

Environmental Restoration Advisory Board Meeting - Meeting No. 36

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2                   NAVAL STATION TREASURE ISLAND  
3 ENVIRONMENTAL RESTORATION ADVISORY BOARD MEETING  
4                   19 AUGUST 1997  
5                   7:00 P.M.  
6 BUILDING 1, 2ND FLOOR CONFERENCE ROOM AREA  
7                   TREASURE ISLAND  
8                   MEETING NO. 36  
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12                  TRANSCRIPT OF PROCEEDINGS  
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20 REPORTED BY: STEPHEN BALBONI, CSR NO. 7139

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1                   A T T E N D E E S (Continued)  
2 GUESTS:  
3                   AMBER EVANS (BADCAT)  
4  
5 REGULATORY AGENCY:  
6                   MARY ROSE CASSA (DTSC)  
7                   TOM HUETTEMAN (USEPA)  
8                   MARTHA WALTERS (SFRA)  
9  
10 COMMUNITY MEMBERS:  
11                  JOHN ALLMAN  
12                  RICHARD HANSEN  
13                  PAUL V. HEHN (Alternate Community Co-Chair)  
14                  KAREN MENDELOW  
15                  PATRICIA NELSON (Community Co-Chair)  
16                  HENRY ONGERTH  
17  
18  
19  
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1                   A T T E N D E E S  
2 U.S. NAVY:  
3                   JAMES B. SULLIVAN (BEC and Navy Co-Chair)  
4                   ERNIE GALANG (RPM)  
5                   HUGO BURTON (NAVSTA TI)  
6                   AMELIA DUQUE (EBS)  
7                   RYAN BROOKS (Community Relations)  
8                   KARLA JENKINS (NFESC)  
9                   BRYAN HARRE (NFESC)  
10  
11 PRC ENVIRONMENTAL MANAGEMENT, INC.:  
12                  STACEY LUPTON  
13                  RICHARD KNAPP  
14                  REBECCA SUGERMAN  
15                  LYNNE SRINIVASAN (URIBE & ASSOCIATES)  
16                  NICOLE PIERCE (URIBE & ASSOCIATES)  
17  
18 GUTIERREZ-PALMENBERG, INC.:  
19                  DARLENE B. BROWN  
20                  BARRY GUTIERREZ

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1                   CO-CHAIR SULLIVAN: Well, welcome to our  
2 August Restoration Advisory Board meeting. We are  
3 meeting for the very first time in Building 1, our  
4 headquarters building. This is due to the closure of  
5 the Nimitz Conference Center and also the Casa de la  
6 Vista, where we have had previous meetings. So I  
7 expect that we will have, for sure that we will have  
8 the September meeting in this same location, and we  
9 may also have future meetings here. It's going to  
10 depend on once the Naval Station finishes moving out  
11 of the building and the city moves more in, as to what  
12 spaces will be available will dictate where we can  
13 have the meetings.  
14                  For those of you who may not have attended  
15 one of the interim monthly meetings, we have been  
16 usually having them in the conference room right next  
17 door here, and we will plan to continue to do that.  
18                  So our first item is discussion and approval  
19 of tonight's agenda. There is some additional copies  
20 of the agenda in the back of the room. Pat and I were

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1 discussing the agenda before we started, and possibly  
2 a combination of the fact that there is fewer people  
3 here, and also the fact that the business of our base  
4 closure has kept me from getting as much prepared for  
5 this meeting as I had intended to.

6 So in terms of tonight's agenda, we were  
7 going to propose to drop the 7:50 item on the updated  
8 fuel line removal project. I will mention it briefly  
9 when we get to that point, and if anyone has a burning  
10 question, I will try to address it briefly or take the  
11 question for future answer.

12 And, also, the discussion and approval of  
13 the revised February meeting minutes, I'm still  
14 working on the February revision along with the March  
15 and April revisions, so I had hoped to have those in  
16 the mail to you before this meeting, but I didn't, so  
17 that item would also be deferred.

18 So then our main topics will be the BADCAT  
19 presentation, the Site 12 investigation work plan, the  
20 Zone 4 FOSL, and also our FY-97 execution, and

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1 beginning of discussion of our FY-98 execution.

2 Are there any comments concerning tonight's  
3 agenda?

4 (No response.)

5 CO-CHAIR SULLIVAN: I guess with that we  
6 will move into discussion of the 22 July meeting  
7 minutes. There is additional copies of the minutes on  
8 the back table.

9 Are there any questions or comments  
10 concerning the July meeting minutes?

11 (No response.)

12 CO-CHAIR SULLIVAN: I hope the silence is  
13 testament to the additional time we have been spending  
14 on the minutes.

15 It appears that people have been generally  
16 satisfied with our minutes the last couple of  
17 meetings, so I hope the additional time that we have  
18 been putting into preparing them has paid off.

19 John, did you have any comments concerning  
20 the July meeting minutes?

6

1 MR. ALLMAN: No.

2 MR. HANSEN: I like the suggestion that  
3 Henry made last time: We are not all going to sit  
4 here and read ten pages of these; that we accept the  
5 minutes as written, and then if there are corrections,  
6 we make them later.

7 CO-CHAIR SULLIVAN: Well, if they are  
8 accepted, we probably wouldn't go back to them, but if  
9 somebody had later brought up something that was  
10 clearly wrong with them, we could go back to correct  
11 those.

12 MR. HANSEN: This is the first time we have  
13 seen them, right?

14 CO-CHAIR SULLIVAN: Right.

15 Well, I mean, you're getting these draft.  
16 We started stamping them draft as a change over the  
17 last month. You will continue to get the meeting  
18 minutes before the meeting, ahead of the meeting, and  
19 then if there were any changes to it, we will mail out  
20 a copy, a final copy without the draft on it.

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1 MR. ALLMAN: So everybody gets these? T  
2 is the mailing that we got previous to this meeting,  
3 right?

4 CO-CHAIR NELSON: That's right.

5 All the RAB members would get the meeting  
6 minutes ahead of the meeting so that we can comment on  
7 them.

8 CO-CHAIR SULLIVAN: Right.

9 We started stamping them "draft," which was  
10 a change, so that you will always know that it's a  
11 draft minutes that haven't been approved during the  
12 meeting.

13 MR. HANSEN: I should read my mail.

14 CO-CHAIR SULLIVAN: Well, if there aren't  
15 any other comments, I would move that we accept the  
16 minutes as written.

17 I went through them quite a few times myself  
18 along with the transcript, so I feel pretty  
19 comfortable with the way they were written this month.

20 Second?

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1 MS. CASSA: Second.  
2 CO-CHAIR NELSON: So moved.  
3 CO-CHAIR SULLIVAN: Okay, great.  
4 Next one, we move into public comment. We  
5 set aside five minutes or so at the beginning of each  
6 meeting if there are members of the general public not  
7 part of the Restoration Advisory Board. We provide  
8 this time if they would like to speak on any subject  
9 related to the cleanup.

10 So if there are any members of the public  
11 that would like to speak?

12 (No response.)

13 CO-CHAIR SULLIVAN: There being none, we  
14 will close the public comment.

15 MR. HANSEN: Excuse me. I would like to  
16 offer my question as though I was a member of the  
17 public.

18 A newspaper article last week had a little  
19 article about the cleanup in Alameda where it's being  
20 turned over to the Fish & Wildlife. It's going to be

1 a wildlife refuge. And that's great, that's just  
2 wonderful for them. That makes the cleanup for the  
3 Alameda Naval Base really quite straightforward.  
4 Unlike Treasure Island, which I perceive in  
5 the context of the fact that the city does not really  
6 have a really definitive future plan, and we will hear  
7 more about it tomorrow, we will hear more about it in  
8 the next six months, and correct me if I'm mistaken,  
9 but it's my sense that the present intent of the RAB  
10 is that any area of Treasure Island could ultimately  
11 end up as a children's playground or used for  
12 residential area, as contrasted to this large area in  
13 the Alameda Naval Station, which is going to be turned  
14 over to a wildlife refuge.

15 Not all of our members are here, but I know  
16 some of the more militant ones, members of the RAB  
17 would like to eat dirt from anywhere on the island, or  
18 have our children or grandchildren eat dirt, which I  
19 think is the ultimate of cleanliness.

20 But is that the general sense, is that where

1 we are going?

2 CO-CHAIR SULLIVAN: Well, first, let me  
3 clarify briefly.

4 At the Naval Station Alameda, there is a  
5 portion of the base, I think it's about, the whole  
6 base is like 1500 or 2,000 acres or so. There are a  
7 couple of hundred acres, I think, that were in the  
8 runway area, which is the lease tern nesting area, and  
9 that piece of the base is being set aside for U.S.  
10 Fish & Wildlife. I actually don't know all the little  
11 nitty-gritty details.

12 But the rest of the base is still being  
13 developed for base reuse. So the entire base itself  
14 is not going to be turned into a refuge.

15 MR. HANSEN: Well, I stand corrected on  
16 that.

17 But in our discussion here, and in the prior  
18 discussions on the reuse of Treasure Island, I don't  
19 think there has been any solid suggestion that a  
20 portion of the island will be turned into a wildlife

1 refuge or anything but a residential use.

2 CO-CHAIR SULLIVAN: Well, I would  
3 characterize the reuse plan as a mixed use.

4 There is some commercial and some  
5 residential, and the cleanup remedies for commercial  
6 area, you know, could be different than a residential  
7 area, and then we have areas like the YBI landfill,  
8 where a category could be put in place to preclude  
9 certain reuses of that site, and there could be other  
10 sites that fall into that category, too.

11 While I think a lot of the base will be  
12 suitable for more unrestricted reuse, we haven't  
13 reached that point yet to make those kind of  
14 decisions.

15 MR. HANSEN: That's the reason I ask what  
16 the general sense is of where we are going.

17 My general sense is that since there is no  
18 obvious articulated notions that any section of this  
19 plot of land would be used for industrial in the  
20 future, and no sense that any of the land would be

1 used for wildlife, that all of the island potentially  
2 would be used for residential use and would be cleaned  
3 to the highest standards.

4 MS. WALTER: No, I wouldn't say that. I  
5 would like to follow-up on what Jim just said.

6 I think he articulated very clearly that  
7 it's residential and commercial use, and that's  
8 different. Those are two entirely different kind of  
9 standards.

10 And also the interim use, there are people  
11 already here on the island using the buildings. For  
12 example, the three buildings for film stage. I think  
13 that you need to keep that in mind that the city is  
14 continually marketing, continually entertaining ideas,  
15 different ways of figuring out the long-term reuse of  
16 the island.

17 Also, the Department of Labor is here. You  
18 will be getting sports athletic fields here. A lot of  
19 things are in the works.

20 I think that you really need to

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1 differentiate between interim and long-term reuse of  
2 the island.

3 But you're right, just in terms that it's  
4 primarily going to be used for housing and for  
5 commercial. I mean, that's really what the focus is  
6 on.

7 MR. HANSEN: Thank you.

8 CO-CHAIR SULLIVAN: John, very briefly.

9 MR. ALLMAN: Yes, it is brief.

10 I didn't know where to fit this in. Mary  
11 Rose gave me a homework assignment last month, and I  
12 just wanted to turn it in. This is the residential  
13 use.

14 I finally dug through, and it took a long,  
15 long time because I went through old file boxes, and I  
16 should have known that it was in the box marked  
17 "Pandora."

18 I have a bunch of copies of this paper  
19 (indicating). What it is, basically, this is the  
20 paper that was nagging at the back of my memory for

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1 synergistic effects of metals, in particular.

2 This one is called: "Combined Effects in  
3 Toxicology - A Rapid Systematic Testing Procedure:  
4 Cadmium, Mercury and Lead."

5 One of the more interesting things that I  
6 would point out in this, for example, is, for  
7 instance, the administration of an essentially no  
8 response level, LD1, of a mercury salt together with  
9 1/20 of the LD1 of a lead salt killed all of the  
10 animals.

11 So this is an example where an LD1 is  
12 basically, if you get a certain amount of, say, lead  
13 by itself, an LD1 value would be the lethal dose where  
14 one percent of the animals would die.

15 An LD99 would be an example of a case where  
16 99 percent of the animals ingesting that amount of the  
17 chemical would die.

18 So in this case, it would show that the LD1,  
19 which is normally a no response level, and just a  
20 fraction of an LD1 of another one mixed, has 100

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1 percent death rate. It's completely fatal.

2 Since we have sites on Treasure Island, we  
3 have a lot of mixed metals, and this goes for  
4 pesticides and PCBs and other combinations of other  
5 chemicals that needs to be looked into where the  
6 military bases are being closed.

7 I think there is one mixture of different  
8 wastes on different bases that the military used,  
9 because they dump everything on one site, for example,  
10 Site 12, versus industrial waste site, where they  
11 would collect lead waste to put it in that landfill.  
12 Of course, the landfill would never have houses built  
13 on it with people living on it.

14 Also, what I proceeded to do, and I only  
15 have a few copies of this (indicating), a search of  
16 Melville Medline, which I don't know if that's the  
17 university database or who it's affiliated with. All  
18 I did was cross reference synergism in environmental  
19 and also synergism in lead.

20 I picked out 42 references. Some of them

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1 are on this copy. The ones with lots of pound signs  
2 are the ones that really stood out as interesting  
3 articles.

4 But one of them in particular that I haven't  
5 had a chance to look up yet deals with what's called:  
6 "Chemical mixtures released from hazardous waste  
7 sites: Implications for health risk assessment."

8 There are several articles on this list.  
9 This is just taking ten minutes to cross two terms,  
10 and there are many others. I had to break it down  
11 from hundreds of thousands of papers dealing with  
12 synergism to get down to this level.

13 These are actually more recent papers. The  
14 one I handed out is from 1978.

15 This was sent to me about two years ago by a  
16 lab in Chicago, and so I assume that they wouldn't  
17 send it out if it was actually disproven.

18 And then these papers that I listed from the  
19 database are from 1995 and 1996.

20 And so I really think that someone other

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1 than myself should invest a little time researching  
2 papers like this and maybe some of these to find out  
3 if we need to be worrying about these types of  
4 problems.

5 If we're going to be using Site 12 for  
6 housing, we may have a very small amount of lead and a  
7 very small amount of cadmium on the site. But it's  
8 going to be mixed in the same area.

