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 2 NAVAL STATION TREASURE ISLAND
 3 ENVIRONMENTAL RESTORATION ADVISORY BOARD MEETING
 4 22 JULY 1997
 5 7:00 P.M.
 6 FLEET ADMIRAL NIMITZ CONFERENCE CENTER
 7 TREASURE ISLAND
 8 MEETING NO. 35
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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 REGULATORY AGENCY:
 3 MARY ROSE CASSA (DTSC)
 4 GINA KATHURIA (RWQCB)
 5 COMMUNITY MEMBERS:
 6 JOSEPH ALCEDO
 7 JOHN ALLMAN
 8 ARC ECOLOGY (CHRIS SHIRLEY)
 9 RICHARD HANSEN
 10 PAUL V. HEHN (Alternate Community Co-Chair)
 11 GARY JENSEN
 12 CLINTON LOFTMAN
 13 DANIEL MC DONALD
 14 HENRY ONGERTH
 15 TI MUSEUM LAURIE GLASS)
 16 TI YACHT CLUB (HARLAN VAN WYE)
 17
 18
 19
 20

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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
 9 PRC ENVIRONMENTAL MANAGEMENT, INC.:
 10 STACEY LUPTON
 11 RICHARD KNAPP
 12 REBECCA SUGERMAN
 13 LYNNE SRINIVASAN (URIBE & ASSOCIATES)
 14 DIANA SMITH (URIBE & ASSOCIATES)
 15 JOHN BORREGO (URIBE & ASSOCIATES)
 16
 17 GUTIERREZ-PALMENBERG, INC.:
 18 DARLENE B. BROWN
 19 BARRY GUTIERREZ
 20

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1 CO-CHAIR SULLIVAN: Okay. I guess we will
 2 go ahead and get started.
 3 With the summer months, probably more people
 4 than usual are out of town, but we welcome everyone
 5 who is here tonight.
 6 MR. ONGERTH: All five of us?
 7 CO-CHAIR SULLIVAN: Welcome to our July
 8 Restoration Advisory Board.
 9 We are still in the Nimitz Conference Center
 10 here, as long as there is furniture, although that
 11 could change on a day-to-day basis. It's possible the
 12 furniture might not be here next month, so we might
 13 have to make some alternative arrangements. I will
 14 make sure in any announcements for the meetings that
 15 the location is prominently highlighted, especially if
 16 we change from the Nimitz Center here.
 17 Just a reminder: There were RAB surveys
 18 that were sent out last month. It's basically a fill
 19 in the blank, but there is also space to add any
 20 additional comments that you would like. You can

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1 return the surveys to Ryan. We also have additional
2 copies of the surveys on the back table with Hugo. So
3 you could fill one out during the break and turn it
4 in. Either take it home or, preferably, if you can't
5 find the time to fill it out tonight, turn it in
6 later.

7 This is part of a Bay Area RAB survey. This
8 is not just a survey for the Treasure Island RAB, but
9 for all of the Bay Area RABs in order to collect
10 information on how we are doing and what positive
11 changes that we can make Bay Area-wide.

12 This is also an interesting opportunity to
13 compare RABs with each other, which we haven't done
14 before.

15 I don't know, Ryan, if you want to say
16 anything more. Does that cover it?

17 MR. BROOKS: That covers everything.

18 Did anyone bring theirs tonight?

19 (No response.)

20 MR. BROOKS: Well, that's your homework

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1 assignment for the next month.

2 CO-CHAIR SULLIVAN: So we can still turn
3 them in at the next month's meeting?

4 MR. BROOKS: Definitely

5 CO-CHAIR SULLIVAN: Maybe I will do another
6 mailing over the next month and a reminder to urge
7 people to turn it in by next month so that you can
8 complete reviewing them from all the other RABs.

9 MR. BROOKS: Thanks.

10 CO-CHAIR SULLIVAN: Great. Thank you.

11 The next item is the agenda. There are
12 additional copies of the agenda in the back.

13 Are there any comments concerning tonight's
14 agenda?

15 (No response.)

16 CO-CHAIR SULLIVAN: Given the number of
17 people we have here tonight, there may be a few places
18 we can streamline it during the course of the meeting
19 to make sure that we are out at a reasonable hour.

20 Are there any comments concerning tonight's

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1 agenda?

2 MS. LUPTON: I just want to remind you that
3 we have some pictures.

4 CO-CHAIR SULLIVAN: I'm sorry. Thank you
5 very much, Stacey.

6 I wanted to get the RAB members'
7 concurrence. We are working on a "meet the RAB" type
8 of poster board. This is going on at the other RABs
9 as well. I think there is a sample from Mare Island
10 in the back.

11 MS. LUPTON: Well, it's just a mockup.

12 CO-CHAIR SULLIVAN: Or a mockup.

13 And so with your concurrence, we would just
14 like to take a few general pictures during the course
15 of the meeting.

16 If anyone doesn't and prefers we don't, let
17 us know. But this is not going to be real closeups,
18 just general pictures of the meeting as it happens.

19 With that, then, the next item is discussion
20 and approval of the 17 June 1997 minutes. There are

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1 additional copies of the minutes on the back table
2 also.

3 So are there any comments concerning the
4 June minutes? What we've started to do is to issue
5 them with the draft stamp. That way, it's clear that
6 this is the initial printing of the minutes. And then
7 if there are amendments made, that would be reprinted
8 without the draft stamp, and that way, you would be
9 able to differentiate between the draft and the final
10 versions.

11 So are there any comments concerning the
12 June, the draft June meeting minutes?

13 (No response.)

14 CO-CHAIR SULLIVAN: Well, I'm happy that
15 everyone seems to be satisfied. We have been putting
16 in more effort on the minutes the last couple of
17 months, and it looks like it's paying off.

18 So if there aren't any further comments, we
19 will probably wait to maybe see if anybody who w
20 here tonight happens to call in or have any comments,

8

1 but we will proceed to finalize these minutes in the
2 next couple of weeks.
3 MS. SHIRLEY: Jim, I just noticed a typo on
4 page 8. It would be the third paragraph down.
5 The person at Career Pro is not "Andy"
6 Houghton, but "Aimee."
7 CO-CHAIR SULLIVAN: Aimee, yes.
8 MS. SHIRLEY: A-I-M-E-E, Instead of Andy.
9 CO-CHAIR SULLIVAN: I'm sorry. That was on
10 page?
11 MS. SHIRLEY: Page 8, about the middle of
12 the page.
13 CO-CHAIR SULLIVAN: I see. Okay.
14 MS. SHIRLEY: I just happened to see that.
15 CO-CHAIR SULLIVAN: I missed that.
16 I think maybe what we will do is, since the
17 interim meeting is coming up -- well, could we still
18 take comments as late as the interim meeting on the
19 5th of August?
20 Maybe what we will do, since there are quite

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1 a few people who aren't here tonight, I will put in
2 the notice for the interim meeting on the 5th, and if
3 anyone has any additional comments, we can collect
4 them then. That would give more people the
5 opportunity to comment.
6 MR. ONGERTH: Jim, I think you make a
7 mistake doing that. You will go on forever that way.
8 People are here, and if they don't come, they've lost
9 their opportunity.
10 I think it's a mistake to go the other way.
11 CO-CHAIR SULLIVAN: I understand what you're
12 saying.
13 I guess I was a little concerned that there
14 were quite a number of people who are regularly here
15 who are not here tonight.
16 MR. ONGERTH: Sure. I understand that.
17 It's quite obvious.
18 CO-CHAIR SULLIVAN: Pat usually comments.
19 She's out of town.
20 MR. ONGERTH: Yes. Well, she's lost her

10

1 chance.
2 CO-CHAIR SULLIVAN: Well, I will talk to, I
3 guess, maybe Paul --
4 MR. ONGERTH: That's one member's view of
5 the matter.
6 CO-CHAIR SULLIVAN: Okay. That's noted.
7 And I agree. We don't want to prolong the
8 process.
9 MR. HEHN: I guess one of the things would
10 be, if we have an adequate number of members here to
11 approve the minutes, I think you're right. We should
12 probably just go ahead and approve them.
13 MR. ONGERTH: Well, you could question
14 whether we should have a meeting here tonight at all.
15 It's certainly not what you could consider a quorum.
16 MR. HEHN: Well, from the numbers we have
17 these days, that could be considered a quorum, so if
18 everybody agrees that there are no changes to the
19 minutes, maybe we should just go ahead and approve
20 them.

