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2 NAVAL STATION TREASURE ISLAND
3 ENVIRONMENTAL RESTORATION ADVISORY BOARD MEETING
4 21 APRIL 1998
5 7:00 P.M.
6 CASA DE LA VISTA
7 TREASURE ISLAND
8 MEETING NO. 44
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13 TRANSCRIPT OF PROCEEDINGS
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20 REPORTED BY: STEPHEN BALBONI, CSR NO. 7139

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1 COMMUNITY MEMBERS (Continued):
2 KAREN MENDELOW
3 ERNEST (MIKE) W. MICHELSEN
4 PATRICIA NELSON
5 HENRY ONGERTH
6 JACK SAVAGE
7 TI YACHT CLUB (HARLAN VAN WYE)
8 USHA VEDAGIRI
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1 ATTENDEES
2 U.S. NAVY:
3 JAMES B. SULLIVAN (BEC and Navy Co-Chair)
4 ERNIE GALANG (RPM)
5 TETRA TECH EM, INC.:
6 RICHARD KNAPP
7 REBECCA SUGERMAN
8 REGULATORY AGENCY:
9 DAVID RIST (DTSC)
10 MARTHA WALTERS (SFRA)
11 GUTIERREZ-PALMENBERG, INC. (GPI)
12 DARLENE B. BROWN
13 BARRY GUTIERREZ
14 COMMUNITY MEMBERS:
15 JOHN ALLMAN
16 CHRIS SHIRLEY
17 NATHAN BRENNAN
18 RICHARD HANSEN (Community Co-Chair)
19 PAUL HEHN
20 BRANDON MC MILLAN

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1 CO-CHAIR HANSEN: On behalf of Jim Sullivan,
2 I welcome everybody to the 44th meeting of the
3 Treasure Island RAB.
4 How many people have been members from the
5 beginning?
6 (Show of hands.)
7 CO-CHAIR HANSEN: Terrific.
8 Everybody has picked up a copy of the
9 agenda? You got it as you came in? Anybody else need
10 a copy? Does the agenda look okay?
11 The first thing on the agenda, does anybody
12 from the general public have any comments?
13 (No response.)
14 CO-CHAIR HANSEN: Anybody from the RAB wish
15 to make any comments that are of a public nature?
16 Pat?
17 MS. NELSON: I just have a comment on the
18 agenda.
19 It doesn't look like there is a discussion
20 approval of the March minutes.

4

1 CO-CHAIR HANSEN: Okay.

2 MS. WALTERS: It's right there (indicating).

3 MR. BRENNAN: 7:25.

4 MS. NELSON: I'm sorry. Normally, it's up

5 at the "welcome remarks."

6 CO-CHAIR HANSEN: As you came in, well, most

7 of you probably got them in the mail, the March

8 minutes? I think I got them yesterday, and I

9 misplaced them already.

10 But anyhow, there are extra copies of the

11 March minutes.

12 Are there still some more back there? So if

13 anybody else wants to pick up a copy, in 10 or 15

14 minutes, we will ask for your comments and corrections

15 when that time comes.

16 MS. SHIRLEY: Richard, I have a couple of

17 things.

18 First, I brought copies of that San

19 Francisco Weekly article about Hunter's Point that ran

20 last month.

5

1 It talked about the attractiveness of dirty

2 transfer to the Mayor at Hunter's Point, and there are

3 copies here for everyone.

4 CO-CHAIR HANSEN: Let me make a few comments

5 about that, and could you hold it up? It has a

6 magnificent photograph.

7 MS. SHIRLEY: It doesn't quote me, but it

8 has this great picture.

9 CO-CHAIR HANSEN: Looking very knowledgeable

10 and very penetrating.

11 MS. SHIRLEY: And then I also brought --

12 CO-CHAIR HANSEN: Excuse me. Just a second.

13 Are there enough copies for everyone?

14 MS. SHIRLEY: There are ten copies. I don't

15 know if that's enough.

16 And then I brought --

17 CO-CHAIR HANSEN: I'm not going to let you

18 leave that quite so soon.

19 What is the gist of this article, Christine,

20 because I want to make sure that that goes in the

6

1 minutes?

2 MS. SHIRLEY: It just talks about Hunter's

3 Point and why the Mayor might be interested in

4 pursuing dirty transfer.

5 That's about it.

6 CO-CHAIR HANSEN: And, Christine, do you

7 feel that that is a judicious thing, to have a dirty

8 transfer?

9 MS. SHIRLEY: I don't know if it's really

10 appropriate to talk about this during the meeting, but

11 I would be happy to talk about it later, if anyone is

12 interested.

13 CO-CHAIR HANSEN: Okay.

14 MS. SHIRLEY: And then I also brought just

15 some brief stuff about the budgets, legislative

16 budgets for the whole DoD cleanup BRAC stuff, very

17 brief.

18 And then I just wanted to make an

19 announcement that there is an institutional control

20 reference manual under review at EPA now. I found it

7

1 to be extremely interesting reading, because it

2 describes, basically, what an institutional control is

3 and what some of the hurdles are to using them to

4 protect public health by the use of D notices,

5 covenants, and various other real estate instruments.

6 So that's out for review and there is a

7 sheet here.

8 MR. HEHN: Has that been approved yet,

9 Chris?

10 MS. SHIRLEY: No.

11 I think the comment period ends in July, and

12 then the working group will go back and do something.

13 So it won't be out until the end of the summer.

14 But it's very informative reading as it

15 stands now.

16 CO-CHAIR HANSEN: David, as the EPA

17 representative, can you get us copies of that?

18 MR. RIST: That's federal EPA, right?

19 MS. SHIRLEY: Yes.

20 MR. RIST: I'm the state.

8

RAB MEETING NO. 44 - TRANSCRIPT OF PROCEEDINGS - APRIL 21, 1998

1 MS. WALTERS: I'm sure that James can do it.
 2 MS. SHIRLEY: Well, I have a copy of it, but
 3 it's quite long; it's like 60 pages, if you want to
 4 make a bunch of copies to go around.
 5 But if anyone wants one, I could get it.
 6 CO-CHAIR HANSEN: Could you take a show of
 7 hands for people who want them? I know that I want
 8 one.
 9 Henry? Good reading.
 10 MR. ONGERTH: Yes, I will have one.
 11 CO-CHAIR HANSEN: Pat, you want one, don't
 12 you?
 13 MS. NELSON: I think we already have access
 14 to that.
 15 CO-CHAIR HANSEN: Using the power that
 16 pertains to me, since I have the Chair, I have run
 17 into this matter of institutional controls at the
 18 Presidio, and it can make or break you, because one of
 19 the definitions of institutional control could be that
 20 you could put up a barbed wire fence. By definition,

9

1 that's an institutional control.
 2 I think most people in the community would
 3 not find that to be a satisfactory solution.
 4 MS. SHIRLEY: Well, one thing I learned
 5 today reading it once through, a D notice is not
 6 enforceable in a court of law. It's just a notice.
 7 And so we have to be careful if we pursue D
 8 restrictions, that we display instruments that can be
 9 enforced by law and that can be transferred to the
 10 next owner to protect future generations.
 11 But it's a pretty squishy area and, I think,
 12 it's worth reading.
 13 CO-CHAIR HANSEN: And that's out for
 14 comments right now. The EPA will put it into a final
 15 regulation sometime in July.
 16 MS. SHIRLEY: Well, I don't know exactly
 17 when.
 18 It probably won't be a regulation. It will
 19 just be a guidance or recommendation.
 20 But I have contact information in here, so

10

1 if anyone wants that, there it is.
 2 CO-CHAIR HANSEN: How many pages is that?
 3 MS. SHIRLEY: Five.
 4 CO-CHAIR HANSEN: Okay.
 5 MS. SHIRLEY: Well, it contains one piece on
 6 budgets, one piece on current trends and redevelopment
 7 of bases around the Bay Area, and then the one page on
 8 the institutional controls.
 9 CO-CHAIR HANSEN: Okay. I'm going to ask
 10 Jim to distribute that to members of the RAB.
 11 60 pages might be a little much for a lot of
 12 us to handle, but if it's only five pages, that would
 13 be good background information.
 14 Thank you.
 15 MR. GALANG: Do you want that distributed to
 16 Darlene, so it can be part of this meeting, maybe?
 17 MS. SHIRLEY: Okay.
 18 CO-CHAIR HANSEN: That would be great.
 19 MS. NELSON: Christine, did I understand you
 20 had copies if some people wanted to take one tonight?

11

1 MS. SHIRLEY: I don't have them tonight. I
 2 didn't make them.
 3 MS. NELSON: Of the summary?
 4 MS. SHIRLEY: It's not a summary.
 5 It's just a letter. It's just a cover
 6 letter that says this is out for review, that's all it
 7 is, and here are the people to contact if you want
 8 more information.
 9 CO-CHAIR HANSEN: Ernesto, let me make sure
 10 I understand how this works.
 11 You prepare the minutes and you distribute
 12 the minutes?
 13 MR. GALANG: Darlene prepares the draft
 14 minutes and Jim and I review them. They are the one
 15 that mail it to the members.
 16 CO-CHAIR HANSEN: So if you pick that up
 17 from Christine.
 18 MS. SHIRLEY: I will just give it to
 19 Darlene.
 20 CO-CHAIR HANSEN: Great.

12

1 Thank you for those comments.
2 Is there anyone else from the general public
3 who has anything they would like to enrich our meeting
4 with?
5 (No response.)
6 CO-CHAIR HANSEN: Martha, would you make
7 some comments on behalf of Annemarie, who, I guess,
8 could not make it tonight?
9 MS. WALTERS: Yes.
10 Unfortunately, Annemarie Conroy, the new
11 Executive Director of the Treasure Island Development
12 Authority of the Mayor's office, was unable to come
13 here tonight. She sends her apologies. She was
14 whisked away for an event sponsored by the Mayor.
15 That's her boss.
16 So she will, hopefully, be joining us at the
17 May RAB meeting.
18 MR. ONGERTH: We are back on schedule.
19 MS. WALTERS: Yes. Moving on.
20 CO-CHAIR HANSEN: Would you like to report

13

1 on the meeting that they had last Wednesday?
2 MR. VAN WYE: Last Wednesday's, the 15th
3 meeting?
4 CO-CHAIR HANSEN: Right.
5 MR. VAN WYE: Unfortunately, I was in Paris
6 so I couldn't get to it.
7 CO-CHAIR HANSEN: It was not in the
8 newspapers in Paris?
9 MR. VAN WYE: No. It did not make the Le
10 Figaro.
11 Did anyone go to that meeting? I would be
12 curious to know what happened there.
13 MS. NELSON: The Development Authority
14 meeting?
15 MR. VAN WYE: Yes. The Development
16 Authority meeting over at the Ferry Building on the
17 15th.
18 Did anybody attend?
19 MS. WALTERS: Yes. I attended. Pat
20 attended. There are some people here who attended.

14

1 But, now, what are you curious about?
2 MR. VAN WYE: What happened?
3 MS. WALTERS: Basically, it's more of a
4 procedural meeting more than anything.
5 There was -- I actually gave a short talk
6 about what is going on with Site 12 and the phased
7 approach that the Navy and the city and the regulators
8 have agreed upon.
9 I don't see the map that Jim was supposed to
10 be handing out to the RAB members tonight, so it makes
11 it difficult to talk about it now.
12 But we came up with a scenario, which was
13 all agreed upon, with Phases 1, 2 and 3, and it would
14 be a lot more useful and more relevant if I could have
15 a map, so, hopefully, when Jim comes back here, I can
16 have that.
17 Do you know if he has the map?
18 MS. SUGERMAN: I'm sorry. Which map was
19 that, the transfer map?
20 MS. WALTERS: No. The phased map for Site

15

1 12.
2 I talked to him earlier today. He said he
3 was going to be bringing it tonight. I didn't know he
4 was going to have this emergency.
5 CO-CHAIR HANSEN: Jim could show up any
6 time. He has a plumbing problem he has to deal with,
7 Harlan, so he will be back before the meeting ends.
8 So let's just sort of hold onto that until
9 he gets back.
10 The other aspect of that meeting, though,
11 Martha, according to the newspaper, the city has
12 tentatively hired a real estate management firm named
13 Sullivan, is that correct?
14 MS. WALTERS: No.
15 Actually, they are in negotiations
16 currently. I talked about this before, with the John
17 Stewart Management Company.
18 As I said, they are in negotiations right
19 now with them about the housing.
20 MR. VAN WYE: They are only going to be

16

1 covering housing.
2 MS. WALTERS: Exactly, not commercial.
3 There is going to be another RFP that's
4 going to be going out for commercial.
5 CO-CHAIR HANSEN: Martha, would you repeat
6 that? A plane went over, and, I think, most of us
7 missed it.
8 MS. WALTERS: The John Stewart Company is
9 managing the housing units at Treasure Island.
10 There will be an RFP out for the commercial
11 units probably within the next several months.
12 CO-CHAIR HANSEN: And according to the
13 newspaper article I read, the Mayor or the management
14 company has already targeted firemen, policemen,
15 people who are involved in the university consortium,
16 that includes UCSF, University of San Francisco, San
17 Francisco State, and I think City college, right?
18 MS. WALTERS: No, it's not City College.
19 It's the Academy of Art, also.
20 CO-CHAIR HANSEN: Academy of Art, so there

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1 are four of them.
2 MS. WALTERS: The priority placements
3 include city employees, which means fire and police,
4 and then the university housing consortium.
5 I think that actually most of the members
6 know about this. This is kind of old news.
7 CO-CHAIR HANSEN: Okay.
8 MS. WALTERS: So sorry if it's a repeat.
9 CO-CHAIR HANSEN: But it's now been in the
10 newspapers, and it's probably a step closer. The
11 newspapers indicated that people will be residents by
12 the end of the year.
13 MS. WALTERS: Maybe even sooner than that.
14 We are really looking at September as the move in
15 date.
16 CO-CHAIR HANSEN: Pat, does that cover it
17 for the most part?
18 MS. NELSON: Yes.
19 CO-CHAIR HANSEN: And then when Jim gets
20 back, maybe he can show us the maps.

