p>
--	---	---

RESTORATION ADVISORY BOARD MEETING

OCTOBER 5, 1999

Page 205

concluded 31:19 199:13
 conclusion 62:1 156:5
 concrete 45:4
 concur 113:14
 concurred 61:14
 concurrence 10:5
 condemn 49:21
 condemned 182:12
 condemning 49:16
 condition 161:19
 conditions 58:16 157:10
 conduct 62:15 65:19 127:25 128:1 191:5
 conducted 59:2 128:1 166:19
 conductivity 143:23 144:11 147:10
 cone 144:5,18 145:1,10 146:5 154:24
 confined 102:23
 conflict 183:3
 confusing 104:22 149:24 150:2,23
 151:23 156:17 158:22
 confusion 126:3 153:17
 Congress 20:3 23:16 174:23 175:3
 congressman 42:2,11 53:2
 congressmen 179:14
 connection 12:1
 conscience 49:20 50:8
 consensus 84:4
 consider 24:9 28:14 43:2 51:9 162:24
 167:21 185:20
 considerable 117:21,23
 consideration 31:3 138:16,17
 considered 65:12 190:6,22
 consistency 128:10
 consistent 67:5 91:4 152:24
 consolidated 186:10
 constituency 167:5
 Constitution 49:19
 Constitutional 49:12
 construct 180:4
 constructed 63:13
 construction 26:23 74:9 76:18 78:5
 consult 77:6
 consultant 107:14 108:1,13 114:3 115:19
 117:22 127:12 129:2,3,6
 consultants 63:17 65:21
 consummated 74:24
 Cont 3:1
 contact 34:3 40:20 79:19
 contain 200:6
 contaminant 26:10
 contaminants 7:16 22:3 31:6 40:3 101:21
 103:3 155:9
 contaminate 174:19 181:1 183:20
 contaminated 5:19,20 13:6 32:5 43:9,12
 71:1 81:9 100:17 104:5,6 170:4 182:1
 182:14,24 189:21,22
 contamination 19:4,16,21 20:11,24
 22:24 23:9 30:8 34:4,9 35:13,18,21

38:18 39:6 43:8 56:6 58:23 59:5,9,19
 59:24 60:5,9 66:11 68:16,17,19,21
 72:24,24 78:5 82:5,6 84:19 91:16,18
 102:20 116:11,12 126:11 135:13
 143:21,25 144:4,7 166:11,24 184:21,23
 189:24
 contemplated 159:17
 content 146:22
 contest 49:4
 continually 115:17
 continue 19:24 20:6,10 21:1 23:21 49:7
 49:10 56:23 70:17 114:25
 continuing 53:16 65:5 138:5
 continuously 155:6
 contract 64:3 114:10 130:1 131:12,19
 contracting 131:11
 contractor 98:1 106:1,16 112:2 113:4
 114:10 121:10,18 125:8,18 126:16
 131:12,20 132:9 134:16,18,21 136:16
 137:5 140:17
 contractors 63:17 125:11 134:6,10
 158:25 173:7
 contracts 97:22 170:19 171:13
 contradicts 152:13
 contribute 59:4,8
 contributed 60:5
 control 70:15,17 87:20 130:19 143:13
 160:1
 controlling 171:23
 controls 70:13
 controversy 116:21
 convenient 8:3
 Conversion 2:5 5:5 9:5 20:16 54:2,11,15
 62:4
 convince 74:14
 coordinate 76:20
 copied 156:10
 copies 7:10
 copy 7:4 14:14 53:24 112:10,13 119:20
 120:8 156:14 188:23,23
 Corporation 57:4 77:17
 corporations 76:12
 correct 22:16 27:9 40:8 53:22 63:6 86:8
 112:7 113:20,24 114:15 115:5 119:16
 127:18 129:13 133:4,5 134:19 135:1,5
 162:5 163:13 175:11,12 200:7
 corrective 46:22 47:19 96:3,7 98:9
 correlation 70:18
 cost 23:24 50:11 109:16 139:4,22 140:1
 cost-effectiveness 24:10
 council 41:21 42:3 43:17,19,20 53:7
 194:18
 count 109:23
 country 29:5,20 44:3 55:2 88:2
 county 4:3 5:10 37:10 53:12 200:2
 couple 18:25 141:16 153:7,20 167:14
 course 15:13 26:25 32:23 40:14 42:4,4

42:19 43:25 66:7 67:17 68:11,16,20,24
 69:13 71:2,11 76:5 82:5 97:9 128:22
 182:6
 covered 46:4
 covers 9:15 82:21
 co-chair 2:2,4 5:3 20:20 129:22 185:15
 198:13
 co-chairs 4:23 50:19,22 51:9 178:6
 co-sign 92:13
 crack 31:5
 cream 145:24
 create 140:10 160:22
 created 56:15 71:24
 creating 67:12 140:12
 creation 55:11
 credentials 107:21 111:12 130:5
 credibility 113:25 114:16,18 115:25
 credible 132:4 133:8,9
 Creek 76:1,2
 crew 181:7,8
 criteria 129:25
 cross 90:24
 current 169:13 186:7
 currently 48:2 62:15 63:23 64:11 127:13
 customer 131:14
 cut 51:13 59:3 83:19,25 85:10 141:15
 174:21
 cuttings 145:8,8 146:4
 Cyndi 53:12

D

dam 19:8
 Dan 98:22,25 131:3 139:6
 danger 32:12 33:3,5
 data 65:12,23 66:14 105:21 115:24
 118:18,19 119:11,14,17 133:1,20
 140:12 142:12 143:12,15 148:5 161:9
 161:11 163:12 190:20,23,24 194:4
 195:12
 date 7:18,23 21:23 180:5,6 196:11
 dated 141:20
 dates 61:10 180:15,19
 day 4:1 37:19 173:11 182:5 200:9
 days 43:17
 DCE 155:10
 deadlines 47:8
 deal 41:19 74:11 85:11 134:5,7 149:9
 156:6 157:8 160:2
 dealing 55:20 130:17
 deals 151:23
 death 194:17
 debugging 63:14
 Dec 200:14
 December 62:13 195:21
 decide 27:24
 decided 16:9
 decides 89:11

<p>decision 33:18 78:3 88:4 126:1 157:9,23 178:5 decisions 74:3,7 78:6 138:2 decision-makers 29:16 decision-making 137:18,20 decompse 81:22 deed 55:24 56:14 57:3 74:24 78:4,13,22 79:1,6,15 89:17 deeded 60:2,8 61:19 deeding 57:16 deeds 61:6 74:24 77:2,10 78:23 deep 45:5 defend 49:19 90:23 defense 46:4 89:14 179:17 defensive 116:4 defer 37:9 77:13 86:5 deficiencies 164:15 define 146:8 definite 73:11 definition 7:15 15:8 degrade 81:22 degree 93:24 139:17 144:13 delegated 62:4 delete 141:15 157:7 Delgado 53:8 delineate 144:6 delineated 144:8 demands 176:19 demonstration 197:5 denote 114:1 departed 55:8 departing 73:16 department 2:10 5:7 41:23 89:13 90:4 117:25 129:20 192:1,3,6,8,13,14,20 197:22 depending 75:19 157:9 deposited 32:24 depreciated 37:6,12 depreciation 36:12,24 DERA 69:21 DERP 46:5 DERTF 179:16 describe 90:9 describes 7:2 86:18 143:7,10,13,17 description 11:4 design 26:22 180:4 designated 178:18 designing 140:13 desired 9:15 detail 7:19 22:20 90:9 determination 37:11 72:2 86:16,21,25 87:3 115:11 determine 7:22 29:15 45:25 87:22,25 88:14,21 147:10 148:14 determined 35:21 91:16 determines 27:11 determining 88:23 91:15 147:13</p>	<p>devalued 40:7 develop 34:17 67:23 121:16 126:17 developed 80:19 123:21 127:12 developing 9:8 183:14 development 55:10 57:4 77:17 182:9 183:15 develops 129:25 182:10 devices 145:14 diagnosis 110:1 dialogue 93:11 dials 33:5 Dick 159:9 192:12 die 38:14 43:9,10 136:13 dies 138:8,15,21 difference 117:21 different 12:16 30:22 47:1 55:6 69:19 75:15 97:23 108:2,15 113:5 115:20 122:4 124:5,10,13 135:16 136:4 144:19 148:4 150:14 152:6,7,23 153:13,13 156:18,21 163:16,22 difficult 91:3 difficulty 115:7 dig 45:3 145:9 digging 31:23,25 146:3 diligence 65:19 diminishing 23:10 dinner 167:21 direct 30:7 51:3 directed 191:15 direction 8:17 147:14 148:15 155:19 directly 131:24 143:4 director 40:9 77:19 142:2 dirt 145:8 182:17,24 189:21 disadvantages 145:7 disagree 24:11 82:17 disagrees 116:4 disbursed 130:25 disclosure 50:6 discount 115:21 discounts 160:6 discovered 116:12 discretionary 130:18,23 144:21 discuss 8:24 86:3 98:13 127:22 150:1 166:9,10 193:1 199:1 discussed 10:10,12 32:9 44:15,18 84:21 177:10 190:9 194:1 discusses 13:10 discussion 4:5,11 9:1 16:4 17:10,22 18:4 83:6,6 84:18 86:3,5 102:2 117:14 128:16,17,23 135:7,15 141:16 149:16 150:8 158:8,11 169:10 177:18,25 187:10,13 193:8 discussions 142:7 disease 44:24 45:12 disliked 123:17 disperse 31:15 disposal 152:22</p>	<p>disposed 145:9 disposition 56:19 disruptive 145:11 disseminate 112:3 dissolved 156:3 169:16,17 distinct 70:20 distributed 12:1 distribution 70:7 143:22 district 2:14 5:25 37:7 39:25 40:9,12,14 40:20 53:8 194:18 disturb 78:18 diverting 22:6 divided 142:22 divulge 65:14 110:20 divulged 110:18 DNAPLs 155:12 doctor 41:24 108:22,25 109:6,7,24 110:1 110:2 139:18 doctorate 139:17 doctors 108:21 doctor's 108:18,18 109:2 document 25:16 48:15,16 78:9 79:15,17 79:20,22 105:13 106:2,3,4 112:5 113:8 113:8 117:23 141:12 162:11 164:5 165:1 documentation 66:6 93:9 documents 9:19,20 47:5,8 48:8 66:17 80:2 113:2,12 142:9 DoD 70:7 doing 26:19 31:3,7 39:14 41:18 49:14 56:11 59:13 67:16 74:15 75:13 79:24 80:1 90:11,23 119:4 123:24 124:3,5 137:5 144:16 146:6 147:3,9,19 151:14 171:17 194:6 dole 131:17 dollars 39:4,10 104:8,19 DOMINGA 2:20 done 19:17 23:23 25:5 26:18 27:17,23,25 30:2 42:7 72:21 73:19 74:2,11,25 76:6 84:14 93:2,4 130:12 131:23 142:10,11 143:8 155:6 160:2 163:15 173:19,20 180:21 181:9 183:4,6,22 dot 90:24 doubt 84:16 doubts 116:17 down 34:16 36:5,6,10 37:17 38:15 54:25 84:13 97:18 100:22 105:20 137:4 140:5 145:6,13,23 148:4 153:24 155:14,21 172:15 173:10,16 181:8 downgradient 25:11,13 Downtown 170:14 doyle 49:1,1 50:15 draft 12:10 96:12 98:10 drawdown 148:3 drawing 16:11 draws 54:25 drilled 150:12</p>
--	--	---

drilling 145:5 150:7 151:17 152:8
 drink 167:23
 drinking 183:11,12
 Drive 39:23
 driven 61:12
 driveway 45:2,3
 drums 146:3
 due 36:12 65:19
 dumped 32:19
 duration 22:13
 during 13:12 17:4,22 44:13 49:3 59:2,25
 60:1 167:14
 duty 20:20
 Dwight 4:2
 dying 42:12

E

each 43:15 47:9,9,11,12 48:19,20 113:15
 126:7,9,13 143:2 189:13
 eagle 43:9
 earlier 32:10 54:12 61:13 67:9 197:13
 early 26:11 56:16 62:13 137:12 181:20
 194:8
 earth 31:5
 easier 184:1
 East 49:9
 easy 145:18
 eat 43:8,10 167:22
 eating 43:11
 ecological 143:24 148:22 149:1
 economic 54:22 55:10 56:8,12 67:13
 economical 34:6
 economically 55:3
 Ed 5:22
 educate 43:22
 educated 43:23 106:19
 education 37:15 110:8 111:25
 educator 181:20 183:8
 EDWARD 3:3
 Edwards 30:20
 effect 22:5,12 29:23 30:1 59:18
 effective 50:9 147:24
 effects 115:1 148:24 181:24 191:2
 efficiently 91:2
 effort 24:23 99:13 111:15 129:24,24
 168:1
 efforts 65:5 167:7 168:4
 egos 120:19,22
 EG&G 170:19 171:19,19,22 172:5
 eight 182:3,5,5
 either 9:13 21:23 23:10 35:11 52:2 75:10
 75:16 77:16 104:8 113:25 137:23 157:6
 157:11 162:18
 elderly 33:24
 elected 53:18 167:17
 elimination 75:1,16 76:11
 else's 106:22

employed 127:13
 employees 36:14 89:23 90:1,5
 EMR 6:20
 enclosed 7:7
 encompasses 57:13
 encourage 52:15 66:2 167:23,24
 encouraged 134:10
 encouraging 21:21
 end 16:14 18:22 62:2 73:10,10 94:3
 104:10 145:13,14,22 151:9 165:8
 192:11
 ended 198:11
 ending 16:13
 engage 7:19 53:1 168:4
 engaged 7:18 90:2
 engaging 49:13
 engineer 41:18 154:17,19,19
 engineering 142:3 161:17
 engineers 161:23
 enhance 56:12 58:4,5 128:15 146:25
 147:2
 enough 13:11 39:19 89:11 138:4 154:4
 175:2 178:4 196:23
 ensure 50:12 60:25 62:6 63:10 66:21
 74:13 76:20 143:18
 ensuring 57:24 61:23 63:2
 entail 194:3
 enter 76:24
 entertain 17:20
 entire 62:18 143:5 148:6
 entirely 136:4
 entities 60:18 66:12 75:11 134:18
 entitled 34:1 112:10,13
 environment 19:25 35:3 61:9 91:1 149:3
 182:13 184:4,5
 environmental 2:18 5:17 7:22 9:9 12:2,5
 21:7,18 50:7 54:13 55:13 57:20 58:16
 58:21 59:19 63:2,25 64:4,10 65:8,12
 70:24 75:1 76:11 77:5 79:23,25 80:4,9
 80:11 89:16 107:11 141:2 179:17
 190:20
 EPA 2:17 9:18 29:18 47:6 60:16 61:14
 61:19 75:5 88:13 96:16 129:17 130:8
 158:3 173:3
 equals 103:8
 equipment 145:5
 equity 49:25
 error 169:7,15
 errors 156:25
 especially 146:2 154:21 156:2
 essentially 49:13 54:25 56:5 57:5 58:2,4
 59:3 61:6,22 64:19,24 65:3 67:4 69:23
 133:17
 establish 166:14
 established 129:7
 estate 77:6
 estimate 79:9

estimated 24:19
 estimates 24:18,19
 et 19:4 80:24
 evaluate 22:18 24:14 25:17,20 26:6
 28:10,23 29:2 135:21 143:22,23 144:9
 144:10,11,12 191:11
 evaluated 24:2,22
 evaluating 191:9
 evaluation 63:14 161:14
 even 31:16 32:15 41:24 43:10 44:17,20
 55:8 56:10 72:13 101:5 102:8 116:23
 117:24 120:24 126:18 127:10 131:22
 140:14 147:7 173:6,17 197:13
 evening 4:13 18:23 33:12 46:8,9 53:19
 54:7 84:18 86:4 166:17,19
 evening's 4:14 7:13
 eventually 29:15
 ever 79:18 89:4 100:24 120:16 171:25
 187:18
 every 23:18,20 37:19 82:11,14 90:24,24
 154:25 177:12 186:9 194:16,19,21
 198:14,14
 everybody 11:2 54:8 112:4 120:1 126:24
 128:18 135:17 173:10 187:11 194:24
 everybody's 16:10 37:24 39:9 141:4
 172:21 183:17
 everyone 4:25 134:14 141:14
 everything 23:17 38:11 90:23 116:21,21
 120:19 127:5,23 132:11 171:25 172:2
 182:22 184:18
 everything's 103:8
 exact 98:21 122:12
 exactly 102:11 108:3 122:21 133:12
 example 29:6 37:3 66:1 75:21 82:9
 149:13
 Excellence 64:4
 excellent 84:8
 except 32:3 44:5 164:19
 excerpt 112:17
 Excuse 47:14 115:14 117:9 119:3
 executing 62:20
 executive 77:19
 exempted 60:21
 exhaust 197:19
 existed 58:23 66:6
 existing 59:9
 exists 59:5 63:23
 expanding 23:9
 expect 33:16 47:23 97:20
 expended 125:14
 expensive 24:7 27:16
 experience 161:19 163:10,10,20
 experienced 106:18
 experiments 123:24
 expert 77:16 100:21 101:5,6,14 107:12
 136:21 137:2
 expertise 63:22 118:13,16 129:13