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1 MR. ONGERTH: That's my recommendation.
2 MR. HEHN: Richard?
3 MR. HANSEN: I move we accept the minutes as
4 published.
5 MR. HEHN: Second?
6 MR. ONGERTH: Second.
7 CO-CHAIR SULLIVAN: All right. We will
8 accept the minutes.
9 If anyone at some later date comes in with
10 some comments, they can always be added to future
11 minutes.
12 Okay. Next is the public comment period.
13 If there are any members of the public, and I don't
14 think there are, this would be the opportunity to
15 express yourself on the cleanup process.
16 But I don't see any members of the public,
17 so I guess we will close the public comment period.
18 It will get us back closer to being on schedule.
19 The next item, and I don't think we have the
20 representatives here either, the Bay Area Defense

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1 Conversion Action Team had asked to be on the agenda.
 2 They had produced a presentation of technology needs
 3 assessment for closing bases.
 4 I have a question for the community members:
 5 Has anyone received a direct mailing from BADCAT? It
 6 wasn't clear in their letter to me whether or not they
 7 were doing a mailing to all of the RAB members or just
 8 to the Navy staff.
 9 MR. MC DONALD: I have not seen it.
 10 CO-CHAIR SULLIVAN: Okay.
 11 MS. CASSA: I got the impression from
 12 talking with Amber this week that she was going to
 13 hand them out.
 14 CO-CHAIR SULLIVAN: Okay.
 15 MR. HEHN: Maybe we could go by it, and if
 16 they show up . . .
 17 CO-CHAIR SULLIVAN: Yes.
 18 I think we made about ten copies of the
 19 needs assessment from the copy that I received. Hugo
 20 has that in the back.

13

1 So in case they don't show up, and if
 2 anybody would like to pick up a copy of that, it's in
 3 the back. It's like a dozen, or a 15-page document
 4 double spaced. It discuss the Bay Area closing bases.
 5 Based on their analysis of our BRAC Cleanup Plan and
 6 other reports, they made some recommendations as to
 7 what type of technologies might be appropriate for
 8 each of the bases.
 9 So if they do come in at a later time, we
 10 will give them some time.
 11 Our next item is moving into the BRAC
 12 cleanup process, the finding of suitability to lease
 13 for Reuse Zone 3.
 14 This document has been out since the
 15 beginning of the month. The closure period for
 16 comments will be prior to the next regular meeting.
 17 So we wanted to use this period, this time
 18 to take any comments that anyone might have
 19 concerning, comments and questions, concerning the
 20 Zone 3 FOSL.

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1 Do we have some handouts for Zone 3?
 2 For those who may not have attended the last
 3 meeting, there were in your meeting minutes package,
 4 there should have been copies of the handouts from
 5 Zone 3 FOSL.
 6 So I'm basically just opening it up. If
 7 there are any questions or comments.
 8 Zone 3 consists of the Yerba Buena Island
 9 housing and portions of the Treasure Island housing
 10 that are not in IR site 12.
 11 And there is a poster board on the back
 12 there which is being held up there by Lynne.
 13 The purple area is Reuse Zone 3.
 14 MR. ONGERTH: Isn't that what we were told
 15 at the last meeting?
 16 CO-CHAIR SULLIVAN: Yes. The briefing at
 17 the last meeting was just prior to the document being
 18 issued, so the document was issued on about the 8th of
 19 July and mailed out to some of the RAB members who
 20 usually comment on the documents.

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1 I also have an additional copy or two, if
 2 anyone hadn't received one but would still like one.
 3 MR. HEHN: Wouldn't that zone, is there any
 4 underground pipelines that are going to be removed in
 5 any of those parcels?
 6 CO-CHAIR SULLIVAN: Well, let me just say a
 7 few things and maybe Lynne can expand on that.
 8 On Yerba Buena Island, we are closing in
 9 place and removing some fuel pipelines.
 10 On Treasure Island, the Treasure Island
 11 housing area is not in the area that we are doing the
 12 pipeline work. The Treasure Island pipelines are
 13 predominantly on the east side of the island and then
 14 running along 5th Street from east to west.
 15 MS. SHIRLEY: Jim, I have a question.
 16 Does the FOSL address best management
 17 practices associated with the storm water discharges
 18 that maybe the tenants would be responsible for?
 19 CO-CHAIR SULLIVAN: No, because the EBS FOSL
 20 is evaluating the current condition of the property.

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1 It's not an environmental compliance document.
2 MS. SHIRLEY: So where would that be
3 addressed?
4 CO-CHAIR SULLIVAN: Actually, in at least
5 two places.
6 All of our standard leases contain
7 environmental protection clauses. At the minimum, it
8 has the most broad clause saying that we shall abide
9 by all state, federal and local regulations. But it
10 also goes into more detail than that.
11 Also, the Naval station or this facility
12 still has a storm water compliance program, since our
13 storm water outfalls are permitted by the state.
14 MS. SHIRLEY: Right. Well, the reason I ask
15 the question, the lawsuits are settled, and it sort of
16 beefs up the requirements for storm water monitoring.
17 CO-CHAIR SULLIVAN: Yes.
18 MS. SHIRLEY: So I was just thinking it
19 might be nice to link in, to link in earlier in the
20 process so you don't end up leasing to somebody

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1 messing up your storm water, and then you're liable
2 for it and so on and so forth.
3 MS. KATHURIA: Actually, the permit is
4 actually issued by the Water Board.
5 If the lessee comes in, they still have to
6 abide by the Navy's permit.
7 MS. SHIRLEY: Right. That's exactly what
8 I'm saying, though.
9 In the lease, it might be worth a look-see
10 to make sure that the lessee doesn't do something that
11 might cause that permit to be violated that the lessee
12 wouldn't know about.
13 CO-CHAIR SULLIVAN: I see what Christine is
14 getting at.
15 Maybe another answer to that is, regardless
16 of whether the property is leased or not, or if it is
17 leased, we still include that in the Navy's compliance
18 program as long as we are the permit holder of the
19 storm water permit.
20 So we are still inspecting the lessee's

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1 property. We are not excluding their activities from
2 our inspections.
3 MS. SHIRLEY: I just thought it would be
4 nice to link it all together.
5 CO-CHAIR SULLIVAN: But that is a good and
6 valid comment to make sure that the compliance
7 programs are adequately linked to the lessee's
8 activities.
9 MS. SHIRLEY: Just so they know about what
10 you have to deal with so that they don't aggravate the
11 situation.
12 CO-CHAIR SULLIVAN: Exactly. I agree.
13 MR. HEHN: Is that part of anything in the
14 lease that would have to do with that?
15 CO-CHAIR SULLIVAN: Well, the lease would
16 reference storm water protection, but at this point in
17 time, the Navy is still running that program.
18 At some point, which it isn't clear at what
19 point that might be, maybe a year from now or so, the
20 city may start running that program instead of the