18

1 The next item on the agenda, 7:25 -- how are
2 we doing? Are we up to time -- discussion of the 17
3 March meeting, minutes of the meeting.
4 Pat?
5 CO-CHAIR HANSEN: Any comments, additions,
6 corrections, notations for the 17 March meeting?
7 (No response.)
8 CO-CHAIR HANSEN: Henry, I think you're the
9 one who usually moves. Do we accept them?
10 MR. ONGERTH: I was not present at the last
11 meeting. I don't think it's appropriate.
12 CO-CHAIR HANSEN: Okay.
13 MS. NELSON: I so move.
14 CO-CHAIR HANSEN: You so move.
15 Second?
16 MR. BRENNAN: Second.
17 CO-CHAIR HANSEN: All in favor we accept the
18 minutes as drafted?
19 Anybody opposed?
20 On the basis of an overwhelming vote, the

19

1 minutes are approved.
2 Should we make that unanimous?
3 MR. VAN WYE: Rolling right along here.
4 MS. WALTERS: Good. Smooth.
5 CO-CHAIR HANSEN: Richard, I think this is
6 your part of the agenda, isn't it, the BRAC cleanup
7 process, Draft Zone 6 FOSL discussion?
8 MS. SUGERMAN: I can speak briefly to the
9 7:30 item.
10 The Zone 6 FOSL discussion was just --
11 CO-CHAIR HANSEN: I'm sorry. Could you come
12 forward?
13 MS. SUGERMAN: Sure.
14 CO-CHAIR HANSEN: The acoustics in here are
15 difficult at best, and for the benefit of the
16 reporter, we should try to direct it at him.
17 THE REPORTER: Thank you.
18 MS. SUGERMAN: The Zone 6 items on here,
19 comments are due on Friday. So I think if anyone has
20 any more comments they wanted to make in terms of the

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1 meeting now, that was why Jim put this on the agenda.
 2 Response to comments on the Zone 5 FOSL,
 3 will probably be out the middle of next week, middle
 4 to the end of next week.
 5 We did receive -- we are drafting a response
 6 to RAB comments -- we received comments from two
 7 people: One of Pat's comments was about having a map
 8 that showed ECP area types. And in the past, we have
 9 also gotten a request to show some of the constituents
 10 in groundwater.
 11 So we took a stab at making a map, and I
 12 only have five copies. So, I don't know, do you want
 13 to pass a few of those around?
 14 And, again, comments are due Friday on the
 15 Zone 5 stuff. If you have any comments on this map,
 16 we're going to try to get it in the SEBS, which will
 17 be final comments.
 18 And, again, there will be a draft of
 19 response to comments coming out next week.
 20 CO-CHAIR HANSEN: Pat, Paul, can you speak

21

1 I don't see why, when we have a presentation
 2 like this, we wind up with just five copies of a map.
 3 That seems to me to not be good staff work.
 4 MS. SUGERMAN: I'm sorry. Can I speak to
 5 that?
 6 MR. ONGERTH: Pardon?
 7 MS. SUGERMAN: It's a draft map that's very
 8 much in the works, and especially because there will
 9 be a copy of it in the SEBS. It has color contours on
 10 it.
 11 I asked Jim if he could just make a few
 12 copies. He suggested two to give to the technical
 13 subcommittee, and I had a few extras for people to
 14 pass around.
 15 Theoretically, it could be xeroxed and the
 16 contours might show up.
 17 That's the only answer I would have for that
 18 right now.
 19 MS. NELSON: I guess I'm confused. When did
 20 you need comments on this (indicating)?

23

1 on behalf of the technical committee, subcommittee?
 2 MS. NELSON: I guess.
 3 Did you want some discussion on the Draft
 4 Zone 6 FOSL?
 5 CO-CHAIR HANSEN: Yes.
 6 MS. NELSON: Well, speaking for myself, I
 7 haven't completed the review of Zone 6, although it
 8 focuses, really, on the Yerba Buena Island.
 9 And beyond that, I'm not prepared to.
 10 CO-CHAIR HANSEN: Paul, do you have anything
 11 to add?
 12 MR. HEHN: I wasn't at the last interim
 13 meeting, so I can't add anything to that. I'm sorry.
 14 CO-CHAIR HANSEN: John? Do you want to
 15 speak to that at all?
 16 MR. ALLMAN: No.
 17 CO-CHAIR HANSEN: Are we out of this clean,
 18 then? There are no comments to be entered?
 19 MR. ONGERTH: Yes, I have a comment.
 20 Unfortunately, it's a criticism.

22

1 MS. SUGERMAN: That will go in the Zone 5
 2 SEBS.
 3 MS. NELSON: Right.
 4 MS. SUGERMAN: So comments on Zone 5 are due
 5 at the end of the week. We could give you an extra
 6 week if that helps.
 7 MS. NELSON: I think the Zone 6 comments are
 8 due at the end of the week.
 9 MS. SUGERMAN: Oh, sorry.
 10 MS. NELSON: Zone 5 comments were due at the
 11 end of the week in which the last RAB meeting was
 12 held.
 13 MS. SUGERMAN: The response to Zone 5
 14 comments will be at the end of next week.
 15 So you will receive a copy of the draft
 16 response to comments, and then, I think, there are
 17 seven days to respond to those.
 18 So all in all, it comes to about ten days.
 19 MS. NELSON: Okay. Thanks.
 20 CO-CHAIR HANSEN: Is there anyone else

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1 besides Henry who would like to see a color version of
2 this so we can make more meaningful comments?
3 (No response.)
4 CO-CHAIR HANSEN: Anyone else?
5 MR. ALLMAN: Now, this is different than
6 Zone 6.
7 MS. NELSON: This is different than Zone 6.
8 Zone 5 and 6 have been put in the same
9 discussion.
10 MR. ALLMAN: Okay, because I'm getting
11 confused.
12 MS. NELSON: This is Zone 5 and something
13 prepared in response to my comments; although there
14 were other comments I had made that went beyond the
15 preparation of the graphic.
16 But, as I understand it, they would like
17 comments on this drawing, hopefully, by the end of
18 this week.
19 MS. SUGERMAN: And at the end of next week.
20 MS. NELSON: And at the end of next week is

25

1 fine.
2 MS. SUGERMAN: Yes.
3 MR. ALLMAN: I'm kind of concerned about
4 these blips that run off here into the bay
5 (indicating).
6 MS. SUGERMAN: As I said, it's a draft map.
7 Richard, would you like to speak to that?
8 MR. KNAPP: Yes.
9 I think there may be a misconception that
10 those represent plumes.
11 What it is is to have the most far reaching
12 extent that you could have any sort of detection.
13 So, for example, there is the nondetect
14 line. However, there may be nondetects within that
15 boundary. You may have small, diffuse plumes, for
16 example, the Site 12, one large plume like appearing
17 on the map. It's just representing the set, if you
18 will, of those areas where there were detects, at
19 least in some portions for TPH.
20 MR. ALLMAN: Yes. I think the confusion

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1 arose from the head of the legend that says "Plume
2 Lines." That kind of implies that it's a plume line.
3 MS. MENDELOW: What's the difference between
4 purgibles and extractibles?
5 MR. KNAPP: Purgibles are what you might
6 associate with gasoline for car engines, that sort of
7 thing. They will pretty well have some detect --
8 benzene, toluene, ethylbenzene and xylene.
9 Extractibles are more like diesel fuel and
10 motor oil, those heavier fuel compounds, less
11 aromatics, what we call straight chain type
12 hydrocarbons that are nonvolatile.
13 So, really, TI, it's probably mostly diesel
14 and motor oil. Both of those would be extractibles.
15 MS. MENDELOW: Thank you.
16 MR. HEHN: And these lines indicate
17 everything that's outside or that's less or greater
18 than nondetect inside those contours?
19 MR. KNAPP: Effectively.
20 There is some generalization to it, but,

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1 yes, that's the extent.
2 MR. HEHN: I might suggest that you might
3 want to explain that in the legend, if that's what
4 that indicates, that those are things that are greater
5 than the detection limit.
6 CO-CHAIR HANSEN: The way it stands right
7 now, I think you said you would extend the deadline,
8 Richard, until a week past the 24th of April, which
9 would make it the 1st of May, give or take one or two
10 days; is that right?
11 MR. KNAPP: Sorry. I missed the first part
12 of your statement.
13 CO-CHAIR HANSEN: I think the lady who
14 prepared the maps said that she could extend the
15 deadlines for a week beyond the 24th of April.
16 MR. KNAPP: Right.
17 CO-CHAIR HANSEN: And could we ask, that
18 since there seems to be a latent interest in this that
19 is not quite satisfied, if you could send a map out to
20 everybody on the RAB so that they could take a look at

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1 it; is that possible?
2 MS. SUGERMAN: I would actually say that --
3 well, I don't know how much power I could say -- but I
4 would say no.
5 Basically, the map represents the proposed
6 environmental condition of the properties. They are
7 not going to change. That's really what this map is
8 supposed to represent.
9 And in an effort to show how adjacent
10 properties may be affected, put the lines on them.
11 They are not going to change.
12 So I can add some of the notes that have
13 been recommended, and I would like to address any
14 comments that come and xerox it and fax it to anybody.
15 I think it would still represent what you need to
16 know.
17 MS. NELSON: Well, I'm curious: Was this
18 prepared in response to one of my comments, because my
19 comments were more far reaching than this?
20 MS. SUGERMAN: To one of your comments.

29

1 As I said, the draft response to comments
2 will be out next week.
3 MS. NELSON: So there will be additional
4 graphics that will be prepared?
5 MS. SUGERMAN: Well, I can't promise that,
6 no.
7 MS. NELSON: Because one of my comments was
8 to define the various FOSLs, zones on the map, as I
9 recall, and also map out plumes emanating not only
10 from the IR sites, but the CAP sites as well,
11 including the IR sites that had been put in to the CAP
12 program, because many of the parcels in the Zone 5 are
13 adjacent to those sites.
14 It was very difficult to tell from the text
15 of the Zone 5 FOSL just the extent of the
16 environmental impact of those properties that are
17 parcels that comprise Zone 5.
18 MS. SUGERMAN: This actually includes the
19 CAP sites -- Sites 14, 22, Site 6. They are all
20 represented.

30

1 I was trying to overlay the reuse zones on
2 top of this, and it got extremely messy.
3 I can try and work out something so at least
4 the parcels that are included in Zone 5 are bolded or
5 something.
6 I will certainly work on that, and, again,
7 any comments you want to get to me.
8 MS. NELSON: Sure.
9 MR. HEHN: You say this includes all the CAP
10 sites, too, on Treasure Island?
11 MS. SUGERMAN: That's my understanding.
12 Looking at it, it looks like 14, 22, 6, 9.
13 MR. KNAPP: Yes.
14 On the northeastern part of the island
15 there, you can see the 14, 22 area -- that's the CAP
16 sites -- Site 25, down on the south part of the
17 island, et cetera.
18 So we haven't restricted it to just the IR
19 sites.
20 MS. NELSON: We will happily review this.

31

1 CO-CHAIR HANSEN: It's clear you wetted our
2 appetites.
3 Pat, would you speak for you and Paul?
4 MS. NELSON: Well, maybe Paul could speak
5 for Paul. I think I've spoken for Pat.
6 CO-CHAIR HANSEN: Paul, do you want to speak
7 for Paul?
8 MR. HEHN: I personally have to go back and
9 look at some of those, look at all the CAP sites,
10 particularly some of the former USTs and things.
11 I understand that you are talking about the
12 sites that were identified in the recent CAP report,
13 but there are other sites there that really, I mean,
14 if you're trying to identify all the potential
15 hydrocarbon sites, et cetera, that does not include
16 them all, particularly the ones that are down here in
17 this area, for instance.
18 So we have to use some qualifiers there.
19 Maybe you want to do that that's based on the current
20 IR report and possibly the CAP report.

32

1 MS. SUGERMAN: Okay. That's a great
2 comment. That's well noted.
3 MR. HEHN: It's not totally inclusive is
4 what I'm saying.
5 MS. SUGERMAN: Yes. It doesn't include the
6 UST sites that are being investigated separately
7 there.
8 I understand what you're saying. I will
9 note that.
10 MR. HEHN: And probably not the fuel lines
11 either, I guess.
12 They are currently under investigation,
13 right?
14 MS. SUGERMAN: Right.
15 MR. ALLMAN: Basically, if you tried to
16 overlay all that on here and it got too messy, maybe
17 there is a reason for it to be overlaid.
18 MR. HEHN: Only one map.
19 CO-CHAIR HANSEN: Okay. Shall we bring this
20 to a closure?

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1 It's my understanding that the comments can
2 still be accepted one week after the 24th, so it's a
3 week after this coming Friday.
4 Ernesto, could you try and get copies of
5 this out to everybody?
6 MS. SUGERMAN: How about if I get a list of
7 whoever needs a copy and I'll do it?
8 MS. NELSON: Well, not all of us are
9 represented here tonight, so it's probably safer to
10 send it out to all the RAB members, because there is
11 interest beyond those attending tonight.
12 CO-CHAIR HANSEN: There are not that many of
13 us.
14 If you send out 20 -- yes, send it to
15 everybody, okay?
16 MR. ALLMAN: With an explanation of what it
17 means.
18 So it's my understanding that we are
19 extending the time period, not only on the Zone 6, but
20 Zone 5, is that it, because this is all Zone 5, right

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1 (indicating)?
2 MS. NELSON: Well, the response to comments
3 on the draft Zone 5.
4 MS. MENDELOW: This is more than Zone 5,
5 isn't it?
6 MS. NELSON: This represents a response to a
7 comment.
8 MR. ALLMAN: Right.
9 MS. SUGERMAN: This doesn't represent the
10 response to comments.
11 This is because there is a RAB meeting and a
12 great opportunity to bring the map in for comments,
13 and that's why this is here.
14 The comments are being responded to and
15 there will be a draft of that next week.
16 Zone 5 is on a very tight schedule, and all
17 these FOSLs have been.
18 So rather than extending the comment period,
19 I'm just saying this map is going to be in the SEBS,
20 and I would love to hear any comments you have on it.

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1 It's going to be in SEBS, whatever form, and
2 whatever comments we receive the next week, we will
3 address it the best we can.
4 MS. NELSON: So this is something that
5 responds to a comment that you would like feedback on.
6 The other responses to comments you don't
7 want feedback on because they are not here for us to
8 comment on tonight; is that right?
9 MS. SUGERMAN: I didn't follow that.
10 This responds to a comment. So if you have
11 a comment, I would love to get comments on that.
12 That's all it is for. Perhaps the rest of it will
13 become clear later.
14 MR. HEHN: I would suggest, John, that if
15 they are looking for comments on this map, and the
16 response to the comments, if you could comment on that
17 response to the comments on the map, and put that in
18 writing, too, and ask that it to be submitted and
19 included in the record.
20 MR. ALLMAN: I just want a clarification.

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1 The extension of the week from the 24th is
 2 for Zone 6, I believe.
 3 MR. HEHN: Yes.
 4 MR. ALLMAN: That's the deadline.
 5 MS. WALTERS: A real quick question:
 6 Did you bring a map of all the FOSL zones
 7 tonight for everybody?
 8 MS. SUGERMAN: Yes.
 9 MS. WALTERS: Could we pass it out for
 10 everybody?
 11 MS. SUGERMAN: It's huge.
 12 MS. WALTERS: I didn't know it was so big.
 13 MS. NELSON: John, I think that there is a
 14 deadline this Friday for Zone 6.
 15 The deadline for Zone 5 is the 1st of May.
 16 MR. ALLMAN: Oh, it is?
 17 MS. NELSON: This response to comments you
 18 will get next week.
 19 CO-CHAIR HANSEN: The Chair recognizes that
 20 this is a matter of some considerable interest. I

1 think the meeting has sort of broken down.
 2 Richard, I'm going to put the burden on you:
 3 Would you give us a summary on where we stand?
 4 MR. KNAPP: On deadlines for comments on
 5 FOSLs?
 6 CO-CHAIR HANSEN: Right.
 7 MS. SUGERMAN: I'm sorry. I missed the
 8 question.
 9 CO-CHAIR HANSEN: We're going to let Richard
 10 address it so that when we leave here, we all know
 11 where we stand on this.
 12 MS. WALTERS: Actually, I think he's
 13 deferring it to Rebecca. Rebecca is the project
 14 manager for that.
 15 CO-CHAIR HANSEN: Rebecca, in three
 16 sentences, tell us exactly where we stand.
 17 MR. VAN WYE: Deadline for comments.
 18 MS. SUGERMAN: Response to Zone 6 -- I'm
 19 sorry -- comments on Zone 6 are due at the end of the
 20 week.