<p>experts 77:7 128:19 expirations 16:6 Expires 200:14 expiring 16:10 explain 97:20 119:12 139:2 144:25 147:16 explained 22:10 43:5,18 182:4 explaining 182:4 explanation 11:5 141:21 191:23 expressed 28:8 111:13 extend 16:20 extended 17:3 134:17 extensively 37:6 extent 65:23 144:6,8 146:8 162:17 163:23 extenuated 61:2 extract 19:3 22:7 extracted 19:12 extracting 27:16 extraction 14:6 19:2 22:1 25:12 61:16 187:20 extraordinary 50:24 51:6 extremely 91:3 eyes 171:16</p>	<p>federal 90:21 129:7 174:16 feedback 132:8 feel 37:23,24 56:19 58:15 59:17 64:5 72:9 153:4 feeling 38:13 feet 31:25 147:25,25 154:25 felt 132:13 fence 72:25 184:22,23 Fenfield 44:12 fertilizers 146:23 few 20:19 24:16 40:24 42:23 65:2,2 160:12 field 123:24 124:1,4 142:23 143:9,11,15 144:1,16 149:21 150:2 153:3 154:8,23 157:9,10 fieldwork 148:20 fifth 99:9 fight 172:21 figure 39:6 98:22 122:13 154:9 183:24 figures 139:6 filed 50:17 fill 17:9 final 29:16 61:14 96:14 98:10 132:17 141:9 144:20 165:10 167:1 finality 164:18 165:20 finally 9:7 31:18 144:12 191:14 find 20:2 45:15 62:10 80:17 89:4 93:10 93:12 97:3 103:11 111:12 130:7 144:22 145:16 157:10 160:24 162:16 175:4 finding 60:17 100:17 findings 109:19 127:10 161:6,7 164:17 fine 140:19 154:5 fire 5:10 76:19 first 6:11,19 12:22 13:2 20:9 46:13 58:18 66:25 67:2 70:3 71:3 80:23 93:3 99:13 100:6 107:6 116:10 118:3 138:13,20,20 160:1 173:11 174:21 190:8 first-time 138:13 fiscal 97:6 99:12 fissure 31:4 five 24:21 43:21 72:12,21 80:18 146:13 154:25 171:20 181:7 189:7 float 155:13 floating 131:16 floor 74:18 133:24 136:8 159:21 flow 148:14,15,19 155:5 flowchart 92:18,20,22 93:7,23 flowcharts 93:16 flowing 19:9 155:19 182:23 flows 147:11 fluids 150:7 151:17 flushed 38:15 flying 124:4 focus 27:4,8 57:11 166:15 FOIA 12:6,8,11 folks 7:22 29:17,21 37:10 49:8 52:23 54:17 73:19 74:14 94:6 167:11</p>	<p>follow 32:11,13 93:23 102:8 155:21 followed 12:4 96:8 following 4:6 16:13 195:14 follow-on 8:23,24 64:1 Force's 59:9 forcing 59:10 forecast 169:7 foregoing 200:6 forgot 51:16 form 9:13,14 156:3 157:22 189:2,15,16 formal 14:12 formation 152:5 formerly 46:4 forming 25:10 forth 41:18 61:24 63:14 125:18 130:1,11 fortunate 23:18 forum 177:18 178:20 179:3 forward 21:8,8 44:6 143:3 184:9 fostering 54:22 55:10 found 42:10,15 60:4 66:20 99:8 foundation 166:14 four 18:17 68:25 69:15 83:22 121:17 125:7,20 142:22 171:20 fourth 44:11 four-star 170:25 frame 9:11 10:6 22:13 185:13,16,21 Francisco 179:13 Frank 135:9,9,10,11 170:11,17 frankly 167:9 Frank's 135:12 free 34:1 126:19 freely 43:16 free-phase 156:3 169:15,19 frequently 85:24 freshwater 38:13 Friday 194:13,22 friends 50:5 from 5:20 7:17 9:24 11:3,12,13,19,20 18:20 19:9 20:21 21:7 22:3 26:10 29:4 29:18 30:19,20 31:25 33:5 38:25 39:25 41:11 42:14,24,25 43:5 46:19 48:19 53:2,7 54:2 55:9,10 56:6 57:11 60:4,21 74:18 77:20 80:24 86:24 88:8,19 91:4 91:20 93:9 96:2,23 97:21 100:18 101:8 105:9 112:17 113:1 117:25 118:5,18,19 119:5 122:10 125:20 130:8 132:12 141:16 143:4 147:25 148:24 149:5 150:9 152:5 153:3 159:14,21 163:20 166:19 168:21 169:8,25 175:19,24 179:1 182:10,18 183:14 184:11,23 186:6 187:8 189:20,21 191:25 192:2,9 192:19 193:13,13 197:22 front 42:2 43:20 178:4 fuel 58:25 184:16 fulfilled 113:5 full 50:6 51:8 186:13,15,25 187:2 fully 23:19</p>
F		
<p>face 163:5 175:5 faces 65:2,3 facets 57:13 facilitate 171:23 facilitated 168:2 facilities 60:19 facility 59:13 fact 7:1,7 8:14 20:19 37:11 41:23 45:25 60:7,24 61:2 66:12 74:25 77:1,9 84:4 93:21 101:6,7 102:19 106:12,12 128:13 133:15 138:14 152:20 162:19 164:20 165:13 185:18 194:12 factor 121:8 factors 24:8 29:1 162:23 facts 105:14 163:3 178:4 factual 37:13 105:21 113:20 135:6 162:25 163:24 fading 42:12 fair 134:11 138:4 159:15 faithful 174:1 familiar 41:19 69:8 175:20 familiarize 197:15 family 33:23 far 26:2 34:3,13,15,16 56:15 72:4 75:1 76:12,15 97:1 105:21 125:19 131:15 161:22 174:20 fast 147:13,13 181:3 184:5 190:24 faster 100:18 102:21,25 135:14 fault 36:17,18 favor 17:13 18:7 83:8 199:9 feasible 28:13</p>		

functioning 61:15
 fund 23:17
 funded 20:6 23:19 68:13,14
 funding 23:14 26:8 40:13,15 58:4,6
 62:20 69:18,20,22,23,25 70:10,15
 70:17,21 95:12 130:19,22 175:2,4
 funds 20:5 23:11 70:1,3,7 125:13 129:9
 129:15 130:18,18 131:7,25 174:23
 further 16:3 19:9 35:5 41:3 46:6 50:21
 51:10 52:7 56:1 76:10 78:5 83:6 86:2,5
 95:11 142:11 144:6 146:8 152:19 154:8
 156:24 168:19
 future 23:21 34:11,19 58:15 59:7,18,24
 66:5,9 84:22 85:6 121:10,19 125:10
 149:1 169:5,13 175:5
 FY 98:5 99:14,15

G

Gaines 40:8,21
 gallons 182:5
 Gardens 49:9
 Garner 196:9
 Garni 196:7
 Gary 96:6
 gas 191:2
 gaseous 30:14 31:2
 gasoline 155:13,15
 gate 168:11
 gather 164:4 167:2,3 168:2
 gave 95:9,10 96:3,6,8,11 103:15 110:19
 110:21,21 114:16,18 117:18 135:21
 164:7
 GEN 2:2 4:6,8 6:9,24 8:2,6,9 10:25 11:19
 11:22 12:25 13:8,21 14:1,4,10,16,23
 15:4,7,16,19,25 16:3 17:17 18:1,3,9
 20:8 21:6,14 29:12 30:4 32:25 33:4
 35:16,20,23 36:20 37:9 39:16 45:18,22
 52:21 53:6,11,15 84:1 85:25 86:8,10,13
 91:12 93:8 94:6,12 115:8,13 157:23
 166:5 168:8,16 171:7 178:14,17,23
 179:7,20 185:4,24 186:2,11 188:6,11
 gene 2:3 4:23,24 5:2 105:5
 general 4:20 9:14 13:1 22:22 33:13,21
 34:25 35:14 40:6 52:20 54:7 81:15
 83:14 86:23 93:22 143:7 149:3,8
 158:19,23 166:4 170:22 171:1,4 179:10
 186:4,20
 generate 159:25
 generated 77:2 149:5
 generates 145:7
 generation 34:13,15
 gentleman 36:3,25 111:14 124:17 127:2
 174:12
 gentlemen 46:9
 geologists 184:3
 george 2:21 6:1 10:16 11:23 12:17 15:19
 16:15 51:18 91:12 92:14 111:8 116:6

117:4 133:22,22 134:23 136:11 190:4
 Geosciences 142:3
 geotechnical 154:17,18,19
 gets 91:2 154:1 181:11 186:8,9 189:6
 getting 23:10 43:12 47:8 95:14 103:22
 116:16 135:25 139:9 181:10 183:15,15
 198:9
 ghost 34:22 55:1
 giant 150:20
 girl 184:24
 give 29:6 43:21 45:19 50:6 52:9 56:19
 58:14 67:11 91:5 96:14 98:22 101:7,12
 107:15 112:25 113:5 114:3 118:6
 126:17 127:3 137:7,9 139:13 144:22
 174:23 175:3,3 176:20 188:22,23
 given 11:24 24:22 31:14 65:18 77:1
 118:19 157:18 164:14 186:12,14
 gives 110:1 113:10 127:6 145:18
 giving 130:19
 GKDC 9:4 53:24 57:7 60:13 62:22
 185:18
 glad 157:25
 go 6:15 16:9 24:6 32:18 36:23 39:3 45:5
 66:2 76:2 78:2,18 79:21 82:10,22 85:2
 89:13 94:20 97:4 101:25 102:13,15
 108:13 109:6 110:1 116:8 120:9 121:2
 124:23 133:1,19 137:10,24 140:20,24
 141:6 143:1 144:23 146:7,9 152:11
 153:9 155:16 157:4 163:19 164:4,24
 168:10 169:17,20 171:20 172:3 177:11
 183:19,20 184:19 186:22 189:18 190:7
 198:6 199:6
 goal 137:15
 God 38:11 45:10 103:15
 God's 172:16
 goes 71:16 92:19,21 145:6 150:20 155:16
 169:18 181:21
 golf 15:13 32:22 67:17 68:10,16,20,24
 69:13 71:2,11
 gomez 44:10,10 46:2 190:12,14,16
 gone 20:1 34:16 37:1 38:10 114:13
 gonzales 169:1,2,14,21
 good 4:13 18:23 33:12 46:8,8 49:20 50:8
 54:7 84:2 97:2 112:19 124:13 133:16
 138:17,22 164:14,14 165:19 189:4,8,14
 189:14 197:14 198:15,16,16 199:3
 Goodman's 179:17
 gordon 2:8 5:15 46:19 86:19 87:9 90:9
 91:5,14,16
 gotten 104:25
 government 89:12 129:7 174:16 181:15
 graduated 49:7
 granted 131:22
 grassy 189:24
 gravel 155:3
 gray 56:20 69:19
 great 55:3 85:11 90:9 134:5,7 149:9

156:6 183:23,24
 Greater 57:4 77:17
 greens 43:11
 grid 144:20
 ground 32:1 145:9,13 150:20
 groundwater 2:22 7:1,15 13:16 22:5,7
 59:5 61:25 68:21-72:5 86:25 88:24
 91:15,17 95:10 96:10 100:17 102:20
 143:21,24 147:23,25 148:10 152:16
 155:4,16 169:17 182:23 187:16
 group 98:8 120:17 134:20 136:15,18,19
 170:7
 grow 173:11
 growing 103:12 181:25 182:7,8
 grows 147:14,14
 growth 34:21
 grybos 29:3,3,22 30:10,21,24 31:20
 32:17 33:1,10 134:25 135:10,12
 guarantee 19:23 61:21 160:10 173:12
 guarantees 61:6
 Guard 56:24
 Guerra 193:1
 guess 19:7 72:2 79:10,16 180:3,13
 181:21 185:2,5
 guidance 46:5
 guideline 93:23
 guinea 38:13
 guy 77:5 105:19,20 121:4 122:25 123:11
 123:23 130:1 175:19 180:22
 guys 122:5 171:24 172:24,24,24
 guy's 105:11