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1 Navy, but somebody on a basewide level would be
2 running the program.
3 Lynne, I don't think there is anything else
4 as far as the EBS FOSL document that really adds to
5 that.
6 MS. SRINIVASAN: For Zone 3?
7 CO-CHAIR SULLIVAN: Yes, for Zone 3.
8 MS. SRINIVASAN: No, there is nothing in
9 there about that.
10 MR. HEHN: One of the questions, I think,
11 from last month was the small arms range.
12 MS. SRINIVASAN: We are going to actually
13 talk about that in the next presentation.
14 MR. HEHN: Oh, okay. I segue right into
15 that.
16 MS. SRINIVASAN: Yes, you did.
17 CO-CHAIR SULLIVAN: Okay. Well, there being
18 no other commentary on the Zone 3 FOSL, we are still
19 in the comment period for that document.
20 I think the comment period ends, I think,

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1 the end of the week of our, yes, we targeted it to end
2 at the end of the week of the interim meeting. So
3 there will still be an opportunity -- well, you can
4 comment at any time, but there will still be an
5 opportunity to discuss it at the next interim meeting,
6 which is on the 5th of August, and then the closeout
7 for the comments will be on that Friday, the 8th of
8 August.

9 And as Lynne was saying, we are segueing now
10 into a document, another document that covers aspects
11 of Zone 3 as well as other parts of the base, and that
12 document is the EBS screening level data report.

13 That document was just made available about
14 a week or so ago and was mailed out. I also have an
15 additional copy or two of that also.

16 We have a short presentation on the sampling
17 program associated with EBS.

18 MR. BORREGO: Hi. My name is John Borrego.
19 I'm with Uribe & Associates, working with PRC and the
20 Navy on the environmental baseline survey sampling

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1 analysis.
2 This is a follow-up to the basewide,
3 environmental basewide survey which was put together
4 by ERM-West in 1985. I will go through the sampling
5 we did and the results and the recommendations for
6 some further actions.

7 First, I want to go through the purpose of
8 our sampling and then the target areas, the results
9 and recommendations, and the target corridors, which
10 are the two names for the types of areas we culled the
11 samples.

12 The purpose of the sampling was to resolve
13 data gaps identified in the basewide EBS with respect
14 to potential contaminant release areas and to evaluate
15 the storm sewer system as a potential source or
16 conduit for contaminant migration.

17 In order to do that, a work plan was
18 prepared by ERM-West in 1986. It was finalized in
19 April of 1986 to address data gaps.

20 The work plan identified four target areas,

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1 which are various parcels and potential release areas
2 on various parcels, and eight storm sewer corridors,
3 which are portions of the storm sewer system for
4 further evaluation.

5 Jumping into the target areas, I don't know
6 if you can see this map very well (indicating).
7 Target Area T002, which is just behind Building 1, the
8 former generator location.

9 Target Area T018 is the aboveground storage
10 tank adjacent to the commissary building on this
11 portion of the island.

12 Target Area T029 is a former incinerator
13 next to building 449.

14 And Target Area YB03/20 is the former pistol
15 and small arms range on Yerba Buena Island.

16 Jumping right into Target Area T002, the
17 former generator pad, right now it's a concrete pad
18 adjacent to Building 1, the horseshoe building.

19 The stained soil identified in basewide EBS,
20 we collected three surface soil samples and identified

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1 total petroleum hydrocarbons as diesel and motor oi
2 The maximum concentration of motor oil was 290
3 milligrams per kilograms. Diesel was 39 milligrams
4 per kilogram, which are below the Naval station
5 petroleum screening criteria, which are still in
6 development. It's not a finalized number yet.

7 We are recommending no further action for
8 this area.

9 Target Area T018, aboveground storage tank
10 34A, which is adjacent to the commissary building.
11 Stain was noted on a concrete pad underneath the
12 aboveground storage tank in the basewide EBS. We
13 collected three surface soil samples adjacent to the
14 concrete pad, TPHs motor oil was detected at 4800
15 milligrams per kilogram, which is above the screening
16 criteria in one of the three samples. The other two
17 samples are very little concentrations, less than 50
18 milligrams per kilogram.

19 And so for Target Area T018, we recommend a
20 follow-up sampling to evaluate the extent of the

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1 contamination.
2 For the follow-up sampling, we recommend
3 three surface soil samples in a radius, approximately
4 ten feet around the area where we collected samples
5 previously.
6 And then one subsurface soil sample and one
7 "grab" groundwater sample adjacent to the concrete
8 pad, where we had the highest detected concentration
9 in the screening level samples.
10 And then onto Target Area T029, the
11 incinerator building. The basewide EBS noted a
12 potential for dioxin release from the incinerator.
13 Collected three wipe samples. The work plan
14 identified collecting wipe samples from inside the
15 incinerator itself. When we opened it up to look at
16 it, it appeared to be friable asbestos material inside
17 it, so we elected not to collect samples from inside
18 there, but, instead, collected sooty materials from
19 the walls of the building containing the incinerator.
20 No dioxins were detected above the detection

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1 limits, which was about -- I forgot what it was. It
2 was quite low. It was like .2 to .4 to 2 nanograms
3 per wipe, which was a square foot area where we
4 collected the samples.
5 And so we recommend no further action for
6 the incinerator building, Area T029.
7 And then onto Target Area YB03/20, which is
8 the former pistol and small arms target range on Yerba
9 Buena Island.
10 The basewide EBS noted through interviews
11 with museum docents that there had been a small arms
12 target range on there, and on that portion of Yerba
13 Buena Island in the early part of the century.
14 We were able to review some of the
15 historical photos, which I have one of them here. It
16 shows the target range and the various parts of the
17 target range are indicated on here. You can look at
18 this during the break.
19 We looked at the photos to collect samples
20 approximately where the bullets would have gone from

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1 the range.
2 We collected eight surface soil samples and
3 lead was detected within background in six of the
4 eight samples.
5 The background at Yerba Buena Island was 63
6 milligrams per kilogram.
7 Lead was detected at a maximum concentration
8 of 230 milligrams per kilogram, which is less than the
9 EPA preliminary remediation goal for lead.
10 And so we recommend no further action for
11 the small arms target range area.
12 Onto the target storm sewer corridors. The
13 storm sewers were being evaluated as a potential
14 contaminant source and as a conduit for contaminant
15 migration from the nearby installation restoration
16 program sites.
17 There were eight target corridors identified
18 in the work plan based on an evaluation of the
19 greatest potential for storm sewer contamination, the
20 worst case.

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1 The criteria used was potential source of
2 locations, the drainage boundaries of the storm sewer
3 system, the former locations of severely damaged
4 lines, and the proximity to installation restoration
5 program sites.
6 Based upon the data obtained from these
7 worst case areas, the plan was to extrapolate the
8 contamination potential for other areas.
9 In other words, if these worst case areas
10 came out okay, then we could say that the other storm
11 drains or storm releases from the storm drains to the
12 soils or groundwater to the site would be unlikely as
13 well.
14 We collected sediment samples from catch
15 basins and manholes on six of the eight target
16 corridors. The samples were collected to indicate a
17 potential for contaminant release from the corridor
18 itself.
19 The compounds we detected in the catch basin
20 sediment samples are related with vehicle and road

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1 runoff compounds. And, also, with nearby IR sites,
2 the IR sites, the installation restoration program
3 sites near each of the target corridors we collected.
4 The sediment samples are primarily petroleum related
5 sites.