1 MS. NELSON: That's the 24th.
 2 MS. SUGERMAN: Right, the 24th. That's it.
 3 Response to Zone 5 comments have already
 4 been submitted. They are in. Zone 5 is done, unless
 5 you have comments on this map.
 6 MS. NELSON: But you need comments by the
 7 1st of May or would like it the 1st of May?
 8 MS. SUGERMAN: Yes, please.
 9 MS. NELSON: You see, I'm very simple. I
 10 got confused because the response to comments for Zone
 11 5 are due out mid next week.
 12 It's very peculiar that you have a response
 13 that you would like feedback on in advance, if
 14 possible, but maybe not together with any feedback on
 15 the responses you send next week.
 16 MS. SUGERMAN: My understanding is that the
 17 RAB might be a good time to have a general discussion
 18 about the map. I guess I should have just sent it
 19 out.
 20 MS. NELSON: Was there a reason that this

1 was selected from all the responses that might be in
 2 preparation for discussion at tonight's meeting?
 3 MS. SUGERMAN: No.
 4 CO-CHAIR HANSEN: Okay. Let's go on.
 5 Next agenda item, and, again, Richard, I
 6 need help on this: Agenda item for 7:45 has to do
 7 with the new operable unit/fast track of Site 12
 8 housing for leasing.
 9 Jim is not back. He put the minutes
 10 together on that.
 11 Ernesto, can you or Richard carry this part
 12 of the discussion?
 13 And come up here for the benefit of the
 14 recorder, because it's really hard for him to pick
 15 this up.
 16 MR. GALANG: Yes.
 17 You all know Site 12 is where the housing
 18 units are, and I understand that Annemarie Conroy of
 19 Treasure Island had a meeting with our Captain, and,
 20 then, all of a sudden, now we are in a fast tracking

1 Site 12 because of the request for the housing.
 2 On April 9th, management had a meeting.
 3 They were asking how many units we can sort of give to
 4 the CD today, because that's what John Stewart was
 5 asking.
 6 And then we have a problem with the TPH
 7 screening levels. It's not been set. So we were
 8 saying, it will be a little bit delayed on the part of
 9 the final RI.
 10 So the BCT, at the April 6th meeting,
 11 decided to put it in a separate operable unit, and so
 12 it will have a separate schedule.
 13 And then whatever schedule we can use is
 14 based on all the ongoing meetings with the CD and the
 15 regulators, and we will give it that high priority.
 16 So that's why Site 12 is high priority right
 17 now, and the budget request is a priority, as far as
 18 management is concerned.
 19 MS. NELSON: Is there a written agreement
 20 between the regulatory agencies and the military Navy

1 to create this operable unit?
 2 MR. GALANG: No, but it will be in the April
 3 6th BCT meeting minutes.
 4 CO-CHAIR HANSEN: And when will those
 5 minutes come out?
 6 MR. GALANG: Richard brought the final
 7 today, so tomorrow. I will have it tomorrow for all
 8 the members.
 9 CO-CHAIR HANSEN: Is that agreeable or shall
 10 we pursue that at this meeting?
 11 What Ernesto is telling us, we will have a
 12 full report on that in the mail by the end of the
 13 week.
 14 MR. GALANG: Yes.
 15 As far as Site 12, also, I think Martha has
 16 a lot more information as far as the Site 12 request.
 17 That's John Stewart's request.
 18 Can you give us some background on that,
 19 too?
 20 MS. WALTERS: I'm not sure what you mean by

1 "background."
 2 What I already said before is that we have
 3 divided Site 12 into three different phases in terms
 4 of when the movement can occur, and, also, can occur
 5 in terms of the cleanup, when the timing of the
 6 cleanup will be completed by the Navy.
 7 That is a lot dependent upon the Navy coming
 8 to terms with the regulators about the TPH screening
 9 and cleanup levels.
 10 MR. ALLMAN: But I thought the decision
 11 wasn't made about cleaning it up until after the RI
 12 process was completed?
 13 So how do we know what will be cleaned up to
 14 know what phases to clear first?
 15 My understanding was, about eight months
 16 ago, there was a fast track on Site 12 and then it was
 17 slowed down.
 18 We thought, okay, people are looking at it
 19 carefully, seeing what the risks are at the site and
 20 what the problems are down the road.

1 And then all of a sudden, between last month
 2 and this month, it's on a fast track again.
 3 MS. WALTERS: No. It's always been on a
 4 fast track. It's always been on a fast track. Maybe
 5 that's your perception.
 6 (Co-Chair Sullivan enters room.)
 7 MR. ALLMAN: I mean, my understanding, now
 8 they are talking this September. That's five months
 9 away.
 10 Last month, I thought it was longer while
 11 all the investigation is going on.
 12 Am I right to say that we don't know what
 13 levels, what has to be cleaned up to what level and
 14 how it has to be cleaned up yet at Site 12?
 15 MS. WALTERS: I'm not sure about what
 16 chemicals of concern you're looking at.
 17 CO-CHAIR HANSEN: Let's hold it just at that
 18 point.
 19 I think we are all delighted that Jim
 20 Sullivan has now gotten back, and you were successful,

1 Jim?
2 CO-CHAIR SULLIVAN: Everything is fine.
3 (Applause.)
4 CO-CHAIR HANSEN: We welcome Jim back.
5 And you have a hot potato, Jim. We are at
6 7:45, and you were going to tell us about the new
7 operable unit/fast track of Site 12 housing for
8 leasing.
9 MR. HEHN: Ernie, some comments. I want to
10 get more feedback, and maybe give Jim a chance to come
11 up to speed.
12 As to putting that into a separate operable
13 unit, then, this being proposed that that will be in
14 the timing of that particular additional
15 investigation, if it's needed, or the remediation of
16 that site would be moved ahead of some of the other
17 sites in order to try to release some of that housing
18 faster. That's including those areas that you
19 delineated that may have higher soil or groundwater
20 impact right now, other than the ones you talked about

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1 earlier.
2 MS. WALTERS: And that's why we're having a
3 phased approach.
4 Phase 1 -- Jim, do you have the map?
5 CO-CHAIR SULLIVAN: Yes, I do.
6 MS. WALTERS: Can you pass it around? It's
7 much easier if you visually look at it.
8 (Map passed around.)
9 MS. NELSON: And I guess what I'm getting
10 is, we would like some discussion on just what the
11 process is to complete the IR and the FOSL for Zone 4
12 and Site 12.
13 CO-CHAIR SULLIVAN: Okay.
14 MS. WALTERS: Do you want to address that?
15 CO-CHAIR SULLIVAN: Yes.
16 Well, first, as far as the decision to make
17 Site 12 a separate operable unit, it really does two
18 things:
19 One, it allows us to move the documents,
20 move the investigation and documents ahead on that

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1 site independent of any other site.
2 And, actually, we are somewhat, TI has been
3 somewhat different than most other cleanup sites, in
4 that we have had all of our onshore sites in one giant
5 operable unit. It's much more common to have multiple
6 operable units on a site this size.
7 So, one, it allows us to focus on Site 12
8 for the documents for it to move independently.
9 On one hand, we need to focus our
10 investigation on Site 12, and so that might mean that
11 the completion of some of the documentation may be a
12 little ahead or a little behind from the rest of the
13 operable units.
14 But the ultimate goal, regardless of whether
15 some of our immediate documentation milestones might
16 be a little behind the rest of the units, would be to
17 speed up the overall completion of the site.
18 I think the regulators and the city are in
19 agreement that this is the best thing we can do for
20 this site, is to make it a separate operable unit.

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1 MR. HEHN: Can you address how these
2 particular areas were assigned, or as to which ones
3 will be Areas 1, 2, 3?
4 CO-CHAIR SULLIVAN: Yes.
5 Well, it's primarily based on TPH, so we
6 have taken the Phase I, Phase II data, plus the
7 additional data set from our fall investigation, for
8 which we got the validated data set a couple of weeks
9 ago, which, I think, the technical committee received
10 a copy.
11 So we have incorporated a complete data set
12 onto a map and looked at the TPH, looked at
13 predominantly the TPH in soil and in groundwater.
14 What our analysis shows is that TPH in soil
15 is, we are getting concentrations of TPH in soil
16 across various areas of the base.
17 But the TPH in groundwater is really limited
18 to about three distinct areas, three to four distinct
19 areas.
20 And so just talking for the moment on TPH,

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1 the TPH screens out as a human health risk, but it's a
2 potential health risk to the bay.
3 So in looking at the potential impact of the
4 site to the bay, the pathway is the groundwater. The
5 soil may be impacting the groundwater, but,
6 ultimately, it's the groundwater that might come in
7 contact with the bay.

8 So we started to then look much more closely
9 at the groundwater to see, well, you know, well, one,
10 depending on the distance of the sites from the
11 shoreline, we have established a tidal influence zone
12 of approximately 200 to 250 feet. That's just the
13 tidal influence. What the actual mixing is, zone of
14 influence, or zone of mixing, might actually be less
15 than the tidal influence. We wouldn't expect it to be
16 greater than the tidal influence.

17 And when you look on this map, actually, I
18 was even surprised in just scaling it out. 250 feet
19 scales out fairly thin compared to the 70-plus acre
20 size of the site.

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1 So where we are at now is in taking up a
2 close look at the groundwater data and making
3 inferences as to what impact it might have or could
4 have on the bay.
5 In some of our wells, we have been getting
6 higher concentrations of TPH down gradient, between
7 that well and the bay where we might have another
8 sampling point; and, in some cases, we are getting
9 very small concentrations.
10 This leads us to making some application of
11 the Lawrence Livermore study in trying to look at,
12 what is a potential plume in the groundwater or some
13 concentration in the groundwater, and what's happening
14 in the groundwater around it, especially between that
15 point and the bay? Is it moving?

16 And then looking at the data over time, over
17 a quarterly sampling period, is the concentration
18 decreasing?

19 MR. ALLMAN: Now, the Livermore site doesn't
20 directly apply to brackish water, and all those

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1 studies were done in fresh water.

2 And there was never -- in fact, that's been
3 a problem with a lot of Berkeley soils. They haven't
4 been bioattenuating because they are so close to the
5 bay. It's because of the brackish water.

6 So if you see evidence of it falling, then
7 you have to determine, is that from bioattenuation or
8 is that just because it's moving to different areas?

9 CO-CHAIR SULLIVAN: But we had quite a
10 number of wells, groundwater sampling points on this
11 site.

12 So we can make some inference as to the
13 potential movement by looking at the distribution of
14 the concentrations that we have.

15 And, interestingly, in many cases where we
16 have a higher concentration, many of the samples,
17 groundwater samples around it are lower.

18 MS. SHIRLEY: A question for David.

19 Do you know if there is a -- what am I
20 trying to say -- a particular constituent that

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1 indicates biological activity, or is it just, you just
2 do it by the computation?

3 MR. RIST: From TPH?

4 MS. SHIRLEY: Yes, from TPH.

5 Or is there some kind of fingerprint? How
6 do you know if it's just dispersing or if it's
7 actually breaking down?

8 MR. RIST: Do you want to answer that,
9 Richard?

10 MR. ALLMAN: Can't you look for the things
11 the bacteria produce when they eat the fuel, nitrates
12 or something?

13 MS. SHIRLEY: Yes.

14 MR. HEHN: There are certain parameters you
15 can test for, nitrates, phosphates, orthophosphates,
16 iron sulfates.

17 MR. KNAPP: Look at nitrate, look at
18 sulfate, and on down the line. You see the various
19 products the bugs are eating.

20 MR. ALLMAN: Is that being looked for in the

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1 groundwater data?
2 MR. GALANG: That's being proposed for next
3 month's groundwater monitoring. We are including
4 that.

5 That's why we are negotiating with Tetrattech
6 to include that in this next round of sampling.

7 MS. SHIRLEY: Okay.

8 MR. ALLMAN: That means it will be a minimum
9 of six months before we know anything, because you
10 will need two sets of quarterly data to see if the
11 amounts are going up; right?

12 MR. GALANG: You have to do it twice, yes.

13 MR. KNAPP: We will do it twice.

14 We already have some measurements just
15 because we routinely collected them when we have done
16 monitoring.

17 But this will be a more complete sweep. We
18 feel we are addressing a lot of key wells, analyzing
19 these parameters, some data from the May sampling, and
20 then the annual sampling is the biggest event where we

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1 sample every well. We will be running it on those
2 samples as well.

3 MR. HEHN: The other thing I think we were
4 talking about at some point was doing dissolved oxygen
5 down well on those particular water samples. That's
6 going to be done also?

7 MR. KNAPP: Yes. We will be looking at
8 oxidated iron as well.

9 MS. VEDAGIRI: But am I right? My
10 understanding is that when you monitor for DO,
11 sulfate, nitrate, all of that, those are the
12 electronic septors, and then you're looking for DO?

13 What it does is, it establishes the
14 conditions that exist for bioattenuation. It's not
15 the same as actually tracking degradation products
16 that show that the bioattenuation is actually
17 occurring.

18 MR. HEHN: Yes.

19 MS. VEDAGIRI: So the monitoring that you
20 are going to be doing is going to show whether the

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1 conditions support bioremediation.

2 MR. KNAPP: We are talking about looking at
3 several things, kind of a natural sequence of
4 breakdown products from biological activity.

5 MS. VEDAGIRI: Oh, you are doing breakdowns?
6 Okay.

7 MR. ALLMAN: But at some point, if you find
8 out that bioattenuation is not occurring, because of
9 the salinity or the lack of oxygen or nutrients or
10 something, then, at that point, you may have to do
11 more aggressive remediation at Site 12, and that's
12 going to be part of the FOSL that will -- they will
13 have to evict everybody and put AstroTurf?

14 CO-CHAIR SULLIVAN: No.

15 Just to explain this drawing: One, what I
16 didn't do, what I should have done is identify the
17 boundary of Site 12.

18 So one point is, there are 904 units of
19 housing there. Not all of it is in Site 12. In fact,
20 about approximately 1/3 is outside of Site 12. So

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1 that is immediately out of the CERCLA site.

2 Then we took a look at areas where there was
3 no groundwater concentrations, significant groundwater
4 concentrations or significant soil concentrations,
5 except when there might be just a rare near surface
6 hit, which might be some indication of more recent
7 activity where you see something that's spotted near
8 surface but not seeing at depth. It could be, for
9 example, somebody might be working on their car.

10 So, at any rate, we created this area for
11 group one, which are areas which, because of the
12 absence of concentrations in groundwater and the low
13 levels of TPH in soil, we had a strong feeling that no
14 remedial action would be required.

15 So one is really a combination of the areas
16 outside of Site 12, plus those areas within Site 12
17 where we do not expect to do remedial action.

18 Then that left the other two areas. Area 2
19 is an area where there was no significant groundwater
20 concentration, but there were higher soil

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1 concentrations, plus areas where it's in closer
2 contact to the bay; because even though the
3 groundwater concentrations might be low, the soil is
4 still there on the bay, and, possibly, could have some
5 impact.