H

half 50:25 83:21,23 85:15 94:14
 Hall 196:7,9
 Hampton 171:19
 hand 12:9 18:7,7 32:3 51:7 83:8 97:17
 200:9
 handed 11:9
 hands 62:3 158:12
 happen 23:21 36:18 38:7,12 42:24 43:6
 64:10 84:7 137:22 172:2,20 173:24
 183:10 187:23
 happened 42:22 43:18 114:11 123:21
 151:10 188:1
 happening 32:10 70:25 147:21 177:16
 189:10
 happens 38:15,16
 happy 13:13 43:13 67:15 68:8 74:13
 176:23
 hard 31:9 87:11 102:9 145:17 173:21
 harm 39:14
 Harris 171:24
 has-been 34:23
 hate 79:10
 having 4:14 42:20 59:17 60:18 83:17
 87:11 115:6 146:3

hazard 50:8 79:10
hazardous 32:15 59:16 60:23
head 25:10 103:12
health 2:10,13 5:7,25 8:10 30:8 34:13
 36:12 38:16 41:23 45:12 61:8 90:4
 115:1 117:25 118:17 120:19 129:20
 142:25 143:16 148:24 191:2,17,21
 192:1,3,6,8,13,14,20,23 194:14 195:12
 197:22
healthy 35:2
hear 16:22 18:16 22:17 27:7 48:4 54:8
 61:10 82:15 83:3 84:23 85:5 102:7
 107:8 112:24 114:22 117:10 133:7
 160:19 167:9 169:25 174:2 185:18
 187:9 190:17 195:12
heard 89:10 190:17
hearing 87:11 115:7 174:21 193:22
Hearne 41:14
heart 50:16
heavier 155:24
held 35:10,13
hell 121:21
Hello 181:19
help 43:24 52:14,14 89:20 137:4 138:2
 139:4 165:8 173:4
helped 23:22 44:1
helpful 33:11
helping 44:2 131:3 173:3
helps 87:22
her 8:14 79:5 97:20,20,21 171:4 181:22
 184:9 190:13
Hermina 44:10
herndon 3:5 6:7,8
Hey 144:23 157:9
he'll 45:23 77:20
Hi 21:17 29:3 174:13
hidden 121:14 136:21
hides 192:9
high 40:19 44:17 69:4 186:3
higher 68:18
highest 42:17 171:21
Hill 96:2 109:16,17 141:20
him 10:12 40:21 42:3 102:6 107:15
 109:14,20,21 110:24 114:16,18 120:13
 120:25 122:19 139:15 141:6 164:3,4,12
 175:20,21 188:23,23
himself 4:25
hire 107:25 108:13 112:2 123:10
hired 106:1 107:14 109:20,21 111:14
 114:11 118:5 126:16 135:20,20,23
hiring 63:22,24 65:21 120:13
historically 55:19
history 114:13 137:12
hold 8:25 10:21 13:9 76:8,10 118:11
 188:19
holds 34:11,11 58:15 187:22
hole 31:25

holes 31:23
hollow-stem 150:13,18 151:19
home 36:24 85:3 190:13 199:6
homeowner 46:10
homes 36:6,12 49:17,21 50:2,13 104:11
honor 171:2
honorary 139:17
hook 60:9 61:22
hope 9:10 51:6 73:18 80:19 166:24 168:2
 184:15
hopefully 17:18 74:14 84:3 93:10 116:2
 128:3 164:21 167:6 184:14
hospital 44:14,18,22,23 45:1 190:13
hour 50:24 94:10 167:21
hours 4:3 154:3
house 36:25 37:2,3,4,5,17
housed 182:19
housing 37:11
How's 195:14
huerta 2:6 6:5,5,21,23 7:24 8:5,8 41:5,8
 52:11 78:1,10,14,20,25 79:3,13 80:4
 82:23 83:4 86:24 87:9,13,17 88:10,21
 89:1,3,6,9,24 90:13,17 91:7,10 92:23
 93:14 94:5,24 114:22 115:12,15 119:24
 127:14 132:22,24 133:6,13 137:11
 158:2 159:1,7,11 177:17,22 178:10,16
 178:21,25 179:9,22 186:12,17,22,23
 187:2 192:18 193:16 194:7 195:5 197:3
 197:21 199:7
huff 3:6 5:8,8 17:25 138:12
huge 127:7 140:13
human 61:8 79:19,20 143:24 148:21,22
humbled 172:16
hundreds 158:20
husband 45:11
hydraulic 143:22 144:10 147:10
hydrocarbons 30:14
hydrogeologic 154:21
hydrogeologist 154:16
Hydrologist 2:22

I

ice 145:24
idea 27:13 84:8 131:16 165:19 171:7
ideas 84:6 137:17
identified 144:1,20 162:6
identify 144:2 168:24 170:10
ignore 68:16
illustrative 164:3
imagine 100:24 101:5,20
impact 55:3,3 58:21 59:18 67:9 79:25
 80:4 148:14 155:4 169:12
impacted 40:12 87:1 88:24 101:22
impacting 192:23
impacts 67:13
implementing 49:14
implies 144:7 152:6

importance 155:9 157:1
important 52:24 81:18 107:24 113:12
 115:16 126:17 127:11 147:12 167:8
 182:11 193:23 197:9
imposed 29:16
impossible 113:7
improve 165:12
inaccuracies 123:15,17
inappropriate 51:23 130:14
inaudible 93:7 96:14 107:9 110:7 154:7
inches 155:2
incised 155:20
inclined 167:25
include 7:12 16:1 61:6 165:20
included 7:1 8:14 9:6 150:7
Including 15:2,5
inclusive 161:5
income 50:1
incomplete 153:7 154:6
inconvenience 85:3
incorporate 167:3 192:21
incorrect 131:18
increase 25:10
increased 70:9
independent 107:15,17 112:25 113:16
 122:20 126:18,24 127:3,4,8,12 129:9
 129:15 164:8
independently 119:6 178:7
indicated 8:25
indicates 100:17 101:9
indicating 18:6 118:4
individual 21:15 45:20 53:7 130:5 178:2
 188:8,10
individuals 4:14
individual's 20:25
industry 161:22
influenced 155:18
information 8:9,12,13 12:7,8,11 30:6
 37:13 42:2 62:9 65:13,14 66:18 86:20
 93:11 105:14 110:19,21 112:3,4,6
 113:12 115:5 126:10,15,17,20 127:7,11
 130:13 131:5 140:3 142:13 145:19
 149:10 156:6 157:18 159:17 162:5,25
 164:5,11,14 175:24 191:19,22 192:16
 193:3,6,10,13,22,23 194:5,9,12,20,21
 194:22,23 195:4,12 197:16
informative 136:2
infrastructure 14:7 59:4 187:20
inhaled 30:15
inherited 172:8
initiative 167:8
initiatives 167:10
injecting 25:6
injustice 39:5
input 28:7,18,24 48:19 163:20 167:2,3
 168:3 187:8
insinuation 179:2

<p>install 146:13 installation 2:2 55:8 56:10 62:12,17 72:6 installations 54:24 56:17 installed 62:7 154:10 installing 150:5 instance 63:16 67:16 102:24 109:6 instead 26:18 85:21 186:13,15,25 187:2 instrument 145:15,16 instruments 33:6 intelligent 178:5 intend 191:6,11 intends 191:5 intentionally 35:10 interaction 144:13 interconnectiveness 149:14 interest 28:12,25 111:13 interested 134:9 interesting 45:15 63:8 interim 26:8 166:25 interior 146:10 interject 93:15 internal 12:10 144:9 153:1 156:22 158:22 Internet 194:25 interpret 113:11 interpretation 114:4 interpreting 150:23 180:22 interrupt 27:3 Interruption 95:3,13 interviewed 111:9 introduce 4:15,24 5:1 54:14 141:1 introduced 54:12 invested 26:7,14 investigating 24:24,25 74:12 investigation 58:5,8 65:21 66:3,13 74:9 investigations 57:14 65:8 invited 86:12 134:14 involve 167:11 involved 49:5 57:23 75:4 92:24 involvement 33:22 131:10 167:8 ironed 137:16 irritation 38:4 103:4 issue 7:20 21:9 28:21 66:4 77:18 115:16 116:1 178:1 190:25 194:16 issued 194:13 issues 9:8,17 10:9,10 55:21 77:22 84:13 84:20 92:25 113:6 126:11 162:9 185:15 item 6:11,19 7:2,4,8 8:25 9:3 10:19,19 11:1,5 13:10,12,14,23 14:2,5,12,18 15:21 16:1 17:17 18:11 53:20 80:9 81:14 86:14,15,24 94:15,20 136:2 140:6 154:7 159:2,6 166:5 178:8,9,11 179:4 185:3,9,17 187:25 189:2,2,18 191:11 192:11,18 194:1 195:8 197:23 items 6:11,17 9:16 10:15 13:25 14:8 16:4 51:9 94:14 127:22 143:6 153:20 155:7 185:5 186:5,20 187:6,14 188:16,16,18</p>	<p>188:19 189:12 190:5,6</p> <hr/> <p style="text-align: center;">J</p> <hr/> <p>jacobi 2:9 5:6,6 18:2 85:8,17 89:21,25 90:15,18 91:9 93:15 99:11 110:25 111:5,21 125:12 128:12 129:5 136:9 138:8 140:8,19 144:25 147:16 148:8,13 158:6 159:12 161:25 177:24 jail 35:12 January 10:6 16:21 17:4 68:5 185:6,13 185:16,21,23,25 186:1,2 193:17 195:10 January's 9:12 Jeff 96:11 Jeffery 141:1 jeopardizing 170:21 171:12 Jesse 53:3 jet 184:16 Jim 175:19 job 55:4,10 91:1 106:24 107:4 130:12 137:24 138:22 158:24 165:9 jobs 56:15 67:12 john 2:9 3:5 5:6 6:7,8 40:8,20 53:8 johnson 2:18 8:12 16:14 72:11 73:18,22 74:7 join 134:11,13 137:3 Juan 16:16 Judge 53:12 JULIE 3:8 200:3,14 July 9:23 10:20,21 11:16,16 13:18 14:8 17:18 18:4 95:7,16 166:8 188:3 198:10 June 13:17 186:6 justice 2:18 49:11 70:24 justified 70:21 justify 179:21</p> <hr/> <p style="text-align: center;">K</p> <hr/> <p>Kathy 97:16 keep 2:23 41:7 51:18 84:25 128:16 160:18 184:25 keeps 61:22 87:19 184:23 kelly 4:22 5:21 7:17,22 9:10 10:4,8 11:10 11:21,23 12:21,23 15:22 20:21,23 21:7 21:18 23:19 25:4 27:4 32:21 33:14 34:6 35:24,24 36:2,4,4,9 42:16 49:8,9 50:15 51:14 52:3 54:18 55:5,9,17,24 56:13,19 57:1,4,18,25 58:8,16,20,23 59:6,12,19 60:5 61:1,18 63:23 64:11 66:2 70:16 71:25 77:17 79:7 86:7 89:14 96:17,19 97:8 100:10,18 105:9 113:9 116:16 119:15 130:8 166:17,25 170:1,20 171:11 175:24 176:6,7 177:4,8,16 179:11 181:1 182:16 183:14 185:7 189:22 190:9 Kelly's 47:3 key 121:7 kidney 42:18 kids 37:20 101:25</p>	<p>kind 13:11 19:6 22:10 31:6 32:4,5,14 44:24 51:2 63:8,19 72:7 78:21,22 101:19 102:22 103:1,9 104:1,3,24 118:23 131:21 136:17 138:15 149:9,11 151:21 152:13 180:3,4 182:25 187:11 193:18 197:15 kinds 91:6 kitty 131:17 knowledge 163:2 164:7 166:23 known 50:7 knows 41:23 45:10 191:3 Krier 53:12 Kuwait 38:25 39:11</p> <hr/> <p style="text-align: center;">L</p> <hr/> <p>lack 36:8 136:13 138:8,15,22 Lackland 42:17 56:21,22,25 57:6 62:18 64:17 75:25 Lackland's 64:18 ladies 46:9 182:3 lady 39:7 171:3 laid 88:9 land 43:7,7 78:17 language 60:13 61:5 135:4 large 149:25 larger 120:16 largest 64:20 last 9:6 20:5,18 31:20 40:2 41:25 50:24 72:19 88:19 95:6,8,17,19 98:14 114:14 166:9 185:17 194:13,22 195:8 late 135:25 later 15:23 21:23 41:10 51:11 84:18 116:11 150:1 lateral 143:22 latitude 164:10 laura 2:16 5:16 86:22 89:15 95:9,19,21 129:14 law 20:9,10,13 35:9 41:17 60:2 90:2 laws 50:4 lawsuits 40:18 136:22 lawyers 90:10 lay 47:4 143:8 layman's 133:3 135:4 leading 194:17 leads 153:16 learn 167:5 lease 58:20 leased 57:21 leases 60:12,12 leasing 56:12,16 57:15 59:2,17 60:1 65:9 least 19:14 125:17 159:14 184:7 193:20 198:15 leave 73:7 83:2,16 171:5,11 leaves 62:3 187:12 leaving 37:22 171:4,8 led 70:19 leeway 144:23</p>
---	---	--

left 36:3 56:18 177:25 193:23
 legal 49:3,11 90:7
 legally-compliant 50:4
 lengthy 94:2 193:19
 Leon 76:1,2
 LEPC 5:9
 less 24:20 74:22 123:13 139:11 145:11
 155:18 163:25
 let 4:19,24 8:2 9:16 10:14 16:5 20:8
 26:25 38:1,2,22 41:16 53:20 60:9 88:17
 88:17 93:8,8 97:15,23 98:3 101:24
 120:11 141:5,8 167:13 168:18 170:10
 173:2 188:14 197:25
 letter 8:18,20 9:24,25 10:1 13:17,22
 14:11,15,17,19,21 15:17 175:18 176:2
 176:21,23 179:1 186:6 188:18,23
 letters 96:22
 letting 36:18
 let's 34:7 37:3 51:18 85:20,20 101:25
 109:5,5 121:4,4 158:12 163:12 183:24
 leukemia 42:18
 level 31:15 33:3 70:7 148:10 153:23
 154:5 175:11,16
 levels 70:9 152:7
 leverage 167:7
 liabilities 66:9
 liability 114:25 115:18
 library 31:21 79:14 120:6,8,8
 lied 41:25
 life 34:14 37:19 44:12 104:23 172:13
 light 29:18 168:12,14
 likely 80:2 194:3
 likewise 12:14
 limb 101:15 171:10
 limit 84:22
 limitation 76:14
 limitations 142:5
 limited 40:14 154:3 187:7
 line 46:13 165:14
 lines 58:25 91:14
 liquid 30:13
 list 11:5 80:13 159:10 194:16
 listed 97:24
 listen 28:18 102:18
 listening 102:17
 lists 143:19
 litigation 50:17 175:5
 little 22:12 32:10,18 54:12,19 55:25
 58:12 60:11,24 87:4,10 99:19 115:6
 136:23 141:15 144:22 146:19 150:1
 153:9,10
 live 5:19 18:24 19:5 28:2 34:1,1 37:19,20
 38:2,12 41:14,16 44:11,21 45:1 51:12
 70:25 103:10 104:12 172:14,14,17
 180:25 182:13,15 183:18 184:16
 liver 42:18 104:16
 lives 49:23,25 101:23 117:2 171:4 182:11

living 37:16
 loans 50:2
 located 22:8 46:1
 location 32:15 46:1 61:3 96:11
 locations 144:19,19,21,21
 lock 20:1
 logical 154:13
 Logistics 4:21
 long 29:24 35:22 40:25 48:7 84:15
 128:17 180:9 184:12,24
 longer 147:8 181:23 198:9,10
 look 10:9 14:13,16 27:1 59:10 79:22 81:1
 81:23 87:15 96:20 103:21 107:1 113:6
 113:16 117:1,22 120:19 137:11 144:23
 147:24 155:25 162:2 164:8,12 171:15
 171:21 172:12 187:13 188:14 193:12
 194:25 197:13
 looked 25:3,13 27:10 57:25 79:14,21
 98:12 133:2 163:11
 looking 26:3 59:15 90:3,10 95:24 106:23
 127:6,7 133:18 136:23 147:3 149:14
 155:23 163:22 164:10 172:13 180:1
 182:7,9,9
 looks 17:15 158:16
 lose 99:9 104:19
 losing 36:16
 lost 36:16 55:4
 lot 44:2 56:9 58:7 59:14 60:19,19 63:17
 63:17,22 65:4 66:12 70:7 74:6,25 84:13
 87:23 90:10 120:3,4 121:1,1 126:10
 131:4 133:6 134:8 137:16 139:9 145:7
 146:1,22,24 147:6 172:9 173:17 183:5
 191:18 193:24 194:12 195:12
 lots 146:3 175:22 176:19
 love 92:6 172:11
 low 31:11,14,18 69:2,6,15
 lower 71:2
 luminous 33:6
 lung 42:18
 lying 42:3
 Lynch 96:18,25 97:7 98:20 107:11
 120:12 123:15,16 130:11
 Lynch's 109:14 158:5