6 So in the samples, we detected petroleum
7 compounds and other compounds similar to, that you
8 would find with vehicle or roadway runoff, and we were
9 recommending that the catch basins and manholes on the
10 target corridors be cleaned.

11 MR. ONGERTH: Are these catch basins and
12 manholes on active storm sewer lines?

13 MR. BORREGO: Yes.

14 MR. ONGERTH: So they have gone through
15 winter after winter after winter of runoff?

16 MR. BORREGO: Yes.

17 I understand that the storm drain system was
18 cleaned, or the catch basins were cleaned in 1996, and
19 so what we detected was most likely from this past
20 year.

1 MR. ONGERTH: I don't follow your rationale.
2 They were cleaned ten years ago.

3 MS. SHIRLEY: No, '96.

4 MR. BORREGO: 1996.

5 MR. ONGERTH: 1996.

6 MR. BORREGO: 1996.

7 MR. ONGERTH: I misunderstood.

8 MR. HEHN: Can you indicate on the map where
9 those particular target corridors are?

10 MR. BORREGO: The target corridors are,
11 Target Corridors 1 and 2 are along the southern
12 boundary of Treasure Island (indicating).

13 Target Corridor 3 is over here next to the
14 former auto hobby shop area.

15 Target Corridor 4 is over in this area
16 adjacent to IR Site 6 (indicating).

17 Target Corridor 5 is up here (indicating)
18 adjacent to the pier area, between the pier and the
19 commissary area.

20 Target Corridor 6 is over here adjacent to

1 the fuel farm area and the gardener storage area.

2 Target Corridor 7 is along here in the
3 center along the fuel lines which run along through
4 here.

5 And Target Corridor 8 is over here near
6 Building 260 and IR Site 24 (indicating).

7 MS. SRINIVASAN: This map has everything on
8 it. It has the sample locations and that other stuff.
9 I know it's hard to see from there.

10 CO-CHAIR SULLIVAN: Also, the report has a
11 similar map.

12 MR. BORREGO: We also collected soil samples
13 from along each target corridor.

14 Soil samples were subsurface samples
15 collected approximately one foot below the elevation
16 of the pipeline itself and above the groundwater
17 table.

18 The work plan had an indication in there.
19 If groundwater seemed to be above that, above the
20 level of the pipeline to collect groundwater sample,

1 we tried to have as accurate a representation of the
2 conditions as we could. We did not encounter
3 groundwater above those levels, only encountered the
4 unsaturated soil to there (indicating).

5 As far as results, TPH diesel was noted
6 along Target Corridor 7 related to the underground
7 fuel lines, which are in the process of being removed,
8 and other soil sample results, contaminant releases
9 were not identified at the other seven target
10 corridors except for Methyl Tertiary Butyl Ethylene,
11 MTBE, in four of the target corridors.

12 MTBE was detected near the detection limit
13 in numerous samples from the four target corridors.

14 There are currently no screening criteria or
15 cleanup goals for MTBE in soil.

16 The properties of MTBE, it is a flammable,
17 colorless liquid which is used as a gasoline additive.
18 In federal formulated gasoline, up to 15 percent by
19 weight can be MTBE, as compared with between three a
20 five percent benzene in previous gasolines.

1 It's more water soluble than other petroleum
2 compounds.
3 It's been in use since the early 1980s in
4 gasoline; only widespread use since the early '90s
5 with the federal reformulated gasoline.
6 In order to evaluate the MTBE we detected in
7 the soil, we proposed to do some follow-up sampling at
8 the four target corridors. Target Corridors 1, 2, 3
9 and 4, which are 1, 2, 3 over in this area, and 4 over
10 here (indicating), so in four separate locations on
11 Treasure Island.

12 The follow-up sampling program is going to
13 include one subsurface soil and one "grab" groundwater
14 sample at the location of the maximum MTBE detection
15 in each of the four target corridors.

16 One subsurface soil and one "grab"
17 groundwater sample, both up and down gradient from
18 that location along the storm sewer lines to try and
19 evaluate the extent of it.

20 And a groundwater samples from existing IR

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1 sites monitoring wells to evaluate groundwater away
2 from the storm sewer lines a little bit.

3 In order to summarize the follow-up sampling
4 that we propose at both Target Area T018 and Target
5 Corridors 1, 2, 3 and 4, the data will be evaluated
6 and appropriate recommendations put into a summary
7 report, which will include, also, all of the screening
8 level information together.

9 And that's all.

10 Is there questions?

11 MR. HEHN: Based on the number of no further
12 action or no further follow-up work on a number of
13 these sites, can you discuss a little bit more what
14 that is based on? Is that strictly based on the
15 limited sampling that you've done for those sites?

16 MR. BORREGO: It's based on the limited
17 sampling and the limited potential.

18 The basewide EBS identified these four areas
19 as, they don't know whether or not there could have
20 been a release, and based on the limited sampling, we

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1 are either saying that, yes, there seems to have been
2 a release, or, no, there hasn't been a release.

3 MR. HEHN: How were the samples that you did
4 collect, how were they analyzed?

5 MR. BORREGO: They were analyzed through a
6 COP (phonetic) laboratory methods, off site
7 laboratories.

8 MS. CASSA: Can I add to that?

9 MR. BORREGO: Yes.

10 MS. CASSA: The criteria for that analysis
11 was that all the analyses would meet the needs of the
12 IR program, so it's to the same standards used in the
13 restoration program.

14 MR. HEHN: But none of the immunoassay?

15 MS. CASSA: There was no field testing. It
16 was all laboratory.

17 MR. BORREGO: Did you have another question?

18 MR. HEHN: Yes, actually, I did.

19 One of the things that came up as far as the
20 target range, in looking at that, you have taken a

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1 number of soil samples from that particular area,
2 surface samples.

3 Have you looked at the historic changes in
4 topography over the last 70-plus years to assume that
5 there has been a fair amount of slough off on that
6 fairly significant cliff there, and were the soil
7 samples adequately sampled, or do you need to go
8 subsurface, assuming that there has been some covering
9 up of whatever might have been there, if it was done
10 during World War I, for instance?

11 MR. BORREGO: We did not look at the
12 topography issue. It would be difficult to do
13 subsurface samples because the hillside is quite
14 steep.

15 There is no physical indication of where the
16 area used to be. I think that the topography and
17 vegetation changed virtually completely. I don't know
18 if you would be able to do that.