6 So that would be an area that might require
7 some remedial action, but because it didn't involve
8 groundwater, could involve material removal, soil
9 removal, on a more expedited basis, and then that left
10 group 3, which are areas where we had higher
11 concentrations in groundwater.

12 The supposition there was that some remedial
13 action may be required which might involve both source
14 removal of soil and groundwater treatment, and that
15 that would probably take longer to do than just source
16 removal of soil in the group 2 area.

17 So it was kind of a hierarchy, 1, 2, 3.

18 MS. NELSON: Jim, I didn't hear you say
19 earlier that the data set considered when developing
20 these zones included the Geomatrix data.

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1 CO-CHAIR SULLIVAN: Well, the Geomatrix data
2 focused on areas where they felt that there were data
3 gaps, and the areas that were actually tested through
4 the city were pesticides and dioxins.

5 The pesticide -- and correct me if I get
6 this wrong -- but the pesticide data came out
7 basically nondetect, or extremely low, consistent with
8 what we have seen in other areas of the site. They
9 sampled at near surface where our samples had been
10 more at depth.

11 MR. KNAPP: Actually, we took them in
12 different depths. For example, the same boring, you
13 might have a shallow, medium and a little deeper.

14 CO-CHAIR SULLIVAN: So they took a larger
15 array of samples for pesticides than we had originally
16 done to make sure that there wasn't a data gap there.

17 The fact that they basically got nondetects
18 is an indication that it was consistent with our
19 original data for pesticides, and, therefore, we don't
20 believe pesticides is an issue on this site.

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1 The other sampling they did was for dioxins.
2 We had also taken some samples for dioxins. They
3 recommended taking some additional samples, which they
4 did in some of the same locations, both in some of the
5 same locations that we did, or close to the locations
6 that we did, and also some other locations where they
7 felt some additional sites should be sampled.

8 The data for that, we're currently
9 evaluating. In fact, we are preparing a memo for the
10 regulatory agencies.

11 Because it will go out as an official
12 document, we will also forward it to the RAB. It will
13 probably go out in the next day or so.

14 The dioxin results, we haven't completed our
15 memo yet, so this is speaking somewhat in an
16 unfinished manner. But it was higher, the background,
17 and we have taken a look at, we've run a health risk
18 assessment. It looks like it's going to screen out in
19 the health risk assessment. We are probably going to
20 need to have further discussion with the regulators

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1 and the city as to whether or not the sample set may
2 be large enough.

3 So, in short, for dioxins, we are getting
4 some hits above PRGs and various reference points, but
5 in running it through the risk calculations, it still
6 screens, it still falls within the risk range of 10 to
7 the minus 4 to 10 to the minus 6.

8 MS. VEDAGIRI: Are they still doing the risk
9 calculations where, if it's occurring at depths below
10 two feet, they don't even include it?

11 CO-CHAIR SULLIVAN: Well, there are several
12 scenarios.

13 MR. KNAPP: We are doing it for all soils,
14 surface soils, similar to what we have done before.

15 In other words, we are looking at the
16 resulting risk, considering all the samples.

17 MS. NELSON: All samples including the
18 Geomatrix samples?

19 MR. KNAPP: Not including Geomatrix.

20 MS. NELSON: Not including the Geomatrix

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1 samples?
 2 Why is that?
 3 MR. KNAPP: We have done a PRG screen on the
 4 samples from Geomatrix, but we haven't included them
 5 in the risk assessment.
 6 MR. ALLMAN: Is there a reason you won't?
 7 CO-CHAIR SULLIVAN: We may. That's still
 8 kind of an issue.
 9 We are looking at it as another data set.
 10 Whether or not it gets incorporated into our complete
 11 data set, I mean, we are still evaluating it as
 12 another data set.
 13 I think it gets into some questions of DQOs
 14 and other issues, but we are taking the data and we
 15 are evaluating it.
 16 MS. NELSON: When Paul and I met with the
 17 regulators in the city back in March, I think April
 18 21st had been identified as the date that Geomatrix,
 19 QA/QC, or the QA/QC and some technical memo of the
 20 whole data set for Site 12 would be available; is that

1 available? And will a technical memo be distributed
 2 that would update the information in the Zone 4 FOSL
 3 and the IR Site 12?
 4 Because, I think, speaking for myself as a
 5 RAB member, I think this is a very logical way to go
 6 about leasing the housing in Zone 12, and I support
 7 it.
 8 However, I really think the data from which
 9 these decisions had been made need to be documented in
 10 either a technical memorandum or a Zone 4 FOSL, if not
 11 for the agencies and the city and the military, but
 12 for the management company that will be managing the
 13 leasing.
 14 And I think to be a responsible RAB member,
 15 I would like to review it in the complete data set --
 16 Phase I, Phase 2, the fall of '97, the Geomatrix -- to
 17 get a complete picture.
 18 And just where the data points are in these
 19 various zones, I can pretty well visualize it, but the
 20 one site that I think is within Zone 4 is Site 20,

1 and, you know, then I would like to know how that fits
 2 into the big picture here.
 3 I could probably figure that out had I not
 4 returned my box of documents to you, Jim.
 5 But, at any rate, I think that would be
 6 prudent to address as well.
 7 CO-CHAIR SULLIVAN: Yes.
 8 We discussed the issue of the new operable
 9 unit and how we would handle it at the last RPM/BCT
 10 meeting on the 6th.
 11 What we felt was best was to, rather than go
 12 through the step of an interim technical memo, to push
 13 ahead with issuing a remedial investigation report for
 14 the Site 12 operable unit.
 15 But your point is well-taken about having a
 16 document that validates the steps that we are taking,
 17 and we were discussing it internally.
 18 I haven't had a chance to talk to the
 19 regulators or the city about it, but we will.
 20 It would seem prudent to update the Zone 4

1 FOSL, and especially given the fact that we have
 2 committed to do that.
 3 And, so, perhaps it may be the tool we need
 4 to take us to the remedial investigation report is to
 5 have an update of the Zone 4 FOSL, or addenda or
 6 amendment.
 7 MR. HEHN: Did the basis for the decisions
 8 for drawing these boundaries, did they, even
 9 unofficially, include the dioxin data from Geomatrix
 10 sampling?
 11 CO-CHAIR SULLIVAN: Yes.
 12 MS. WALTERS: Yes, they included that.
 13 MR. HEHN: And did it also include the data
 14 that's been collected on the additional Site 12
 15 investigation?
 16 CO-CHAIR SULLIVAN: Yes.
 17 MS. WALTERS: Yes.
 18 MR. HEHN: When is that going to be
 19 available for the general public to review that,
 20 especially for Zone 7, Site 12, all of them together?

1 I think that's really key in trying to making this all
2 work.
3 MS. NELSON: I think we have had various
4 data sets prepared and submitted to the technical
5 committee, but I don't know that it's been summarized
6 neatly.

7 MR. HEHN: Into a report.

8 MS. NELSON: Into a report.

9 MR. HEHN: Yes. We are still waiting for
10 that report.

11 MR. GALANG: I think you already received
12 the site, the additional investigation data. Those
13 are validated data that we make copies.

14 MR. HEHN: The raw data, yes.

15 MS. NELSON: The raw data.

16 MR. HEHN: But not the report.

17 MR. GALANG: In our last BCT meeting,
18 instead of a tech memo, the draft final site operable
19 unit RI, looking at all of this, tech memo for the
20 Site 12 draft final RI, we decided just to make one

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1 what we may have to do for expediting purposes is to
2 even feed or phase some data. I mean, whatever we
3 need to do to provide you with data, leading up to a
4 revised FOSL, which we need to do at the earliest
5 possible time.

6 But I agree that providing some document on
7 Site 12 is important during this time of decision
8 making.

9 MS. NELSON: Would you have anything
10 available by our next interim RAB meeting, which is, I
11 think, the 6th?

12 CO-CHAIR SULLIVAN: Our next meeting with
13 the regulators is next week.

14 We hope to work out the final details of
15 what the Navy proposal is, and then, consequently, we
16 may be able to produce some sort of report coming out
17 of that which would be . . .

18 MR. HEHN: I'm sure that in the BCT meeting
19 there has been a very detailed review of all the data
20 and the presentation of where these things fall out.

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1 report for you to review, including all the data.

2 CO-CHAIR SULLIVAN: But, Pat and Paul's, I
3 mean I agree with exactly what Pat and Paul are
4 saying, is that if we are not going to have an updated
5 Site 12 RI now, we need to have an updated FOSL with
6 the appropriate information in it.

7 MS. NELSON: And it seems to me, if the city
8 will be leasing this property in the next few months,
9 that it would be in everybody's best interests to have
10 this report prepared and distributed no later than May
11 1st or 15th.

12 CO-CHAIR SULLIVAN: An updated FOSL.

13 MS. NELSON: An updated FOSL, right. That's
14 just my feeling.

15 I think it should have been done by today,
16 or at least that was an agreement I was aware of
17 prior.

18 But I would certainly recommend whatever be
19 done be expedited.

20 CO-CHAIR SULLIVAN: Yes. I think if not,

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1 I feel that, right now, we are kind of in
2 limbo as far as looking at this data realistically, at
3 least from my viewpoint and from the community
4 standpoint.

5 Right now, I don't see, for instance, on
6 this map, why Area 1 is surrounded by Areas 2 and 3 in
7 a small area. It looks like environmental
8 gerrymandering.

9 But it's something I think that we really
10 need to get that data, even if it's the data presented
11 on this map, or combined with this map, and say:
12 Well, here's what the results are from these sample
13 points. Here's why we made this decision. Take these
14 out immediately versus those that seem to be more
15 impacted.

16 I think that needs to include all the data
17 and not just the TPH data, as far as that
18 consideration is concerned, if you're looking at
19 residential leasing for those particular units. So
20 it's not strictly dealing with TPH in groundwater any

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1 more.

2 CO-CHAIR SULLIVAN: No, I agree. The burden
3 is on us to show that other potential contaminants of
4 concern are not an issue.

5 That's where we feel we are heading, but we
6 need to adequately show that.

7 MR. HEHN: And I understand Martha's need to
8 get those things out, too, quickly, so that's why I
9 think we are pushing on this issue, because in order
10 to kind of get that out and get it moving as quickly
11 as possible for the city so that they can lease that,
12 too, that data is kind of at a critical point.

13 MR. ALLMAN: Well, I have a concern that the
14 Navy is making a commitment to the city to fast track
15 the property, which is going to potentially bias the
16 review of the data about what other constituents of
17 concern are, because the city's interest is to try to
18 lease it right away, and it's in the Navy's interest
19 to convince the city and the regulators that it's
20 usable property, which may cause oversights to occur

1 because now there is a deadline.

2 MS. WALTERS: No, no.

3 One of the things that actually hasn't been
4 articulated here is that the city and the Navy,
5 actually the Navy has been sharing all of the data
6 with the John Stewart Company. So John Stewart takes
7 on a certain amount of liability, also, too.

8 MR. ALLMAN: Is that the leasing company?

9 MS. WALTERS: Yes.

10 As I said before, it is the housing property
11 management company.

12 We have been in, Jim and I, have been in
13 numerous meetings with those folks. We brought all
14 the maps, all the information. They had their
15 environmental person there. He studied everything.

16 So it's all out on the table. It's a very
17 open discussion, a very detailed discussion about
18 what's going on.

19 MR. ALLMAN: So they have done risk
20 assessments and things based on the data?

1 MS. WALTERS: No. What they have done, they
2 have looked at the data. You're not listening to what
3 I am saying, John.

4 MR. ALLMAN: No, I hear that.

5 What I'm saying, yes, we have looked at the
6 data for a very long time. But it's not just a matter
7 of looking at the raw numbers.

8 I don't think, since we just have a new set
9 of data, that Site 12 has been adequately
10 characterized. It is a piece of property that seems
11 to have the most interest and needs to move the
12 soonest.

13 I have a concern similar to Paul's, that we
14 were told that the zones or the phases were delineated
15 based on TPH and groundwater data, but when I looked
16 at the map we were just given, it showed plumes of TPH
17 purgibles going right at the end of Striped Bass
18 Street up to Sturgeon Way. There is a big patch of
19 purgible TPH and a huge plume of the extractibles
20 right smack in the middle of the biggest Phase I area,

1 which, to me, if you have the purgibles, you might
2 have MTBE on site as well.

3 So that sort of doesn't make sense if that
4 was determined by even using groundwater data.

5 CO-CHAIR SULLIVAN: Actually, this
6 drawing -- I failed to mention this -- this drawing
7 was somewhat oversimplified. This was based on an
8 actual sketch we did for the last Treasure Island
9 Development Authority meeting. I took, just in the
10 interests of simplification, I just drew around Site
11 20 and didn't try to cut it, cut the lines all the way
12 around it.

13 But, I mean, you noted correctly that there
14 is a groundwater plume associated with Site 20, but
15 that site is not a part of the housing area.

16 MS. WALTERS: Right. It's separate.

17 CO-CHAIR SULLIVAN: It would not be part of
18 the leased area.

19 I admit that this was an oversimplified
20 drawing, so there is this area in the middle here that

1 would be cut out.

2 MS. NELSON: Well, there is great interest
3 here, and I think we want to support the city in
4 leasing the housing.

5 I guess the sooner there is a document that
6 we can get our arms around, that would help. I think
7 the RAB understands the basis of the decision.

8 MR. ALLMAN: And I have one other question.

9 You said that if you had a near surface
10 sample that was hot, you just assumed it was from a
11 more recent release or spill or something.

12 Did it include that, whether you said you
13 have contaminated soil?

14 CO-CHAIR SULLIVAN: Well, that's part of the
15 evaluation that we are still going through with the
16 regulators.

17 You can apply the Lawrence Livermore report
18 to that, also, and in some cases, it's just a very
19 isolated near surface hit where we have taken samples
20 immediately below it, and the levels are almost

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1 nondetect or very significantly lower.

2 CO-CHAIR HANSEN: Jim, what does that lead
3 to, the expectation to scrape off the top six inches
4 of soil?

5 CO-CHAIR SULLIVAN: Well, it might, or just
6 an expectation that there seems to be a small spot
7 rather than one point in a larger area.

8 And so if it's one small spot, that may not
9 be, it will probably screen out, you would expect it
10 to screen out human health risk assessment, and it
11 would be unlikely it would impact the bay.

12 But if it was necessary to do a spot removal
13 at that point, that's probably the easiest remedial
14 action that we could take.

15 MR. ALLMAN: So the spots, if you find a hot
16 spot near the surface, you sample around it to see if
17 it extends, or is that up to the regulators to say you
18 have to do that?

19 CO-CHAIR SULLIVAN: I think it's still a
20 matter of interpreting the data.

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1 Certainly where we have a higher

2 concentration of spots, there are areas not too far
3 away where it's nondetect or much lower, so I think
4 it's a case of evaluating those on a spot-by-spot
5 basis.

6 CO-CHAIR HANSEN: If people were to move
7 into Phase 1, Phase 2 and Phase 3 tomorrow, would
8 there be institutional controls wherein the people in
9 Phase 1 could eat the home-grown produce in their
10 backyard, but the people in Phase 3 could not eat the
11 home-grown produce in the backyard? What are the
12 indications?