M

M 2:2 4:6
 made 12:3 14:24 40:6 65:24 72:1 74:4,7
 80:13 81:11 107:2 109:17 125:9,17
 148:17 149:7 158:7 165:8 172:10,17
 173:1,2 193:9
 magnitude 72:8
 mailing 16:16
 main 143:19 168:11
 mainly 58:24 131:10
 maintenance 59:13
 majority 64:14 123:9 127:20 129:1,4
 make 13:4 18:15,20 23:8 24:18 25:21,22

33:17,19 35:1,8 37:10 39:24 41:5 48:15
 48:15 51:22 52:11,14 77:20,23 81:4,6,7
 83:1 84:2 88:3 89:22 90:11 96:23 105:5
 105:14 115:10 116:5 119:22 121:15
 125:13 126:21 128:17 129:9 134:25
 138:2,19 143:14 157:24 158:2,25 159:1
 163:16 164:19,25 165:15,23 168:1
 170:16 172:2 173:14 174:8 178:5,8
 179:4 184:8 189:9,12 191:20,24 199:5
 makes 78:3,6 135:15
 making 12:8 28:17 31:23 73:23 82:25
 97:2 124:5 160:15 161:11,14 162:13,16
 176:19
 man 45:23 118:5 121:21 123:22,25 124:3
 133:1,2,8 138:17
 management 60:23 171:23
 Manager 2:11
 managing 36:18
 manner 50:4 145:10 193:11
 many 12:16 49:2,24 54:22,23 55:16
 57:13 60:16 64:13 66:17 75:24 78:25
 85:1,3,17 113:6,11 129:2 154:9 167:16
 171:14 173:2
 map 56:18,20
 Marines 177:14
 mark 3:2 6:3 16:15
 Marshal 5:10
 martinez 39:21,22 46:8,10,25 47:9,12,15
 47:20,23 48:3,9,12,18,22 74:17,20,21
 76:4,22 77:9,25 113:18 114:15,19
 127:15,19,24 128:5,10,24 130:16 132:2
 132:17 160:12,15,20 161:4,13,21
 162:13,22 163:8,16,23 164:17 165:10
 165:18,25
 Mary 11:22 15:22 51:22 190:9
 Maryland 97:16 119:6 122:10
 Mary's 43:4 49:6,12 196:1
 mass 26:9,10
 material 33:7 60:23 117:18 145:17,19
 materials 6:13 11:6,8,9,11,12,13,15,25
 12:5,13 32:22,23 33:2,2 59:16 80:18
 152:7
 Mathewson 142:1,2 163:21
 matter 38:6 128:14 155:2
 matters 12:2
 maximize 187:8
 may 33:25 44:13 46:1 50:11 54:17,23
 59:25 60:15,20 61:1,17 63:15 65:24,24
 66:10,20 78:24 86:20 87:22 93:24,24
 93:24 94:3 97:14 98:23 108:15,15
 118:2 127:9 128:10 131:2 136:1 141:20
 142:19 144:4 151:12 157:10,13 162:8
 162:11,18 167:1 184:8 185:20 188:20
 maybe 29:17,21 31:4 45:9 73:10 85:5
 101:21 102:17 116:9,13,13 123:13,13
 124:1,9,11 135:16 140:4 144:23 181:2
 194:8 195:13 197:4,5

RESTORATION ADVISORY BOARD MEETING

OCTOBER 5, 1999

Page 213

ma'am 25:25 26:14 28:23 44:9 94:23
 108:10 170:2 172:14 173:16
McClain 53:12
mccullough 2:5 5:4,4 20:18 21:1 54:12
 77:15 79:4,8,23 80:6 198:13
meals 167:18
mean 19:10,25 27:23,25 38:17 43:1,12
 58:21 68:13 71:14 72:3 100:20 101:3,4
 101:4,13,15,22,24 103:13,14,14,23
 104:4,8,9,10,12,19 109:23 110:18
 111:20 112:9 115:12 117:23 120:20
 121:1,2 123:7 124:18 131:18 133:8,9
 134:7 136:20 144:3 150:22 151:9 160:8
 160:17 161:2 163:24,25 165:1 172:16
 180:6,7,11 181:14 186:16
means 23:6 58:2 147:7
measure 46:22 47:19 96:4,7 98:9 148:3,9
 153:22 161:15
Measurements 2:11
measuring 145:14 147:20
meat 142:4
mechanisms 167:10
Medicaid 104:13
medina 106:15,18,24 107:4,9,18,23
 108:6,8,17,20,24 109:3,8,11,13,22
 110:3,7,23 111:16,22 112:8,12,16,19
 112:21
medium 69:1,6,15
meet 60:19 61:24 144:17 156:8
meeting 4:5 7:13 8:22,22,23,24 9:6,12
 10:3,18,20,21 11:4,16 13:18,20 14:8,9
 14:12 15:1,24 16:22 17:5 18:22 21:12
 51:25 52:8 68:5 72:19 73:13 76:21
 85:22 94:17 95:7,8,17,18,19,25 96:1,5
 96:15,16,24 97:19,20 119:23 132:15
 137:4 159:4 166:8,13,15,15,18 167:15
 167:16,19 168:1,6 184:14 185:6,10,22
 185:25 186:24 188:3 189:13 190:7
 195:9,14,16 196:25 197:17 198:1,1,11
 198:24 199:6,13
meetings 10:17 11:10 20:19 21:2 45:14
 73:4 83:19 85:20,21,22 86:1,2 93:10
 95:6 98:4 126:8 134:8 179:25 180:1,11
 181:4 184:12 195:22 198:9,14
mem 112:23
member 2:7,20 3:2,5 4:18 6:2,4,6,8,16
 7:5,6 8:15 9:13,17 51:24 53:7 73:16
 74:1 134:8 169:2 176:7 177:7 178:2
 185:15
members 4:10,15 6:12,13 8:21 9:9 11:23
 12:1,7,14 16:7 17:4,14,19 18:8 44:15
 50:19,22,23 51:4,6 54:3,10,16 80:14
 83:9 84:6 94:13 111:3 112:23 113:7
 114:18,23,25 115:5,9 119:19 123:18
 125:16,20,24 126:20,25 127:1 129:4,12
 131:9 132:6,15 134:13,17 158:13,15
 167:6,24 179:1 197:15 199:10

mention 9:16 39:24 167:13
mentioned 20:25 27:18 41:21 55:15 56:7
 67:9 70:9,10 76:16 153:11 154:12
 185:7,9 188:2 189:1,12
mess 103:16
met 10:2 66:22 166:9 171:25 175:21
metals 13:15 32:19 187:15
methane 152:18
method 19:16 29:7,10 115:23 146:1
 150:2,15 152:15 161:17 183:25
methodologies 152:23 156:18 157:6,11
methodology 149:11 156:7 157:6
methods 150:14
Metro 191:17,21 192:14
Metropolitan 2:13 5:25
Michele 181:20
microorganisms 38:14
microphone 4:24 16:5 18:16 27:7 87:10
 102:14,16 107:7 120:10 160:17
microscope 160:17
middle 4:2 145:24
might 11:12,13 59:11 65:7,22 66:22 69:8
 70:19,19 71:23 77:8 79:6,21,24 80:1
 85:8 142:18 157:14 160:16 161:25
 191:2 194:2 195:10,11
migrating 68:21 72:6 156:2
migration 22:3 169:4,5,6,13
mike 18:12
mild 103:4
million 23:24,24 72:4,8
millions 39:4 104:8
mind 10:25 13:9 102:16 159:17
minimal 33:4 38:5,6
minimize 59:16 78:5
minnow 38:14
minor 38:5,6
minute 41:6 56:7 122:18
minutes 6:20 7:13,13 9:6 17:18,20,21,24
 18:5,10,17 43:21 83:21,22 85:11 93:9
 189:8 193:20 197:6
mirror 171:16
misinterpretations 162:15
misjudged 113:25
misjudging 114:20
mismanagement 36:8
misnamed 87:1
miss 124:16
missed 124:21 125:2
missing 119:11,14,17 124:12 132:12
 153:2 154:13
mission 54:19,20,21 55:12,22 56:24 64:6
 64:22 137:15
mistake 34:7,7
mistaken 27:13
mistakes 172:10
Mitch 171:24
mitigate 130:21

Mixon 5:9
model 40:22 96:10 160:22
modeling 24:17 148:6
modification 48:6
modifications 48:15,16
molecules 30:15 31:1
mom 182:8
moment 100:8
money 26:2,13 27:1 28:21,22,22 39:10
 50:11 72:7 95:22 99:7,9,10 104:18,22
 104:23 121:1 131:9,16 139:9 159:18,25
 171:13
money's 103:13 123:3,7
monies 130:23,25 131:1
monitor 23:7,12 153:5 180:5
monitored 23:3
monitoring 72:15 88:16 131:25 144:6
 146:13,15 150:5 151:24,25 154:9
month 16:21 17:4 43:2 124:2 186:9
 198:14
monthly 85:20
months 10:23 11:17
Montoya 175:19 176:9
moral 171:14
morally 38:21
more 16:20 17:3,7,8 22:20 24:7 27:15
 36:11,15 38:10 41:11 42:12,21 50:9,11
 52:8 55:25 58:7,12 60:11 62:10 74:8,12
 74:12,22 81:14 84:5 85:11,16,20,23
 94:7 101:17 104:19 105:18 114:9,12
 123:1,13 132:13 137:25 138:1 139:24
 153:10 155:19 159:16 163:17,25
 164:19 165:14,16,18,22 167:5 170:1,2
 170:11 172:19,19 173:6,7 175:9 176:22
 183:22 189:18 191:15 192:15 194:3
mortality 193:5
most 11:11 26:2 30:4 37:15 44:12 45:11
 55:21 56:14 59:12 65:17 66:18 76:19
 79:12 80:2 118:18 134:13 167:20
 180:24,25 198:1
mother 23:6 104:16
motion 16:20,22 17:20,23 81:4 82:16,23
 82:24,25 83:1 121:16 124:25 125:5,7,9
 125:23 133:24 134:4,23 136:8 138:6,11
 138:15,21 158:2,6,7,10,12 199:5,8
motivating 173:22,22
motivation 174:5
move 16:23 17:25 44:6 51:19 52:19
 64:11 80:8 83:15 105:6 136:5,13
 138:25 140:21 166:2 185:3
moved 17:2 72:17
moves 147:13
movie 100:24 117:1,3
moving 25:11 26:10 51:9,25 59:14 64:14
 97:6 100:18 102:24 135:14
MP 98:9
much 15:18 22:20 24:23 26:4,16 33:11

35:3 46:2 48:23 55:1 66:8 79:6 98:20
 98:25 99:3 100:18 102:21 109:16
 111:24 118:1 119:17 122:6,9,10,15
 139:2,3,22 140:1,16 145:11 148:3
 157:19 158:20 162:24 165:12 172:25
mud 150:7,19
multiple 157:5
multiplied 30:1
murdock 2:2 4:6,8,20 6:9,24 8:2,6,9
 10:25 11:19,22 12:25 13:8,21 14:1,4,10
 14:16,23 15:4,7,16,19,25 16:3 17:17
 18:1,3,9 20:8 21:6,14 29:12 30:4 32:25
 33:4,13,21 34:25 35:14,16,20,23 36:20
 37:9 39:16 40:6 45:18,22 52:20,21 53:6
 53:11,15 54:7 84:1 85:25 86:8,10,13
 91:12 93:8 94:6,12 115:8,13 157:23
 166:4,5 168:8,16 171:7 178:14,17,23
 179:7,20 185:4,24 186:2,11 188:6,11
murrah 2:15 5:11,11 71:5,12,21 72:1
 87:5 106:21,25 123:20 124:8,18
must 84:10
myself 65:2 103:15,25 107:1 131:11
 170:11 173:22 183:9

N

name 5:18 18:23 20:25 39:21 41:13
 44:10 46:9 49:1 74:20 117:12,12 169:1
 170:11,17,20 174:13 176:18 179:24
 181:19
nation 39:1
national 175:10,16 179:15
natural 23:4,5 29:5,18 49:15 144:11
 146:17,20,20,21 147:2,5,7 174:25
naturally 146:24
nature 23:6 26:25 143:20 155:1 174:17
 174:19
Navy 177:14
Nazarite 41:14
near 190:13
nearby 48:1
neathery 96:11,13 97:10 139:3,10,16
 141:1,1,7 145:3 147:18 148:11,16
 150:18,25 151:3,6,8 159:13,19 161:1,7
 161:18,24 162:6,7,18 163:3,9,18
 164:21 165:17,23 169:9,16
Neathery's 157:21
necessarily 40:7 91:4 113:20,24 114:6
 126:6 127:9,25 128:11 156:3,13 164:18
necessary 61:7
necessitate 194:3
necessity 12:7
need 17:12 44:6 51:19 52:16 64:1 77:11
 84:20 85:5 98:6 102:4 107:6,6,6 114:2
 121:9,15 125:6 137:19 138:3 152:9,23
 153:6,15,18 155:25 171:15 172:5,10
 178:24 179:4 185:5 192:15,17 195:1
 197:7

needed 64:21 132:13 149:20
needs 57:3 91:8,10 117:10 126:22 127:14
 153:9 156:23 165:5,6,7 178:8
negligence 36:13 38:23
neighbor 174:3
neighborhood 67:18 71:6,9,13,16,18,21
 141:5 180:25
neighborhoods 13:6,7 15:14 34:20,21
 68:11 69:3 70:5 71:1,3 72:14 81:9
neighbors 180:18
neutral 58:20
never 51:1 173:19
new 9:8,9 34:20 54:16 59:10 65:3 124:5
 133:19 164:4
newspaper 41:22 42:8 191:16 193:24
next 9:12 15:24 17:17 18:11 23:12 26:20
 34:13,14 37:21 38:1,2 40:24 43:2 49:17
 54:1 55:12 61:4 73:12,13 77:21 86:15
 93:13 94:15 97:11 98:6,8,13 119:23
 125:8 136:2 159:4,7 166:5 178:13
 184:14 185:6,22,24 190:6,19 195:9,13
 195:16,16,17,18 196:13,16,25

nice 182:3
night 85:1,4 116:3
nil 31:8
Nine 184:2
nitrogen 146:22
noble 134:12
nobody 34:17 191:3
none 14:7 19:18 56:13 102:7 149:19
nontechnical 156:24
normally 167:21
north 49:8 172:15,16
note 7:6
noted 153:21
nothing 43:23 72:21 105:18 114:12
 120:21 123:1 161:2
notice 87:22
noticed 19:1 31:22 41:22 99:5 142:18
November 9:11 43:3 195:21 196:18,21
 197:1 198:3,4,7
nth 93:24
number 46:15 59:7 69:18 87:5 94:24
 95:1 101:7 126:4 144:2 146:8 156:13
numbers 37:16 193:9
numerous 10:9