19 MR. HEHN: Do you think it's fair to say
20 that that should be no further action only because

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1 there's no information?
 2 MR. BORREGO: I wouldn't say that we had no
 3 information.
 4 We collected surface soil samples from the
 5 area where it went on.
 6 I don't know that, I mean, wherever the
 7 potential lead release may have occurred, it could be
 8 subsurface soil sedimentation and it could also be
 9 down closer to the shoreline.
 10 MS. SRINIVASAN: Can I interject for one
 11 second?
 12 In having looked at it, it would be really
 13 difficult to figure out where to collect those samples
 14 from.
 15 I'm not sure, even if we did collect samples
 16 like that, we could answer your question. It would be
 17 based on the picture, which you can see, and based on
 18 the topography.
 19 Now there is a road in the picture. I think
 20 the picture is from 1917. There is a road in the

1 picture. And, yes, the topography has changed
 2 dramatically since then.
 3 But I don't think that we would be able to
 4 go out there and be able to put samples in in a way to
 5 answer that question.
 6 MR. HEHN: Henry?
 7 MR. ONGERTH: I raised the question
 8 previously about matter of priorities.
 9 It seems quite likely that there will never
 10 be nearly enough money to clean up everything that
 11 ought to be dealt with here in TI and YBI.
 12 This thing that's being discussed right now
 13 would seem to me to be way low on the list of
 14 priorities, and for that reason, I suggest we not
 15 spend any more time talking about it.
 16 MR. HEHN: Okay. So noted.
 17 I guess one of the questions I have on that,
 18 Henry, is that, as we go through this process of
 19 looking at various sites, it's often concluded, based
 20 on some fairly superficial information, that there

1 should be no further interest or no further action on
 2 those.
 3 But what I would suggest on those particular
 4 sites is that they rather say, "Hey, we don't know at
 5 this point. And if there comes a time when that site
 6 is going to be used for something in the future, that
 7 that needs to be assessed and not just essentially
 8 waived off because we don't know."
 9 That's my own point on that.
 10 MR. ONGERTH: Do you agree with considering
 11 the limitations of what we know?
 12 MR. HEHN: Certainly.
 13 MR. ONGERTH: That this is a low priority
 14 matter?
 15 MR. HEHN: Certainly.
 16 John, do you have a question?
 17 MR. ALLMAN: No.
 18 MR. HEHN: Chris?
 19 MS. SHIRLEY: You compared it to PRGs. Did
 20 you use residential PRGs?

1 MR. BORREGO: Yes. We used the residen
 2 soil, the EPA residential soil PRG. It confirmed 400
 3 milligrams per kilogram.
 4 MR. ALLMAN: Actually, I have a question.
 5 Now, for the follow-up sampling to evaluate
 6 the potential sources of MTBE at the four sites where
 7 it was located, are you going to then be looking at
 8 anything that drains into that section of the storm
 9 system, because, presumably, if you have MTBE, you
 10 should also see TPH gasoline at some point. The MTBE,
 11 of course, will migrate faster and maybe washed out
 12 sooner.
 13 MR. BORREGO: Yes. In the report, we talk
 14 about the various analyses, and we do plan to do TPH
 15 gasoline and diesel and BTEX, along with MTBE to try
 16 and evaluate the sources a little more than just
 17 analyze MTBE.
 18 MR. ALLMAN: But my question is: Do you
 19 know how you're going to go about doing that, because,
 20 basically, if something can get onto the road, it will

1 follow along a curve until it goes into a catch basin,
2 or are these all pretty well-defined as far as what
3 goes down into that part of the basin, as far as the
4 site?

5 MR. BORREGO: The drainage areas are fairly
6 well-delineated based on the work that ERM-West did
7 for the work plan as to what drains into what storm
8 drain line system.

9 And, so, yes, that will be part of exactly
10 where we put the sample locations as to how close can
11 we get to the most likely source versus just moving
12 up, you know, ten feet from where we did the last one
13 and put it in.

14 MR. ALLMAN: And will this also affect the
15 offshore sampling that's planned, because, basically
16 if you want to get it in the catch basin, you would
17 also expect that it's getting out to the point sources
18 leading into the bay.

19 MR. BORREGO: We did not detect any MTBE in
20 the catch basin samples, only in the soil samples,

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1 subsurface soil samples along the storm drain lines.

2 MR. ALLMAN: I see. I was combining the two
3 slides together.

4 So one of them is talking about sediment
5 sample results which is in the catch basin versus the
6 soil samples from the --

7 MR. BORREGO: Yes.

8 MR. ALLMAN: Okay.

9 CO-CHAIR SULLIVAN: John, let me add, also,
10 in addition to the EBS sampling program, there is
11 still an ongoing storm water program, which is a
12 compliance program rather than a cleanup program.

13 So the actual storm water outflow is
14 monitored during the year in samples taken, and if
15 samples indicate that there is a potential problem,
16 then we would follow that up to try to identify the
17 upstream source of that.

18 So that's an ongoing, in fact, you missed
19 the earlier discussion about the storm water program,
20 but, basically, our storm water outfalls are permitted

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1 by the state. So we are required, just like in a
2 manner with the sewer treatment plan, to have an
3 ongoing monitoring program. That's ongoing
4 independent of the cleanup program.

5 MR. ALCEDO: Do you know what the half life
6 of MTBE in the soil is?

7 MR. BORREGO: No.

8 Most of the information I think we have is
9 on MTBE in groundwater, where it's less volatile than
10 some of the benzene, toluene, those types of gasoline
11 components.

12 But it does volatilize somewhat, but,
13 mostly, it dissolves in water rather than -- most
14 petroleum things do not dissolve as much in water, and
15 so they tend to stay right near the top of the water
16 level and move slowly.

17 MTBE, from what I've been able to find out,
18 mostly it goes into groundwater and is transported
19 that way.

20 MR. ALCEDO: Well, what about the

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1 carcinogens?

2 MR. BORREGO: That is still being looked
3 into by the EPA.

4 MS. SRINIVASAN: I don't think they've come
5 out with anything final yet.

6 I think, right now, it's also been in the
7 newspaper and you have seen Channel 7 editorials.
8 It's been on Saturday evenings. But I don't think EPA
9 has actually come out with an official either cancer
10 potent factor or saying officially whether it's
11 carcinogenic or not yet.

12 MR. BORREGO: Any other questions?

13 CO-CHAIR SULLIVAN: So if you would like a
14 copy of the report, we can send those out to you.

15 Right now, we have been sending out most of
16 the copies of almost every report to John, to the
17 people who are here -- John, Christine and Paul -- but
18 if the rest of you would like to get a copy of this
19 report, we would be happy to send one out.

20 I will leave a copy with Hugo in the back

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1 during the break.
2 Our next item is a preview of the Zone 4
3 finding of suitability to lease. This is the last of
4 our large zones FOSLs, at least for this year's
5 program. The document is not available yet. We
6 expect to release it in the first week or so of
7 August, but we wanted to give you a preview tonight,
8 since, by the time of next month's meeting, the
9 document will already be out and this will just give
10 you a preview when you receive the document.

11 MS. SRINIVASAN: As Jim said, we will talk
12 about Reuse Zone 4, which, on this map, is this blue
13 color, and as we talked about previously, it's
14 primarily IR site 12.

15 There are some effects from a couple of
16 other IR sites, but, basically, it's the housing
17 within IR Site 12 on Treasure Island.

18 CO-CHAIR SULLIVAN: Originally, Zone 4 was
19 going to be all of the Treasure Island housing, but
20 because IR Site 12 only affects a portion of the TI

1 housing, we took some of the TI housing out of Zone 4
2 and moved it into Zone 3.

3 MS. SRINIVASAN: Which we talked about last
4 month.

5 So Reuse Zone 4 consists of seven parcels --
6 96, 97, 100, 101, 102, 103 and 107, which, as I said
7 before, are in the blue areas.

8 Again, as we've talked about in prior
9 meetings, the ECP area types for these parcels, there
10 is only one that is currently categorized as ECP
11 Category 1, which means that there is no problem
12 there.

13 The others are ECP Area Type 6, Parcels 96
14 and 103, because they are on IR Site 12, and ECP Area
15 Type 7 parcels, because those are affected by the
16 potential storm drains that we just talked about, and
17 we're going to do some additional sampling, hopefully,
18 to clear all that up.