13 CO-CHAIR SULLIVAN: We don't -- well, in
14 answer to home-grown produce, we feel it's not going
15 to be an issue at the site.

16 We took a very conservative look at it some
17 years ago, but that was like the first brush to look
18 at it.

19 MR. VAN WYE: Jim, has there ever been any
20 history of home-grown produce in the housing area in

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1 the Navy's days?

2 CO-CHAIR SULLIVAN: Well, I'm sure people had
3 gardens.

4 MR. VAN WYE: What's the basis for that
5 statement? I mean, do we know?

6 CO-CHAIR SULLIVAN: Well, we know that some
7 people must have gardened. I saw little gardens.

8 It's inevitable in large number of units
9 that some people garden. Some of it might include
10 consumables. So we felt it was appropriate to
11 evaluate it.

12 But based on that evaluation, we are
13 reaching the conclusion that it's not an issue.

14 MS. VEDAGIRI: I thought home-grown produce
15 had been specifically left out of the risk assessment
16 as not a viable scenario.

17 Am I wrong?

18 MR. KNAPP: It was looked at both ways. The
19 risk assessment, you can do both.

20 MR. VAN WYE: I guess my question is, does

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1 anybody know for a fact whether there was any
2 home-grown gardening in that area? We are making an
3 assumption maybe.

4 CO-CHAIR SULLIVAN: I would say it's likely
5 and, therefore, we just want to make sure that we are
6 adequately addressing it, which we are.

7 So all of this has been a lot of good input.
8 Obviously, we don't have a document to put in front of
9 you, so we need to get back to the drawing table.

10 MS. NELSON: I think if there was a
11 document, we could maybe answer some of these
12 questions for ourselves.

13 MS. WALTERS: Right.

14 MR. HEHN: I think that's all we are looking
15 for, Jim, is to have that data available.

16 I, for one, would love to get behind the
17 whole thing and go for it.

18 MS. WALTERS: Right. That's fair.

19 MR. HEHN: But without any data, there is
20 nothing to support.

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1 CO-CHAIR SULLIVAN: Then the ball is in our
2 court for the documentation.

3 MS. NELSON: No estimate of when? Until
4 maybe after the meeting?

5 CO-CHAIR SULLIVAN: Well, I think we will
6 have to work that out with the regulators and the city
7 to make sure that we look at what milestones we need
8 to make to support the city, and then to expedite the
9 work as necessary, which could even necessitate
10 providing it in phases rather than one giant chunk.

11 CO-CHAIR HANSEN: Well, looking at it from
12 the other way around, I understand from Martha that
13 they would like to have people in these houses by
14 September when kids start school, so from May to
15 September.

16 CO-CHAIR SULLIVAN: As houses begin with,
17 they are outside of the site, so there are houses that
18 can be occupied today.

19 So we will move ahead then to get the
20 documentation to put in front of you.

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1 MS. NELSON: Thank you.

2 CO-CHAIR SULLIVAN: Okay. So where are we?
3 We probably need to make a time check as to what we
4 want to accomplish.

5 MS. NELSON: What time is it?

6 MR. ALLMAN: 8:25.

7 MS. NELSON: 8:25.

8 MR. VAN WYE: It's 8:25.

9 MS. NELSON: Is there anything for EIS
10 process for Treasure Island?

11 CO-CHAIR SULLIVAN: Yes. I could provide a
12 brief update, and then maybe we will have time at the
13 next meeting for something more detailed.

14 The main point I wanted to make on the EIS
15 process is, I wanted to just explain what it is.

16 We are -- well, the EIS process really is
17 NEPA, the National Environmental Policy Act, and we
18 are doing a joint, we are doing an EIS document for
19 the disposal of the property, which requires us to
20 look at the proposed land uses.

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1 So maybe a better way to explain it, there
2 is our cleanup process. It has a public participation
3 component that is similar to the NEPA process, like a
4 CERCLA record of decisions. It's somewhat similar to
5 a NEPA record of decision.

6 So we have a public participation process
7 for the cleanup program, but there is a requirement to
8 do a NEPA public participation process for the
9 government's decision to transfer the property for
10 civilian reuse. So that's a separate process from the
11 cleanup.

12 NEPA takes environmental factors in the most
13 broadest sense, and it takes into account air issues,
14 water issues, socioeconomic, noise, transportation,
15 every possible issue that could potentially affect the
16 surrounding environment in the broadest possible
17 sense.

18 So there is a component to the EIS that we
19 are developing that, in EIS language, they title it
20 "hazardous materials." In effect, it's the cleanup

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1 and other related issues.
2 So that's a component of the document, but
3 it's only one component among many others. And, in
4 fact, in terms of document size, it's a fairly small
5 part of all the other issues that they are
6 considering.

7 So that document will likely, the latest
8 word I have, it will likely be issued in draft form
9 probably in the next, within the next 60 days. I
10 mean, that's just an approximation.

11 Associated with that will be a public
12 hearing. There has already been a public scoping
13 hearing that started the process about a year and a
14 half ago, and I think some of you participated in
15 that.

16 But the document will be issued, and then
17 sometime after the document is issued, probably 30 to
18 60 days or less, there will be a public hearing.

19 And then based on the comments received in
20 the public hearing, and any written comments received

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1 during the written comment period, then the document
2 would be finalized.

3 MR. ONGERTH: What agency is the lead?

4 CO-CHAIR SULLIVAN: The lead prepared in the
5 document is the Navy, since the Navy is taking the
6 action of transferring the base for civilian reuse.

7 And then we are partnering with the city,
8 because they have a requirement under California's
9 equivalent of NEPA to do an environmental impact
10 report. So it's a joint effort between the Navy and
11 the city.

12 And then it's closely regulated by the
13 Environmental Protection Agency -- well, at least for
14 our part of it, for the NEPA, EIS, it's closely
15 regulated by the Environmental Protection Agency, who,
16 with the federal government, is the keeper of the EIS
17 standards.

18 So it's a parallel process. There is an
19 opportunity for any community member to participate in
20 that process, but it's not focused on the cleanup.

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1 MS. NELSON: How would interested RAB
2 members become part of the mailing list to get their
3 own copy of the EIS?

4 CO-CHAIR SULLIVAN: You know, that's a good
5 question. I should know that and I don't.

6 I know that -- actually, I think all of you
7 are already on a general mailing list for the EIS,
8 because I think that's the reason you're getting some
9 of the planning. I think you're already on some
10 mailing list.

11 MS. WALTERS: I know you're on the city's
12 planning mailing list. I know that for a fact.
13 That's why everyone gets those copies of that
14 information.

15 But I'm not sure about the EIS.

16 CO-CHAIR SULLIVAN: Yes. That's my action
17 item to double check on.

18 I thought I checked on that before, and I
19 think the answer is yes, but I'm not sure.

20 MS. NELSON: It would be nice to know.

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1 CO-CHAIR SULLIVAN: And then as far as the
2 ability to obtain a copy of the EIS, that I'm a little
3 less clear on, too. I'm not sure if it's available on
4 demand or not.

5 MS. WALTERS: We could see if we could get a
6 couple of copies.

7 MS. NELSON: That would be nice. It would
8 be nice, I think, to see the hazardous substances
9 element.

10 MS. WALTERS: Yes.

11 CO-CHAIR SULLIVAN: And, actually, that
12 element is fairly small, so it may be much easier to
13 provide access to that part of it.

14 MS. WALTERS: Right.

15 MS. NELSON: And also the land use issues to
16 see how that might be different than what the
17 Community Advisory -- CC -- I can't even remember the
18 acronym.

19 CO-CHAIR SULLIVAN: CIC, yes.

20 So, anyway, I think you will start to see

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1 information on that probably within the next two
 2 months.
 3 MS. WALTERS: Right.
 4 MS. NELSON: Great.
 5 CO-CHAIR SULLIVAN: And once the document is
 6 issued as a draft, that will really, then things will
 7 really start to move.
 8 MS. WALTERS: Jim, what if we get two copies
 9 of the EIS for the RAB? We don't need a copy for
 10 every person.
 11 MS. NELSON: No, I don't think so.
 12 CO-CHAIR SULLIVAN: Yes. I think between
 13 Martha and I, we could facilitate providing copies.
 14 MS. WALTERS: It's huge.
 15 MS. NELSON: I could only imagine.
 16 There was a page limit requirement, at least
 17 for the text, but none for the appendices, when I was
 18 preparing them, so it could be immense.
 19 CO-CHAIR SULLIVAN: And then we are required
 20 to do, even for the interim uses, we are required to

1 evaluate NEPA to make sure that none of the reuses now
 2 are having a significant impact, and for the most
 3 part, most of the uses to date have been very similar
 4 to the Navy's uses.
 5 Well, I guess, given that this meeting has
 6 been a little bit disjointed, I guess I will take your
 7 recommendation as to what we do next.
 8 MR. VAN WYE: Take a break.
 9 CO-CHAIR SULLIVAN: Do you want a break?
 10 MR. ALLMAN: A break.
 11 (A break was taken from 8:35 to 8:55 p.m.)
 12 ---oOo---
 13 CO-CHAIR SULLIVAN: Okay.
 14 So we are up to "Program Updates."
 15 First to "Announcements." Were there any
 16 announcements? Is Chris still here? Did she leave?
 17 She may have left.
 18 Are there any announcements?
 19 (No response.)
 20 CO-CHAIR SULLIVAN: I have one, just for

1 those people who may be interested just because it has
 2 some impact on Yerba Buena Island.
 3 Caltrans does have a bridge newsletter out
 4 called the "East Span News." And there's also an
 5 associated Web site. I just made copies of the front
 6 and back pages with the Web site listing on it, and
 7 then I have one copy of the whole brochure.
 8 So for those of you interested in issues on
 9 Yerba Buena Island, I will leave it up here
 10 (indicating).
 11 So there are time lines to make decisions on
 12 the bridge, which, in turn, may affect some of our
 13 activities on Yerba Buena Island, possibly our
 14 remediation of Sites 8 and 11 on Yerba Buena, as well
 15 as UST 270.
 16 FY '98 Project Execution Plan. We are still
 17 fully funded for the year. We have been executing the
 18 projects that we need to to keep the project
 19 progressing. So this year, for probably about the
 20 first time, we are not operating, we are not affected

1 by lack of funding.
 2 So whether or not we are able to execute as
 3 much as we had planned this year, it's still some
 4 question because of the need to resolve TPH issues on
 5 our fuel line and underground and petroleum sites. So
 6 that may cause us to have to defer some remedial
 7 activities for FY '98 to FY '99.
 8 But, certainly, we are operating in a
 9 situation of having enough funding to do what we need
 10 to do for this year.
 11 And we had our monthly project meeting on
 12 the 6th of April over at DTSC. The topics were, the
 13 main topics were:
 14 The development of petroleum screening
 15 levels, of course, an ongoing issue;
 16 As well as the Site 12 status, and as we
 17 discussed, that's where we talked about making it a
 18 major decision to make it a separate, operable unit.
 19 We had some general updates on Naval
 20 Station leasing and transfer issues.

1 And then we talked about the EBS sampling
2 analysis summary report, specifically regarding metals
3 concentrations and MTBE screening levels.

4 And then we had an update on the status of
5 our petroleum investigations, other than the CAP
6 sites.

7 MS. NELSON: That would be the UST sites?

8 CO-CHAIR SULLIVAN: That would be all of
9 the, for lack of a better term, the minor UST sites,
10 plus the fuel line.

11 The most significant of these other sites
12 are the fuel line and UST 270 on Yerba Buena Island.
13 Most of the rest of the smaller USTs are probably
14 either minor remedial activities or continued
15 groundwater monitoring.

16 I also have a report from the technical
17 subcommittee on the groundwater monitoring for these
18 other UST sites, so I have that with me tonight.

19 And then we prepared for tonight's meeting.

20 The majority of the time we did spend on the

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1 TPH screening level issue on Site 12.

2 We have a draft. There is a draft of the
3 meeting minutes out now. I think we will probably, I
4 think we've already gotten comments or will get some
5 comments from the regulators shortly.

6 MR. GALANG: I'm mailing them out tomorrow,
7 the final.

8 CO-CHAIR SULLIVAN: Okay. So you should see
9 the minutes from the 6th of April meeting in a couple
10 of days.

11 The quarterly groundwater monitoring, we
12 just started this week, preparation for monitoring for
13 the non-IR sites. So we have two consultants doing
14 the groundwater monitoring.

15 In addition to Tetrtech's work, continued
16 work in the IR program, we also have a separate
17 consultant for the other UST sites, AGS.

18 MS. NELSON: AGS and Tetrtech.

19 CO-CHAIR SULLIVAN: So, together, AGS and
20 Tetrtech will be doing all of the groundwater

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1 monitoring, but it will still be in separate packages.

2 But what we are doing this time, the first
3 time, is conducting the groundwater sampling almost
4 simultaneously.

5 I think AGS is starting a little bit first
6 and then followed by Tetrtech.

7 MR. HEHN: What sites is AGS working on?

8 CO-CHAIR SULLIVAN: It's the, I think there
9 are eight UST sites in the monitoring program.

10 But this will be the first time in which we
11 have been able to monitor all the groundwater points
12 within the same border.

13 MR. ALLMAN: And those are all for the
14 non-IR sites?

15 CO-CHAIR SULLIVAN: No. Those are for all
16 sites, both IR and non-IR.

17 And then I think we have, Ernie, there is a
18 report coming out for the previous quarterly
19 groundwater monitoring?

20 MR. KNAPP: Right. January, end of January

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1 monitoring.

2 I think it's listed, should be available
3 about May 4th.

4 CO-CHAIR SULLIVAN: So that will be coming
5 out in a couple of weeks, the previous quarterly
6 sampling, the IR sites.

7 Then the TPH issues for soil and
8 groundwater. We are not ready to make, we aren't
9 ready to make a major presentation on that. We are
10 continuing consultations with the regulators. We have
11 another meeting on Monday.

12 What we discussed at our 6th April project
13 meeting is that we will likely be able to make a
14 presentation on the issue at the May RAB meeting.

15 MR. HEHN: Are we getting close to
16 resolution?

17 CO-CHAIR SULLIVAN: We are going to seek a
18 solution for, we will have a solution for Site 12.

19 Whether or not we can apply that solution to the rest
20 of the sites, we are not sure at this point.

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1 Because it's not, for the rest of the sites,
2 it's not only a Treasure Island issue, it's also a Bay
3 Area-wide issue, and there is also a separate working
4 group of the Navy and the regulators who are looking
5 at the issue regionally to ensure a consistent
6 approach.

7 CO-CHAIR HANSEN: When will that come to
8 closure?

9 CO-CHAIR SULLIVAN: That's a little harder
10 to predict.

11 I mean, both the Navy and regulators are
12 working in partnership to resolve issues, but it can
13 be somewhat complex.

14 So I wouldn't even, I couldn't even
15 speculate at this point. We certainly want to reach a
16 conclusion, because that does affect our petroleum
17 cleanup.

18 And I think we will, but I couldn't say
19 exactly when. Hopefully, as soon as this year. I
20 certainly wouldn't expect it to go into next year.

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1 MR. HEHN: Isn't that going to delay
2 conclusion of not only the CAP but also a lot of the
3 IR final report?