O

objection 49:15
objective 159:13
objectives 143:9,20,25 144:17 149:13,22
 156:9
obligated 56:7
obligation 56:4 57:10 60:3 66:16 72:9
 113:5 171:14
observation 149:23
observations 149:6,7

obtain 50:3 143:11
obvious 151:18
obviously 23:16 89:15 94:2 141:25 177:9
occupancy 76:12,19
occupations 113:3
occur 75:6 146:24
occurred 55:18,19 99:13 200:8
occurring 55:7,17 63:19 75:7
occurs 54:24
october 1:11 4:1 8:24 97:18 166:20
 167:15 196:15,16,18 200:10
off 9:1 13:9 20:12 22:3,4,16 26:10 31:14
 51:13 59:3 60:9 63:3 68:21 72:6 80:10
 83:20,25 85:10 91:18 99:10,12,19
 101:25 102:2 104:25 107:19 110:4
 111:19 128:22 137:3 165:2 171:9
 174:21 190:2
offense 103:14
offer 168:21
office 53:3 124:4
officer 131:11
off-base 8:19 13:6 23:23 63:4 68:17 81:8
 84:19 166:7,10,24
off-site 38:1 144:2
Oh 30:21 92:6 95:1 100:11 107:20
 111:23 136:17,25 174:11 177:11 188:9
oil 155:13,15
oils 150:10
old 155:20,20
Olympic 44:2
Olympics 44:3
omissions 162:15,19
once 42:3 63:13 64:2 67:20 148:20
 165:20 170:1,2 198:18
ones 29:14 157:7
one-sided 118:23
one-year 16:12
ongoing 56:24 64:17 75:18 76:3,3,5
 93:21 167:10
only 40:10 43:14 45:10 49:25,25 54:15
 57:21 59:25 73:3 83:20,22 85:15 95:6
 113:18 117:7,16 127:15 130:17 133:19
 142:18 153:18 162:22 164:5,8,8,18
 176:7 177:7 184:11 189:7
onto 59:8 65:18 66:2
open 21:20 52:12 85:23 86:1,2 128:17
 130:10 145:22 148:9 173:21 177:25
 184:22 195:23
operate 61:3
operating 32:2 63:10
operation 104:16
operations 55:18 56:6 59:1,2 62:15
opinion 105:12,18,19,20 106:13 107:2
 108:4,6,8,12,12,15 110:2,4,24 111:24
 117:7,17,19,19 119:2,2 121:5,8 122:1
 122:20 123:25 124:2 135:21 187:6
opinions 122:5 124:13 133:7,10

opportunities 41:9 55:4 85:13 167:2
 opportunity 17:19 18:22 51:2,10 52:4,7
 52:10 54:14 56:8 61:20 65:19 67:11
 90:6,20 128:18 129:12 162:4 168:21
 193:12,14 195:3 197:12,14
 oppose 134:4
 opposed 18:9 83:10,12 199:12
 OPTECH 170:20
 option 24:14 25:4 58:2
 options 27:9
 order 26:12 56:11 83:23 128:15,19
 132:13 190:8
 Orders 128:14
 ordinances 76:16
 ordinary 35:9
 organics 152:18
 organization 4:16,17 62:11
 organizational 92:24
 organizations 178:12
 original 1:21 118:11 123:21 139:22
 140:1 159:15
 originally 154:1
 originate 70:1
 originated 144:4
 originating 70:3
 other 9:16 10:9 12:5,5,8,9 14:5,18 16:3
 18:16 19:22 24:25 25:16 28:20 29:19
 42:1,19 43:15 44:15,16 50:19 51:7
 60:18 61:17 69:3 72:10,21 74:16 75:10
 78:18 84:13,18 99:21 101:21 106:22
 107:18 110:4 113:1 123:23 126:4,7,10
 126:13 127:1 141:25 142:9,19 147:1
 152:20 153:20 155:7 157:7 158:23
 159:19 161:9,9 162:8,11,20 165:15
 168:16 169:23 175:7 177:13 178:20
 181:18 184:20 185:1 187:11,14,19,19
 187:25 193:7,7
 others 30:2 48:24
 otherwise 125:23
 ourselves 128:9 178:11 179:6 182:2
 outfalls 76:1
 outreach 167:10
 outside 115:19,20 126:18,19 127:12
 183:12
 outsider 90:3
 OU-2 96:13 97:10 141:3,4,13
 over 16:6 29:24 34:4 38:9 42:1 43:21
 50:25 52:19 54:4,18 55:1,13,15 57:8
 62:12 64:12,25 66:7 67:2,20 69:21,24
 70:10 73:14,14 90:10 94:8,17 100:5
 114:13 117:23 123:12,21 124:1,3
 130:19 131:9 134:6 140:5 144:23 160:1
 166:3 168:18 174:12 182:6,24
 overall 46:25 80:25 165:21
 oversee 20:15
 oversimplification 131:8
 overwhelming 28:12

owe 193:11
 owes 98:11
 own 39:2 47:10 65:8 66:3,13 103:24
 113:3 137:6 160:7,8 170:12,12,17,18
 170:18,18 179:12 187:6
 owner 41:15
 ownership 63:5
 oxygen 146:22
 o'clock 4:4,4 84:16 85:1,5 166:1 198:11

P

Pacific 2:12 5:14 14:7 187:21
 package 6:13,16 7:2
 packages 9:14
 packet 7:5,6 8:15 9:17
 page 100:6 101:7,10 153:4 154:12 188:2
 pages 153:2,3
 paid 106:1 109:14 110:23 113:17 117:22
 122:25 123:12 135:4 139:2,10 141:8,10
 158:19,21 160:3,4
 painted 33:7
 paleochannels 155:9,20,25 157:1,13
 159:3 162:9 169:4,20
 panel 125:7,10 180:24 181:1
 paper 86:18,18
 parameters 144:12 146:18,21
 Pardon 48:3 192:7
 parliamentarian 125:12 127:17 128:1,9
 128:13,15,20 129:1 138:19 177:21,23
 177:24
 part 20:15 22:20 24:15 26:5 33:7 56:25
 62:12 64:16 78:6,16 82:6 98:14 105:10
 107:16 121:13 135:22 137:23 167:1
 182:11 187:17
 participate 125:25
 participating 73:1,2 134:9
 participation 175:23 176:10
 particular 24:3 34:23 82:19 93:19
 113:10 129:5,23 189:18 190:8 194:15
 particularly 49:8
 parts 29:20 142:22 193:7
 party 87:22
 pass 4:24 18:12
 passed 20:3 42:4
 past 23:18 28:15 55:18 56:6 114:23
 126:8 137:12
 pat 2:5 5:4 20:18,18 21:1 65:2 171:1
 198:13
 patently 49:17
 Patrick 96:18 107:11
 pattern 147:22
 paul 2:11 5:13 16:15 137:2,7
 Pause 4:12 95:15 101:13
 pay 35:11 36:15,19,21 51:17,17 98:20
 103:14 104:9,15,17 122:6,15 123:1
 129:2,3 139:15 159:22 173:18 179:11
 paying 104:11 122:9,10,19

payment 132:19
 pays 37:8
 PCE 155:10
 Peace 16:15
 Pearl 179:24
 Peggy 29:3
 pena 35:7,19,22 36:1,23 37:8,14 39:18
 51:12,16 99:22,24 100:4,9,14,16 101:3
 101:11 102:5,10,15 104:13 105:1,16
 106:6,10,14 120:9,18,23 121:11,25
 122:4,9,14,21,24 123:6 124:15,20
 125:1 135:9,9,11 137:7,9 159:22 160:3
 160:6,11 168:7,10,14 169:24 170:2,9
 170:11,15,17 171:9 174:11 195:24
 196:3,9,11,14,22
 pending 76:10
 penetrometer 144:5,18 145:1,10 146:5
 154:24
 people 17:7,22 28:1 30:25 32:7 37:15,17
 39:15 43:11,22 44:15,16,17 49:24
 64:25 70:25 73:1,4,5 77:16 79:12 81:7
 83:14,18,24 85:4,23 92:24 98:4 102:25
 103:18,20 104:11 109:20 111:10,12
 113:2 116:15 120:3,4,17 121:17 123:9
 125:7,20 129:2 135:16 137:13,19
 142:14 163:22 164:24 167:20 172:9,12
 173:6,23 174:1,18,19 181:10 184:11
 191:1 194:25
 people's 16:13 49:16,21
 per 18:17 83:22
 perceive 192:23
 percent 57:5,6 152:5
 perez 41:13,14
 perform 131:20 148:21
 performed 149:2
 performs 131:12
 perhaps 19:20 139:11 162:8 186:9
 period 21:20 22:15,21 28:7 34:4 63:13
 64:16 105:3 123:22 124:4 154:3 185:2
 periods 29:24
 permit 47:3 48:7,8 49:5 75:19 89:17
 92:19,21 93:25
 permits 60:22 75:8,9,11,12,14,17,22,22
 75:23,24,25 87:20,20,24 88:4 172:25
 permitting 75:3,6,7,18 76:6 88:7 89:8,11
 94:1
 person 2:11 5:13,13 16:15,25 18:18
 30:15 32:1 82:17 83:1 85:7 93:4,6
 100:1 105:5,8,17,25 106:8,11,16
 107:25 108:4,7,10,19,22 109:1,5,10,12
 110:13,18 111:17 112:1,9,13,17,20
 114:1,9,17 117:8,20 120:14,21 121:7
 121:12,23 122:2 124:24 125:6 131:3
 134:22 136:14,20 137:8 138:7,13
 148:15 156:18 168:12 172:20 174:6
 175:8,13,16,18,22 176:3,9,12,14,18,22
 176:25 177:4,9,19 185:22 186:1 191:25

RESTORATION ADVISORY BOARD MEETING

OCTOBER 5, 1999

Page 218

<p>regulations 32:5, 11, 13 61:24 90:19, 21 128:8</p> <p>regulators 29:13, 14 74:13 78:7 86:17 87:24 93:12 125:24</p> <p>regulatory 111:6</p> <p>Rehabilitation 186:18</p> <p>rehearse 73:14</p> <p>reinjecting 25:9</p> <p>reiterate 36:3 101:24 166:21</p> <p>related 64:9 78:1</p> <p>relating 89:19</p> <p>relation 22:23</p> <p>relations 188:2</p> <p>relative 10:7 67:7 69:1, 2, 4 193:8, 9</p> <p>relatively 66:4</p> <p>releasable 12:15</p> <p>release 12:6</p> <p>released 12:3 13:15 30:14 187:15 194:21 194:22</p> <p>reliability 160:22 162:23</p> <p>relied 163:20</p> <p>rely 116:18 117:15, 16</p> <p>remarks 100:5</p> <p>remedial 61:8 63:4 74:10 191:10</p> <p>remediate 56:5</p> <p>remediating 47:1</p> <p>remediation 29:15 46:14, 17 47:16 168:4</p> <p>remedies 167:1</p> <p>remedy 24:9 26:22 28:15, 15 61:17 78:16</p> <p>remember 16:8 43:3 44:18, 19 137:19 198:18</p> <p>remind 18:14</p> <p>remove 156:24 157:4</p> <p>removing 189:20</p> <p>repair 173:20</p> <p>repeating 11:1</p> <p>reported 95:17 123:16 200:8</p> <p>reporter 3:8, 9 117:10 160:18 200:4, 5, 14</p> <p>reports 94:16, 21 98:7 136:3 142:10, 10 142:19 149:4 151:12 158:25 162:8, 20 183:23 191:23 192:21</p> <p>represent 21:1 89:15 167:6, 11 176:7 177:8 178:11, 12, 13, 19, 19 179:5, 6</p> <p>representative 20:17 53:2 54:2 191:18</p> <p>representatives 7:17 52:16 53:18 129:10</p> <p>represented 49:3 53:19</p> <p>representing 4:16, 18 5:8, 23 53:7 175:14 176:4, 6 177:1, 3, 6</p> <p>represents 89:16</p> <p>reproduce 115:23</p> <p>request 12:8 15:20 92:8 168:19 191:21 195:5, 6</p> <p>requested 8:10, 18 11:8 13:16 132:6</p> <p>requesting 8:21 50:18 175:24</p> <p>requestor 8:13</p> <p>requests 167:14, 16 192:11</p> <p>require 60:13 79:6</p>	<p>required 32:14 50:6 57:20 77:8</p> <p>requirements 23:19 60:12</p> <p>requires 78:17 127:22, 23</p> <p>requiring 76:19</p> <p>research 27:18 31:21 42:6, 12, 13, 14 93:9</p> <p>researcher 41:17</p> <p>resendez 18:23, 24 21:4, 13, 16</p> <p>Reserve 56:24</p> <p>reside 39:22</p> <p>resident 33:23</p> <p>residential 27:15 146:2</p> <p>residents 40:11 174:18</p> <p>resolve 178:7</p> <p>resources 63:19 64:5, 21</p> <p>respectful 138:3</p> <p>respective 53:18</p> <p>respirators 31:24 37:25</p> <p>respond 11:21 14:17, 25 15:22 21:15 22:20 28:10 130:15 157:21, 22, 25 158:4 162:2 190:9</p> <p>responded 132:14</p> <p>responding 97:13</p> <p>responds 10:1</p> <p>response 9:18 10:3, 11, 12 11:24 21:11, 16 88:18 96:23 119:15 130:7 170:7</p> <p>responses 6:17 100:10 105:10</p> <p>responsibility 56:9 57:9 60:10 62:5, 14, 19 63:2 64:18 66:10 71:6, 8, 20, 24 77:23 86:16, 21 87:3 91:15, 17 115:17</p> <p>responsible 20:12, 23, 24 35:18, 21, 24 60:6 87:23 88:22 89:4 116:17</p> <p>rest 145:1</p> <p>restaurant 173:19, 21</p> <p>restitution 35:12</p> <p>restoration 1:10 9:25 21:18 33:8, 20 57:24 72:20 113:9 126:5 131:13, 15, 23 141:24 175:10 179:18 185:8</p> <p>restriction 78:4, 17, 22</p> <p>restrictions 78:13 79:1, 6 89:18</p> <p>result 10:3 58:11 93:24 111:15</p> <p>results 25:15 30:7 115:24 146:11 185:11</p> <p>retain 56:9 62:19</p> <p>retained 68:10 70:4</p> <p>retains 59:22</p> <p>retime 85:7</p> <p>retired 170:25</p> <p>retirement 50:1</p> <p>retool 85:6, 7</p> <p>reuse 56:16</p> <p>reusers 67:10</p> <p>reverse 19:10</p> <p>review 9:22 12:2, 10, 12, 14 17:19 40:1 47:6 48:8, 14 80:25 90:7 96:12, 17 97:7 97:21 98:2 100:10 106:2, 2 107:15, 17 109:2, 15, 23 112:3 113:8 118:6 119:6 124:7, 9 130:4 131:20 132:25 133:3, 7 133:10, 10, 16, 18 136:3 139:23 141:12</p>	<p>141:19, 23 151:15 153:1 156:22, 24 157:2 158:22 159:15 161:8 162:10, 21 164:6</p> <p>reviewed 105:13, 13 109:16, 18 142:7, 9</p> <p>reviewer 142:1</p> <p>reviewers 141:25</p> <p>reviewing 118:13 139:4 141:3</p> <p>reviews 98:8</p> <p>revise 14:22 164:25</p> <p>revised 157:3</p> <p>revisions 17:21</p> <p>revisit 198:20, 22</p> <p>Revival 9:19 81:12 96:19 107:13</p> <p>re-cast 80:16</p> <p>re-injection 25:3</p> <p>rice 2:21 6:1, 1 10:17 11:3, 20 12:19, 22, 24 15:20 16:2, 15 24:13 25:2, 14, 19, 23 51:21 64:8, 23 65:6, 11 66:23 91:13, 21 91:24 92:1, 6, 11, 15 116:8 119:19 127:1 133:23 134:1, 3, 19, 24 136:12 137:1 157:17 170:14 190:5 192:4, 7, 10, 15</p> <p>Rice's 27:13</p> <p>rid 19:15, 21</p> <p>ride 137:7, 9</p> <p>right 16:24 33:16 35:1 38:1, 2, 19, 21 41:7 44:5 45:1, 2 47:20 51:19 56:11 59:21, 23 62:4 63:16 68:23 74:15 77:16 78:20 79:1, 2, 9 80:6 81:13 82:15 83:5 87:7 88:10 89:3 90:12, 14 94:5, 19 95:14 97:6 99:17 101:14 102:5, 11, 25 103:6 105:7 108:1 110:12 112:5, 18 117:14 118:15 120:15 123:11 124:8 127:10, 10 134:1 135:19, 22 138:10 140:3 148:16 150:23 150:24 151:2 158:14 160:7 163:12 168:13, 15 170:9, 15 171:6, 18 174:16 179:15, 16 180:3 182:1, 12, 17 183:13 184:5, 16 187:4 195:20 196:25</p> <p>righted 171:15</p> <p>rights 49:18 90:13, 15, 15</p> <p>risk 10:7 31:17 67:7 69:1, 2, 4 75:1 148:21, 22, 23 149:1, 3</p> <p>risks 30:8 115:1 143:24</p> <p>river 144:14 149:15, 18</p> <p>Road 170:18 189:21</p> <p>Roberson 53:23, 25</p> <p>ROBERT 2:2 4:6</p> <p>Robert's 128:14</p> <p>Rodriguez 53:2</p> <p>Roger 169:2</p> <p>role 46:15 48:12 126:5 192:20</p> <p>rolls 76:25 77:4, 7</p> <p>Romero 53:3</p> <p>room 135:18 196:4, 6, 8</p> <p>rose 14:25</p> <p>route 82:10</p> <p>roy 3:6 5:8</p> <p>rule 60:23 128:11 129:1</p>
---	--	--