19 As I said earlier, we're going to talk about
20 some of the environmental issues that are related to

1 Reuse Zone 4: IR Site 12, IR Site 6, IR Site 20, and
2 the storm sewer lines.

3 Having reviewed the draft remedial
4 investigation report and looking at the risk
5 assessment for IR Site 12 -- and my background is risk
6 assessment, so I can talk about this with some level
7 of knowledge -- the estimated carcinogenic risk for
8 soil exposure at IR Site 12 is within the target risk
9 range. I believe it's about three times 10 to the
10 minus 5 for everyone exposure to basically everything
11 at IR Site 12.

12 The estimated hazard index is going to be
13 less than 1 for the target organ effects. I believe
14 it's less than 1 for adults and less than 1.7 total
15 for children, and when you break out the contributors
16 to that, I believe antimony contributes primarily, and
17 that hazard quotient is about .6.

18 From our review, it looks like, at IR Site
19 12, lead in soil is the primary risk driver. We
20 talked about lead as a result of lead-based paint. We

1 also have lead in IR Site 12 as a result of past
2 activities at IR Site 12.

3 And we talked a lot with EPA and DTSC about
4 how to handle this and how to propose what the risk is
5 for people who are leasing this area.

6 We came up with an approach that we think is
7 going to work, and I present it tonight to get your
8 input, actually, what you guys think about it.

9 What we thought we would do is, we were
10 going to develop a lead distribution map. Basically
11 put down concentrations of lead in surface soils, zero
12 to two feet, from the data from the RI, data from the
13 lead-based paint studies, and I believe there is data
14 from the playground evaluation that was conducted in
15 1991.

16 We will take all those data and we are going
17 to plot them on a map.

18 We have also calculated mail station
19 (phonetic) Treasure Island acceptable levels. So wh
20 we did was, we took the DTSC model, lead spread risk

1 assessment model, and put it in on the site to see
2 safe concentrations and external parameters and
3 everything else, and basically back calculated out
4 this level in soil that we think would be acceptable.

5 And we calculated it two ways: We
6 calculated it including growing vegetables in your
7 backyard. I believe that that number is about 216
8 milligrams per kilogram of lead in soil.

9 We also calculated it, if you prohibit
10 growing vegetables in your backyard, I believe that
11 concentration is about 463.

12 So we thought we would try to locate these
13 areas at less than 216, between 216 and 463, and try
14 to come up with some areas on the map that maybe we
15 wouldn't, maybe it would be in this area and we would
16 not lease this area, or we would fence this area, or
17 we would do something so that we could lease
18 everything else around there and still make it safe
19 for everybody to be there for an extended period of
20 time.

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1 So based on that analysis, which we are just
2 starting on right now, we are going to look at that,
3 and we are going to, like I said earlier, try and
4 restrict it, if we have to, by fencing, limit people
5 to renew their lease so maybe they would only be there
6 two years and then new tenants would come in,
7 prohibiting homegrown produce, and, lastly,
8 prohibiting people from having children there, which
9 we really would rather not do if we can help it.

10 So what do you think about IR Site 12? Is
11 that an okay approach?

12 MS. SHIRLEY: I have a quick comment.

13 I wish you would find a different word
14 besides "acceptable lead concentration," because I
15 immediately think, acceptable to whom?

16 MS. SRINIVASAN: Well, DTSC, 99 percentile
17 to children --

18 MS. SHIRLEY: I know you can justify it, but
19 I'm just saying, that's a red flag word and maybe you
20 better come up with a more descriptive, less red

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1 flaggy word.

2 MS. SRINIVASAN: Okay.

3 MS. SHIRLEY: It's just my pet peeve.

4 MR. ALCEDO: If you look at it, mercury, a
5 lot of the lead-based paints contain mercury as an
6 anti-fungicide.

7 MS. SRINIVASAN: We have not looked at that.
8 I believe the Navy has a program of sampling around
9 houses for lead-based paint, and I believe it follows
10 HUD guidance as to lead-based paint sampling.

11 I don't believe there is any evaluation for
12 mercury.

13 MR. ALCEDO: Hardly anybody ever does, but
14 it's there.

15 MS. SRINIVASAN: No, we have not.

16 CO-CHAIR SULLIVAN: Well, as part of the
17 original IR investigation for the site, from the
18 earlier, more broad-based sampling, we identified what
19 we thought were the potential contaminants of concern.

20 So we screened out a lot of things at

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1 earlier stages of the program, and then in later
2 investigations or concentrating on those elements that
3 we know are in greater abundance.

4 MS. SHIRLEY: But abundance doesn't say
5 anything about toxicity.

6 CO-CHAIR SULLIVAN: No. Actually, I
7 probably should have reworded that.

8 Determining a potential contamination of
9 concern relates to its quantity as well as its
10 toxicity, so you're exactly right.

11 MR. HEHN: John?

12 MR. ALLMAN: Now, if you're trying to find
13 reasonable levels, I realize that the regulatory
14 agencies don't require considering synergistic effects
15 of metals when you're looking at a site.

16 I think it's a concern at Site 12, because I
17 think you're saying, in the last slide, the antimony,
18 there is a bit of antimony on the site, and I know
19 there has also been silver detected at the site and
20 now there is lead at the site.

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1 MS. SRINIVASAN: I think that, again,
2 looking at the maps that I have seen, it looks a lot
3 to me like the distribution isn't very widespread, and
4 that's why we look at the distribution of lead.

5 I remember antimony not being very
6 widespread.

7 Lead is a little more widespread than I
8 think some of the other metals. I think Richard could
9 probably answer this question better being familiar
10 with RI.

11 MR. KNAPP: We essentially came up with
12 ambient concentrations based on the fill that was used
13 to construct TI, so we have a good feel for what's
14 basically everywhere at TI.

15 That was one of the first screens in metals
16 that are above ambient and used in the risk
17 calculations, and, basically, came up with certain
18 drivers, if you will.

19 So all along in the process, we have been
20 looking at a whole suite of metals and how they

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1 compare to the ambient concentrations and what sort of
2 risks they produce.

3 MR. ALLMAN: So was silver actually detected
4 in the soil as well as the groundwater?

5 MR. KNAPP: I believe it was.

6 MR. ALLMAN: Because what I'm talking about
7 is, yes, what you're covering is adding the risks
8 together of the different metals.

9 I assume this is what you're doing if you're
10 using standard HHRA, which we had the work shop on
11 last year.

12 MS. SRINIVASAN: Yes. When you do that like
13 with the target organs, basically you take all the
14 metals that affect the same target and you would add
15 them all up.

16 MR. ALLMAN: You would add them all up, but
17 there have been studies with different combinations of
18 metals where they found that you can have a small
19 amount of lead and a small amount of cadmium and it
20 will be worse than having a whole lot of either one of

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1 them.

2 MS. SRINIVASAN: And that's part of the
3 uncertainty evaluation that comes at the end of the
4 risk assessment when they talk about that.

5 There are built-in safety factors, shall we
6 say, in the reference doses that the EPA calculates,
7 so that it would be, in my experience, it would be
8 unlikely that that would happen. And it does get
9 evaluated in the uncertainty analysis of the risk
10 assessment.

11 MR. ALLMAN: That's the usual answer I get
12 from people.

13 MS. SRINIVASAN: I don't think anybody has
14 come up with a way to calculate it because nobody
15 really knows.

16 When they do studies, they target it to one
17 compound or one metal and nobody has really looked at
18 it like, let's try mercury and antimony and see what
19 happens.