4 CO-CHAIR SULLIVAN: Yes. It's going to have
5 an effect on our non-site IR report, definitely.

6 MR. HEHN: So all that may not get included
7 until the end of the year?

8 CO-CHAIR SULLIVAN: I'm totally speculating.

9 I would expect it to be resolved before the
10 end of the year.

11 How soon, whether it's sooner or later, I
12 couldn't say at this point. I'm not directly part of
13 that technical committee.

14 David?

15 MR. GALANG: They had their first meeting on
16 April 9th and then they formed a working group. April
17 27th is the next meeting.

18 We are getting behind in our schedule.
19 That's why they have business in top priority now.
20 The technical services department is supporting us

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1 right now.

2 CO-CHAIR SULLIVAN: But I think we will
3 certainly have more to say next month regarding Site
4 12. I think that will lead us to some things on the
5 other sites.

6 So at this point, we have penciled in to
7 talk TPH, and we will finalize that decision at both
8 the interim RAB meeting and our next remedial project
9 managers meeting.

10 Any questions or comments?

11 I will move into "Action Items." I am
12 actually excited about the action items.

13 I have some good news. It's long been an
14 action item as to how the community member comments
15 are addressed in the documents, and in the information
16 repository, the administrative record. And so we have
17 had a lot of internal discussions about that.

18 The guidance that I got is, today, was that,
19 we could go ahead -- well, basically, I have latitude
20 to do what's appropriate for this RAB, each RAB

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1 meeting a little different.

2 And so I have the latitude to go ahead and
3 incorporate the RAB comments into the documents, as we
4 have been doing with regulator comments.

5 And so that has been done at other, at some
6 other RABs, not every RAB. So there isn't a firm
7 policy decision one way or another.

8 So that given that we have the latitude, we
9 are going to go ahead with the, given the strong
10 interest in the RAB, and incorporate the comments.

11 CO-CHAIR HANSEN: Who gave you that
12 authorization?

13 CO-CHAIR SULLIVAN: My lawyer -- no.
14 Actually, in conjunction with not only legal counsel,
15 but public affairs and other staff.

16 So the first place we will apply that, the
17 first document we will apply that is on the Zone 5
18 FOSL and any subsequent documents.

19 If there is a strong feeling about possibly
20 trying to make some of that retroactive to previous

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1 documents, we could certainly consider that.
2 MS. NELSON: Well, I'm really pleased. As
3 you know, I have been rather vocal about it.
4 But I would suggest that the comments on the
5 draft RI and draft final RI be incorporated together
6 in the final RI document to be issued; does that make
7 sense?
8 CO-CHAIR SULLIVAN: Well, it will be kind of
9 comments taken in different phases and how that gets
10 looked at, although, I guess, in a historical context,
11 you could have a set of comments from one period and a
12 set of comments from the other period.
13 Someone reading them all at once in the
14 final document, it may read a little odd, but it will
15 just have to be clarified.
16 MS. NELSON: I think it just needs to be
17 clarified in a cover sheet in the appendix.
18 The comments weren't all that different from
19 one report to the other.
20 CO-CHAIR SULLIVAN: I think that's something

1 we can figure out how to do, how we do it exactly. I
2 think we may have some options and questions that we
3 have to address.
4 CO-CHAIR HANSEN: Jim, I would like the
5 records to officially show that the members of the RAB
6 would like to express our profound appreciation to the
7 fact that it has been determined you will take our
8 comments seriously.
9 MS. VEDAGIRI: Yes.
10 MS. NELSON: And respond to them in a manner
11 that is being considered in the same league as the
12 regulatory agency comments.
13 CO-CHAIR HANSEN: Achieve co-equal status.
14 MS. NELSON: Thank you. Very good.
15 CO-CHAIR HANSEN: We all thank you.
16 (Applause.)
17 CO-CHAIR SULLIVAN: At the same time, I
18 don't want to imply that we didn't previously consider
19 them the same.
20 It's just that, given the fact of the legal

1 involvement of the regulatory agencies and the
2 advisory involvement of the RAB, there was some
3 perceived difference, even though the value of the
4 comments was still taken as valuable.
5 MR. HEHN: I think it's a huge step.
6 CO-CHAIR SULLIVAN: It certainly makes it a
7 little more simplified to simply treat everything the
8 same. Probably makes it easier for me to find all the
9 comments in the documents.
10 MR. HEHN: We won't have to harp on you
11 quite so badly from now on about those.
12 CO-CHAIR SULLIVAN: The other item is the
13 infamous January or February, March and April meeting
14 minutes.
15 I have to admit, I had to surrender by
16 taking some wise advice. I updated the February and
17 March and was having a lot of problems or difficulty
18 getting through the April.
19 And so, at the suggestion, at someone's
20 suggestion, what I'm just doing is including the

1 actual transcript of the April meeting minutes. It's
2 four to a page. It's still not short, but at least it
3 doesn't take up as many pages.
4 MR. ALLMAN: What about always including the
5 transcripts? I mean, they are not that big compared
6 to the other documents that we get all the time.
7 CO-CHAIR SULLIVAN: Well, I'm not sure that
8 all of the community members would want to receive it.
9 MR. ALLMAN: No, not to receive it but on
10 file.
11 CO-CHAIR SULLIVAN: It already is. It is.
12 The transcript as well as the minutes are all in the
13 record.
14 MR. ALLMAN: I mean the last data base that
15 I received that had the status of different documents,
16 the transcripts, as part of the information
17 repository, but not the administrative record.
18 MR. GALANG: All of these are part of the
19 information repository.
20 MR. ALLMAN: Are the transcripts part of the

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1 administrative record?
 2 MR. GALANG: No.
 3 MR. ALLMAN: Yes. See, which is different.
 4 MR. GALANG: Even the meeting minutes are
 5 part of the information repository.
 6 MR. ALLMAN: No. The minutes we receive are
 7 actually listed as being part of the administrative
 8 record.
 9 CO-CHAIR SULLIVAN: Actually, that's an area
 10 that I think we will probably have to take as an
 11 action item to explore again.
 12 I will be honest, I get confused myself on
 13 the administrative record and the information
 14 repository issue, and I cannot adequately explain it
 15 to you now.
 16 So I think we need to take another, the Navy
 17 needs to take another stab at adequately explaining it
 18 so that we can, hopefully, understand what your
 19 concerns may be and try to address them, because, yes,
 20 these two repositories have long perplexed me, too.

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1 So that is an item for us, and then perhaps
 2 this would be an opportunity to get the information
 3 repository subcommittee back into action and see what
 4 concerns there are, and then how can we best address
 5 them so that we can reach an objective.
 6 So, anyway, what I have in here, for those
 7 present -- and then mailed to those not present -- is
 8 the updated February, updated March and the transcript
 9 of the April meeting minutes.
 10 MS. NELSON: Again, thank you, Jim.
 11 CO-CHAIR SULLIVAN: Well, I felt bad that I
 12 couldn't get through the April minutes, but it's
 13 better just to move on at this point.
 14 I think we have been having a lot of success
 15 with our meeting minutes over the last year. I think
 16 our comments are getting fewer and fewer, and so we
 17 are pleased with that.
 18 I think I will go ahead and turn it over to
 19 Richard for "Organizational Business." It's a quarter
 20 after 9:00.

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1 Oh. One other item. And it kind of relates
 2 back to action items to end the minutes.
 3 Somehow, and it's my fault, somehow we got,
 4 we used to have a good list of action items at the end
 5 of the meeting minutes. That just somehow vaporized.
 6 And we do do that, if you notice, for our project
 7 manager meeting minutes. So we need to, the Navy's
 8 actions are to reinstitute that for the RAB meeting
 9 minutes. That will enable us also to keep better
 10 track of the action items.
 11 So we will, with the draft of the April
 12 meeting minutes, we will include, at the end as we had
 13 done in previous years, a list of action items, which
 14 you could then comment on, too, and that will help
 15 ensure from month to month that we keep the list of
 16 action items clarified.
 17 So that it should be very similar to the
 18 action items listed in the project manager meeting
 19 minutes.
 20 So I will turn it over to Richard for

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1 "Organizational Business."
 2 CO-CHAIR HANSEN: Okay. Our commitment is
 3 to end this meeting at 9:30.
 4 Our first item on here is to talk about the
 5 RAB training program for 1998.
 6 As a precursor to that, I think all of us
 7 here notice our ranks have gotten thin again. There
 8 are only 10 of us remaining. I think the most we had
 9 at the last meeting was 12.
 10 MS. NELSON: I think I counted 13, but I
 11 think Jim or Ernie were going to call the RAB members.
 12 CO-CHAIR SULLIVAN: We sent out a letter,
 13 and for those, we looked at those, at the attendance.
 14 Based on the attendance, we sent out letters
 15 to those people who were not attending regularly and
 16 asked them to contact us and indicate if they were
 17 still interested.
 18 MS. NELSON: How many did we hear from?
 19 MR. GALANG: I have the names scratched, put
 20 a line on those, the ones that did not respond.

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1 So I did not remove their name yet on the
 2 data base in case they call back.
 3 CO-CHAIR HANSEN: They said that they
 4 dropped out?
 5 MR. GALANG: No, they didn't.
 6 The memo says, if they are still interested,
 7 they can call us, or call you and me or Jim. I
 8 received calls from three of them.
 9 CO-CHAIR HANSEN: I want to talk to you
 10 later. I will speak to you at the end of the meeting.
 11 But I think some people we need to strong
 12 arm a little bit. We don't want to lose Wong and
 13 McDonald and some of the people who have been here for
 14 years and years.
 15 MS. NELSON: If only three responded and
 16 notices were sent out to 20, does that mean that we
 17 lost 17?
 18 MR. ALLMAN: Or lost track of 17.
 19 MR. GALANG: 12 people. I did not send it
 20 to everybody.

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1 MS. NELSON: So we didn't hear from 9
 2 people.
 3 Did they get scratched?
 4 MR. GALANG: Only six or seven, I think.
 5 Margaret Thomas did call. She said that she
 6 got a new job.
 7 MS. NELSON: Who is this?
 8 MR. GALANG: Margaret Thomas.
 9 CO-CHAIR HANSEN: She had only been to one
 10 or two meetings.
 11 MR. GALANG: She never attended. So she
 12 called me. She said she got a new job and she cannot
 13 attend the meeting.
 14 CO-CHAIR SULLIVAN: Well, anyway, what I
 15 would propose, then, maybe we take the information
 16 that Ernie has put together, and at the next interim
 17 meeting, we can look at whether or not we should
 18 simply drop some people, or if there are some people
 19 we want to continue to pursue, as Richard is
 20 suggesting.

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1 CO-CHAIR HANSEN: Let's hold this until the
 2 interim meeting, because I think some of them are kind
 3 of personal friends of one or another of us, and we
 4 need to persuade them to come back.
 5 MS. NELSON: Of those people that have been
 6 scratched?
 7 CO-CHAIR HANSEN: Right.
 8 I hate to see them scratched out.
 9 MR. ALLMAN: Also, we get so much mail, if
 10 somebody is real busy and can't come to meetings, they
 11 might tend to pile up their mail and not actually open
 12 a lot of it, because they get so much mail they might
 13 not have seen it.
 14 CO-CHAIR HANSEN: Sort of like Harlan. He
 15 was in Paris for a month, so, you know, he would not
 16 have responded.
 17 MS. NELSON: Well, it seems to me, when I
 18 joined, I made a commitment to be here. I understood
 19 the guidelines to indicate that two consecutive
 20 meetings missed represents somebody without a

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1 commitment.
 2 If we don't have that commitment, maybe we
 3 are just smaller ranks. But there is no reason that
 4 we should incur costs for postage and everything else
 5 trying to track down these members. They should at
 6 least open the mail and find out when the meetings
 7 are.
 8 If they don't have that level of commitment,
 9 they should be dropped. I'm sorry. It's very simple.
 10 CO-CHAIR HANSEN: Well, we need RAB members
 11 who are both dedicated and give quality.
 12 MS. NELSON: Brad Wong hasn't been here for
 13 several months, and even though he might want to be
 14 part of this group, he's not.
 15 MR. GALANG: But I know Mr. Brad Wong is
 16 still interested. I called him and asked him and he
 17 said yes.
 18 CO-CHAIR SULLIVAN: Well, I think it looks
 19 like something that we can revisit at the interim
 20 meeting and make some decisions on one way or another.

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1 MS. NELSON: I did want my comments to be
2 part of the record. Thank you.

3 CO-CHAIR HANSEN: Anyhow, I think we should
4 hold off on this RAB training program until we review
5 the membership, because I, personally, Pat and others,
6 feel that we need to recruit again.

7 We want to go into the home stretch with
8 more than just ten people on the roster.

9 MS. NELSON: Right, but if we just recruited
10 15 new people, why aren't they here?

11 CO-CHAIR HANSEN: I can't answer that.

12 MS. NELSON: Why recruit again?

13 CO-CHAIR SULLIVAN: I would like to suggest
14 that we just go ahead with any training and,

15 certainly, for the benefit of the members who are
16 attending as well, who knows? It may attract some
17 people who maybe haven't been attending as often.

18 So I would go ahead and just propose
19 whatever training the members who are attending would
20 like to see and just move ahead.

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1 MR. BRENNAN: There was that one
2 recommendation of a training before the planning
3 committee. City planning is going to have that July
4 11th, I think?

5 So you said maybe have a training before
6 that. That's probably good. That's quite a ways in
7 the future.

8 CO-CHAIR HANSEN: And that was the same day,
9 you said?

10 MR. BRENNAN: Yes. It's a Saturday.

11 CO-CHAIR HANSEN: And their walkaround was
12 going to be in the afternoon, I believe.

13 MR. BRENNAN: 10:00 to 2:00 or noon to 4:00,
14 or something like that.

15 CO-CHAIR HANSEN: So let's reflect that in
16 the notes, Jim, as a target date, is this city tour.

17 I don't know if that's still going to hold
18 in the new regime.

19 CO-CHAIR SULLIVAN: I'm confused, I guess.

20 What would that have to do with our, I mean,

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1 how does that relate to the training program?

2 CO-CHAIR HANSEN: Since we'll be out on the
3 island anyhow, Saturday.

4 MR. BRENNAN: We talked about having a
5 meeting before because we would be here anyway. We
6 just come out a couple of hours earlier to do
7 something.

8 CO-CHAIR HANSEN: That's an opportune time.
9 We will make a fuller day for us.

10 The other thing I wanted to make sure we
11 cover tonight, John Allman has obviously worked very
12 hard on putting together his TAPP proposal, and I
13 think everybody has it before them.

14 John, do you want to speak to that?

15 MR. ALLMAN: Yes. I think if anybody does
16 not have a copy, I have more up here.

17 This is basically, I was asked to, or
18 decided to write a scope of work for a first pilot
19 project of the TAPP program. It's something we have
20 been interested in, or, certainly, I have been

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1 interested in for a while.

2 This is, basically, what I've put together.
3 I'm the only person that's read it so far out of this
4 group before tonight, so it's just for a review to
5 find out if there is anybody that strongly objects to
6 some money going towards the study, and, also, if you
7 object to the content of what the study proposes.

8 Basically, the project title -- and this is
9 something I just threw together just off of my head --
10 "Potential for movement of and exposure to hazardous
11 contaminants in soil and groundwater as a result of
12 seismic events at Treasure Island."