9 If a kid eats 200 milligrams in a day, which  
10 is the number that the regulators said would be the  
11 amount consumed in the dirt by a child, then you could  
12 have a bad dosage built up over time, and risk  
13 assessment calculations that are done that have been  
14 explained to us are more or less adding the effects of  
15 different concentrations at their limit levels, not at  
16 these low levels.

17 So I think that completed my assignment.

18 CO-CHAIR NELSON: Mary Rose?

19 MS. CASSA: I have a follow-on to John's  
20 comments.

18

1 And, thanks, you did a good job on your  
2 homework.

3 MR. ALLMAN: Thank you.

4 Do I get an "A"?

5 MS. CASSA: Yes.

6 I asked the toxicologist, who some of you  
7 probably met, Calvin Wilhelm (phonetic), about this  
8 synergism, and if anybody, if the Navy or any of you  
9 who do go off and do more of this searching, based on  
10 what Calvin said to me, I think that you should also  
11 cross the term that's the opposite of synergy. The  
12 term that means instead of the two mild effects, when  
13 they get together and have an extreme effect, there is  
14 a similar term that means the opposite, that when you  
15 put them together, there is like no effect or maybe a  
16 beneficial.

17 MR. ONGERTH: A canceling effect.

18 MS. CASSA: Yes.

19 He cautioned me that virtually for every  
20 paper addressing synergism, there is a paper that

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1 addresses this opposite effect.

2 MR. ALLMAN: Well, this paper, the one I  
3 passed out actually talks about antagonism as well as  
4 synergism.

5 MS. CASSA: That's the word, "antagonism."

6 MR. ALLMAN: Antagonism.

7 What they found in this particular study, if  
8 you could have a higher portion of one of them with  
9 the lower portion of the other, it would be  
10 antagonistic.

11 But the way the argument we got, I'm not  
12 sure if it was by the person you're mentioning, but  
13 when we had the workshop on human health risk  
14 assessment a year ago, they were saying: Oh, yeah,  
15 you're likely to have an antagonistic combination as  
16 well.

17 But the point is, studies have been done to  
18 show that particular contaminants that are found on a  
19 particular site are synergistic at the levels that  
20 they appear on that site from the remedial

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1 investigation, that that should be considered in the  
2 risk assessment calculations.

3       Instead of assuming there is enough leeway  
4 to throw in the calculation, you shouldn't have to  
5 worry about it. This is definitely a public health  
6 issue and something that needs to be looked into.

7       Theoreticians -- I work with a lot of  
8 them -- tend to say: Well, we built that into the  
9 functions.

10       But if you know the particular case that  
11 you're studying, you do the calculations, then you  
12 might have to alter the way you're looking at the  
13 results of the calculations.

14       And even though you may have to use the  
15 standard method of doing risk assessment, when you're  
16 doing your site assessment, when you're making the  
17 final decision, you take all these different bits and  
18 pieces before the management of the island makes the  
19 decision about what they're going to clean up, they  
20 could still consider: Well, we know that we have

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1 amounts of both of these that have been shown to be  
2 synergistic, so perhaps we should use a more  
3 conservative cleanup level than the one based strictly  
4 on the human health risk assessment results.

5       CO-CHAIR NELSON: John?

6       MR. ONGERTH: John, could you expand on that  
7 last remark, use a more conservative level, what do we  
8 pick?

9       MR. ALLMAN: I'm saying if you have, say,  
10 an acre of soil that you know has these mixed  
11 contaminants on it, and certain combinations may be  
12 synergistic and certain combinations may be  
13 antagonistic, then you remove the part of the soil  
14 that's contaminated so you don't have to worry about  
15 it at all for that particular site where you have  
16 mixtures.

17       There aren't that many sites on Treasure  
18 Island where you have lots of different contaminants.  
19 Site 12 is one that comes to mind immediately, and  
20 there are a couple of other sites where you have some

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1 mixtures, but this is only implying for those sites  
2 where you might have combinations of contaminants  
3 there.

4       It's better to be, from a human health  
5 standpoint, to tell somebody that your kid is going to  
6 be safe playing in this playground if you actually  
7 remove it to know that it's going to be safe, than  
8 saying: Well, yeah, we're willing to take a risk with  
9 your kid's life, that there is not a problem there.

10       MR. ONGERTH: Your suggestion then is for  
11 these cases where there is a possibility of synergism,  
12 that there be a decision for a complete removal of the  
13 offending --

14       MR. ALLMAN: I'm not saying to do that.

15       I'm saying it needs to be considered in  
16 making a decision of what to do with remediating that  
17 side of the island.

18       MR. ONGERTH: What troubles me is, how do we  
19 get a handle on that? It's considered. How do we  
20 consider it?

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1       MR. ALLMAN: Well, we don't, for one thing  
2 It's dealt with on the standpoint of the Navy deciding  
3 what level to clean it up to and the regulators  
4 telling them how much they have to clean up that area.

5       They set basic limits on, for example, the  
6 fuels report. It came out for determining the levels  
7 where they have to clean it up if you had a certain  
8 concentration of contamination at a certain site.

9       They do calculations where they use mussels  
10 and clams, and they did a bioassay, where they  
11 increase the dosage of that particular petroleum  
12 hydrocarbon until things died off, and then they  
13 picked some point in that range that they would say:  
14 This is our cutoff point where we will not require you  
15 to clean up that soil.

16       Now, you can do the same thing if you know a  
17 particular site.

18       This paper outlines a way to do it without  
19 having to kill hundreds of thousands of poor little  
20 critters. You could go to a particular site and say:

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1 Okay, we can only have so many PPM of this one, of  
2 lead here, and so many PPM of mercury and actually do  
3 the test with the animals. The same way they do with  
4 the mussels and clams with TPH. You find out, yes,  
5 this lethal dose in this combination is this level.

6 Right now, the way the calculations are done  
7 is each individual contaminant is studied to find out  
8 what the lethal dosage is for that particular  
9 contaminant.

10 MR. ONGERTH: You're repeating yourself. I  
11 heard that before.

12 Focus in on what you think ought to be done.

13 MR. ALLMAN: I'm saying it needs to be  
14 considered in deciding what to clean up.

15 MR. ONGERTH: I don't understand what you  
16 mean by being considered.

17 I'm trying to get a handle on where you  
18 think we ought to go, the RAB.

19 MR. ALLMAN: All I'm saying, as a member of  
20 the RAB, I'm proposing to the regulators and the Navy,

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1 when they make their decision, I mean, basically, you  
2 take the risk assessment data, you take the raw data  
3 that comes back with the calculations, you look at  
4 what the use is going to be of the site, you take  
5 several factors that go together to make the final  
6 decision of how much do we have to clean up this piece  
7 of land in this one area, in this tract or zone or  
8 whatever. So this is just something else that is put  
9 into that equation where the management is getting  
10 together and deciding, this is what needs to be  
11 cleaned up.

12 That's not our function.

13 I'm just bringing it to your attention  
14 because it's not being considered right now, and it  
15 typically isn't considered where the regulators work  
16 with different institutions to clean some area up.

17 But because of the unique situation at TI  
18 and other bases, where the waste is all thrown into  
19 one place, that's basically the garbage dump for all  
20 the chemicals, which is consistent, I think, in a lot

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1 of the bases around the country, then you have more of  
2 a problem with mixed wastes which you may not have,  
3 which may not have been needed to be considered  
4 because they are a very low waste risk.

5 MR. ONGERTH: Are you suggesting this is  
6 something the regulatory groups, the state, the  
7 federal EPA should consider in their action with  
8 relation to these cleanup stages?

9 MR. ALLMAN: Yes, that's definitely what I'm  
10 saying.

11 It's not our decision to make.

12 All I'm saying is, this is something that I  
13 have come across in my reading that I think needs to  
14 be considered that has enough foundation and study to  
15 show that it's something that could conceivably be  
16 done realistically to find out where a particular site  
17 needs to be cleaned up to a greater level than might  
18 be thought otherwise, using only the standard factors  
19 used today.

20 CO-CHAIR SULLIVAN: John, we will take the

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1 information you have given us and look at it in more  
2 detail, and we will also be having future special  
3 meetings, as you know, regarding the remedial  
4 investigation report, and I'm sure once when we get  
5 into the feasibility study, too, so I think we will  
6 have some additional forums.

7 Thanks for bringing this issue into the mix.

8 I wanted to take the opportunity, and sorry  
9 for not having introduced Mr. Tom Huetteman, who is  
10 basically Rachel's boss.

11 MR. HUETTEMAN: Former boss.

12 CO-CHAIR SULLIVAN: Ex-boss.

13 MR. HUETTEMAN: Former supervisor.

14 CO-CHAIR SULLIVAN: Tom will be involved  
15 with the Treasure Island project, at least in the  
16 interim until Rachel's replacement is in place.

17 MR. HUETTEMAN: Right, which I hope will be  
18 soon.

19 Glad to be here.

20 CO-CHAIR NELSON: Welcome, Tom.

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1 MR. ONGERTH: Tom, could you give us a  
 2 reaction to what John has just been saying?  
 3 MR. HUETTEMAN: Sure.  
 4 Actually, I wrote a note to our toxicologist  
 5 on the side here asking her to take a look at the  
 6 issue.  
 7 I'm aware that the whole issue of  
 8 synergistic effects is -- well, let me preface it by  
 9 saying that I'm not a toxicologist.  
 10 But it is an important issue. I think my  
 11 impression is, for the toxicological community, it's a  
 12 difficult one to get a handle on because perhaps in  
 13 the terms of setting, when you talk about setting  
 14 standards, there are complications about how many  
 15 different combinations you could potentially have.  
 16 So there is an issue about, and I'm not  
 17 aware of what the testing would require, what would be  
 18 involved in terms of testing individual chemical  
 19 mixtures. It could be a complicated exercise.  
 20 But it's an important issue to consider.

1 It's one in which -- John is correct -- it's not  
 2 normally considered. I think there are some technical  
 3 and program reasons why that is, but it is a concern  
 4 that we should take into account.  
 5 So I will ask our toxicologist about this  
 6 issue, and I think perhaps -- has she been involved in  
 7 some of the prior meetings? You've had some technical  
 8 sessions before?  
 9 CO-CHAIR SULLIVAN: Yes. In our cleanup  
 10 team meetings.  
 11 MR. HUETTEMAN: Right.  
 12 Our toxicologist has come, I don't know if  
 13 she has come to this RAB, but she has come to quite a  
 14 few of the RABs in California.  
 15 CO-CHAIR SULLIVAN: Yes. She has  
 16 participated in at least one of our workshops on human  
 17 health risk.  
 18 MR. HUETTEMAN: All right.  
 19 CO-CHAIR SULLIVAN: Okay. Our next item is  
 20 a carryover from last month, and that's to introduce

1 the representative from the Bay Area Defense  
 2 Conversion Action Team, or otherwise known as BADCAT,  
 3 to discuss the environmental technology, or the  
 4 presentation of the technology needs assessment, wh  
 5 is out in draft form.  
 6 I will let you have the floor.  
 7 I do have one quick question, though: Was  
 8 the technology needs assessment sent out or going to  
 9 be sent out to the individual RAB members, or is that  
 10 something that we need to do?  
 11 MS. EVANS: It is something that I hold in  
 12 my hand right now.  
 13 CO-CHAIR SULLIVAN: Okay.  
 14 MS. EVANS: It's been sent to the BRAC team  
 15 cleanup members and now is the first time.  
 16 CO-CHAIR SULLIVAN: So what I will have to  
 17 do is send out additional copies to anyone who wasn't  
 18 here tonight.  
 19 MS. EVANS: Right, and I have more copies I  
 20 can give to you.

1 This is asking for the areas that we might  
 2 draw you to look at and review outside of this  
 3 meeting, since I know we don't have time for that now.  
 4 Some background: I work for BADCAT, which  
 5 is a project, the Bay Area Economic Forum, whose  
 6 mission is to expedite base conversion at the  
 7 facilities throughout the regions that are closing.  
 8 Coming from an economic point of view, how  
 9 can they be revitalized? Certainly, one of the  
 10 pressing issues to conversion was in cleanup. And so  
 11 the Bay Area Economic Forum created a working  
 12 partnership that involves U.S. EPA. They are on our  
 13 steering committee. CAL EPA is also a partner. The  
 14 Navy is represented by both EPA West, Rich Ferris is  
 15 here tonight with them; and Naval Facilities  
 16 Engineering Service Center, Karla Jenkins is here  
 17 representing that agency.  
 18 There is also the Bay Area Regional  
 19 Technology Alliance, Career/PRO and Chevron Technology  
 20 Research that make up the membership that are loc

1 at ways that innovative and emerging technologies can  
2 be utilized to expedite the cleanup at lower cost to  
3 retain the quality that's expected, safely and faster.

4 So we have sort of a program of technology  
5 demonstration. There are two demonstrations at  
6 Hunter's Point for site characterization and also soil  
7 washing, volume reduction technology.

8 But through our pilot demonstrations, we  
9 then looked at and wanted to get a sense of what we  
10 were doing as a region to fit well with the priorities  
11 of specific sites. So we have begun this process. We  
12 started right around the time we completed that first  
13 pilot demonstration at the beginning of this year,  
14 talking with each of the BRAC cleanup teams and RPM  
15 about the needs that were perceived at each of the  
16 sites.

17 Our original efforts had focused at the mass  
18 volume that is present here in the region, and the  
19 contaminants of concern were petroleum and metals.

20 But we wanted to check back and see if there

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1 were other areas that were more specific, certain  
2 problems we could get a handle on that made sense to  
3 identify regional responses, too.

4 From those meetings, we really heard that  
5 there is a lot of concern throughout the region about  
6 how to address groundwater, particularly long-term  
7 monitoring. It's a pregnant question about sediments:  
8 How can sediment contamination be addressed? Can it  
9 be addressed with technology and so forth?

10 So we come tonight asking for: Are there  
11 other areas of concern in this report?

12 On page 18, we have tried to characterize  
13 what we heard so far about your site, but not being  
14 able to meet with your representatives in meetings  
15 there, certainly we want feedback on how to  
16 characterize that correctly, and are there other  
17 additions that we need to make to specific sites?