20 MR. ALLMAN: That's my problem. People

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1 usually tell me what you're telling me, and that's the
2 way people are taught to do it. That's the way the
3 methods are written for how to do these calculations.

4 What I'm saying, where there is medical
5 research done with whether it be humans or mice or
6 whatever, that shows that, say the combination of
7 silver where there is a patch of silver and then it
8 overlaps with some lead, that that might be one of the
9 areas that you would fence off as high risk area,
10 because even though you throw your safety factors in,
11 you know that those two together will have a very bad
12 effect.

13 MS. SRINIVASAN: And if we had that
14 information, it would be really easy to do that.

15 I don't think anybody has really done a lot
16 of that work, especially if I was really interested
17 in, like you said, mercury and lead or antimony and
18 lead, I don't think I could go to the studies and say:
19 Okay, I want specific studies and I want a lot of them
20 and find that information.

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1 MR. ALLMAN: You can find it.
2 MS. CASSA: John, can you compile some
3 references?
4 MR. ALLMAN: I have a couple that I've just
5 come across.
6 MS. CASSA: I think that would be very
7 helpful if you can write down these citations to help
8 forward this conversation.
9 MR. ALLMAN: Right.
10 But then I would also assume that somebody
11 would do some actual in-depth research of the
12 literature to find out the combinations that were
13 studied.
14 I only have the ones that were passed to me
15 from projects I've worked on, and I've never done a
16 literature search through database to find out, but
17 you can do that. People do that all the time.
18 MS. CASSA: It sounds like that would be a
19 start.
20 If you can at least come up with citations

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1 from papers that you know about, that's better than
2 just talking about it in vague terms.
3 MR. ALLMAN: Okay. I will do that.
4 MR. HEHN: Laurie?
5 MS. GLASS: I would like to suggest a couple
6 of other lease restrictions for IR Site 12.
7 MS. SRINIVASAN: Okay.
8 MS. GLASS: With the idea that there is
9 quite a bit of wood on Treasure Island, or instead of
10 or in addition to fencing, do some kind of
11 landscaping, vegetative covers. That's one thing.
12 And then the other thing, with the idea that
13 it's usually not very effective to prohibit kids from
14 doing things, with the idea of providing them with an
15 alternative.
16 For example, if there was going to be
17 significant, you know, any kids at all, to require
18 that whoever is leasing to provide a safe play area.
19 MS. SRINIVASAN: We actually talked about
20 that in relation to also providing like an area where

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1 people could grow vegetables if they couldn't grow it
2 in their back yards, too.
3 MS. GLASS: So that would be some of the
4 additional kinds of suggestions about lease
5 restrictions that might be useful -- not might be --
6 would be useful to have.
7 MS. SRINIVASAN: Yes. Great ideas.
8 MR. ALCEDO: What you're talking about is
9 what's known as potentiation effects.
10 You see that around bridges where you're
11 doing lead-based paint, but that the paint is chrome,
12 and you have two different effects.
13 The lead stays in the first foot or so. The
14 chrome goes further.
15 The chrome is probably 50 times more toxic
16 than the lead, and very few studies have been done in
17 large scale, like housing.
18 But in housing, if you look and you go out a
19 foot or two feet and then a foot down, and then you
20 get that out of there, you have most of it. But that

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1 costs a lot of money.
2 MS. SRINIVASAN: Yes, that's true.
3 We've actually done some studies in a couple
4 of other bases where we have actually looked at the
5 distance from the house and out in the concentrations
6 of lead, and you're right, they do drop off
7 dramatically.
8 MR. HEHN: Richard?
9 MR. HANSEN: Yes. I'm a little concerned
10 about this limit to the lease renewal policy, to
11 suggest that TI, understanding that some of the
12 housing would be used for homeless, low-income type
13 people, and you might say, well, the Hansen family can
14 only live here two years with our small children.
15 Well, these kinds of people then might move
16 from this place, because their two years is up, and
17 they go to a similar situation where the limitation is
18 two years and it's cumulative. You really haven't
19 accomplished what you wanted to do.
20 MS. SRINIVASAN: But I think the city was

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1 going to use it for schooling.
2 CO-CHAIR SULLIVAN: Actually, the purpose of
3 having a short-term lease is really an interim measure
4 in order to lease the housing now while we are still
5 completing our remediation.
6 So it actually, I think, it's actually
7 accomplishing two things: One, it allows us to lease
8 more of the housing, and, then, secondly, it puts a
9 cap on the duration because we will have to, we may
10 have to vacate some of that housing or it may be
11 disruptive when we do the cleanup nearby that housing.
12 MR. HANSEN: I would say it's massively
13 disruptive. If somebody digs up your front yard, it's
14 going to affect you and everybody within five blocks.
15 Why not do it and get it over with?
16 MS. GLASS: Isn't there a public trust issue
17 with long-term lease of that housing?
18 CO-CHAIR SULLIVAN: There may be something
19 like that that's kind of outside of, you know, of my
20 background. How long this housing is used, whether or

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1 not it's replaced by other housing are issues kind of
2 beyond us here.
3 MR. VAN WYE: You're thinking of the
4 Tidelands Trust issue.
5 CO-CHAIR SULLIVAN: Yes.
6 MS. SHIRLEY: That actually is an issue, and
7 my understanding is, there is some sort of memorandum
8 of understanding of not replacing that housing unless
9 that is resolved.
10 MR. ALCEDO: Unless you're talking about
11 homeless strictly, I don't think the PR would be very
12 good for the mayor if you say you can't have kids. I
13 don't think that would sell.
14 MS. SRINIVASAN: Right, and we don't want to
15 do that.
16 We need to look at it and really evaluate
17 it, because, at the same time, we don't want to, if
18 there is a problem, we don't want kids there.
19 MR. VAN WYE: Since children have been
20 living in those places, the children of the enlisted

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1 members of the United States Navy, they have been
2 living there for probably three or four decades, is
3 there any empirical evidence whatsoever that any kid
4 has been possibly harmed by any local concentration of
5 anything over there?
6 MS. SRINIVASAN: I don't know if they
7 analyzed it.
8 CO-CHAIR SULLIVAN: No. I mean, there is
9 nothing, the normal medical care has not indicated
10 that there is anything attributable to the site.
11 MR. ALCEDO: Well, there have been studies,
12 we have done studies, children in housing showing up
13 with high lead levels.
14 CO-CHAIR SULLIVAN: No, and that's true.
15 MR. ALCEDO: I don't know about here but
16 other places.
17 CO-CHAIR SULLIVAN: And I understand what
18 you're saying.
19 There is a blood lead screening program.
20 There was a program that was conducted for our

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1 residents.
2 So if there were problems due to blood lead
3 levels, it would have been identified during the
4 normal medical care of the residents living on the
5 island.
6 Another thing to consider, too, is that our
7 population, our military population is largely a
8 transient population.
9 So what we are trying to deal with in this
10 FOSL is trying to make a decision as to whether or not
11 we need to continue to limit, to artificially limit
12 the duration of residency. Whereas with the military,
13 it was just a natural occurrence that no one was here
14 for any great length of time.
15 But if you didn't impose a limit and someone
16 were to lease, there would be no preventing for
17 somebody being there 10, 15, 20 years.
18 MR. VAN WYE: Jim, is there any lead-based
19 paint, has the Navy used any lead-based paint in the
20 houses in the area at all?