13 The first paragraph describes the reason
14 it's a concern. You have to state the purpose of the
15 study, why you want to have the study done.

16 The first part is basically describing, by
17 2020, there is a 67 percent probability of a 7.0
18 earthquake striking the Bay Area.

19 According to the study that was done by
20 Treadwell and Rollo a couple of years ago, I believe

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1 it was for the CRC, they determined that there would
2 be, when that earthquake occurs, there would be a 100
3 percent probability that liquefaction will occur and
4 that lateral spreading will occur.

5 Granted, there is some discussion about
6 reinforcing the island. Assuming the island is not
7 going to get reinforced, what is the fate of
8 constituents that, for example, that are in Site 12,
9 in the event that the edge of the island will slide
10 off into the bay? Because whether or not there is
11 housing on those parts of the island, I assume it's
12 the responsibility of the Navy to make sure that any
13 future contamination events won't occur.

14 And then the second paragraph is, basically,
15 since this is likely to occur in the next 25 years,
16 which is not a long-term time frame for Treasure
17 Island, a lot of the risk assessment calculations and
18 ecological risk assessment calculations go, I think,
19 up to 80 or 100 years for some of these. I think the
20 TPH screening levels predicted time tables that far

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1 down the line.

2 Since this is basically the next 25 years,
3 there is a 67 percent probability of a 7.0 earthquake
4 occurring, and these are the likely events. What will
5 happen to the constituents that are in the soil?

6 In addition to the lateral spreading which
7 would occur around the perimeter of the island off of
8 the bedrock, further ran about, approximately, I
9 think, 200 feet in from the perimeter of the island
10 will be a lot of sand boils occurring, too, which is
11 basically a two-foot diameter area, about 10-feet
12 deep, that liquefies and redistributes, and a lot of
13 the sampling that was done, you will do that at half a
14 foot, six feet and 14 feet, whatever, depending on
15 where the water table is.

16 And when those events occur, what's the
17 probability that soil that might be contaminated, say
18 at 10 feet deep, will end up at the surface? What
19 size of an area would we be talking about? Are there
20 areas that are likely to occur, and do any of those

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1 areas that are likely to occur, are they in highly
2 contaminated sites?

3 This is because if you have a pocket of
4 contaminated, what I mean by, I refer to currently
5 innocuous contaminants, a contaminant that is
6 suspended in the soil outside of the water table where
7 one of these things occurs, you might have a pocket of
8 contamination interacting with the water table and
9 then showing up in monitoring wells, 20, 25 years from
10 now.

11 So after the 1989 earthquake, Geomatrix did
12 a study of locations of all the sand boils that
13 occurred during that event, and I think they found
14 they were pretty random.

15 But those locations, where those occurred,
16 might be indications where future events might occur.

17 Also, the person that does the study, to
18 consider the report by Treadwell and Rollo, whoever
19 ends up doing the study, this study for us, reference
20 that, reference the 1990 report by Geomatrix, and also

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1 include current data about where contaminants are on
2 Treasure Island, and where those areas are with
3 respect to where the lateral spreading or where the
4 sand boils would occur; and then also focus not only
5 on the potential exposure for human health risk, but
6 also ecological health risk. For example, if Site 12
7 were to fall into the bay tomorrow, what would be the
8 potential for that if it could be predicted? It may
9 be that some of these things can't be predicted.

10 You have to also propose a provider. The
11 first choice was, obviously, Frank Rollo, because he
12 is the one that did the study on Treasure Island
13 before. He has a good background of what the island's
14 intended use is and the seismic effects in the bay
15 are, and, basically, the characterization of the
16 island.

17 There is also the possibility of them doing
18 it in conjunction with someone like Geomatrix, who did
19 the study in 1990. But they want to have one proposed
20 provider listed and a possible alternate.

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1 Right now, I just put down one provider.
2 But if anybody has a suggestion of somebody else they
3 know that could do this kind of study, you can always
4 put that down as secondary information.

5 CO-CHAIR HANSEN: Jim, do you think this is
6 in sufficient detail to pass on to the Navy's
7 procurement officer?

8 CO-CHAIR SULLIVAN: Well, it's certainly in
9 sufficient detail to identify what you're looking for
10 in the project.

11 The next step in the process is for the Navy
12 to evaluate the proposal, and the commanding officer
13 is actually required to sign off on it before it goes
14 to procurement.

15 So I think it definitely provides enough
16 information.

17 So, now, the next step is for EFA West to
18 evaluate it.

19 CO-CHAIR HANSEN: However, I think this is
20 one occasion -- and, Pat, correct me if I'm wrong --

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1 where the RAB can vote, because we cannot submit
2 requests unless the RAB agrees that this is something
3 we would like to do.

4 MR. ALLMAN: We voted on the general concept
5 about three meetings ago, and it was approved.

6 The purpose of this, as it says near the
7 top, this is for review and approval of the RAB
8 members as a scope of work.

9 I still need to put it on the proper DoD
10 form and put the things in the right place.

11 CO-CHAIR HANSEN: But you don't have to do
12 that until the contracting officer takes a look at it.

13 MR. ALLMAN: Well, this is the part that
14 gets sent.

15 CO-CHAIR SULLIVAN: We can take it this way,
16 and if we need to, I'm a little less clear on the
17 specific administratives.

18 If we need to come back and put it onto
19 another form, that wouldn't be hard, but this is
20 certainly the information.

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1 CO-CHAIR HANSEN: This will get it started.

2 CO-CHAIR SULLIVAN: Yes.

3 CO-CHAIR HANSEN: Is it the general sense of
4 the RAB that we want to go forward on this?

5 MS. MENDELOW: A question.

6 MR. ONGERTH: I didn't hear the last part of
7 the sentence.

8 CO-CHAIR HANSEN: Is it the general feeling
9 of the RAB that we go forward on this as a request to
10 the Navy to sponsor such a study?

11 MR. ONGERTH: As a matter of order of
12 business, it's 9:30. I'm going to leave. I think we
13 need more time to discuss this matter, and I will
14 explain my statement.

15 If we have a 7.0 earthquake and you have
16 large blocks of the island sliding out, they're going
17 to be catastrophic effects on the whole development on
18 the island.

19 I think that worrying about the consequences
20 that this document describes are so minor with

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1 relation to the broader impact of such an earthquake
2 and such earth movements on this island, that I think
3 it's all out of proportion.

4 I'm leaving right now. You can act without
5 me, whichever way you want, but that's how I feel
6 about it.

7 MR. ALLMAN: Well, the purpose of doing the
8 study is to find out, is it something significant to
9 worry about or not?

10 MR. ONGERTH: I don't think you can do it
11 without putting it in the context of what else goes on
12 in the environment that you're concerned about.

13 MR. ALLMAN: But that's not our job. Our
14 job on this RAB is to look at the environmental
15 impacts.

16 MR. ONGERTH: I would not agree to this as
17 it stands.

18 CO-CHAIR HANSEN: Thanks for your comments,
19 Henry.

20 Anybody else?

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1 MS. NELSON: I think Karen had a question.
2 MS. MENDELOW: I had a question.
3 I don't understand the whole purpose of the
4 TAPP. Is it for the RAB to get educated on a
5 particular issue?
6 CO-CHAIR SULLIVAN: Well, it's a new
7 program. I wish Chris was here. She could probably
8 talk more eloquently about it.
9 But it's something that has grown over the
10 years as a result of community interests, and it kind
11 of somewhat parallels the super fund's technical
12 assistance grants for an NPL listed site, which we're
13 not.
14 There is funding available through EPA to
15 the local communities so that they can address their
16 concerns independently of the responsible party who
17 has prepared the documentation. They may not be
18 satisfied that the owner of the property is adequately
19 taking care of things.
20 So this program has been in the super fund

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1 for some time, and there had been some growing
2 interest in having something similar in the DoD's
3 cleanup program since the majority of DoD sites are
4 not super funds, not NPL.
5 So at any rate, it finally got through
6 legislation and into public law establishing this
7 technical assistance program in order to provide the
8 community members of the RAB with an independent
9 evaluation of the cleanup program, so it could be used
10 for education.
11 We had a presentation a couple of months ago
12 on the possible range of uses, but it could be
13 education, if the community members want education
14 from somebody other than the Navy; or it could be, in
15 this case as John put together, asking someone to come
16 in to make an evaluation of a specific part of the
17 project and make a presentation to the RAB.
18 The first TAPP in the Bay Area was issued
19 just last month at Alameda, and that was to ask an
20 independent party to evaluate one of their remedial

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1 investigation documents and make a presentation to the
2 RAB.
3 CO-CHAIR HANSEN: There is a dollar
4 limitation of \$25,000 a year.
5 CO-CHAIR SULLIVAN: There is a dollar
6 limitation of \$25,000 per year and \$100,000 over the
7 lifetime of the project.
8 MR. ALLMAN: Both of those could be changed.
9 CO-CHAIR SULLIVAN: There is some latitude.
10 It's kind of a guideline.
11 CO-CHAIR HANSEN: But there was a feeling
12 that while we are all good people with a broad range
13 of interest, the geophysical aspects were something
14 that we did not have strong expertise within the
15 group, and this was a way to tap into this.
16 CO-CHAIR SULLIVAN: This project would be,
17 this would be very small. This would be well under
18 \$25,000.
19 MR. ALLMAN: This is more of a couple
20 thousand dollars.

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1 CO-CHAIR SULLIVAN: This is more probably in
2 the range of \$2500, which allows the Navy to use an
3 expedited contracting or simplified contracting.
4 CO-CHAIR HANSEN: One thing this brings to
5 mind, your suggestion, to have a training program, a
6 two-hour lecture from Mr. Rollo might be appropriate
7 for Saturday, the 17th of July, in conjunction with
8 the city meeting. People cannot talk about reuse,
9 people cannot talk about cleanup without understanding
10 how funny this island is. This is unnatural island.
11 MS. MENDELOW: Well, in terms of their
12 proposal, redevelopment, they are proposing to firm up
13 the island for \$80 million, or whatever it is. It's
14 on the sheets that they handed out for the
15 redevelopment.
16 CO-CHAIR HANSEN: But, again, so that John
17 feels cozy about this, there is no question that
18 John's put a fair amount of effort; is it the sense of
19 the remaining members of the RAB here that we would
20 like to go forward with this?

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1 CO-CHAIR SULLIVAN: Paul?
 2 MR. HEHN: Well, I have a question about
 3 that first.
 4 Has Frank Rollo been contacted to find out
 5 whether he's interested and willing to do this?
 6 MR. ALLMAN: Initially, yes, I talked to
 7 him. We talked for about an hour one afternoon.
 8 Initially, that's where I got all the information in
 9 the first paragraph, was from our conversation.
 10 He said he has to figure out how he would.
 11 It's not a common practice, which is why we're doing
 12 the study. It's not obvious what happens in a sand
 13 boil, where the sand distributes.
 14 He would have to do a little bit of research
 15 to find out if anybody has done a study of using
 16 colored sand or something to see, or anything like
 17 that, to find out how the redistribution occurs.
 18 He's not sure he's going to give us a lot of
 19 specifics, but I think it's worthwhile to have him
 20 look into it to find out if there is anything out

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1 there at all, with all the sites that have been
 2 cleaned up.
 3 Clearly, California is going to be the
 4 more seismically active of the sites around the
 5 country, so maybe not a lot of work has been done, but
 6 he may be able to identify that some work needs to be
 7 done, since the site by Site 12 is an area that, even
 8 if they do shore it up, it's likely to undergo
 9 liquefaction and redistribution if it doesn't slide
 10 off into the bay.
 11 CO-CHAIR HANSEN: And the expectation is, he
 12 would make an oral presentation for the group.
 13 MR. ALLMAN: What I proposed on here, the
 14 result of the study will be a 30-minute presentation
 15 to the RAB at a general meeting, and a summary of
 16 findings to be placed in the administrative record.
 17 MR. HEHN: So he has indicated he is
 18 interested or could be interested in doing this, and
 19 is he aware of dollar limitations?
 20 MR. ALLMAN: Well, when I first mentioned

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1 it, he said he would be happy to come and give you
 2 guys a talk for free.
 3 I said, well, actually, we might want a
 4 little more detailed study other than just what you
 5 covered, and there is money available. He said the
 6 money, all the better.
 7 I think that that's one of the things I
 8 wanted to find out from the contract office, once we
 9 pass this through. I don't want to put in a proposal,
 10 our first one through, and have the Navy contract
 11 officer agree to give him 20 grand to do it. And then
 12 he uses up all the money for the year and we don't
 13 know about it, because we don't ever put in a money
 14 amount, what we expect it's going to cost. We submit
 15 it.
 16 So it's going to be through dialogue, with
 17 the contract office. We intend this to be a small
 18 scale project for a couple thousand dollars.
 19 MR. HEHN: I think it's a good commendable
 20 effort, but I would suggest you might want to talk to

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1 Rollo and talk about a price that might be appropriate
 2 for that, so that when we get to that point, and as
 3 the point of contact with the Navy, you say, well,
 4 here's what we are thinking about for this particular
 5 study. We are thinking about 25 hundred or \$3,000.
 6 CO-CHAIR HANSEN: I think it's common
 7 knowledge that any governmental agency has to go out
 8 to competitive bids.
 9 MR. HEHN: Right, I understand.
 10 CO-CHAIR HANSEN: If this went out to
 11 competitive bids, you might have somebody from Kansas
 12 City giving you a very learned lecture about the
 13 falls, which is not necessarily what we want in this
 14 case.
 15 But I think Rollo understands that quite
 16 well. There was concern that this go into the
 17 administrative record, or administrative document, or
 18 whatever the permanent record is.
 19 MR. ALLMAN: And maybe to meet the scope of
 20 work to discuss what the contaminants are going to do,

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1 they may need to set it up where, whoever does it,
2 will say, we need to subcontract to a company that
3 does risk assessments. And so that we can combine the
4 geotechnical aspects with contaminant aspects,
5 because, generally, Rollo doesn't do contaminated
6 sites. They do geotechnical stuff.

7 So they may need to sub out or maybe put in
8 a separate request to have them do it in conjunction
9 with another company that has a background in another
10 area of expertise. But that's the way we have to
11 decide it on a case-by-case basis.

12 MR. HEHN: What I'm suggesting is, in a true
13 consulting fashion, you lay out your scope of work,
14 you get a price. You get a bid for what you think
15 they would do that for, and then you sort of have some
16 parameters.

17 MR. ALLMAN: Well, the problem is, I'm not
18 the one. We basically submit our proposed scope of
19 work. The Navy reviews it. They decide if they're
20 going to approve it.

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1 So I wouldn't want to go through all the leg
2 work of getting a bid on something before we know what
3 the scope of work is.

4 My impression was that, basically, that the
5 Navy dealt with that part of it.

6 CO-CHAIR SULLIVAN: Yes, and maybe what I
7 would like to suggest is that we can take, the Navy
8 can take this, and in working with John over the next
9 couple of weeks, if the community members want to go
10 ahead with this, John and I can work with the contract
11 office and then be able to report on the status of
12 that at the interim meeting.