18 And then what kind of response as a regional  
19 organization can be helpful to you? How can we get  
20 the information on technology demonstrations to you?

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1 Are technology forums useful? What other mechanisms  
2 should we put into place?

3 And so with that, my long monologue ends.

4 I really want to just go back to questions  
5 that people have, either about what our process has  
6 been, materials that you want to give to me to include  
7 in the report.

8 I don't have overheads but I have pen and  
9 paper.

10 And also to let you know that we would like  
11 any written comments through the end of this month.  
12 We will be working on the final draft of that.  
13 Unfortunately, we missed the last meeting. We didn't  
14 know we were on the agenda.

15 CO-CHAIR SULLIVAN: Well, would it be  
16 possible, the next subcommittee meeting of the RAB is  
17 on the 9th of September, and we probably would like to  
18 have the opportunity to take the time, take up until  
19 that time. We may be able to more easily capture any  
20 comments at that meeting.

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1 MS. EVANS: Okay. I think that we can make,  
2 we should, as you've accommodated us twice on your  
3 schedule, we should reciprocate in accommodating that.

4 So if we could get comments from that,  
5 substantive responses, we would appreciate that.

6 MS. MENDELOW: So this organization is, they  
7 are interested in going to different sites and trying  
8 out these technologies for cleanup, is that the idea?

9 MS. EVANS: Right.

10 MS. MENDELOW: And it leads to particular  
11 problems here. They are something the group has  
12 decided they would like to work on?

13 MS. EVANS: We initially looked at those two  
14 areas of contamination -- petroleum and metals -- but  
15 we are now asking the question, are there other areas?  
16 Is PCB, you know, what contaminants of concern do you  
17 have on this site, and where are there links to other  
18 sites?

19 And then we have vendors that self-fund  
20 their technology demonstration, as far as research and

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1 development, they come to the site, they do a  
2 demonstration in existing conditions, and then they  
3 look for mechanisms for technology transfer so that it  
4 can be used throughout the region on similar problems.

5 MR. HEHN: What was the success of your two  
6 demonstration projects at Hunter's Point, in general?

7 MS. JENKINS: Right now we have draft  
8 reports in from both of the technology vendors.

9 The soil washing technology was able to get  
10 down to industrial levels for all metals and was able  
11 to get down to residential for most levels, with the  
12 exception of lead and antimony.

13 MS. WALTERS: What parcel is that?

14 MS. JENKINS: Parcel E.

15 MS. WALTERS: Was it part of the landfill?

16 MS. JENKINS: No. It was a former scrap  
17 yard.

18 MS. EVANS: Right by the rail museum.

19 MR. HUETTEMAN: What they used is a small  
20 cleanup. It was a demonstration. They didn't use

1 that much soil.

2 MS. JENKINS: We processed probably about  
3 five tons of soil, total. It was a small pilot scale  
4 demonstration of the technology.

5 The other technology was a field screening  
6 technology for metals. They were able to provide a  
7 very quick turnaround and were definitely an advantage  
8 to have with the soil washing technology.

9 The soil washing technology was able to be  
10 optimized in the field because of the immediate  
11 results of the field screening tool that was used.

12 MS. CASSA: And what was the nature of that  
13 tool?

14 MS. EVANS: XRF.

15 CO-CHAIR NELSON: Could you explain what  
16 that is?

17 MS. EVANS: I can't.

18 MS. JENKINS: It's EDXRF: Energy dispersive  
19 x-ray fluorescence.

20 Basically, it shoots an x-ray at a sample, a

1 soil sample, and it's able to tell you the level of  
2 contaminant.

3 MR. ALLMAN: Spectroscopy.

4 MS. EVANS: We also have a technology  
5 demonstration in the works that is now in site  
6 preparation for Mare Island, which is an institute  
7 thermal absorption technology. That came out of a  
8 technology addressing petroleum. In that particular  
9 site, we look at how well it will address PCBs.

10 MR. HEHN: One other question. We talked  
11 about this at the interim RAB meeting: Were we  
12 thinking that somebody from BADCAT would attend that  
13 meeting to discuss those items with us or just discuss  
14 the results?

15 CO-CHAIR NELSON: I think develop some  
16 feedback for BADCAT.

17 MR. HEHN: Okay.

18 MS. EVANS: We would be happy to attend if  
19 you want.

20 MR. ALLMAN: Are these all new technologies

1 for remediation and screening, or are you also  
2 applying some of the standard methods like  
3 Phytoremediation?

4 MS. EVANS: Actually, we were just talking  
5 about that at another meeting at Moffett where they  
6 were looking at some issues, but the partnership,  
7 BADCAT ETP, has not addressed Phytoremediation and the  
8 options for it.

9 MS. JENKINS: If it's something that looks  
10 like it's a regional need at several of the bases  
11 throughout the Bay Area, that they might be interested  
12 in seeing Phytoremediation technology, we would.

13 MR. ALLMAN: The reason I brought up  
14 Phytoremediation, that's one where a lot of work has  
15 been done recently using different types of plants  
16 when the technique was first developed. They used to  
17 use, I guess, sunflower plants that take up a lot of  
18 lead.

19 MS. WALTERS: It's mustard now.

20 MR. ALLMAN: Mustard now.

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1 And then also there are button plants, which  
2 are very similar to mustard plants.

3 So there are new plants to be used to test  
4 out the sites, since one of the things that people  
5 look for when they test these techniques is a  
6 contaminated site to test on.

7 But there are also a lot of other  
8 techniques. On the U.S. EPA home page, in fact, there  
9 is a page called CLU-IN.COM, which has very simple and  
10 easy to understand pictures about 11 different  
11 remediation techniques that are used today. It's  
12 basically PDF documents that you can download off the  
13 Web and print off at your office or home.

14 You get a real good feel for how these  
15 different processes work other than just reading about  
16 them in a single spaced document with all words. It's  
17 sort of cartoonish in the way they describe it. It's  
18 designed for the person who doesn't have a high level  
19 technical background to understand how these are done.

20 I think a lot of those could be applied with

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1 newer literature searches, newer approaches.

2 MS. EVANS: Actually, I was just on the  
3 phone yesterday, I believe the Presidio has just done  
4 a study that they are getting results back on  
5 Phytoremediation, and if the study is successful, they  
6 would be interested in us giving information to the  
7 Naval sites in the region, and to also know about it.

8 CO-CHAIR NELSON: Thank you very much for  
9 your presentation. I think we are well over our  
10 agenda time here.

11 CO-CHAIR SULLIVAN: All right. We need to  
12 move into our BRAC cleanup process.

13 Lynn, how are you holding out?

14 MS. SRINIVASAN: Fine.

15 CO-CHAIR SULLIVAN: Our first item up is a  
16 short presentation on the Site 12 investigation work  
17 plan.

18 I think this can probably be fairly brief  
19 because we did have an opportunity to work with  
20 several of the RAB members through a couple of

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1 iterations of the plan.

2 So before it was even first published, which  
3 is something we hadn't always been able to do in the  
4 past, so with the publication of the plan for those  
5 RAB members who were involved in the process, it will  
6 look somewhat familiar.

7 So now it is in draft form. We would like  
8 to get any comments you might have, and we are  
9 expediting the completion of this work plan so that we  
10 can, if we get the funding which we think we can, we  
11 can get out into the field by the end of September,  
12 early October.

13 I will turn it over to Rich.

14 MR. KNAPP: Actually, as Jim said, a lot of  
15 you have already seen essentially what this map  
16 portrays. I know a lot of you probably won't be able  
17 to see some of the dots there, et cetera, so I will  
18 try to put on a few overheads here.

19 All right. What I will talk about just  
20 briefly tonight, essentially, is what is in this draft

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1 work plan which was issued on August 12th. It's been  
2 out a little while but not too long.

3 I think you pretty well see the slides  
4 anyway.

5 MR. ALLMAN: Do we have a handout for this?

6 CO-CHAIR NELSON: No handouts.

7 CO-CHAIR SULLIVAN: We don't, but we may be  
8 able to copy some slides while we are in the building  
9 here tonight.

10 MR. KNAPP: Essentially, a little  
11 background.

12 When the RI was conducted, the remedial  
13 investigation was conducted at Site 12, basically it  
14 was to investigate the nature and extent of potential  
15 soil and groundwater contamination at known or  
16 suspected areas, where we thought that there were  
17 sources from historical information, aerial photos,  
18 things of that sort.

19 Site 12, of course, is a big site. It  
20 covers a lot of acres. There are some areas of Site

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1 12 that were not investigated as part of the remedial  
2 investigation because they were outside the suspected  
3 source areas.

4 One of the reasons the investigation was  
5 done in that manner is that, at the time, the RI was  
6 based on the idea that much of Site 12 would be a  
7 wetland or perhaps a recreational area of some sort.

8 However, with the current reuse plan,  
9 residential use is planned for most of Site 12.

10 So what this investigation is doing is,  
11 basically, it's designed to look at some of these  
12 areas where we haven't investigated during the RI to  
13 see if there might be some contamination present in  
14 areas outside of suspected sources.

15 So I think the word here that I want  
16 highlighted is "confirm." In other words, this is  
17 going the extra mile to look in those areas to  
18 essentially cover the Site 12 area in almost a blanket  
19 fashion, if you will.

20 \*On the map, there are several dots. What

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1 it represents is a grid that's been laid over Site 12.  
2 It's a grid with 200 feet on a side, the grid  
3 intersection, if you look at that point on Site 12,  
4 and look for 100 feet around that point for data  
5 that's already been collected during the remedial  
6 investigation, whether it be soil data, groundwater  
7 data or both.

8 And if, in fact, we don't have that data  
9 within 100 feet of that sample grid intersection, then  
10 we select that point for soil and/or groundwater,  
11 whatever data we don't have.

12 So using that process and counting up the  
13 squares there, we come up with 112 soil and 49  
14 groundwater samples that are recommended in the work  
15 plan.

16 Now, each location, each one of these dots  
17 at the grid intersections, we're taking two soil  
18 samples, one near the surface and one just above the  
19 water table.

20 And, then, of course, if we are collecting

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1 groundwater at this point, we are taking a water  
2 sample from the water table itself, which, I guess, I  
3 just said, so this helps you get to those numbers I  
4 had up there before, the 112 soil and 49 water.

5 As far as what the samples will be analyzed  
6 for, it's quite a suite: Volatile organic compounds;  
7 semi-volatile organics; TPH purgible, the gasoline  
8 fraction of the petroleum hydrocarbons; TPH  
9 extractible, which is more of a diesel motor oil, and  
10 metals.

11 The analysis will be performed at an  
12 off-site analytical laboratory.

13 Once we have the data, what we will use it  
14 for, of course, we will provide the report that  
15 documents the findings.

16 But, essentially, what we need to do is,  
17 again, look at the risks that we have, run a  
18 residential risk assessment using the data, combining  
19 that data that we just gathered with the data from the  
20 remedial investigation.

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1 So we will be doing that and documenting  
2 things in the RI report addendum.

3 And then, finally, when is this going to  
4 happen? Well, I don't really know the answer to that  
5 right now, and the reason I say that, funding is not  
6 officially approved yet.

7 I think Jim may talk a little bit about the  
8 fact that it's likely, and we feel that there will be  
9 funding. We are not sure if there will be sufficient  
10 funding to cover this rather ambitious sampling that I  
11 have outlined.

12 We hope that if we do get funding as  
13 anticipated, that we can go out in the field in  
14 October. I think it will take four to six weeks to  
15 collect the data.

16 Of course, there is always a fair lag as far  
17 as getting the chemical results back from the  
18 analytical laboratory.

19 So we are looking at having all the data,  
20 looking at it, running a risk assessment and product...

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1 the report in the January 1998 time frame.  
2 So that's really the outline of the work  
3 plan.  
4 If people want to take a closer look at the  
5 break, or something like that, I would be glad to show  
6 them the map and discuss some of the methodology used  
7 to select.

8 MR. ONGERTH: Regarding the groundwater, do  
9 you have a rationale about the means of public  
10 exposure to the groundwater?

11 MR. KNAPP: No.

12 There shouldn't be any completed pathway  
13 with the groundwater, per se.

14 MR. ONGERTH: I didn't understand some of  
15 those words, please.

16 MR. KNAPP: Okay. There is no known way  
17 that a human being can be a receptor to the  
18 groundwater using, I mean, a common sense sort of  
19 approach. In other words, there is no drinking water  
20 sources from the groundwater at TI.

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1 There is no springs or surface water  
2 manifestations of the groundwater, things of that  
3 sort.  
4 So, really, what we are doing is looking at  
5 where there might be groundwater problems that could,  
6 in fact, the bay, the ecological organisms that have  
7 lived in the bay.

8 MR. ONGERTH: Thank you.

9 MR. KNAPP: John?

10 MR. ALLMAN: So, I guess, is there going to  
11 be stated in the sales property that you can't find a  
12 garden in the residential areas?

13 MS. WALTERS: You mean a deed restriction?

14 MR. ALLMAN: A deed restriction.

15 Because one use of the groundwater starting  
16 to surface, for example, Recreational and Parks  
17 Division wants to do some planting around the Marina  
18 area.

19 That, in my opinion, constitutes use of the  
20 groundwater. You're not drinking it, but you're

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1 bringing, or you could be bringing contaminants up  
2 into whatever is planted there.  
3 So if you have some tomatoes and you use  
4 groundwater to grow your tomatoes, then they may pull  
5 in some contaminants into the juice of the tomato, and  
6 then somebody eats the tomato.

7 That's a possible pathway, but I think it's  
8 not commonly considered a pathway.

9 MR. KNAPP: We have a real shallow water  
10 table, admittedly, it's fairly shallow at Site 12.

11 Usually, people worry more about what's in  
12 the soil. If you have contaminated soil, what plants  
13 will bring up, you know, we were just talking about  
14 Phytoremediation and that sort of thing.

15 There may be lease restrictions in some  
16 portions of TI for home-grown produce.

17 MS. WALTERS: Yes, more than likely. The  
18 city is very aware of that.

19 MR. KNAPP: We consider it in the risk  
20 assessment.

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1 MS. WALTERS: Actually, I have a question  
2 for Jim.