ruled 138:21,21
 rules 58:3 60:14 68:15 90:19 91:3 93:17
 94:4 127:17,20 128:2,8,9,14
 rule-making 93:20
 run 25:6 94:7 137:14 154:6
 running 52:1
 runway 56:21
 ryan 21:17,17 22:23 23:2,7,13 24:1,8,12
 25:1,18,21,24 26:5,20 28:6,22 45:19,20
 45:21 70:10 101:2 102:13 120:6

S

S 91:23
 safe 35:2
 safety 8:10 142:25 143:16,18
 SAIC 96:6
 sam 2:13,15 5:11,24 127:16 191:15
 197:25
 same 12:4 16:11 17:6 22:4 26:24 37:23
 37:24 55:16,20 56:9 60:14,22 61:3
 64:25 65:4,4 68:14 72:16 94:4 108:14
 108:16 109:4,10,12 115:24,24 119:4
 122:16 175:5
 sample 95:22 164:5
 samples 65:20,25 95:12,22,23 140:12
 143:11,14 145:4,12 146:1,16 152:16,21
 154:24 163:6
 sampling 95:10 98:11 142:23 143:9
 153:3 154:8,23 155:5
 Sam's 64:9
 San 2:13,23 3:4 4:3 5:23,25 34:24 40:13
 41:15 57:7 62:22 75:20 76:18 141:2
 144:14 149:15 161:20 163:11 170:13
 179:13 186:3 194:15,18
 sanchez 2:13 5:24,24 62:24 63:7,16 84:9
 112:22 126:2 127:18,21 128:3,7 164:2
 187:5 192:2,5,19,25 193:18 194:11
 195:7,18,22 196:1,5,17,20,24 197:4,11
 198:3,5
 sandwiches 167:14
 sanitary 75:13,21
 sat 72:12 73:24 126:13
 satisfaction 132:10
 satisfied 73:20
 satisfy 149:22
 save 52:9 104:18
 saving 104:18
 saw 184:17
 saying 4:20 29:9 43:14 101:21 102:8,12
 103:3,23,24 104:1,17 108:11 109:19
 113:19 114:5,23 115:7 117:10 121:21
 122:1,1 150:21 153:18 159:6 175:4
 182:12 183:6,17 184:1 198:19
 says 37:13 38:9 95:2 100:16 102:20
 109:7 111:18 115:20 119:11 122:17
 138:19 150:12 151:25
 scare 43:23 100:19,23 135:13,16

scared 101:4
 scares 135:17
 scariness 103:23
 scary 101:19 102:22 103:2,9 104:1
 135:22
 schedule 47:10 180:2
 scheduled 7:9 166:18 167:19
 schedules 47:4
 scheduling 74:23
 school 4:2 40:12,14 186:3
 schooling 101:17
 science 196:5
 scientific 115:22 133:13
 scientifically 165:7
 scientist 115:20
 scope 144:15 162:10
 screen 148:18 151:23
 screw 150:20
 SEAL 3:8 200:3,14
 seams 155:3,3
 seats 4:10 94:13
 second 6:24 13:14 16:25 17:1 18:1,2,4
 20:9 65:6 80:23 81:24 82:23 83:3,4
 94:14 110:2 124:24 125:6 134:22 136:9
 136:11,11,12,13 138:9,16,22 158:6
 168:12 190:12 197:1 199:7,9
 secondary 167:4
 seconded 16:24 17:2 158:8
 Secretary 62:5 179:17
 section 100:5 150:6,6,11 151:16,25 152:3
 152:16 154:15
 sections 115:22 151:13 153:13,14
 see 13:3 16:11 19:19 21:12 23:20 25:15
 34:22 37:15,19 38:11 39:2,12,13,14
 40:2 42:22 43:13 49:20 56:3,20 57:1,10
 57:13 58:7 63:19 65:15,16 68:8 69:19
 69:20 72:17,20 73:16,22,23 74:4 80:18
 92:6,9,20 97:24,25 98:8 99:13 100:11
 105:16 110:11 116:23 119:15 120:18
 121:4 136:6,6,25 137:22 147:3,20,24
 157:12 172:3,19 173:6,12,12,23,24
 176:1 178:23 182:16,16 183:6,22
 195:12
 seeing 55:17 118:9 183:2
 seem 123:8
 seemed 154:13
 seems 19:13,17 72:13,15 73:13 117:14
 126:2 192:24
 seen 37:12 51:1 100:24 120:16 159:14
 seepage 38:10
 sees 38:25
 select 26:13 29:2 125:19 137:4
 selected 26:22 95:21 111:2,9,10 127:2
 129:17,18,20,21,23 130:4
 selecting 24:9 134:6
 selection 111:7 113:25 125:17 134:10
 sell 37:16 50:3

selling 50:7
 send 8:18 181:7
 sense 37:16 59:6 80:22 113:20 134:19
 164:19 165:24
 sent 8:20 14:15,19 42:12 188:18,24
 sentence 101:8 153:8
 sentences 153:8
 separate 66:13 69:25 70:20,22 88:8
 September 8:22 96:5,15 196:12
 sequence 67:3
 sequencing 14:20 15:3,6,8,15
 series 149:17
 serious 180:7
 serve 16:12,12 22:1 26:9 40:1 52:13 62:6
 service 36:13 44:17 159:23 167:18 169:3
 servicemen 44:25
 Services 141:2
 serving 126:12
 sessions 50:25
 set 8:1 25:12 61:24 94:4 98:3
 sets 129:25 130:1
 setting 7:18
 seven 144:1 190:5
 several 24:22 29:1 74:8 126:8 145:4
 151:11 190:25
 sewer 75:13,21
 shallow 30:19 143:21
 shame 172:8
 share 66:16
 shared 66:18
 Shawn 96:2
 shed 29:18
 sheet 7:1 81:10
 sheets 8:14
 shift 84:11
 shifting 57:11
 shop 64:12 170:24
 short 96:1 123:22 141:15
 shortcomings 162:5
 shorter 22:15
 Shorthand 3:8 200:4,14
 shoulder 90:11
 shovel 32:2
 show 19:1,16 66:6 71:23 74:10 101:6
 showed 19:14
 shower 30:13,16,19
 shown 61:13
 sic 14:25 121:5 172:23 186:13
 sick 33:24 116:16 181:11
 side 56:20 69:24 70:8,8 72:9 79:12 96:9
 170:13 172:16,17 174:18
 sign 23:20 131:19
 signals 32:3
 significant 26:8
 significantly 84:5
 signs 131:11
 similar 22:2 194:13

simple 92:18,21 141:21 181:21
simplified 92:20
simplify 151:1
simply 32:16 174:19
since 10:23 11:17 95:6 122:25 167:15
 195:9,9
sink 155:14
sinkers 155:11
sir 6:23 7:24,25 8:8 13:24 14:3 15:12
 21:4 24:12 35:6 41:12 45:21 46:2,3,7
 48:25 70:14 72:11 79:3 86:7 87:13,17
 87:18 93:14 99:23 115:3 119:18 128:25
 140:24 159:7,11 160:14
sit 73:25
site 8:11 9:25 14:20,21 21:20 24:3 46:4
 46:22 47:11,12 48:1,2 62:10 80:23,23
 96:7 98:9,10 119:25,25 120:4 185:8
 189:22
sites 10:7 15:3,6,15 33:9 47:7,13,16
 50:10 67:6 68:24,25 69:3,8,14,15,24
 87:21
sitting 134:9 146:4
situation 129:11 172:7
six 10:22 11:17 68:24 69:14 155:2 198:14
Sixty-six 144:19
size 151:23 152:1,2,4,9,11
sizes 152:7
skin 38:3
skip 143:3
Slattery 96:2
sleeve 145:15
slides 7:5,7,10,11 9:4,5 53:25 143:4
slightly 87:1
slot 151:23 152:1,2,4,9,11
slow 100:22
slower 36:23
small 79:12 81:6 118:9 155:3,3 173:4
smells 184:18
social 49:11 104:14
soil 59:5 61:25 65:20 69:16 78:19 95:12
 95:23 145:4,24 146:4,21,25 154:24
 170:4 183:20
soils 78:11
soil's 146:25
sole 169:10
Solis 16:16
somebody 21:7 29:17 46:18 53:22 99:25
 106:22 107:19,19 111:10,19 114:3
 116:4 156:20 159:2 178:18 179:1
somebody's 110:4
someone 30:12 38:4 60:8 61:2 81:4
 100:20 101:16 117:25 124:22 128:19
 173:20 174:22,24 175:2
someone's 104:15
someplace 81:10
something 31:1,5 38:22 41:21,21,25 43:1
 45:6,16 51:24 66:15,20 72:12 73:9,11

79:24 80:1,10 83:23 92:4,7 98:5,13
 103:4,12,13 105:12 109:7 111:7,8,19
 115:20 116:18 119:23 121:9 123:4
 151:20 157:12 167:22 180:3 184:6,19
 194:13
sometime 9:11
sometimes 91:2 121:13
somewhat 55:5 64:19 113:2 151:22 156:6
somewhere 89:17
son 182:21
sonic 144:5,18 145:1,10 146:5 154:24
soon 26:21
sooner 195:13
sorry 14:1 15:4 27:3 51:16 62:25 72:20
 73:15 79:4 102:5 112:12 117:6 122:8
 135:8 160:7 186:18,21 196:15,19
 198:25
sort 11:13 15:9 32:21 109:25 187:24
sorts 32:4
sound 92:10
sounds 112:19 135:17
source 30:23 50:1 129:9,15
sources 58:22 69:25 70:21 144:3,3
 184:20
south 2:23 34:24 40:13 170:13 172:17
 174:18 186:3
Southcross 4:2
spaces 17:7,8,9
span 81:21
speak 46:19 75:8 81:15 99:6 133:24
 139:6,21 177:15,15 179:14,15,16
speaker 33:12 83:22 117:5 170:8
speakers 83:21,23 85:16,17
speaking 178:2 179:18
special 32:3 44:24
specialists 181:8
specially 58:6
specific 79:17 81:14 82:18 152:1
specifically 13:22 21:25 75:3,5 81:25
 143:1 149:17 195:2
specifics 150:4
specify 82:11
speed 147:11
spend 24:23 39:4,7,9 104:8
spending 26:16 72:7 120:23 140:23
spent 26:2,4 72:4 79:13 85:11 139:8
 159:18
spill 116:23
spilled 116:22
spills 5:20 172:3
split 64:20 65:25
spoke 42:6
spoken 43:13,19
spot 51:5
spots 174:7,9
spreading 100:25,25 102:21
Squibb 97:16 119:5 122:7,10