13 MR. SAVAGE: I have a question about the
14 sand boils.

15 MR. ALLMAN: Yes.

16 MR. SAVAGE: 500 feet is a definite distance
17 from the edge, and 10 feet deep and 2 feet in diameter
18 are definite dimensions.

19 Does Mr. Rollo have experience regarding
20 whether those dimensions are only the dimensions and

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1 size?

2 MR. ALLMAN: No, no. He's just giving
3 ballpark dimensions.

4 He's saying within 500 feet of the
5 perimeter, you won't have sand boils. But 500 feet
6 in, whatever that number is I put down here, you would
7 have the sand boils occurring, meaning anywhere from
8 that region of the edge to the center.

9 MR. SAVAGE: A band around the island 500
10 feet wide.

11 MR. ALLMAN: That would be where you would
12 have the lateral spreading, and within that area,
13 within 500 feet from the center, you would have the
14 sand boils.

15 MR. SAVAGE: And are the sand boils -- what
16 I'm trying to get at, how definite can he be of the
17 dimension of the sand boil?

18 Would we be in a situation where the study
19 might have to be spread in a research direction to
20 determine whether that sand boil could be anyplace

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1 from 1 foot to 20 feet in diameter?

2 MR. ALLMAN: Well, the level of study that
3 I'm looking at for this, in my mind, is that if you
4 find out that anywhere within a certain perimeter, you
5 could have sand boils occurring where you'll flip
6 over, assuming the entire thing is flipped over, then
7 if that is completely random, it could happen anywhere
8 within a certain region, based on the seismic area for
9 that area. And you know that there are a lot of
10 places where there is contamination at 10 feet but not
11 on the surface, and your risk assessments are always
12 based on what's on the surface of the soil, or the
13 interaction with residents, whatnot, then maybe then
14 you will know that maybe you have to do aggressive
15 cleaning of that perimeter where those might occur,
16 that kind of thing.

17 It may turn out that the area is so small
18 that it is not worth worrying about. It doesn't
19 bother me if the study shows that it's not worth
20 worrying about.

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1 The point is, that question has not been
2 adequately addressed from any of the contractors.
3 It's one I have been asking but no one has been able
4 to answer it. So, to me, it would be worth putting
5 money in for a study.

6 Now, as far as what Paul's comment about the
7 price and whatnot, I think it's fine if we say that
8 the RAB approves it, assuming it's under a certain
9 amount of money. So then the Navy knows, if he wants
10 to charge \$8,000 to do this, then we can do it.

11 I don't want it to be turnkey once we put
12 this in. They give whatever amount comes out. I want
13 the final version to be approved before it gets
14 contracted to.

15 CO-CHAIR SULLIVAN: It doesn't go on
16 automatic pilot. There is an option for a RAB
17 representative even more directly involved. That's
18 one of the things that was briefed on a couple of
19 months ago. One of the community members can be
20 designated to participate in more detail in the

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1 contracting option or the contracting process, if so
2 desired.

3 So you could probably be about as involved
4 as you want to be, and you certainly wouldn't go off
5 and make a contract award without the RAB
6 understanding the final, or without you being aware of
7 the final scope or, certainly, the final price.

8 MR. ALLMAN: Another thing, too, Paul, say
9 we go through Treadwell and Rollo, who know a lot
10 about the island. That's less review they have to do,
11 because they have already done a study, and they have
12 files. It won't take them as long.

13 Whereas, if they put it out for competitive
14 bid, another company that knows nothing about Treasure
15 Island, they would have to review all of that, they
16 would have a higher cost. So it's going to vary on
17 who they pick. Maybe they would automatically
18 disqualify this firm for some reason where they didn't
19 contract properly or something.

20 I'm trying to limit -- this is basically for

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1 any of these that I was going to write. I was going
2 to basically throw out the general topic that we were
3 curious about. I have no problem changing this if
4 people think this is too specific or too general or
5 anything else.

6 CO-CHAIR HANSEN: Again, this is a way of,
7 you know, there are 10 people here, 12 people, 13
8 people, we all have limited time and limited
9 expertise.

10 This contracting device is a, I think,
11 proper. The DoD did the right thing to extend our
12 expertise.

13 MR. ALLMAN: So the question is, do the
14 people agree with Henry, that this is just not worth
15 putting any money into, then if we have enough people
16 that are experienced in this kind of stuff that would
17 know -- I'm not, so I don't know. It's just a concern
18 of mine.

19 CO-CHAIR HANSEN: I would like to bring this
20 to a sense of the remaining members of the RAB.

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1 MS. NELSON: I guess in deference to both
2 Paul and Henry, that a budget be established by phone
3 call with Treadwell and Rollo before it's formerly
4 finalized.

5 And, also, to have the results stated in
6 such a way that a comparative statement can be made
7 whether or not an earthquake in a liquefaction would
8 be more of a problem than if the environmental or
9 chemical exposures resulted.

10 I think that may be a bottom line that would
11 also be useful to the city and the regulators and the
12 Navy.

13 So with those stipulations, I think I can
14 support the scope of work.

15 CO-CHAIR HANSEN: Well, you've hit on an
16 important point.

17 I think our friend over here would like to
18 know what kind of earthquake that we are talking
19 about.

20 MR. BRENNAN: Well, in some way I agree with

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1 what Henry said, in that from the '89 quake, when the
2 quake happens, one, most things are suspended and you
3 just have to fix the utilities and things up. The
4 Navy brought in a ship to power up the island.

5 I mean, if things are so bad, if San
6 Francisco gets another 8.0, you will have 40,000
7 people injured. You will have 10 conflagrations, 4,
8 you know -- it's just an incredible amount -- 5 alarm
9 fires and whatnot. There is less than 25 ambulances
10 in San Francisco and 40,000 injuries. If you hear the
11 statistics, it's just mind-boggling.

12 But I think we need to learn how to do this.
13 I think it's a good thing.

14 I think if we put a limit on that, it's a
15 good learning experience. So for that reason, I would
16 support it.

17 MR. MICHELSEN: I would agree with that,
18 too.

19 MR. ALLMAN: Our role isn't dealing with
20 what is going to happen with the island in a

1 catastrophic earthquake. It's not our concern whether
2 everybody on the island is going to be looking for
3 lifeboats to get back to bedrock.

4 Our concern is the fate of the contaminants.
5 If the Navy wants to do a further study, to say, well,
6 it's not going to be an issue because we're going to
7 have the sewer plant in the bay as well, then the Navy
8 can do that.

9 Our responsibility is dealing with the
10 environmental impacts.

11 MS. NELSON: I think the environmental
12 impact, as you are concerned about, John, can be put
13 in the context of, you know, where is it on a scale of
14 1 to 10 compared to 40,000 in a catastrophic situation
15 that need life support?

16 MR. ALLMAN: But the purpose of the cleanup
17 on the island that the Navy is doing, though, before
18 they transfer to the city has nothing do with what is
19 going to happen to life safety on the island.

20 It has to do with the seismic that is going

1 to cause the contamination to get out into the bay or
2 to get out into the surface, then it's the Navy's
3 responsibility to take care of it, regardless.

4 CO-CHAIR HANSEN: John, there is an
5 interesting discussion here, but as Chairman, I'm
6 going to intervene.

7 My principal obligation is to get us out of
8 here at 9:30.

9 CO-CHAIR SULLIVAN: David?

10 MR. RIST: Well, I just had a quick
11 question.

12 I was wondering if you considered the types
13 of contamination that you have here on the island
14 before you put together a proposal, and the
15 distribution of those contaminants and how it might
16 really play out in that type of scenario.

17 MR. ALLMAN: Well, part of my concern is the
18 extent of the sampling that has been done on the
19 island. A lot of the sampling locations are based on
20 historical uses of the island on the 100-foot grid.

1 So, in my opinion, the investigation has
2 been a pretty much hit or miss around the island. I
3 think we identified places where further sampling has
4 been done.

5 But, if you're, for example, in some place
6 where the sampling is being done only near the surface
7 or only at depth, or samples versus surface or samples
8 versus depth, and we don't know a lot of the data, we
9 were just getting the data in Site 12.

10 It may not be an issue.

11 MR. RIST: It seems prudent you would take a
12 look at the contamination of distribution before you
13 went through with this to give yourself a better
14 understanding if it's really something of a viable
15 concern.

16 It's just a suggestion.

17 CO-CHAIR HANSEN: I will bring this to a
18 vote.

19 All in favor of us asking Jim Sullivan to
20 convey this to the procurement office, that the cost

1 will not exceed \$2500, all in favor of that
2 limitation?
3 (Whereupon the vote was taken.)
4 CO-CHAIR HANSEN: Only one opposed.
5 MS. VEDAGIRI: But we will get a chance to
6 look at the scope of work.
7 CO-CHAIR SULLIVAN: Well, actually, the next
8 step is waiting for the Navy to take this and --
9 CO-CHAIR HANSEN: Put it in the right
10 format.
11 CO-CHAIR SULLIVAN: Well, also the
12 commanding officer still has to review it.
13 There is a review process, so it doesn't go
14 straight to procurement.
15 In fact, since our discussion over the last
16 couple of months, I have been discussing this with
17 staff in San Bruno. It looks like there is some,
18 there may be some questions coming back.
19 So the way the process was laid out, you
20 submit the application and then Engineering Field

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1 Activity evaluates it. So we may have some questions
2 that come back to you.
3 CO-CHAIR HANSEN: But this will get the
4 dialogue started.
5 CO-CHAIR SULLIVAN: This gets it started.
6 MS. NELSON: And had you, in your proposal
7 to the Board, Richard, specified that the evaluation
8 would be compared to catastrophic events, I would have
9 voted for it.
10 But because that suggestion had been made
11 and it wasn't endorsed, that is the reason for my
12 negative vote.
13 CO-CHAIR HANSEN: Okay. Again, this is an
14 attempt to bring in other expertise in other fields,
15 and this may not be necessarily people's highest
16 priority. There may be others less worthy than this.
17 But I think we need to think about this, and we will
18 look at it again.
19 Jim?
20 CO-CHAIR SULLIVAN: Okay. That's it. And

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1 then to speed through the back page:
2 We have the end of the Zone 6 comment period
3 this Friday. So if you have any other comments,
4 written or verbal, please let us know by this Friday.
5 The next month, we want to do a major item,
6 in effect, a training during the meeting, a CERCLA
7 feasibility study workshop, or whatever we want to
8 call it.
9 If it looks like we have enough time at next
10 month's meeting, we will put on a kind of a training
11 on the feasibility study process, since the FS
12 documents will be coming out not too long after the
13 RI. They will be likely, the draft will be coming out
14 sometime -- is it being affected by the TPH?
15 MR. KNAPP: Yes.
16 CO-CHAIR SULLIVAN: It is, too.
17 But it will be coming, and so comments have
18 been made by community members in the past to be able
19 to get some training ahead of time enough in the
20 document, so this is our proposal.

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1 Then we will have more to say on TPH issues
2 for soil and groundwater.
3 And the draft offshore RI is coming out, and
4 so we want to have a preview, or maybe just a
5 discussion of the offshore RI process at the next
6 month's meeting because the document will probably
7 arrive sometime between the May meeting and the June
8 meeting.
9 So we will have the preview in May, and then
10 by June, the document will be in your hands. We will
11 have a more detailed discussion.
12 CO-CHAIR HANSEN: Offshore RI, does that
13 impact both?
14 CO-CHAIR SULLIVAN: Yes.
15 The offshore RI includes all offshore areas
16 we investigated as part of the RI, which is the skeet
17 range plus all the outfalls around both of the
18 islands.
19 So, in essence, it covers most of the areas
20 around the island.

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1 MS. VEDAGIRI: So it includes the eco-risk
2 for the offshore areas, is that part of the offshore
3 RI report?
4 MR. KNAPP: Yes.
5 MR. MICHELSEN: Does that include the Marina
6 also?
7 CO-CHAIR SULLIVAN: Yes. Anything in the
8 water.
9 MR. MICHELSEN: All right.
10 CO-CHAIR HANSEN: So the FOSL might follow
11 from that.
12 CO-CHAIR SULLIVAN: Well, we already FOSL'd
13 for the marina. The marina can be leased and operated
14 in its current condition.
15 If someone wants to expand the marina or
16 dredge that, then that would have to be considered in
17 light of the remedial investigation report.
18 But the Zone 1 FOSL included Building 1 and
19 the marina area, so it could be operated as is.
20 CO-CHAIR HANSEN: So there are no barriers

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1 in front of the city preventing it.
2 CO-CHAIR SULLIVAN: No.
3 There are no barriers operating the marina
4 as is. If someone wants to go in, though, and do
5 dredging, then that could be an issue; but to operate
6 the marina as is, no.
7 MR. MICHELSEN: What's the scope of that
8 parcel that the city can go ahead and deal with the
9 marina and parking lot, Building 183?
10 CO-CHAIR SULLIVAN: Well, all of the
11 offshore areas, I mean, it's still to be determined
12 for the remedial investigation.
13 The onshore areas, if someone wants to do
14 something on land, that's not really significantly
15 affected there, and the base.
16 So if anybody wanted to develop something on
17 land, they probably could in the short-term.
18 So May and June would be involved with the
19 offshore remedial investigation report.
20 So our next regular meeting is Tuesday the

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1 19th of May. We will continue to meet at the Casa
2 here. At some point, the city may lease out the Casa
3 for other purposes. So how long we can stay here is
4 still a little bit unknown. But that doesn't appear
5 to be happening, at least in the next several months,
6 if not longer. So we will continue to schedule and
7 have meetings here.
8 The next interim meeting would be Wednesday,
9 the 6th of May, and, Pat, will you be able to host
10 that at PG&E?

11 MS. NELSON: I think so. I have a business
12 commitment out of town.

13 CO-CHAIR SULLIVAN: Okay.

14 MS. NELSON: I will endeavor to get back to
15 do that, but there is a possibility I won't.

16 CO-CHAIR SULLIVAN: All right. So between
17 Richard, Pat and I, we will clarify the location. We
18 will send out the location with the meeting notice.

19 MS. NELSON: I will know on Friday.

20 CO-CHAIR SULLIVAN: Great.

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1 And then our next BCT/RPM meeting is two
2 days earlier, on the 4th of May. We are pretty much
3 trying to stay on the first Monday of the month
4 schedule.

5 We are trying to have the meeting at the
6 US-EPA, headquarters. Their conference rooms are
7 pretty tight. So I think we are waiting final
8 confirmation on that. Once we do -- well, I will know
9 that before the next, by the time we have the interim,
10 the mailer for the RAB interim meeting, we will know
11 the location for the RPM meeting. So I will include
12 that as an additional notice on that mailer.

13 And the next Treasure Island Development
14 Authority meeting, I think they are still meeting on
15 every third Wednesday of the month. I haven't seen a
16 mailer, but they did have their meeting last Wednesday
17 on the 15th. They should be having another meeting on
18 Wednesday the 20th. But watch for their fliers,
19 because their meetings do potentially change.

20 Are there any other questions or comments?

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1 (No response.)

2 CO-CHAIR SULLIVAN: I apologize for being
3 detained at the beginning of the meeting, so we will
4 have a smoother meeting next month.

5 So thank you very much. I think there is
6 still some goodies in the back, so please help
7 yourself on the way out.

8 (The meeting adjourned at 10:00 p.m.)

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