3 I'm really unclear about this funding issue.  
4 About a month ago, there was a problem about the full  
5 funding.

6 CO-CHAIR SULLIVAN: Yes.

7 MS. WALTERS: And now you're talking about  
8 the partial.

9 You said it was fine, and now it's come up  
10 again like it's a question mark, so I'm curious.

11 CO-CHAIR SULLIVAN: Well, Richard is  
12 speaking from the standpoint of being the consultant  
13 who has not yet received the signed contract  
14 authorizing them to proceed.

15 But I was going to state in my further,  
16 later discussion on the budget, the Navy has already  
17 made a commitment to Mayor Brown that we will do this  
18 investigation.

19 We already have pretty much a substantial  
20 portion of the funding already allocated, and there is

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1 other funding that's being freed up.  
2 There is no doubt that our number one  
3 priority for further funding right now is the Site 12  
4 investigation.  
5 MS. WALTERS: So you're saying that you have  
6 full funding to do the investigation and the follow-up  
7 report.  
8 CO-CHAIR SULLIVAN: We set aside funding  
9 prior to the work plan being developed to complete the  
10 whole job.  
11 The work plan is a little larger than we  
12 originally anticipated because we didn't see what the  
13 draft looked like.  
14 So, consequently, it's probably going to  
15 cost us a little more than anticipated.  
16 But so far, it looks like we will have  
17 access to the additional funds to do it.  
18 MR. GALANG: Yes.  
19 Working on it, I think, 99 percent, this  
20 will be my number one project.

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1 CO-CHAIR NELSON: Paul?  
2 MR. HEHN: One quick question.  
3 What's the depth of the groundwater out  
4 there, Richard?  
5 MR. KNAPP: I would say anywhere from three  
6 to six feet is probably pretty typical.  
7 MR. HEHN: In an extremely wet year, has it  
8 ever occurred -- maybe Jim can answer that question,  
9 too -- do you ever get groundwater rising to the  
10 surface or near surface conditions?  
11 CO-CHAIR SULLIVAN: The northeast corner  
12 near Building 461 appears to be the lowest point,  
13 maybe the lowest point on the base.  
14 During high tide conditions, the area  
15 closest to the levy does occasionally have some  
16 surface wetting.  
17 What proportion of that wetting is the bay  
18 water, the other portion is the groundwater, you know,  
19 I don't know. But it is in fairly close proximity to  
20 the levy and not far inland.

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1 MR. KNAPP: When we have done quarterly  
2 monitoring, we have a lot of wells that are really  
3 quite close to the bay.  
4 Just off the top of my head, I can't  
5 remember anything shallower than about two and a half  
6 feet in any season, and by and large, that wouldn't be  
7 an occurrence.  
8 MR. HEHN: Over how many years?  
9 MR. KNAPP: Well, we updated since '92, so  
10 it's probably about eight or nine events.  
11 But if we get a full-blown El Nino . . .  
12 MR. ALLMAN: We will this year, apparently.  
13 CO-CHAIR NELSON: John?  
14 MR. ALLMAN: Yes.  
15 I'm curious. My assumption is, and I think  
16 this is correct, the level or the intensity of the  
17 offshore sampling for the offshore sampling plan was  
18 based on what is found on site, on the land?  
19 Basically, how intense you survey offshore  
20 at a certain point for certain contaminants is based

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1 on what is in that area that might be affecting that  
2 part of the sediment in the bay?  
3 MR. KNAPP: Well, I think they targeted the  
4 storm drains, in particular, as likely conduits for  
5 contamination to the sediment.  
6 MR. ALLMAN: All right. So is that, if we  
7 find other hot spots other than where we found them  
8 before, now that we are doing this grid setup, is that  
9 going to affect the sampling offshore? There possibly  
10 will be more sampling offshore to see if higher  
11 concentrations on land affected that.  
12 Basically, you find some new contaminant at  
13 a certain part, even if you're looking at a point  
14 source discharging into the bay, and you then go back  
15 and sample the sediments at that discharge point for  
16 the new contaminant that you just discovered in that  
17 area of the island.  
18 CO-CHAIR SULLIVAN: You're talking about a  
19 source on land discharging a contaminant overland into  
20 the bay, but not via the storm drain system, is that

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1 it?  
2 MR. ALLMAN: I'm saying either way.  
3 For example, if you have it on land, then  
4 storm runoff in any heavy rain condition, then it  
5 carries it into the storm drain as an offshore  
6 sediment.  
7 But, also, too, I imagine you get seepage  
8 just through the groundwater, which probably the well  
9 data will tell us the likelihood of that.  
10 But you sample sediments to see what is  
11 being carried off into the sediments from either  
12 subsurface or surface contamination.  
13 CO-CHAIR SULLIVAN: Just to be clear, the  
14 use of sediments sometimes gets confusing as to which  
15 sediments we are talking about.  
16 There is sediments in the storm drain  
17 system, some sediments, and then there is the  
18 sediment, the underwater sediment in the bay.  
19 MR. ALLMAN: Right.  
20 The sediments I'm concerned about are the

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1 ones that are going to interact with the ecosystem in  
2 the bay, the things that are going to be on the  
3 sediments and the slopes.  
4 So, however it gets there, to me, is  
5 irrelevant.  
6 MS. CASSA: I thought I heard John ask the  
7 question about if there is a new chemical discovered  
8 during this grid that we haven't analyzed for  
9 offshore, then would the Navy go and analyze for that  
10 new chemical offshore?  
11 I think the regulators would probably ask  
12 the Navy to do further investigation for a new  
13 chemical that had never been detected before that was  
14 detected.  
15 CO-CHAIR NELSON: Sure.  
16 MR. ALLMAN: Okay. And then worry about the  
17 funding.  
18 Thank you very much.  
19 CO-CHAIR SULLIVAN: The closeout on the  
20 comment period on this document, I believe, is in your

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1 document list that was mailed out with the agenda.  
2 I think it's right at the end of this month,  
3 because it's only about a two-week comment period. I  
4 think it's the 28th.  
5 MR. GALANG: The 28th.  
6 CO-CHAIR SULLIVAN: So that's prior to the  
7 next interim meeting.  
8 CO-CHAIR NELSON: How many people on the RAB  
9 have received this document (indicating)?  
10 CO-CHAIR SULLIVAN: We sent the document to  
11 the, basically, the typical six.  
12 MR. GALANG: On the technical subcommittee.  
13 CO-CHAIR NELSON: I did not get a copy and  
14 would like one sent to me.  
15 MR. HANSEN: Are there more copies tonight?  
16 CO-CHAIR NELSON: Richard, do you want a  
17 copy, would you like one?  
18 MR. HANSEN: Yes.  
19 CO-CHAIR SULLIVAN: We could give you one  
20 tonight.

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1 We didn't send it UPS.  
2 (Laughter.)  
3 CO-CHAIR SULLIVAN: All right. And the  
4 reason we put the order of the presentations tonight,  
5 where we put the Site 12 presentation is kind of  
6 setting the stage for the Zone 4 FOSL, and so that's  
7 our next item that's up.  
8 We have a brief presentation, and then we  
9 wanted to take your comments that you may have on the  
10 Zone 4 FOSL.  
11 That document has been out, and I hope that  
12 everyone in the technical subcommittee who normally  
13 receives them received a copy of the Zone 4 draft  
14 FOSL.  
15 It was mailed out about the 12th or 13th of  
16 the month, and so we are having a 30-day comment  
17 period with comments due on the 13th of September.  
18 This, along with the Zone 3 FOSL, both being  
19 primarily residential areas, is a very, very high  
20 interest area to the City of San Francisco.

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1 So that's why we are working with them and  
2 with you to try to get these zone FOSLs completed as  
3 soon as we can.

4 CO-CHAIR NELSON: All right. Before we get  
5 started, I would just like to do a time check.

6 We are at about 8:15, and we have two items  
7 on the agenda that have been deferred: One is the  
8 fuel line removal project, which is a 15-minute item,  
9 and also any discussion of the meeting minutes, which  
10 is a 10-minute item.

11 But in the interests of time, I think we  
12 will be brief, I hope, in our comments to keep on  
13 schedule here, and if it looks like we are going over,  
14 I would like to point out that we do have the index  
15 cards available for people to write their comments  
16 down so that those comments can be responded to in  
17 subsequent meeting minutes.

18 MS. WALTERS: I have a question, Pat: Is it  
19 possible that we will go over the budget before the  
20 break?

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1 Is that really going to take 15 minutes,  
2 Jim?

3 CO-CHAIR SULLIVAN: No.

4 I can give you the abbreviated version, or  
5 maybe I can give you the abbreviated version during  
6 the break if you need to leave earlier.

7 MS. WALTERS: Okay.

8 CO-CHAIR SULLIVAN: And just pointing out,  
9 too, the comment period for the Zone 4 FOSL extends  
10 through the next interim meeting, so for those of you  
11 who might attend the interim meeting on the 9th, that  
12 would also be during the comment period.

13 CO-CHAIR NELSON: I think this is a very  
14 important presentation, but I did also want to pay  
15 attention to the agenda times.

16 MS. SRINIVASAN: You will have to excuse me.  
17 I woke up this morning with laryngitis.

18 I would like to pass out the overheads. And  
19 in addition to that, I know some of you did receive  
20 the Zone 4 report. We have only eight sets, so if you

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1 guys don't mind sharing, that would be great.

2 CO-CHAIR NELSON: Are these the reports  
3 (indicating)?

4 MS. SRINIVASAN: Yes.

5 I kind of wanted to give you the results of  
6 what we talked about last month, where we presented an  
7 approach on how to deal with the lead in soil issue at  
8 Site 12.

9 We had talked about, in trying to evaluate  
10 the lead in soil at Site 12, the potential reuse for  
11 lessees.

12 What we had done was, we calculated a  
13 Treasure Island specific lead concentration equivalent  
14 to a 10 microgram per deciliter blood level.

15 Basically, we took the DTSC blood spread  
16 model and filled in our result of what we wanted of 10  
17 micrograms per deciliter to back calculate what a soil  
18 concentration would be.

19 Once we got that information, as we had  
20 talked about at the last meeting, we thought we would

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1 try and see if there was some sort of distribution of  
2 lead in IR Site 12 at the surface level as a potential  
3 risk to children or adults who may use the housing out  
4 there.

5 We calculated, using the DTSC model, two  
6 concentrations:

7 We calculated a concentration including the  
8 injection of home-grown produce. We wanted to  
9 evaluate whether or not somebody could have a garden  
10 in their backyard.

11 And then we calculated it excluding that.

12 We actually had two concentrations: 216  
13 milligrams per kilogram of lead and 463 milligrams per  
14 kilogram of lead.

15 CO-CHAIR SULLIVAN: So these would be  
16 targets.

17 MS. SRINIVASAN: Right.

18 We started off with the more conservative  
19 number, the 216 number. Basically, what we did, we  
20 took that number and we assumed that pretty much

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1 everything less than that, it would be fine and okay  
2 for a child to ingest vegetables or whatever.

3 So I believe on your Figure 2 dash 3 in your  
4 Zone 4 report, and one of the ones that I handed out,  
5 basically, has the concentrations on there greater  
6 than 216 milligrams per kilogram.

7 We were trying to look for a distribution  
8 pattern and whether we could get a clear idea if there  
9 was a source and where it was coming from or what was  
10 going on there.

11 Based on that math, we didn't really find  
12 one.

13 We then took the data, and actually all the  
14 lead concentration data at IR site, and compared it to  
15 a cumulative frequency graph to look at where we would  
16 potentially find outlying concentrations, because we  
17 didn't see any distinct distribution when we graphed  
18 it on the map.

19 What we found, when you look at Figure 2  
20 dash 4 in your handout, there were really only 4

1 points out of 183, I believe, or actually more than  
2 that that exceeded the 400 milligrams per kilogram  
3 number, which is the EPA region PRG, and also exceeded  
4 the 463 Treasure Island specific concentration, which  
5 was the number that excluded ingestion of home-grown  
6 produce.

7 Of those four concentrations, one  
8 concentration of the 15,478 was from the lead-based  
9 paint study that PWC Norfolk did back in, I believe,  
10 '95 or '96.

11 In that study, that 15,000 number, even  
12 within all of the other lead data collected during the  
13 lead-based paint study seemed way out of whack in  
14 comparison to everything else.

15 Although they don't describe the samples,  
16 they do describe where they collected them from.

17 Basically, we are attributing that really  
18 high level to a paint chip in that particular sample.  
19 It just seemed so far out of line, that that's sort of  
20 where we are coming up with that number.

1 The other three numbers are more in sort of  
2 the target range of where we expected the elevated  
3 levels of lead to be: 578, 774 and 864.

4 And so we took that information and we  
5 further evaluated that -- and that's on Figure 2 dash  
6 5 in Zone 4 report -- and we took those data points  
7 and basically, then, plotted all the data around those  
8 three points to see whether or not there was some sort  
9 of trend with those data points, or whether they  
10 seemed to be isolated areas, or how things were  
11 showing up based on distribution.

12 We didn't really find anything. We found a  
13 lot of things below the 216 number that we had  
14 calculated, including home-grown produce.

15 If you look at the map, it really appears  
16 that they are sort of spread out. They are not really  
17 in the location that you would expect, so we are  
18 concluding that because there is the three locations,  
19 they are really isolated areas.

20 We don't expect children to be playing in

1 these particular three locations out of the entire IR  
2 Site 12 Reuse Zone 4 area, so we don't feel that there  
3 is really a risk to children.

4 However, we are recommending that we do put  
5 a lease restriction on growing home-grown produce in  
6 this area.

7 MR. HANSEN: How deep were the samples?

8 MS. SRINIVASAN: Surface, they were surface  
9 samples. We only evaluated surface samples. I think  
10 they were zero to two feet.

11 MR. HANSEN: What would the cost be to take  
12 off the top two feet?

13 MS. SRINIVASAN: Of those three locations?

14 MR. HANSEN: No, the whole area.

15 CO-CHAIR NELSON: It seems to me these  
16 locations might also be some of those that would be  
17 explored further when the site work plan is being  
18 implemented.

19 I'm wondering if it wouldn't be worthwhile  
20 to test those areas a little further than already

1 planned.