Sr 16:16
St 43:4 49:6,6,12 196:1
stable 23:10
staff 9:9,10 12:13 21:7 33:13 63:24 64:11
 64:14,16,19 65:4 130:9 166:25
stagnant 72:16
stainless 148:18
stand 18:10 31:24 38:1,2 45:19 53:3,8
standard 133:11 156:13,14 161:13,21
 171:22
standards 6:25 7:3,3 156:10,10 163:1
standpoint 55:9,11
stands 11:24 111:18 139:12
stand-alone 9:20 142:8
stankosky 2:16 5:16,16
start 77:7 82:20 89:18 99:20 153:8,23
 180:5 181:8,10
started 28:5 55:7 93:3 116:10 142:4
 181:13 184:21
starting 98:3
starts 101:8
state 4:16,19 12:17 40:15 42:17 46:16
 47:5 50:5 61:15,20 62:1 89:15 90:3,18
 90:19 103:1,17,18 125:2 152:12 157:6
 157:9 200:1,5,15
stated 42:20 59:22 149:12,22 150:6
 152:1
statement 40:5 63:9 79:25 80:5 82:21
 105:15 119:16 188:14
statements 18:11,14
states 20:10,13 44:25 55:15 58:19 154:23
 177:14
statewide 89:23
static 154:5
stating 22:16 38:17 100:21 101:6 102:19
status 12:10 14:6 185:12 187:20,23
 189:12
statute 132:1
statutes 90:18,21
statutory 93:21
stay 18:17 73:8 84:17 85:4 173:7
stayed 49:5
staying 64:15 103:18
steam 32:2
step 26:11 173:25
steps 92:19
Steve 96:8
sticking 174:5
sticklers 171:25 172:24
stigmatism 37:18
still 10:22 11:24 20:1 32:12 45:20 60:6
 84:20 98:11 131:10,24 136:7 156:23
 197:3
stipulated 60:15
stop 153:8
storage 58:25
stories 91:6 193:24

stormwater 75:23 76:2
 story 190:16
 straight 120:11
 straw 145:23
 streams 69:18 70:17 155:20
 street 107:19 110:4 111:19 183:13
 strengthen 147:5
 stretch 117:24
 strict 60:12
 strictly 94:8 129:24
 strides 173:2
 stringently 32:13
 strive 44:6
 strong 49:14
 strongly 43:16
 strung 173:22
 student 49:6
 studies 25:5 30:3 42:24 97:23 183:24
 191:5
 study 25:15 26:6,14 30:5,7 46:22 69:16
 96:4,7 98:10 169:6
 studying 74:12
 stuff 37:25 39:8 45:17 146:24 149:19
 150:10 172:9 173:6 180:12 192:9
 subcommittee 94:16,16,21,22 98:16
 126:25 127:2 130:4 186:13
 subject 12:6,11 46:23 48:2
 submit 21:21 22:19 23:17 92:8
 submittal 48:6
 submitted 47:5 48:1,10,20 132:8
 subsequent 142:11
 subset 130:3
 substantial 132:12 187:13
 subtenants 60:14
 success 55:9
 successful 29:7,19
 suffer 36:11
 suffering 39:9,12
 suffice 156:12
 sufficient 152:4
 suggest 48:16 51:8 53:15 92:16 111:2
 136:1 178:6 185:6 189:11
 suggested 98:7 166:7
 suggestion 199:4
 suggestions 22:18 80:14,15 130:11
 suits 32:14
 summary 143:3 185:4 189:16
 sumps 58:25
 superfluous 151:21
 supervision 36:13
 support 56:8 64:3,17 125:22 129:13
 supposed 77:18 100:22 129:17,18,19,20
 129:22 130:2 142:16
 supposedly 106:8
 suppress 194:20
 sure 23:8 25:14,22 35:2 67:25 68:3,6,12
 71:22 74:19 77:12 78:8 87:12 90:8,11

91:9 101:2 111:7 112:6 128:17 143:14
 161:1 162:3 172:2 182:2,18,19 183:5
 183:25 184:6 190:22
 surface 31:16 43:7 147:12
 Surgeon 170:23
 surplus 55:24 57:2 70:15 74:22
 surprise 79:11
 surrounding 33:13 34:10
 Survey 79:24
 surveyed 153:15
 surveying 153:19
 surveys 57:20
 swift 181:10
 sworn 49:18
 sync 153:17
 synergetic 29:23
 system 3:4 5:23 61:16,21 75:21 104:14
 119:25
 systems 58:25 59:15 61:12,23 62:6 63:3,4
 63:5,10,13,18
 S-1 8:11
 S-4 21:20 22:10 46:22 48:2 91:23,24 96:7
 191:10
 S-8 48:1 98:10

T

t 90:25
 tab 6:16 7:6 9:17,23 13:3 80:17 87:5
 94:24 95:1 96:20,21 100:6,6 130:7
 tabbed 143:6
 table 73:25 137:23 138:7,10 179:6,8
 take 4:10 19:13 21:10 26:25 28:9,19
 30:18 38:22,23 39:1,1,5,13,13 43:21
 47:24 51:3 54:14,18 55:12 57:8 61:7
 63:15 64:25 67:20,20 76:7 81:20 90:6
 94:13 98:6 126:20 147:8 153:15 162:2
 163:5 164:22,23 167:19 168:12,14
 172:4,6 174:17,17 178:6 181:5 182:3,5
 185:15 188:20 198:17
 taken 34:10 66:1 94:11 132:15 143:4
 151:18
 takes 23:6 74:13 189:7
 taking 28:16 30:15 34:7 39:17 49:17,23
 62:11 65:20 66:10 67:1 74:17 97:12
 100:6,14 127:5 140:12 181:22,23
 182:19 189:22
 talk 6:16 16:6 55:25 58:12 60:11 61:10
 75:11 77:16 99:24 107:7 115:3 132:25
 142:17,20 152:3,17,21 153:18 159:2
 174:12 176:20 180:20 190:14 192:16
 193:5 197:6 198:12,23
 talked 7:17 60:22,24 62:12 79:15 95:20
 96:9 146:19 149:13 153:4,14 154:14
 156:16 163:6 190:10 193:4 195:8
 talking 30:25 31:12 34:18,19 58:24 69:8
 71:7 77:7,21 91:14 99:14 119:21
 121:12 124:10,19 140:10 150:5 153:21

156:17 159:25 165:1
 talks 10:6 30:7 54:22 151:17
 tanks 58:25 184:16
 tanya 2:6 6:5,21 7:17,21 41:6 87:14,16
 92:17 132:23
 TAPP 7:8 9:19 97:1,4 98:8 99:25 100:4
 100:10 101:11 105:9,10 106:1 107:14
 112:23,24 117:6,14,15 125:11,13,21
 129:6,6 136:3
 task 132:14 179:18
 tasking 131:13 132:9
 tasks 144:1
 tax 77:3,7,22
 taxes 51:17
 taxing 76:24
 taxpayers 39:4
 TCE 155:10
 teacher 109:24
 team 44:1,2 49:3
 technical 94:16,22 96:8 113:1,21,23
 114:6,8 129:12 130:4,9 132:25 133:10
 140:11 141:23
 technically 28:13 114:2
 techniques 149:10 156:7
 technology 24:2 26:7
 Tejada 42:11
 tell 45:10,22 54:19 79:20 94:24 102:11
 108:23 116:25 118:7 119:6 173:15
 176:14 177:12 184:17 190:1,15
 telling 31:1 103:20 109:9
 tells 95:10
 temporary 44:23
 ten 24:21 69:13 83:21 85:11 95:12,23
 114:14 146:14 181:4,6 184:2 189:7
 194:17
 tenants 57:22 59:8,10 65:7,7,18 190:20
 tend 169:20
 tendency 115:19
 ten-minute 94:8
 term 16:6,10,12,13,20 17:3 154:16
 terms 16:9,13 55:3,10 57:10 58:15 63:2
 64:21 66:15 67:12 70:18 126:3,11
 133:3 154:18,21 193:4
 test 146:13 152:2 153:22 154:6
 testimony 85:10
 testing 147:10,19 153:22
 tests 31:3
 texas 2:10 4:3 5:7 42:17 50:5 90:4,14,16
 142:1,3 163:21 200:1,5,15
 thank 5:12 6:23 8:8 12:23,24 15:18 16:2
 25:24 33:10 35:3 39:19 41:1 44:7 46:2
 48:22 52:17 54:6 66:23 71:4 74:16
 77:25 80:7 92:12 93:14 99:3 117:3
 141:7 157:17 159:11,19 165:25 166:12
 184:7,25 197:24
 Thanks 86:23 87:13
 their 12:2 16:20 17:3 30:7 34:13 39:5

<p>49:4,18,22,23,25 50:12,13 57:22 60:10 60:13 65:8 66:3,9,13,16,16,21 72:22 73:7,24 77:19 84:6,23 94:13 104:11 113:3 115:2 118:16 128:18 132:8,9 166:14 170:12 172:12 173:7 174:3 182:11 189:10,23 192:20 themselves 4:15 5:1 65:12 119:22 178:20 197:15,20 theory 120:15 thick 118:4,5,14 156:14 thing 18:17 19:22 31:7 32:18 43:2 45:10 51:6 58:9 72:16 74:15 83:19 90:12 103:10 104:5,22 109:4,7,10,12 119:4 119:22 122:17 156:9 162:2 163:22 170:10 175:5 187:24 things 35:1 38:12 58:12 59:1 68:19 73:25 84:21 96:25 99:5 124:5,11 136:22 137:21 141:16 142:16,17 146:4,21,23 146:25 147:2,4,6 149:11,18 153:6 154:2,18 155:11,17,22 158:23 163:7,14 172:25 173:24 182:25 189:1 thinking 87:18 102:23 182:2,20 186:18 thinks 39:3 119:7 124:3 185:13 third 7:4 55:22 95:8 101:7 though 72:13 116:23 118:16 131:22 thought 14:24 27:11 38:10 100:19,22,23 102:21 110:22 135:14 138:16 149:20 159:13 165:14 thousands 158:20 three 9:21 13:2 31:25 41:20 42:7 43:17 66:24 73:4 97:23 124:9 143:19 153:13 182:11 184:11 186:5 threefold 54:21 three-way 152:19 through 6:10 58:5,6 62:22 70:21 80:20 87:15 88:5 89:13 92:19,21 93:6 95:19 97:25 131:11 145:17,18,23 151:15 153:9 157:4 168:11 190:7 194:1 throughout 156:11 Thursday 86:4 115:12,13,15 116:2 166:16,16,20 Thursday's 166:15 168:6 198:24 199:2 tie 149:12 156:8 Tiedeman 96:6 till 153:25 time 6:9 7:10,23 8:3 9:1,11,12 10:6 11:10 12:22 16:9,11,19 17:5,6 18:13,19 22:13 22:15 26:25 29:24 33:17 34:4 35:12 38:22 39:3 40:17,19,25 46:13 52:1,9,18 54:4 56:9 57:17 59:24 60:1,2,3 62:14 62:17 66:6 74:1 76:23 77:21 79:14 80:8 80:10 81:21 84:5 86:19 87:11 93:20 94:2 97:5 105:3 123:22,22 124:1 128:11 132:7 143:1 153:19 154:4 155:22 159:7 166:3 168:22,23 171:21 172:20 173:13,25 178:13 180:9,13 184:10,10 185:13,16,21 190:17 192:9</p>	<p>196:9,23 times 43:20 171:20,20 180:15,19 timetable 180:13 TNRC 172:23 TNRCC 2:8 5:15 9:18 29:17 46:19 48:10 48:13,19 50:6 60:16 75:5,22 78:12 88:13 89:22 90:4,6,17 91:16 96:16 129:19 130:8 158:3 TNRCC's 92:1 today 11:25 38:22,24 59:6 64:5 71:16 84:14 today's 173:11 together 27:22 28:17 29:24 88:14 89:19 121:6 122:6 125:7 142:15 151:11,12 172:22 173:8,11 174:5 197:16 told 10:8,21 11:10 34:2 95:21 173:20 190:16 toll 34:10 38:22 tomorrow 108:14 115:10 tonight 7:9 18:25 21:23 24:16 33:19,23 51:7 77:19 78:2 85:10,18 88:2 89:10 97:12 136:1 185:20 tonight's 13:19 Tony 18:24 39:22 74:21 tool 113:11 top 56:3 148:17 155:14,15 topics 6:12 totally 150:13 152:22 touch 45:25 75:2 towards 22:6 72:17 165:8 191:15 town 34:22 55:1 108:1 toxic 5:20 45:7 toxics 45:16 TR 186:18 track 104:25 tracks 182:18 tragedy 38:25 transcription 200:7 transfer 55:23,24 57:12 58:1 61:9,12 75:25 78:23 transferred 20:21 56:14 57:3,7 58:14 62:21 67:14 77:10 79:16 170:25 transition 64:16 75:16 transitioning 75:10 transitions 60:18 62:18 translation 135:3 transport 96:10 travel 179:12 TRC 186:13,14 treat 22:7 treated 7:1 treating 71:15 treatment 22:7 trevino 174:13,14 trichloroethylene 13:5 81:20,21 tried 29:7,11 45:3 88:3 TRS 84:12 95:6 96:12 97:4 98:6,14</p>	<p>109:20 125:17 126:25 132:15 134:15 134:16 186:16,24,25 195:13,14,16,22 197:8,14 198:1 truck 190:2 truckdrivers 189:20 190:1 trucks 189:23 true 130:16 164:20 189:25 200:6 try 8:1 14:24 15:9 18:17 21:25 37:16 43:22 44:6 45:25 84:21 90:23 93:11 128:4,8,16 144:16 146:9 149:17 167:25 178:7 193:2 trying 39:6 44:4 90:11 101:19,23,24 102:22 103:1,2,6,9,17,25 104:18,20,20 110:16 111:22 122:14,22,24 123:10 124:21 125:2 155:23 171:18 173:8,9,15 173:15 183:1 tube 145:12,25 Tuesday 197:2 turn 16:5 29:17 43:10 52:19 53:20 54:4 86:19 94:17 166:3 168:18 turns 131:9 two 4:22 9:16 10:17 13:25 17:7,7 40:2 43:4,17 46:12,15 50:25 52:12 64:9 66:24 69:1,15,25 70:20,21 73:3 80:2 83:20,22 85:15 95:6 117:24 124:1,9,10 137:6 138:14 149:4 150:13 152:20 153:13,17 157:11 163:21 171:5 174:6 two-year 16:9,12 124:3 type 31:7 32:20 55:18 75:19 78:17 81:15 106:19 113:4 121:16 159:16 194:5 types 145:19 146:23 149:18 158:23 163:7 typically 54:24 65:24 128:22</p> <hr/> <p style="text-align: center;">U</p> <p>Uh-huh 78:14 112:21 ultimate 131:14 ultimately 48:17 50:12 55:23 56:22 57:3 57:22 unanimous 17:15 158:17 unbiased 106:9 121:8,17 124:20,20,22 124:22 125:8,10 uncle 170:25 unclear 150:17 uncontaminated 34:2 under 12:4,12,14 18:17 58:3,3,3,20 80:17 81:24 93:19 95:2 98:24 99:1,2,6 107:14 109:15 128:1,25,25 169:6 undergoing 62:16 underground 58:24 underlying 129:8 140:11 underneath 119:15 understand 14:22 19:5 26:16 27:9 36:21 37:2,14 38:8 76:4 93:22 97:17 103:19 103:21 104:21,21 112:4 116:18 121:2 138:1 172:5,13 180:10 187:21 191:16 196:22 198:10,10 understanding 26:1 38:7 92:17 93:25</p>
---	---	---