2 MS. SRINIVASAN: I'm not sure, Richard, what  
3 is in there.

4 But if you're looking at, if you're looking  
5 at your Figure 2 dash 5, I think part of the reason  
6 that we --

7 CO-CHAIR NELSON: 2 dash 3 is what I'm  
8 looking at.

9 MS. SRINIVASAN: Right.

10 In 2 dash 3, we looked at those and we  
11 picked out the four points there that were above the  
12 463 number.

13 CO-CHAIR NELSON: Right.

14 MS. SRINIVASAN: And in some of those areas,  
15 I'm not exactly positive how the grid fits over that  
16 and what all the data points are anywhere, so there  
17 may be some of those areas.

18 CO-CHAIR NELSON: It seems to me those are  
19 intrusive samples that would be taken in roughly the  
20 same area. It might be worthwhile to find out how

1 deep that lead is.

2 MR. KNAPP: We would take samples if it was  
3 more than 100 feet from these points, if there was no  
4 other sample within 100 feet from them.

5 CO-CHAIR NELSON: It would be interesting to  
6 see.

7 MR. KNAPP: Okay.

8 CO-CHAIR NELSON: I would suggest that such  
9 an overlay be created and that sampling occur in these  
10 areas.

11 MR. HEHN: I guess what you're alluding to,  
12 Pat, do you think the results of the Site 12  
13 additional sampling will change the results of this  
14 particular FOSL study?

15 MS. SRINIVASAN: I don't have a good answer  
16 for you.

17 My gut feeling right now is no, based on the  
18 total numbers of samples that were collected, the  
19 surface soil samples that we analyzed, and the total  
20 number that were outside of our range.

1 Percentage wise, my gut feeling would be no,  
2 because you're going to be collecting, I think, 112  
3 more samples. I don't know if those are surface or  
4 not.

5 But my gut reaction would be no.

6 CO-CHAIR NELSON: Well, somebody's gut  
7 reaction was that there wouldn't really be lead around  
8 the Nimitz complex, and there was all sorts of lead.

9 So it doesn't hurt to explore further if the  
10 opportunity presents itself, which I think it will.

11 MR. HEHN: What is the timing on the FOSL,  
12 do you have any idea?

13 CO-CHAIR SULLIVAN: The timing on the FOSL  
14 is that we would, if we take the comments by the  
15 middle of September, we would be projected to complete  
16 the FOSL by the end of October.

17 In fact, I think the date is somewhere like  
18 around the 24th of October, plus or minus.

19 CO-CHAIR NELSON: John?

20 MR. ALLMAN: Pat brought up the example of

1 the Nimitz House where you found high concentration  
2 of lead.

3 Now, that's one sample of lead where, I  
4 think, was the only contaminant of concern really  
5 found in that site.

6 CO-CHAIR NELSON: And, also, the tens of  
7 thousands parts per million around there, and there is  
8 that one hit here.

9 So there might be something that goes beyond  
10 just paint chips.

11 MR. ALLMAN: I think definitely a more  
12 thorough study should be done.

13 In fact, I'm helping a class set up for  
14 about 100 students to do a surface lead sampling. We  
15 actually decided to use one of our sites on the UC  
16 property.

17 Originally, I considered asking Jim about  
18 having them run out around the housing on the north  
19 end of the island, but I decided he had enough  
20 headaches than to have 100 chemistry students run

1 around out there.

2 CO-CHAIR SULLIVAN: It may be possible.

3 MR. ALLMAN: So we will talk later. It  
4 would be something that would happen the second week  
5 in September and it wouldn't cost you anything.

6 The other thing is, because Site 12 does  
7 have other contaminants on site, I would tend to feel  
8 you should be very cautious to look only at the lead  
9 values for the health effects based on the stuff that  
10 I brought in earlier on synergistic effects.

11 MS. SRINIVASAN: And that's what we talked a  
12 little bit about last month.

13 I don't have a good answer for you. I know  
14 that the IR Site 12 risk assessment, which is what we  
15 had based, we sort of excluded everything except lead  
16 to do this from the results of that.

17 And you're right, it doesn't address  
18 synergistic effects in there. I'm not sure how that's  
19 planned, if it's going to be included or not.

20 MR. ALLMAN: Well, Pat was talking about

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1 being concerned about looking at surface samples other  
2 than surface samples, looking at samples at depth. It  
3 drops off exponentially.

4 MS. SRINIVASAN: Right, and for leasing  
5 purposes, I think that's where we are concerned right  
6 now for this particular effort.

7 And to be able to say whether or not it's  
8 safe to lease, I am concerned with the surface and  
9 whether somebody is going to dig in that first two  
10 feet of soil and whether I'm going to have a child  
11 exposed to it.

12 But you're right about depth, and in the RI,  
13 that's a very appropriate thing to do.

14 MR. ALLMAN: I guess my point I'm trying to  
15 get across, you may want to consider an in-depth study  
16 in a concentrated area, and you may find out that you  
17 can make the area 10 times or 100 times safer for kids  
18 to play on if you remove, say, three inches of  
19 topsoil.

20 MS. SRINIVASAN: Right.

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1 MR. ALLMAN: Or during the leasing time,  
2 until the remediation actually occurs, and it's a  
3 technique that I don't really agree with because you  
4 could have the soil wash away, but you could put  
5 another layer of topsoil over the contaminated soil,  
6 at least while people are living there, so if kids  
7 play around and get dirty, and getting their paper  
8 clips' worth of mass of sand and dirt in their mouths,  
9 they won't get the high levels of lead.

10 CO-CHAIR NELSON: We will have some very  
11 interesting comments.

12 MR. HANSEN: These are relatively new  
13 houses, right, they were all built during the last 10  
14 or 15 years?

15 CO-CHAIR SULLIVAN: Well, no, actually, it  
16 varies.

17 They are not that old, but they were built,  
18 the earliest homes were built in the 1965 to '68 time  
19 frame.

20 There were some more built in '74, and the

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1 latest were built, 200 of the 900 were built in 1989.

2 So, basically, on the average, they are late  
3 '60-ish, early '70-ish.

4 MR. HANSEN: And during World War II what  
5 was there?

6 CO-CHAIR SULLIVAN: Well, originally, it was  
7 open space for the World's Fair. Originally, it was a  
8 parking lot.

9 And during World War II and afterwards into  
10 the '60s, it was an open space. Part of it was used  
11 for ammunition storage bunkers, although that didn't  
12 occupy the entire space.

13 Other portions of the area were kind of a  
14 general open laydown area and vehicle parking and  
15 storage area.

16 It remained relatively devoid of structures  
17 up until the housing was built in the late '60s.

18 MR. HEHN: And, also, there were a number of  
19 disposal trenches, too, were there not?

20 CO-CHAIR SULLIVAN: Yes.

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1 In fact, it was an open space. There were  
2 disposal activities that occurred on the site.  
3 MR. HEHN: One thing I was going to ask  
4 Richard, one of the things we talked about when we  
5 were talking about the Site 12 work plan was trying to  
6 get a fairly rough look at some of the results of the  
7 soil samples and the groundwater samples early on,  
8 even before maybe they were necessarily all gone  
9 through and reviewed, just so that the city would have  
10 some feedback on any potential problems.

11 Is that still in the works to try to get  
12 that kind of quick feedback going to the city?

13 MR. KNAPP: It's not written out as such in  
14 the work plan.

15 I think it's just a practical thing that we  
16 can do to help this along and set priorities and maybe  
17 lay some ground rules on how soon data will come back  
18 and share an early look-see.

19 I think everyone is for that. There is no  
20 formal mechanism at this point.

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1 MR. HEHN: I think it would be real helpful.  
2 I think it would ease a lot of minds, at  
3 least here, that there hasn't been some amazing new  
4 discoveries that have come out of this particular Site  
5 12 work plan. So I would strongly recommend it.

6 MR. GALANG: We can set that once we have  
7 the contract done and we are ready to look at it.  
8 Maybe we could save more for those people who left  
9 earlier.

10 MS. SRINIVASAN: John, I wanted to say one  
11 other thing about the real high lead concentration.

12 The way the PWC Norfolk folks collected the  
13 samples they took, I believe, in the HUD guidelines,  
14 it tells you how many samples to take per unit. So  
15 they took actually a lot of samples.

16 So there were, I don't know how many, maybe  
17 50 to 100 samples collected, and that was the only one  
18 that was in the tens of thousands range in all of  
19 them.

20 So I don't think it's going to be on the

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1 Nimitz House problem based on the total number of  
2 samples that were collected there.

3 CO-CHAIR SULLIVAN: Well, even for the  
4 Nimitz House, even though the original high value  
5 44,000 parts, when we went back and resampled about  
6 five times as much, we were never able to come  
7 anywhere near to duplicating that.

8 I think our average was about 7500 with a  
9 high of 16,000. So some of these extreme high values  
10 seemed to be a little suspect.

11 MR. ALLMAN: Maybe it was skimmed out of the  
12 first sample.

13 Do we know if new topsoil has been laid over  
14 that where there might have been lead contamination of  
15 the soil, and then they re-landscaped the whole area  
16 where what you are measuring is soil added later?

17 CO-CHAIR SULLIVAN: Well, undoubtedly during  
18 the construction of the housing and roads, there was  
19 re-grading.

20 How much, we don't necessarily know, but I'm

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1 sure there was re-grading from the original layout.

2 MR. ALLMAN: So I guess there is more a  
3 higher likelihood of lead contamination below the  
4 surface of the soil at the housing area than, for  
5 example, the Nimitz Housing, where those houses have  
6 been there for years, and that's like what the Admiral  
7 has done to his yard.

8 CO-CHAIR NELSON: Excuse me if I'm being  
9 redundant, but is the work being planned for Site 12  
10 of interest to the city, and is the timing compatible  
11 with the city's intent to lease?

12 MS. WALTERS: Of course it is. It's of  
13 great interest to the city.

14 CO-CHAIR NELSON: Prior to the leasing?

15 MS. WALTERS: Of course.

16 There is tremendous pressure to get things  
17 moving, especially in Site 12. The folks are aware of  
18 it. They are extremely aware.

19 CO-CHAIR SULLIVAN: All right. Any other  
20 questions or comments?

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1 So the Zone 4 FOSL draft is out on the  
2 street. We mailed copies to the technical  
3 subcommittee.  
4 If there is anyone else who would like a  
5 copy, I have at least one extra copy here tonight, so  
6 if there is anyone who hasn't gotten a copy, you can  
7 either take a copy now or see myself and Hugo and we  
8 could mail you a copy.

9 All right. I think we are ready for an  
10 abbreviated break. Normally, it's about 15 minutes,  
11 sometimes bordering on 20. If we could hold ourselves  
12 to ten minutes, we can get back closer to schedule.

13 (Short break.)

14 CO-CHAIR SULLIVAN: Okay. We are ready to  
15 start up again.

16 I'm just going to go through this super  
17 briefly. What I took literally, I went back and found  
18 my presentation from August 26th of last year, and  
19 that was when we were discussing our FY-97 execution  
20 plan. Basically, that's when we set the priority

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1 management units, that was a kind of catchall category  
2 if remediation was needed in an area not otherwise  
3 covered, and to date, we haven't identified that. So  
4 for now, it's a no additional action for that item.

5 The original total was ten million nine,  
6 just about \$11 million.

7 We also had some ongoing projects that were  
8 previously funded.

9 What we found during the course of the year,  
10 towards the bottom of the page, we funded some  
11 additional projects that were not in our original  
12 prioritization. Some of those were outgrowths of the  
13 other projects. We had some additional EBS sampling  
14 to do, which we funded.

15 We funded some additional funds, for the  
16 Corrective Action Plan, to get it ready for removal to  
17 integrate the CAP plan with the planning for the  
18 actual removal work.

19 We have, of course, Site 12 additional  
20 investigation, which we didn't anticipate a year ago.

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1 numbers in the first column.

2 What I did, I went back to that and looked  
3 at what we had actually funded this year. I put a  
4 "yes" or a "no" in the column. So like the first page  
5 here, for example, it's all either "yes" or "no."

6 The second page, we have done a partial  
7 funding of the fuel line removal project and also a  
8 partial funding of the lead-based paint abatement,  
9 meaning that we are working on the Nimitz House  
10 complex, but we haven't yet started work yet on the  
11 other 36 units of pre-1960 housing on YBI.

12 We have also done a partial funding of the  
13 asbestos abatement.

14 The asterisked line on the second page  
15 represented, originally, a year ago, we were given  
16 some indication that everything above the line was  
17 more likely to be funded than items below the line.  
18 But it turns out that even those items above the line,  
19 some of those were unfunded.

20 And then the item number 39, the solid waste

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1 We put some additional tech support funding  
2 in, which is primarily for Site 12 issues.

3 And then we have also seen the need to do a  
4 validation study from the ECO on the RIFS from the  
5 comments we received.

6 So all told, that was an additional \$726,000  
7 worth of work that we have funded or expect to fund.

8 So the grand total at the bottom of page 3  
9 is, we funded about three and a half million dollars  
10 worth of work this year.

11 The amount of work that was not funded is  
12 about seven and a half million dollars, so we funded  
13 about a third of what we originally planned.

14 Although, in so cases, what we had planned  
15 was work that could be deferred, like, for example, we  
16 had the funding, we had planned on the funding to do  
17 the records of decision on the CERCLA sites. We  
18 didn't really have to fund that in fiscal year '97.  
19 It could wait until FY-98.

20 So that was a project that was deferred

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1 without really affecting the program this year.  
2 And there were a couple of other cases of  
3 that, too, where USTs or the remedial investigation  
4 for the fuel line, which we haven't even finished  
5 removing yet, so we wouldn't have gotten any benefit  
6 out of funding that this year.

7 MR. ONGERTH: Jim, it's not clear to me.  
8 When you say, "we funded," did you have 10 million, 11  
9 million available?

10 CO-CHAIR SULLIVAN: No.  
11 We never actually had it in our pocket. It  
12 was a projection of what we would get out of the  
13 federal budget for that year.

14 The funding doesn't all arrive at the  
15 beginning of the year. It's provided in increments to  
16 us out here (indicating).

17 So, consequently, if there is any changes  
18 during the fiscal year, unforeseen expenses by the  
19 federal government, or changes in Congress by Congress  
20 or the President, that may affect what we ultimately

1 receive that year.

2 So we start out with a projection of \$11  
3 million.

4 And even our own estimates, we may have  
5 overestimated something or underestimated something.  
6 So during the course of the year, the actual value of  
7 the contract awarded, the contract might get awarded  
8 for less than we originally thought or more. So over  
9 the course of the year, the \$11 million figure may go  
10 up and down.

11 MR. ONGERTH: What you actually got was the  
12 3.45?

13 CO-CHAIR SULLIVAN: We've actually awarded,  
14 in contract awards, about three and a half million  
15 dollars, or will award it. That includes the Site 12  
16 investigation, which we are expecting to get the  
17 funding for.

18 MR. ONGERTH: Is it fair to say, in essence,  
19 that that's what you were able to get?

20 CO-CHAIR SULLIVAN: Yes. That's basically

1 what we were able to get for this year.

2 If we had gotten more, we would have spent  
3 more. It's not a case of not being ready to spend it.  
4 It's a case of not having it.

5 MR. ONGERTH: That's all you got.

6 CO-CHAIR SULLIVAN: That's all we got.

7 In fact, we have additional work. There is  
8 additional work that could be done on the fuel line  
9 removal if we have the funding.

10 It's possible, we could possibly get another  
11 half million dollars over the next 45 days. If we get  
12 more money, we would award it. Like, for example, to  
13 do additional fuel line removal work or asbestos  
14 lead-based paint.

15 MR. ONGERTH: My recollection is that, at  
16 one time, you told us that an estimate had been made  
17 of \$80 million for complete cleanup. Obviously, a  
18 very rough preliminary estimate.

19 CO-CHAIR SULLIVAN: Right.

20 MR. ONGERTH: Was that the right number, I

1 mean, is that the number I can remember?

2 CO-CHAIR SULLIVAN: Yes.

3 We have been citing somewhere in the range  
4 of 70 to 80 million. That's based, as you said, on  
5 projections for investigations we haven't even  
6 completed yet, so some of it is very estimated.

7 So as we finish the investigations and get  
8 to the point of actually awarding the cleanup  
9 contracts, then that figure will become more precise.

10 Yes, John?

11 MR. ALLMAN: Yes.

12 Last month at the Treasure Island  
13 Development Task Force meeting, one of the topics that  
14 came up was the fact that the city was going to get  
15 about 4.2 million to basically keep the island running  
16 with all the utilities and facilities and whatnot,  
17 paid by the Navy to cover the first year or something  
18 like that.

19 CO-CHAIR SULLIVAN: Correct.

20 MR. ALLMAN: So is there any possibility

1 mean, that money is promised to the city once they  
2 start leasing areas and taking care of that, you're  
3 basically committing to them that they will get that  
4 money?

5 CO-CHAIR SULLIVAN: Correct.

6 MR. ALLMAN: Is there any possibility that  
7 if you get a chunk of money for remediation, then all  
8 of a sudden, the budget for the administrative payment  
9 runs short, then you have to take money out of the  
10 remediation money, or are they completely separate  
11 funds in separate budgets?

12 CO-CHAIR SULLIVAN: It's all BRAC money,  
13 base closure money. They are somewhat separate.

14 I haven't heard of that, you know, that  
15 potential scenario, and, of course, the city has an  
16 interest in seeing us proceed with the cleanup also.

17 Tom?

18 MR. HUETTEMAN: Actually, that scenario on a  
19 sort of national scale, as I understand it, accounts  
20 for the fact that at Treasure Island and just about at

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1 all the bases, the funding picture looks equally  
2 dismal, which is when we started the year saying we  
3 want 10 million here and you have 3 million so what  
4 happened?

5 Especially when last year the Navy actually  
6 said, we would guarantee 70 percent funding. Well,  
7 that guarantee didn't mean much this year. And as I  
8 understand what was a substantial reason for that  
9 shortfall was that the budget was built around  
10 assumptions that property transfer would generate a  
11 certain amount of revenue for the Navy, bases would  
12 sell for market prices and costs associated with  
13 upkeep or maintenance of other bases would also drop.

14 Those assumptions were grossly optimistic.  
15 And that, midyear, in 1997, fiscal year, the Navy  
16 realized that the budget would fall very short because  
17 those assumptions were not realized.

18 So I think it is kind of a scenario you're  
19 laying out, and when you add up all the bases and all  
20 of the various costs and the lack of revenue, for

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1 example, many bases are selling to the local  
2 communities, say, for a dollar or way below market  
3 price through appropriate kind of arrangements to  
4 provide those to the communities for their own  
5 benefits. But they had originally assumed they would  
6 gain something more closer to a market price.

7 So it's my understanding that that has a lot  
8 to do with why the budget looked this way, and I  
9 understand that it's still a concern for next year,  
10 which, I believe, you don't have your control numbers  
11 yet for '98, do you?

12 CO-CHAIR SULLIVAN: No, we don't.

13 MR. HUETTEMAN: I think my understanding of  
14 why part of the reason you don't is because they are  
15 trying to figure out how to juggle those assumptions  
16 and make better estimates.

17 MR. HEHN: If I might recommend, this might  
18 be a very appropriate time for John Allman to discuss  
19 the letter he worked so hard on today.

20 CO-CHAIR NELSON: Can we just move through

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1 the rest of the agenda? We just have some program  
2 updates and then we could get into that.

3 MR. HUETTEMAN: Are you going off the budget  
4 now?

5 CO-CHAIR NELSON: We are closing that one  
6 out.

7 MR. HUETTEMAN: I guess I feel it's  
8 important for '98. I'm concerned that we were not, at  
9 most of the bases, following the same process that  
10 occurred last year.

11 I guess my question is, are you not going to  
12 also go through an effort to prioritize projects for  
13 '98 and give the community the opportunity to look at  
14 those priorities?

15 CO-CHAIR SULLIVAN: Yes, we are, yes, we  
16 are.

17 MR. HUETTEMAN: So maybe could you say what  
18 the status is, sort of identifying what would be the  
19 projects that might potentially get funded in '98?

20 I know that a lot of these, there are a lot

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1 of nos on here.  
 2 Are there other ones, and then maybe what  
 3 would happen in terms of efforts to prioritize those?  
 4 CO-CHAIR SULLIVAN: Well, our initial effort  
 5 would be to take those items that we wanted to fund  
 6 this year and fund them next year, especially the  
 7 compliance items, which have more of an effect on the  
 8 leasibility and the transferability of some of the  
 9 property, like the lead-based paint abatement, the  
 10 asbestos, the fuel line or petroleum-related cleanups,  
 11 and working with the city to prioritize what  
 12 properties they are most interested in.  
 13 MR. HUETTEMAN: And doesn't that  
 14 prioritization need to occur between now and the end  
 15 of September?  
 16 CO-CHAIR SULLIVAN: Yes, approximately.  
 17 Although even when we get into the execution  
 18 year, we continue to have some latitude in what we can  
 19 fund, so primarily we are engaged in building a  
 20 budget.

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1 Once you build that budget, you have some  
 2 latitude in maneuvering around in that.  
 3 MR. ONGERTH: Jim, I don't recall that you  
 4 have ever discussed this matter of priorities with the  
 5 RAB here, and I wonder what your thinking is in that  
 6 regard.  
 7 CO-CHAIR SULLIVAN: Well, actually, we went  
 8 through this last year, sometime in the July-August  
 9 time frame.  
 10 We spent one of the interim meetings, and we  
 11 did some adjustments on the prioritizing based on  
 12 comments we received.  
 13 MR. ONGERTH: At an interim meeting?  
 14 CO-CHAIR SULLIVAN: At an interim meeting,  
 15 and we went over it at a regular meeting.  
 16 MR. ONGERTH: I would be interested in what  
 17 the minutes say.  
 18 CO-CHAIR NELSON: We don't keep minutes of  
 19 the interim meeting.  
 20 MR. ONGERTH: If you went over what the

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1 interim group did with the regular meeting, it would  
 2 be something in the minutes of the regular meeting,  
 3 and that's what I'm referring to.  
 4 CO-CHAIR NELSON: Right.  
 5 CO-CHAIR SULLIVAN: Okay.  
 6 CO-CHAIR NELSON: So maybe we could look  
 7 that up. That would be, I think, September, August or  
 8 September.  
 9 CO-CHAIR SULLIVAN: It would be the August  
 10 or September meeting.  
 11 CO-CHAIR NELSON: We'll make a note of that.  
 12 We do have the fiscal year '98 draft final  
 13 budget on the September agenda list.  
 14 MR. HUETTEMAN: Okay.  
 15 CO-CHAIR SULLIVAN: So we would probably  
 16 spend some time at the interim meeting working on the  
 17 budget.  
 18 Ernie has given me our schedule for getting  
 19 the budget completed.  
 20 CO-CHAIR NELSON: And what is that schedule?

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1 CO-CHAIR SULLIVAN: It shows confirming the  
 2 requirements of priorities with the RAB over the  
 3 period from the end of August through the 19th of  
 4 September, which coincides with our September meeting.  
 5 In fact, our individual project managers are  
 6 just at the starting point right now of building or  
 7 writing up the individual projects and coming up with  
 8 the cost figures.  
 9 So we have yet to get to the point of  
 10 internally assembling the initial draft of the budget.  
 11 There is also a period in which this is also  
 12 a brief to the regulatory agencies and their comments  
 13 are solicited, too.  
 14 CO-CHAIR NELSON: Would the draft budget be  
 15 available at the next interim meeting, September 6th,  
 16 or will it be available --  
 17 CO-CHAIR SULLIVAN: September 9th.  
 18 CO-CHAIR NELSON: September 9th.  
 19 CO-CHAIR SULLIVAN: Yes, initial draft of  
 20 the budget.

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**Environmental Restoration Advisory Board Meeting - Meeting No. 36**

1 CO-CHAIR NELSON: Okay.  
2 MR. ALLMAN: Will we actually see the  
3 numbers for the individual items? I know at the  
4 general meeting, we weren't permitted to.  
5 CO-CHAIR SULLIVAN: Probably not. There is  
6 a difficulty.  
7 If the budget is highly itemized, because  
8 some of these jobs are going out to bid or for  
9 negotiation, the government asks them not to be made  
10 public.  
11 MR. ALLMAN: Last year from the community  
12 member standpoint, we basically prioritized issues.  
13 CO-CHAIR SULLIVAN: Issues, and I was able  
14 to, I think, in one of the handouts, kind of give a  
15 range, whether it's a \$100,000 job or a \$500,000 job  
16 or a \$1 million job, and it kind of gives you a sense  
17 of the magnitude.  
18 MR. ALLMAN: That's good enough.  
19 CO-CHAIR NELSON: So we will look for a  
20 draft final or a draft, initial draft.

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1 CO-CHAIR SULLIVAN: At the interim meeting.  
2 CO-CHAIR NELSON: At the interim meeting and  
3 not before?  
4 CO-CHAIR SULLIVAN: It will probably go out  
5 with the agenda.  
6 CO-CHAIR NELSON: All right. I would like  
7 to see it go out with the agenda. It's of great  
8 interest to the RAB members.  
9 We will discuss it at the interim meeting.  
10 CO-CHAIR SULLIVAN: Okay. We did have our  
11 RPM/BCT meeting at the 12th of August. Both Paul and  
12 Chris Shirley were there, EFA West.  
13 We had a conference call with Gina Kathuria  
14 on the development of petroleum screening levels.  
15 We had a brief on the fuel line removal  
16 project, as well as the underground storage tank  
17 program. These are the USTs that are not part of the  
18 RI program.  
19 We talked about the FY-97 funding and a  
20 little bit about, at least for the CERCLA sites, what

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1 we anticipated doing in FY-98.  
2 We looked at a revised FFSRA schedule,  
3 because every time the budget changes, it causes a  
4 change in the -- or if there is changes in the field,  
5 it causes a change in our document schedule.  
6 And then we looked at the draft agenda for  
7 tonight's meeting and got ready for that.  
8 We made a decision to add MTBE to our  
9 September RPM/BCT meeting.  
10 Paul, do you have anything to add?  
11 MR. HEHN: I think one of the things I might  
12 mention, there was some discussion about trying to  
13 join some of the efforts on the RI and CAP or the CAP  
14 sites, and also the other UST issues to try to put  
15 some of that information into more of a universal  
16 umbrella, if you will, of some of that information.  
17 I think that would be very valuable if that  
18 could be done, either in map form or some other way to  
19 keep track of that.  
20 CO-CHAIR SULLIVAN: So you're talking not

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1 necessarily the integration of the programs  
2 themselves, but being able to overlay information for  
3 multiple programs.  
4 MR. HEHN: Yes, so that you can review both  
5 at the same time.  
6 CO-CHAIR SULLIVAN: Although I think there  
7 was some brief discussion about whether the  
8 groundwater monitoring for the CERCLA and non-CERCLA  
9 programs could be coordinated.  
10 MR. HEHN: That would be one of the things  
11 that would be very useful to integrate.  
12 CO-CHAIR SULLIVAN: John?  
13 MR. ALLMAN: Yes.  
14 One of the things that I received, I haven't  
15 looked through it in much detail in the past month, my  
16 boss passed it down to me. It's about a 20-page  
17 document on MTBE, which I think was put out by the  
18 Water Board.  
19 I could send you a copy of it if you don't  
20 have it already. I don't know whether you are going

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1 to be focusing on it at your meeting, but I think this  
 2 is basically the overall, the latest information  
 3 that's known about MTBE, how it moves around and how  
 4 it remediates and whatnot. You may already have it.  
 5 CO-CHAIR SULLIVAN: We had something. It  
 6 was a couple of page document. I don't know if it was  
 7 that big, so if you have something like that.  
 8 MR. ALLMAN: I will send it to you. It  
 9 might be useful.  
 10 CO-CHAIR NELSON: I notice on the agenda  
 11 here it says, "review of action items," and going back  
 12 through the July minutes, I guess there are none, but  
 13 I did want to point out that two action items were  
 14 brought up at this meeting so that they be recorded.  
 15 One is, the RAB has requested an overlay of  
 16 the Zone 4 FOSL areas that show high lead in the Site  
 17 12 work plan sampling points.  
 18 And, also, I would like to just embellish, I  
 19 guess, what John Allman has brought up. There is this  
 20 article on MTBE. I would like to make it an action

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1 surveys for people to complete.  
 2 I don't know how many people have, but maybe  
 3 we could put in this meeting minutes a reminder at the  
 4 top.  
 5 CO-CHAIR SULLIVAN: I just want to briefly  
 6 interject, under "reuse issues," that the Treasure  
 7 Island Development Task Force is meeting tomorrow. I  
 8 know a number of RAB members attended the initial  
 9 meeting that was last month. That meeting, I think,  
 10 started at 10:00. This one is starting at, I believe,  
 11 1:00. I think with the agendas I mailed out the flier  
 12 on that. You may have gotten fliers from other  
 13 sources, too.  
 14 So that is 1:00 p.m. at the Ferry Building  
 15 and not here on the island.  
 16 MR. ALLMAN: And a warning about that:  
 17 About half the meeting, the second half of it is  
 18 pretty much a closed session. So probably the meat of  
 19 the meeting that we will be able to see is probably  
 20 between 1:00 and 3:00.