<p>130:3 understands 100:20 understood 76:9 102:10 179:8 188:13 Unfortunately 7:7 53:22 UNIDENTIFIED 33:12 117:5 170:8 unilaterally 132:6 unintentionally 35:10 Union 2:12 5:13 14:7 187:21 unique 129:11 unit 145:6 unite 173:10 United 20:10,13 44:25 55:15 177:14 university 43:4 97:16 119:5 142:2 196:2 unless 53:22 128:21 178:18 179:6 unlike 155:15 unrest 39:1 until 9:1 20:13 62:8,17 85:1,4 86:5 141:9 152:10 172:20 195:9 197:19 update 6:20 53:21,24 54:3 69:16 95:9,11 97:4 166:6 185:19 186:7 updates 186:9,14 187:3 upgrade 60:19 uphold 49:19 upper 43:7,7 urgent 40:23 usable 164:19 use 8:16 30:18 59:16 78:17 79:20 109:5 121:19 131:7 144:5,18 145:5 148:5,9 148:13 150:19 151:19 152:11,11,24 156:12 157:10 160:16 161:16,17 167:9 169:4 used 8:11 19:3 77:24 79:19 96:10 143:10 143:14,17 146:1,15 147:17 150:3,15 154:24 157:7 159:25 184:17 useful 113:11 157:18 193:11 using 29:10 30:13 49:15 80:15 99:6 145:7 146:7 150:12 152:18,22 160:21 161:14 162:24 utilized 46:4 U.S 2:17 55:16 156:11</p>	<p>versus 23:24 70:8 very 15:18 22:12 23:18 31:11,14,15 32:13,15 33:11,11 35:3 40:14,23 45:14 48:22 60:12,24 66:8 72:20 73:11 82:18 82:18,21 96:1 99:3 103:19 107:21 113:1,1 114:24 116:3 118:9 123:22 126:12 133:16 134:11 136:2 138:15 147:12 155:2,3 159:13,14 164:3,3 165:5,6,11,13 173:21 174:14 178:17 193:11 194:13 via 56:16 57:3 viable 58:2 Vice 4:21 view 107:23 108:9,18,18 111:23 113:16 126:18 165:9 178:1 vinyl 13:5 31:12,13 81:8,18,22,25 82:8,8 82:9,14 191:1 virtue 113:3 visualize 103:2 voice 33:25 49:14 84:23 127:3,4,8 voices 174:2 volatile 152:18 volunteers 8:21 166:13 vote 16:21 17:5,13,14,18,23 18:6,8 74:2 81:1 83:7,9 127:22,23 129:4,4 132:14 138:24 158:9,12,13,15 178:19 199:10 voted 129:3 132:15 162:1 166:8 198:18 VI 2:17</p>	<p>waste 27:1 145:8 watch 33:6 172:12 water 3:4 5:12,23 9:19 19:4,9 25:7,9,11 27:17 30:18,23 31:7 32:19 38:10 61:17 71:15 75:21,21 81:12 96:18 107:13 119:20 146:16 147:11,19 148:2,4,19 150:7 153:23 154:4,5 155:12,17,24 156:4 169:18 183:12 water's 155:19 way 24:6,7 27:1 37:23,24 50:11 55:7 58:1 67:6 68:14 74:10 79:8 82:22 93:2 99:4 103:15 111:20 112:4 120:14 130:21 132:4 137:5 145:5,11,25 156:20 156:21 182:10 184:1,2,4,6,12,24 193:10 194:16,23 ways 12:16 26:3 50:9 59:10,15 75:15 145:4 149:24 wear 31:24 32:3 171:1 wearing 32:14 37:25 web 62:10 119:25,25,25 120:4 week 93:16 98:6,13 166:9 171:20,20 195:17,19 weeks 41:20 42:7 198:15 weinstein 3:3 5:22,22 welcome 54:9 197:11 well 14:23 17:9 18:22 19:17 23:13 25:14 26:5 29:22 33:10 43:14 46:25 47:25 50:23 56:24 65:17 66:19 67:4 68:12 69:7 70:6 71:14 72:3 73:15,22 75:23 76:4,15 77:9 82:21 84:12 88:7,17,23 92:3,8 98:12 102:3,10 103:3,4,22 106:25 107:5 109:4 110:13 111:23 114:9 116:15,16 117:7,20 118:24 119:13 120:18 121:11 122:16,18 123:6 124:18 125:6 126:12 127:24 128:12 131:19 133:23 136:20 139:5,16 140:8 141:7 147:20,21,22,24 148:9,17 149:12 150:18,21 151:8 152:3,12 153:24 155:16 162:13 163:3 165:10,13 170:11 171:9 173:3 175:2 177:20 178:16 181:12 182:6 186:20 191:18 192:10 wells 14:6 19:3,6,12,20 21:5,9 22:1,9,11 22:15 25:12 27:14 31:23 72:15 95:12 95:20,23 144:6 146:13,14,15 149:18 150:5,12 151:24,25 152:2 153:5,14,19 154:9 187:20,24 well-concerned 40:10 went 31:21 36:6,10 43:16 68:19 72:14,24 80:16 100:5 123:25 140:12 142:7 150:8 151:15 161:11 were 4:7 6:21 7:11 8:19 10:21 14:8 24:19 24:19 29:7 31:3,22 33:11,21 37:23 43:14 44:16 45:4 59:2 61:13,13 77:18 80:13 95:20 107:1,21 108:24 114:19,20 127:7 137:13 138:14 142:10,16 144:1 149:13,20,21,22,25 150:4 151:11,12,13 151:14,15 153:6,13,14 154:10 156:17</p>
W		
<p style="text-align: center;">V</p> <p>vacant 174:6,9 vague 149:9 151:5 156:6 158:22 164:15 vagueness 160:6 valid 143:16 165:7 validity 65:23 valuable 32:8 value 34:14,15,16 36:5,10,24,25 49:23 50:3,12,13 115:2 163:5 values 40:3,19 49:16,22 valve 152:19 variable 152:13 variances 160:23,24 variety 75:12,15 various 47:5,7 194:17 vegetables 43:11</p>	<p>W 4:2 wait 38:24 41:6 122:18 waiting 139:13 walk 116:24 walked 116:25 wall 22:2,4,25 27:22 Walter 46:10 WALTERS 192:14 want 10:23 11:6 21:15 24:18 25:8 27:24 27:25 28:2,3 36:3 41:7 56:4 65:8 66:19 73:5 82:2,3,7 83:11,24 85:16 86:22 92:4 102:13,15,16 103:11,16 107:7 109:22 112:10 116:22 119:21 125:19 129:16 140:16,22 144:23 148:1 159:5 164:4,11 170:16,16 173:10 174:1,15 180:12,14,14,14,15,15,17,18,19,19,19 181:2,2,3,5,9,9 183:3,4,4,6,6 185:20 187:13 189:9 191:21 197:18,18 198:19 wanted 27:12 41:16 62:25 138:18 164:11 174:8,20 190:3 197:13 wanting 26:17 wants 17:9 34:17 122:5 136:10 war 44:14 washing 189:23 Washington 77:20 179:14 wasn't 13:18 121:25 133:1 139:17 153:5 163:5 170:3 171:19 176:14</p>	

<p>163:14,21,22 167:14,16 188:19 200:8 weren't 139:20 188:4 we'll 4:10,25 7:11,25 8:6,23 15:7,17 16:1 20:1 21:10 22:18,19 26:22 45:24 52:9 52:19 62:16 68:7,7 73:7,19 80:8 84:16 92:9,9 93:11 94:14 95:23 98:3,3,13 99:10 100:11 123:1 137:10 138:10 185:2 193:1,2,2 194:24,25 196:18,20 198:6 we're 18:25 21:21 38:7,13 39:11 44:5 52:1 55:20 56:7,11 57:23 58:4,24 59:6 59:6,9 60:1,6,17 62:11,11 63:24 71:1 71:14 72:16 73:17,17,21 74:2,11,15 75:13,20 80:15 82:10,18,19 83:17 87:10 95:5 97:2,5,9 99:6 101:22 103:22 104:7,14,17,18,19 110:20,20 111:22 115:3 119:4,4,21 121:18 122:19 124:10 124:12,12 126:6 127:8 128:7,7,21 136:15,23 137:5 138:1 140:23 152:24 165:1 168:20 172:21 173:8,9 175:1 179:6 182:2,2,12 183:1,1,2,21 197:21 we've 6:21 8:13 9:3 17:12 23:17 25:2,6 25:13 28:14,14 30:6 47:25 57:23 62:9 72:3 74:8 75:8 80:10 85:12 88:9 92:3 93:4,6 95:5,17 98:1 99:5 104:24 139:15 146:19,19 158:24 162:1 167:17 174:6 180:21 182:22,22,23,24 184:9 190:10 while 7:25 38:3 50:11 101:12 whole 55:6 58:7 112:15 119:21 135:7 177:1,3 178:3,4 188:14 189:4 194:14 197:6 wide 75:12 William 21:14,17 24:13 45:19,20 100:13 120:5 willing 43:24 willingness 166:14 window 184:17 wise 141:17 wish 11:20 18:15 73:9 wishes 185:18 withdrawn 14:21 withheld 11:12,13 withholding 11:14 witness 137:2 200:9 witnesses 136:22 women 42:19 wonder 42:23 45:6 190:14 wondering 135:1,5 186:23 198:12 word 154:15 words 12:6 78:18 82:8 107:18 110:5 147:1 165:15 work 8:6 25:17,20 28:18 41:18 49:3,8,11 74:25 75:22 76:6 88:13 90:3,4 96:13 97:10 113:4 116:2 131:22 133:20 134:5 140:11 141:3,13,21 142:21,23 143:7,8 143:19 144:15 146:12 150:10 153:2 154:20 156:21 163:13 172:10 173:8</p>	<p>worked 29:5 76:17 84:10 86:17 173:16 workers 31:22 32:8 143:18 working 7:21 9:10 20:4 61:21 62:16 63:18 64:24 65:4 75:20 77:22 89:13 97:5,9 166:23 171:2 173:24 workload 84:11 works 56:1 67:8 107:12 workshop 8:19 9:1 84:3 86:4,6 115:3 166:7,9,10,22 167:4 185:11,12 workshops 83:18 world 29:6 88:3 worried 114:24 115:1 192:24 worry 174:22 175:2 worse 181:11 worth 123:3,7 wouldn't 72:7 88:5 91:20 173:17 write 124:10 140:4 176:23 writing 12:18,20 15:23 21:23,24 22:19 92:4,5,7,9 160:4 written 9:13 17:21 82:22 105:12 135:3 164:9 189:15 wrong 101:22 129:13 171:22 wrongs 171:15 wrote 105:20 106:5 107:2 108:7 110:14 110:14,15 111:1 123:19,25</p> <hr/> <p style="text-align: center;">Y</p> <p>Y 168:13 yard 184:24 yeah 10:17 15:11,20 17:12 24:13 48:11 65:10 67:21 70:2 78:15 88:11,21,23 89:1,2,5,6,9 91:13,25 93:5 96:21 99:17 99:17,18 109:8 118:21 119:19 139:14 139:15 148:11,16 159:24 162:7 163:18 165:10,17,23 174:8 177:11 179:22 180:20 181:12 186:17 188:11 189:16 192:4 195:16,20 196:24 year 16:14 41:25 42:14,15,24,25 43:1,3 62:13 63:15 72:8 73:12 97:6 99:9 134:7 180:8 194:16,19,21 195:10 years 19:13,18,19 23:12 24:16,21,21 40:2,24,24 42:23 44:2,13 49:17,22 51:1 60:4 72:13,21 74:8 81:20 99:12,19 103:11 104:10 114:14 124:1,9 126:9 137:12 163:10 169:8 171:5 181:6,6,7 181:23 182:6 191:19 yesterday 10:2,4,11,13 15:1 yolanda 2:18 16:14 York 124:5 young 96:8 181:24 183:11 you-all 19:14 20:2,5 33:17 52:13 72:1,14 73:7 104:21 110:23 120:12,14,23,24 121:2,5 123:6 138:22 141:9 171:16 173:2,4 180:7,20 183:19 193:21</p> <hr/> <p style="text-align: center;">Z</p> <p>zamora 181:19,20 184:13</p>	<p>zero 182:10 zone 18:24 44:11 78:11 96:3,13 97:10 141:3,4,13 165:2 180:8 186:7 189:5,10 zones 13:16 187:3,16 zoning 76:9 zytopek 98:24 99:1,8 131:3,6 132:5,20 139:21</p> <hr/> <p style="text-align: center;">\$</p> <p>\$100,000 109:15 118:3 123:13 135:4 140:9,14 158:21 159:23 \$150 72:4 \$30 72:8 \$30,000 36:24 \$5,000 139:11 140:23 \$5,385 139:23 \$7,000 99:1,2 109:15 117:22 118:8,13</p> <hr/> <p style="text-align: center;">0</p> <p>020 152:1 040 152:2</p> <hr/> <p style="text-align: center;">1</p> <p>1 13:16 69:16 78:11 96:3 101:11 180:8 186:8 187:16 189:5 1st 195:10 10 9:23 119:11 10th 95:25 10:00 84:16 85:1,4 166:1 198:11 10:35 198:12 10:40 198:12 10:44 4:4 100 147:25 11th 186:2 200:9 12 154:3 163:10 12th 196:12,16,18 197:1 120(h) 61:5 1235 44:12 13 95:7 13th 95:16 14 96:15 14th 96:5 14-month-old 182:21 15 108:2,2 197:6 16 43:20 1842 39:23 1983 39:25 1990 42:14 1994 42:15,25 1995 57:18 1998 97:6 194:22 1999 1:11 4:1 73:10 141:20 200:10</p> <hr/> <p style="text-align: center;">2</p> <p>2 6:16 10:19 11:5 13:16 186:8 187:16 189:5 2,700 89:23,25</p>
--	--	--

RESTORATION ADVISORY BOARD MEETING

OCTOBER 5, 1999

Page 225

<p>2.5.1 154:15 2.6.1 150:6 20 90:5 181:6,23 182:6 20th 17:18 18:4 97:18 188:3 200 90:1 2000 43:1 98:5 99:15,20 195:10 2001 99:15,20 188:21 2022 180:9 2027 180:8 21st 13:17 186:6 210 200:15 217 196:8 23 8:22 2454 4:2 25 19:13,18,19 23:12 40:24 81:20 94:9 95:12,20,22 103:11 104:10 146:13 169:8 25-year 174:25 252 177:13 27th 10:18 11:4 15:22 190:10</p>	<p style="text-align: center;">8</p> <p>8 7:8 85 39:25</p>	
<p style="text-align: center;">3</p> <p>3 13:16 53:21 186:8 187:16 189:5 30 49:17,22 55:2,15 63:25 182:6 35 193:20,20 377-3027 200:15</p>		
<p style="text-align: center;">4</p> <p>4 13:16 18:24 23:24 27:20 28:12,16 53:8 80:9 96:13 97:10 141:3,4,13 165:2 186:8 187:16 189:6 40 193:20 45-minute 135:7</p>		
<p style="text-align: center;">5</p> <p>5 1:11 7:6 13:16 27:20 28:12,16 186:8 187:16 189:6 5th 4:1 8:20 5,700 90:5 5:30 86:9 166:16,19 167:20 50 57:5,6 60:4 147:25 5160 200:13</p>		
<p style="text-align: center;">6</p> <p>6 7:6 13:3 80:17 188:2 6:30 196:10 6:35 4:4 60 152:5 627 41:14</p>		
<p style="text-align: center;">7</p> <p>7 9:4 87:7 94:20 7th 8:23 166:20 167:15 7,000 98:24 120:23 70 152:5 75 144:19</p>		

FINAL PAGE

ADMINISTRATIVE RECORD

FINAL PAGE