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1 item and distribute it among the Board members.  
 2 CO-CHAIR SULLIVAN: The article that John  
 3 has got.  
 4 Some of you may also have seen the brief  
 5 article that was in the Sunday Examiner-Chronicle, I  
 6 think on the 10th, although it was very brief.  
 7 CO-CHAIR NELSON: And a third action item is  
 8 that we would like the August or September '97 minutes  
 9 addressing the fiscal year 1997 prioritization and RAB  
 10 comments on the draft proposed by the Navy to be  
 11 distributed to RAB members as referenced to the  
 12 upcoming agenda item.  
 13 Ryan?  
 14 MR. BROOKS: Action item, also, those  
 15 surveys? We are working on it.  
 16 MR. ALLMAN: These are action items for us,  
 17 too?  
 18 (Laughter.)  
 19 CO-CHAIR NELSON: No. Ryan was kind enough,  
 20 I guess, two or three meetings ago to bring the

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1 CO-CHAIR SULLIVAN: You will have to look at  
 2 the agenda to see if it's of interest to you.  
 3 Last month's meeting was an overview for the  
 4 members, so that may have had more information.  
 5 This month, they are getting more down to  
 6 business. So it may or may not be of interest. You  
 7 should look at the agenda and decide.  
 8 MR. ONGERTH: We got a mailing from the  
 9 Mayor's office on that.  
 10 CO-CHAIR SULLIVAN: I think they added all  
 11 the RAB members to their regular mailing list.  
 12 \*MR. ALLMAN: It's going to be Sunday  
 13 because they occur, basically, the day after our  
 14 general meetings, because they are the same Wednesday  
 15 every month.  
 16 CO-CHAIR SULLIVAN: I think they are going  
 17 to stick to a more regular schedule.  
 18 MR. ALLMAN: Thanks for including that.  
 19 CO-CHAIR SULLIVAN: I'm not going to be  
 20 there myself. It didn't look like there was anything

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1 directly related to us.

2 CO-CHAIR NELSON: All right. Under  
3 organizational business, I guess I would like to point  
4 out, I have copied for distribution the comments the  
5 RAB technical committee members had produced on the RI  
6 addenda.

7 We thought it would be beneficial to have  
8 these circulated before the next draft of the RI is  
9 released, which, I guess, is sometime next week, so  
10 copies of those are on the back table.

11 In addition, the letter that we had written  
12 to the regulatory agencies outlining our concern about  
13 removing the DTSC from the RAB process for this base  
14 closure has been copied and is on the back table.

15 I would ask the Navy to be sure to  
16 distribute those with the minutes so that those RAB  
17 members not in attendance tonight can get those.

18 And an action item dragging now for about a  
19 year is the RAB membership drive. My understanding is  
20 that we have reviewed the release for the paper and

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1 closure of the station and our ability to contract  
2 out.

3 However, as was pointed out by, I think, a  
4 member of the, it was either the Presidio RAB or I  
5 think a RAB -- no, the Novato RAB, we can get coverage  
6 through press releases and other free advertising.

7 So Ryan and I have been working on that, and  
8 we will be going out with a press release within the  
9 next couple of weeks.

10 In fact, one of the places we are contacting  
11 is the Bay Guardian where they do have a free  
12 advertising or free notice section.

13 And given that they have already written a  
14 couple of articles related to Treasure Island, they  
15 seem to have an interest in the process here, so we  
16 hope that they will be willing to publish a notice.

17 CO-CHAIR NELSON: And how about other  
18 papers?

19 CO-CHAIR SULLIVAN: And other papers that  
20 would -- well, a press release would go out to all of

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1 it's just a matter of the Navy's scheduling the  
2 release of this in the papers.

3 Since the Navy is closing up their offices  
4 within the next month and a half, it's imperative that  
5 we have this membership drive, unless, of course, it  
6 is the Navy's intent for this RAB to die on the vine  
7 before the ROD is released, which seems to be the  
8 case, since the Navy hasn't taken any action on this  
9 item in the last year.

10 I would like that reflected in the minutes.

11 So I would like the Navy to respond to the  
12 membership drive and in getting the ad printed in the  
13 paper.

14 Absent, I guess, any affiliation with  
15 Hunter's Point, since that seems to be one of the  
16 reasons it's been dragging.

17 CO-CHAIR SULLIVAN: Actually, the issue with  
18 Hunter's Point didn't affect us.

19 Getting a commercial ad became more  
20 difficult for us in the last six months because of the

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1 the standard media. As many of them that would choose  
2 to run it, would run it.

3 MS. MENDELOW: There is in the Chronicle  
4 pink section, there is a community involvement section  
5 in there. It prints, you know, notices.

6 And there is also the Green City Paper in  
7 San Francisco that has all these opportunities for  
8 volunteers and things. You may want to try those.

9 CO-CHAIR SULLIVAN: And EFA West may be able  
10 to assist the Naval Station, too, since they still  
11 have contractual ability to do maybe more of a  
12 targeted advertisement.

13 We have gotten advertising quotes, and when  
14 we originally ran the last two campaigns that the  
15 Naval Station ran, it cost about \$8,000 or so to do a  
16 full blitz of the Bay Area in the Sunday and weekly  
17 Chronicle and Examiner, but that was running baywide.

18 By focusing it down a little bit more, maybe  
19 not running it on both the Sunday or weekday, we could  
20 still afford to run some advertisement.

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1 CO-CHAIR NELSON: What we are looking for is  
2 a commitment to do something by a particular date and  
3 notify us when the ads will appear.

4 You might not be prepared to do that, but  
5 that's what I'm asking.

6 Can you commit to having this placed in the  
7 paper and notify the RAB by the interim meeting,  
8 September 9th?

9 If not, I think like myself, copying  
10 comments, absent the Navy having them for a couple of  
11 months, maybe the RAB will need to advertise on its  
12 own for its own members.

13 If that's what we have to do, I would like  
14 it recorded in the minutes tonight.

15 MR. BROOKS: One of the things we are doing  
16 also is working with the Hunter's Point RAB.

17 CO-CHAIR NELSON: I know that. I think we  
18 have an item on the table specific to, can the Navy  
19 make a commitment to getting the ads for our  
20 membership drive in the paper by September 9th?

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1 Can you respond to that?

2 MR. BROOKS: Yes.

3 Part of our commitment, also, we are running  
4 a joint effort with the Hunter's Point RAB.

5 We were having the same discussions with a  
6 RAB community co-chair that we are having with you.  
7 Last month, unfortunately, she was absent. So we have  
8 a meeting with her next Wednesday to discuss this also  
9 and develop a time line and schedule.

10 MR. ALLMAN: I think that Pat's point is,  
11 though, if it turns out there are any other delays  
12 with trying to coordinate this with Hunter's Point --

13 CO-CHAIR NELSON: We want to be uncoupled.

14 I would propose that we be uncoupled from  
15 Hunter's Point and have an ad placed addressing the  
16 Naval Station Treasure Island RAB membership drive by  
17 September 9th.

18 MR. BROOKS: I need to give them the  
19 courtesy also of telling them that before I go ahead  
20 and make the decision.

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1 CO-CHAIR SULLIVAN: I will make the  
2 commitment that we can, you know, I have to work with  
3 Ryan on the advertising end of things, but we do have  
4 the list of those people who had submitted  
5 applications before, as well as the list that the city  
6 has developed of interested parties or organizations  
7 and individuals interested in Treasure Island that  
8 they use for their mailing list, which is, I think,  
9 about several hundred names.

10 I can make a commitment that -- well, I  
11 can't control exactly the advertising process.

12 We can produce a mailing of the applications  
13 out to all those who had previously submitted  
14 applications, as well as to everyone on the city's  
15 mailing list, which we already have their mailing  
16 labels.

17 So we can get initially several hundred  
18 copies of applications out to individuals who are more  
19 likely to be interested, and that's likely to produce,  
20 you know, at least some applications, if not maybe

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1 many.

2 MR. ALLMAN: Can you do that before the  
3 interim meeting?

4 CO-CHAIR SULLIVAN: Yes. I will commit to  
5 making a mailing prior to the 9th, if I have to lick  
6 the stamps myself.

7 MR. ALLMAN: They have the peel off kind now  
8 so you're in luck.

9 Also, I might suggest to you, there are  
10 university and college papers that will advertise for  
11 free. San Francisco State, UC Berkeley, and some  
12 national labs have their own newsletters that go out  
13 every week or two weeks. So that's also a  
14 possibility. They will not charge you for putting it  
15 in, and they may have an interest in encouraging  
16 people to participate in volunteer projects.

17 CO-CHAIR NELSON: This item has been active  
18 for about a year, and it's just about time.

19 It was time six months ago to do something  
20 and nothing was done.

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1 MR. ALLMAN: We need these chairs filled  
2 (indicating).

3 CO-CHAIR NELSON: That's exactly right.

4 MR. ONGERTH: Pat, you're right on. I  
5 support you a thousand percent.

6 CO-CHAIR NELSON: Thank you.

7 And we are also concerned about funding for  
8 the base closure studies and remediations. I want to  
9 thank John Allman and Paul Hehn for spearheading and  
10 developing a letter that RAB members can send to  
11 elected officials that may have some influence in  
12 securing some funding.

13 At this point, I would like to turn the  
14 floor over to John and Paul.

15 MR. ALLMAN: Yes. Due to the late hour, I  
16 will keep it really short.

17 Basically, Paul and I worked on drafting a  
18 letter. We wanted to make it as simple for community  
19 members to do this as they wanted, or you're free to  
20 make it more complicated, if you like.

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1 But, basically, we booted it back and forth  
2 on ideas for a letter, and also we got some input from  
3 Jim about some places you want to target and some  
4 ideas where the funds come from and who controls it  
5 and whatnot.

6 So, basically, I have a couple of hundred  
7 copies of a letter that basically only needs your  
8 return address and the address of the person you're  
9 sending it to and your signature.

10 And then we put together a partial address.  
11 We are still trying to pull together some addresses.  
12 But there's a list of addresses and how to do the  
13 salutation in the letter.

14 Right now, we have Senator Boxer; Senator  
15 Feinstein; Congresswoman Pelosi; Pete Wilson; Carole  
16 Migden, who is an Assemblywoman from San Francisco;  
17 Assembly Member Kevin Shelley; Stan Fillippe, who is  
18 the Chief of the Office of Military Facilities at  
19 DTSC; Captain Ernest Hunter, who is the CFO at EFA  
20 West; and Kathleen McGinty, who is the Environmental

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1 Policy Director for the White House Council on  
2 Environmental Quality; and, finally, Sherri Wasserman  
3 Goodman, who is the Deputy Under Secretary of Defense  
4 for Environmental Security.

5 Now, for Sherri Goodman, we don't have an  
6 address yet for her. I will get that in the next  
7 couple of days.

8 But at the top it has, at the beginning, it  
9 has my phone number and E-mail address. I would be  
10 happy to, if you E-mail me or call me and say, send me  
11 the text of the letter in whatever form you use,  
12 whether you use a Mac or IBM or Word, I will try to  
13 get you a version that you can just cut and paste the  
14 addresses into or handwrite and type.

15 The important thing is that they count  
16 letters, and so if you have to handwrite it, if that's  
17 the easiest thing for you to do. If you want to make  
18 it a little more formal, that's better but not  
19 necessary.

20 And it's also recommended that we include

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1 E-mail and fax numbers here as well. There is nothing  
2 wrong with mailing it. E-mail a copy of it in the  
3 text version and also send a copy through fax. We  
4 have a lot of local fax numbers for the senators and  
5 congresswomen and assembly members.

6 And so if you do all three, the worst thing  
7 that happens is, they will count you three times. If  
8 they are really careful and look, they might only  
9 count you once. But the more the merrier, as far as  
10 letters to representatives are concerned.

11 MR. ONGERTH: Are you distributing copies to  
12 us here?

13 MR. ALLMAN: Yes. I have copies of the  
14 mailing list and also lots of blank copies of the  
15 letter. You're welcome to take as many as you want to  
16 send out.

17 I was talking with Pat and Paul during the  
18 break. We probably want to get a full list of all the  
19 RAB members from Jim to send out several copies with  
20 this and a cover letter to anybody who is not here.

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1 This is very timely. It should go out within the next  
2 couple of weeks because that's when they will start  
3 planning out next year's budget. You want to start  
4 getting the word out early.

5 So some of the things we are recommending is  
6 creating special legislation which targets Treasure  
7 Island for necessary funds to ensure the complete  
8 cleanup, and that was Jim's idea.

9 CO-CHAIR NELSON: Does Jim have any interest  
10 in distributing, being in our mail room in the next  
11 week to get maybe a dozen copies of this blank letter  
12 and the addresses to our RAB members?

13 CO-CHAIR SULLIVAN: If you would like to  
14 have it as a mailing, we can just do a mail-out to the  
15 community members.

16 MR. ALLMAN: I want to say that, to avoid  
17 any kind of conflict of interest concerns that Jim may  
18 have, he was going through the budget process with me,  
19 and some things he mentioned -- I don't want to get  
20 him on the hot spot -- but this is a letter from

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1 community RAB members. It's not from the Navy or any  
2 regulatory agency. It's basically worded from us.

3 I just asked him questions to find out the  
4 best ways to word it so that the information gets to  
5 the right people in the right way.

6 So I hope you don't mind me mentioning that.

7 MR. HEHN: We might want to keep that  
8 separate from any Navy operations because that's what  
9 we are trying to get that for the Treasure Island,  
10 supporting funding for Treasure Island by the RAB  
11 members.

12 CO-CHAIR NELSON: So maybe you want to just  
13 provide labels.

14 MR. ALLMAN: Yes, if you want to do that.  
15 Send me labels and we can package up envelopes and  
16 send them out. I know your mailing budget is tight.

17 CO-CHAIR NELSON: Thank you, Henry.

18 MR. ALLMAN: Do you have anything else to  
19 add, Paul?

20 MR. HEHN: Only that time is of the essence

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1 in this thing, and that the sooner we can get these  
2 out, the more value they have.

3 All the information that I'm getting from  
4 everybody, yes, over the next week or two is the t  
5 to really get them to the, especially to the  
6 Congressional delegations, and certainly expressing  
7 interest.

8 The more we get, the better off we will be  
9 in trying to get that funding approved and get it  
10 delegated for Treasure Island.

11 Something that came up in the course of our  
12 developing this letter was that there was some  
13 interest in trying to join that with other RABs and  
14 other funding issues for other bases in the Bay Area,  
15 sort of like the thing with Hunter's Point.

16 We would like to keep this sort of separate  
17 and focused on Treasure Island and not join it with  
18 other efforts, sort of like what we are trying to do  
19 with the RAB membership drive as well. I think it's  
20 better just to keep it with what we are trying to do

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1 and not try to get tied in with all the other RABs ar  
2 their various issues.

3 CO-CHAIR NELSON: I will take a dozen.

4 MR. ALLMAN: Okay. I will set them over  
5 here. Grab whatever you like of each.

6 CO-CHAIR NELSON: Thank you.

7 MR. ALLMAN: It reminds me of my college  
8 days, rabble-rousing.

9 MR. HEHN: I think that John definitely  
10 needs a bravo, as far as I'm concerned, for all the  
11 effort he put in. He spent the majority of the last  
12 couple of days trying to get this all resolved.

13 So thank you very much, John. I appreciate  
14 it.

15 (Applause.)

16 CO-CHAIR SULLIVAN: Okay. Upcoming  
17 documents.

18 There was a copy of the schedules that were  
19 mailed out with the agendas. Basically, the Site 12  
20 investigation work plan is out there. The closure

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Environmental Restoration Advisory Board Meeting - Meeting No. 36

1 comments is before the next interim meeting.  
2 The draft Zone 4 FOSL is also out. The  
3 comment period doesn't end until the middle of  
4 September.  
5 The draft final RI report is not out yet,  
6 and we are still pegging a date of about the 25th of  
7 the month.  
8 MR. KNAPP: I think it's safe to say it's  
9 the last week in August. If I had to put down a date,  
10 I would put down Friday of that week.  
11 CO-CHAIR NELSON: Labor Day weekend?  
12 MR. KNAPP: Before the Labor Day weekend.  
13 I'm not sure it will arrive before the Labor  
14 Day weekend. It will be generated by then.  
15 CO-CHAIR SULLIVAN: And it will go out  
16 directly to the six members of the technical  
17 subcommittee and then we can find out who else.  
18 We have additional copies, sets being  
19 mentioned. It's not copies, it's sets. So if there  
20 are people in addition to the usual six, we also have

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1 sets that support that.  
2 And then the draft Corrective Action Plan is  
3 just about 30 days later at the end of September.  
4 That's based on, I think, the draft going to the Navy  
5 around the end of the month.  
6 MR. KNAPP: Yes, pretty much the same time  
7 as the RIs.  
8 CO-CHAIR SULLIVAN: And then we are  
9 reviewing the document internally and then have to put  
10 feedback into PRC so that they can send the draft copy  
11 out to the regulators and the RAB.  
12 MR. GALANG: Jim, the September 30, I don't  
13 know if that's feasible because they don't give it to  
14 us until August 30th.  
15 We need time to review it, and also two days  
16 for PRC to review. So that's until the end of  
17 October, not September.  
18 CO-CHAIR NELSON: So that's the draft  
19 correction.  
20 MR. GALANG: Yes. There is a Navy draft

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1 this August 30th.  
2 CO-CHAIR SULLIVAN: So it could actually be  
3 mid-to-late October, roughly.  
4 MR. GALANG: Yes, because we have to get the  
5 comments.  
6 CO-CHAIR NELSON: This is the Corrective  
7 Action Plan?  
8 CO-CHAIR SULLIVAN: This is the Corrective  
9 Action Plan.  
10 CO-CHAIR NELSON: I have a question about  
11 the Site 24 investigation, technical memo, just so it  
12 doesn't slip off the radar screen.  
13 A work plan was developed. Was it funded?  
14 MR. KNAPP: It was funded and the job was  
15 executed.  
16 MR. GALANG: It was completed.  
17 CO-CHAIR SULLIVAN: The field work was  
18 completed.  
19 CO-CHAIR NELSON: The field work was  
20 completed.

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1 MR. KNAPP: That's correct.  
2 CO-CHAIR NELSON: And is that data going to  
3 be reflected in the draft final RI?  
4 MR. KNAPP: No. That data is in a separate  
5 document, this technical memo.  
6 CO-CHAIR NELSON: Right. It just says  
7 issuing August 1997. The week of the 25th is the only  
8 week remaining for both this document and the other.  
9 MR. KNAPP: This one, I would say more like  
10 September 15th.  
11 We didn't know how rapidly we would get the  
12 lab data validation, basically, and get it into a  
13 technical memorandum. So it won't be in August, it  
14 will probably be a couple of weeks later.  
15 CO-CHAIR NELSON: Is it the vision to  
16 incorporate that information in the RI?  
17 MR. KNAPP: In the final RI.  
18 CO-CHAIR NELSON: In the final RI.  
19 MR. KNAPP: Yes.  
20 CO-CHAIR SULLIVAN: So, basically,

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1 individuals who receive a copy of the Site 24 tech  
2 memo, that would be additional information they would  
3 have when they make their comments on the overall  
4 draft final RI.

5 MR. KNAPP: That would be reasonable.

6 CO-CHAIR SULLIVAN: So while the Site 24  
7 tech memo is not a draft document, it's just a report  
8 of the data, but individuals can use that report to  
9 prompt any comments that they might have on the  
10 overall draft RI.

11 MR. KNAPP: It would be relevant to the Site  
12 24 section of the RI.

13 CO-CHAIR NELSON: And how about Site 12  
14 then? Site 12, assuming it's going to be funded, when  
15 will that information be available in the review of  
16 the RI cycle?

17 MR. KNAPP: That would probably depend if we  
18 do any sort of incremental work. For example, we were  
19 talking about getting some data out to the city and  
20 interested parties.

1 investigation.

2 CO-CHAIR SULLIVAN: We also have more  
3 control over the date that we issue the final RI,  
4 whereas, if the delivery date of the draft final RI  
5 was being somewhat prompted by budgetary issues and  
6 needing to go get contracts completed.

7 We are not under that same restriction for  
8 the final, so I think we have more latitude in working  
9 to make sure that the information is adequately  
10 incorporated into the final document.

11 MR. KNAPP: We need some regulatory  
12 concurrence within that 60 days.

13 CO-CHAIR SULLIVAN: Right, in conjunction  
14 with working with the regulators, who, of course, work  
15 with us on the federal facility site remediation  
16 schedule.

17 All right. That's it for documents.

18 We have an open question period, but I think  
19 we kind of hit some various open question periods  
20 during the course of the evening, and that takes us to

1 But the timetable I put up on the screen  
2 there was just assuming that we would be out in  
3 October collecting the data and actually produce a  
4 report that would be issued at the end of the year.

5 CO-CHAIR NELSON: What's your turnaround  
6 time from the draft final RI report comments being due  
7 and having the Site 12 data ready to incorporate in  
8 the final?

9 MR. KNAPP: Well, there will be a 60-day  
10 period from the submittal of the draft final for  
11 regulatory comments, and 60 days for responding and  
12 producing the final RI.

13 So the regulatory comment period is  
14 September-October, and then the document would be out  
15 basically at the end of the year.

16 So it's a similar timing the way it looks  
17 right now, the Site 12 draft document.

18 CO-CHAIR NELSON: I think it's really  
19 important to have a cohesive document as a final RI to  
20 incorporate the results from the Site 24 and Site 12

1 the agenda item for the next meeting.

2 Since the RI, a draft final RI will be out  
3 by the beginning of September, we would be able to  
4 have that as a presentation and discussion topic for  
5 the September meeting. That would probably be the  
6 major item in the meeting closely followed by the  
7 fiscal year '98 execution plan.

8 And I think we will finally have our GIS  
9 demo. The engineers called me this morning and said  
10 that, yes, they had finished loading in the data for  
11 the five sample UST sites, and so it is up and running  
12 with the data in it, so we should be in a position to  
13 show it.

14 We wanted to show it as a draft anyway,  
15 anticipating we would get some comments from you  
16 before we pushed it any further along. So we should  
17 be able to do that in September.

18 Then in October, we would have the -- well,  
19 we may have to adjust the schedule for the CAP  
20 presentation depending on that.

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1           However, it sounds like we will probably  
2 have enough discussion on the RI report to maybe take  
3 us into October as well and maybe have the CAP  
4 discussions in November.

5           And then the EIS/EIR, that's not a part of  
6 our regular program here, so we are not working on it  
7 ourselves. I don't have any control over that  
8 schedule.

9           The latest thing I've heard on that, it  
10 would be out towards the end of the year, which could  
11 be more like December rather than October. So I've  
12 not yet heard an issue date for the draft EIS/EIR.

13          And then we do work on the agenda during the  
14 interim meetings, so that is always an opportunity to  
15 provide comment and work to shape the agendas.

16          CO-CHAIR NELSON: I had heard rumor the BCT  
17 meeting tentatively scheduled for the 2nd of September  
18 is going to be moved for a week.

19          CO-CHAIR SULLIVAN: It's possible. We will  
20 probably have to talk to Gina and query all the

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1 regulators.

2           Martha will not be able to be there on that  
3 date. She was originally going to host it. We had a  
4 brief discussion on that while she was here, and we  
5 are basically going to have to make a decision as to  
6 whether or not to hold the meeting on the 2nd, without  
7 her, or find a mutual time.

8           But if we can't find a mutual time, if it's  
9 within a week or so of the 2nd, we will go ahead, we  
10 will probably go ahead and have it on the 2nd.

11          So I would call that, the 2nd of September,  
12 a tentative date. It won't be at the San Francisco  
13 Redevelopment Agency, since she won't be there. So it  
14 may be either here or at DTSC, I think. Mary Rose has  
15 given us a standing invitation. More than likely, it  
16 would be at Berkeley.

17          And then the next interim meeting would be  
18 on the 9th of September. Now, that's a change, and  
19 that's due to the Labor Day holiday on the 1st. So  
20 rather than having the interim meeting on the 2nd,

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1 some of the community members suggested having it on  
2 the 9th.

3           And then we tentatively scheduled a special  
4 RI report review meeting on the 30th of September.  
5 The specific details on that are to be worked out.

6           And then the next Treasure Island  
7 Development Task Force meeting is tomorrow.

8           Anyone else have any closing comments?

9          CO-CHAIR NELSON: I have a closing comment  
10 with regard to the quality of the water here. There  
11 seems to be some precipitate. I would suggest some  
12 metals testing.

13          CO-CHAIR SULLIVAN: Actually, what we are  
14 finding is that, since the level of water usage on the  
15 base is probably at its lowest level here, the water  
16 sits in the pipes a lot longer than it would have.

17          MS. CASSA: I have a comment about the  
18 follow-up on what Pat said about the RI report and the  
19 completeness thereof.

20          She expressed concern on behalf of the RAB

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1 to have a cohesive report. I think that the community  
2 members feel the same, but we also recognize that  
3 there is issues, largely with funding, that the Navy  
4 has to deal with as well.

5           We are rather flexible, but, yes, we would  
6 really like to see a cohesive report.

7           But we also have deliverables that are  
8 anticipated by management, and life goes on. We can't  
9 sit waiting with our arms outstretched for, you know,  
10 a big report to be completed when revisiting it at  
11 some later date that could also serve the same  
12 purpose.

13          MR. ALLMAN: Would it be possible to have  
14 the report set up where there is a section that if  
15 it's due to be completed, that that section is just  
16 left blank with an update mailed out that can go in  
17 the book?

18          I agree, it's easier to have five binders,  
19 which is enough to deal with, without worrying about  
20 tracking down little bound reports in other places.

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1 So even if we can get it sent with a  
2 three-hole punch, we just insert it into place, even  
3 if you have tabs for addenda A through X. At the end,  
4 we can actually put it into that set. It would be  
5 easier for us to keep together, to keep track of.

6 CO-CHAIR NELSON: It's just a thought.

7 MR. ALLMAN: Okay.

8 MR. GALANG: I think for the final RI, we  
9 anticipate more than 60 days.

10 Remember that Rachel said because of the  
11 time limitation, because of the addenda and  
12 everything, so maybe we can also ask for an extension  
13 for another 30 days.

14 MS. CASSA: Well, like I said, yes. We have  
15 deliverable deadlines in my shop that there are  
16 expectations for work to be completed.

17 But if the Navy can't complete it due to  
18 constraints like funding and things like that, there  
19 is not a whole lot we can do except to encourage you  
20 to try to get it all together.

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1 CO-CHAIR SULLIVAN: All right. Well, thank  
2 you.

3 So our next interim meeting is on the 9th.

4 Our BRAC Cleanup Team meeting will probably  
5 still be on the 2nd. We will let Paul and Christine  
6 know.

7 You will get a copy, an advance copy of the  
8 agenda anyway.

9 MR. HEHN: Thank you.

10 CO-CHAIR SULLIVAN: Thank you very much.

11 We will be back here next month.

12 MR. ALLMAN: This works.

13 (The meeting adjourned at 9:55 p.m.)

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