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1 CO-CHAIR SULLIVAN: Yes.
2 MR. VAN WYE: They have?
3 CO-CHAIR SULLIVAN: Yes.
4 I mean, lead was used in paints well into
5 the 1970s. This housing was built, the majority of
6 the housing was built between 1965 and 1974. So it
7 was still in that period of time when some lead, you
8 know, was used in paint.
9 The newest housing was built in 1989, so we
10 wouldn't find lead in those areas.
11 But in 700 of the 900 units on Treasure
12 Island, they were built during the period when lead
13 was still used in the paints.
14 MR. VAN WYE: Do we know if there is lead in
15 the paint in those houses?
16 MS. SRINIVASAN: Yes.
17 CO-CHAIR SULLIVAN: Yes.
18 MR. VAN WYE: There is?
19 MS. SRINIVASAN: We have lead-based paint
20 studies that we are using some of that data to do this

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1 evaluation.
2 There is actually not that much in the soil
3 around the housing. They looked at paint dust, paint
4 chips and soil around the housing, and there is some.
5 It doesn't look like there is a lot, but there is
6 some.
7 MR. HEHN: Richard?
8 MR. HANSEN: The discussion here is only one
9 little block on the matrix.
10 Before the city can provide the much needed
11 housing stock out here to people who really need the
12 housing, there has to be assurance that the seismic
13 risk is acceptable, that the plumbing code criteria
14 have been met, the electrical codes have been met, the
15 lead-based paint hazards are not severe.
16 Is this the only issue that would restrict
17 the city from using that for short-term housing?
18 CO-CHAIR SULLIVAN: From my indirect
19 understanding, yes, because the city building
20 department has been conducting inspection of this

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1 housing.
2 My understanding is that it's found to be
3 basically suitable at least for short-term leasing, if
4 not longer.
5 So it appears that our FOSL is basically the
6 last hurdle that needs to be cleared before the
7 housing can be leased.
8 MR. HANSEN: Have the consultants looked at
9 the cost of scraping up six inches of the soil and
10 getting on with it?
11 CO-CHAIR SULLIVAN: Well, you're talking
12 about an area, an area that's some 75, 50 to 75 acres,
13 so when you start taking off soil, it really starts to
14 add up.
15 MR. HANSEN: But as part of the ongoing
16 studies, are you also doing economic studies as part
17 of the remediation?
18 MS. SRINIVASAN: I'm sorry, I didn't hear
19 the question.
20 MR. HANSEN: Well, your appropriate lease

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1 restrictions, I would add to it: Remove the top two
2 inches, four inches and/or six inches of soil.
3 MR. ALLMAN: Yes, but there is still other
4 contamination in that area, too. It's going to be
5 mixed anyway. It's not clear you could remove it and
6 remediate the lead-based soil.
7 MS. SRINIVASAN: The primary risk driver
8 right now for this purpose is the lead in the soil.
9 One of the things that we will talk about
10 later that Jim mentioned a little bit earlier is that,
11 based on the ongoing IR activities at Site 12, there
12 may be remedial activities happening out there within
13 the next two years.
14 We were going to limit the lease for two
15 years, as we talked about before, because of a
16 disruption kind of thing. So we don't think anything
17 is going to happen now, but in two years from now --
18 MR. HANSEN: In terms of removing the tanks
19 and pipelines and stuff like that?
20 MS. SRINIVASAN: Well, they are willing to

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1 take the pipelines out, but in terms of cleaning up IR
2 Site 12, I don't know if we can require them to remove
3 six inches of soil.

4 Actually, the landscaping idea is really,
5 and I know they are doing that in a lot of other
6 places as well. That really helps.

7 MR. HANSEN: That's what they are doing at
8 the Presidio right now.

9 MS. SRINIVASAN: And I know that that
10 happens in other bases, too, Mare Island as well.

11 MR. HEHN: I guess one of your questions
12 about the value of doing the lead distribution map is
13 probably a good basis or good start for this
14 evaluation, if there is an adequate amount of
15 information to really put that into a risk category or
16 how extensive or not extensive it might be.

17 I guess one of my questions is: Will this
18 evaluation also await the results of the additional
19 Site 12 investigation that's being proposed as a work
20 plan being prepared now?

1 MS. SRINIVASAN: For this particular lease,
2 I don't think so, because when is that going to take
3 place, the additional sampling?

4 Jim?

5 CO-CHAIR SULLIVAN: Well, the work plan will
6 be out right around the middle of August, and then
7 that's in draft form.

8 Once we finalize the work plan, we are still
9 seeking the funding. Right now, today, we don't have
10 the funding to do the actual field work. So the field
11 work, probably, even if we had the funding readily
12 available, it wouldn't happen until . . .

13 MR. GALANG: November.

14 CO-CHAIR SULLIVAN: Sometime in the fall.

15 MS. SRINIVASAN: I think, also, and we
16 talked about this issue as well, part of the reason
17 for the sampling of the IR in the first place was to
18 sample the identified source areas.

19 So we talked about, and we have data for
20 these identified source areas, and we think that those

1 are going to be the locations of where the highest
2 concentrations will be.

3 CO-CHAIR SULLIVAN: Maybe let me try to
4 answer Richard's question again, in that I think the
5 EBS FOSL process was basically set up to be more of a
6 screening process in order to determine: Is this
7 property suitable for lease or not?

8 It wasn't meant to be a remedial or cleanup
9 investigation process.

10 So, essentially, we are evaluating the
11 existing data and saying: Is this suitable or
12 What you're leading into, and it may be a valid thing
13 to consider.

14 When the issue is not very large, as to
15 whether or not making some small change, whether it's
16 a procedural change or an actual soil removal, might
17 make a significant impact on the leasability of the
18 property.

19 We haven't done that to date, but you raise
20 a point where even though it wasn't meant to be a part

1 of the EBS FOSL process, there might be some thing
2 small that could be done that could have a significant
3 effect on the leasability.

4 MR. HANSEN: Right. That's why I brought up
5 the issues about these other issues, about the
6 electrical code, the plumbing code, some
7 considerations of tying down the hot water heaters, et
8 cetera.

9 But my own bottom line, and then I will shut
10 up, because I would like to endorse what my friend
11 over here said about landscaping, and then put down
12 some good sod around the house, especially two to four
13 feet from the sides of the house, and prohibit the
14 construction of sand boxes in the yard, and make sure
15 that the grass turf is well maintained.

16 MR. HEHN: One of the concerns that I have
17 in looking at this risk and this FOSL is that until we
18 have that full evaluation of Site 12, as the results
19 of this additional work plan, we really don't know
20 what the other risks are on the site. There hasn't

1 been any sampling. How do we know?
2 So unless you just look at those sites where
3 you have adequate sampling, the rest of them have to
4 be removed from that FOSL at this point. I don't
5 think you can move ahead with that FOSL until you have
6 some information to base it on.

7 MS. SRINIVASAN: So why would we think we
8 would find things that were higher in source areas
9 previously?

10 I understand what you're saying. We've
11 asked those same questions. We've gone through this
12 exact process. We've played devil's advocate. I'm
13 not sure that we have gone through the historical
14 research and we've gone through all of this stuff to
15 identify the source areas.

16 We sampled the source. We're going to look
17 at these source areas. And, yes, we're going to go
18 out and do some more sampling. But I'm not sure that
19 what we're going to get out of that information at
20 this moment in time should prohibit leasing those

1 areas.

2 MR. HEHN: I totally disagree.

3 MS. SRINIVASAN: Okay.

4 MR. HEHN: Because I think that a lot of the
5 source areas that have been identified have not been
6 sampled, for instance, a lot of the split trenches, et
7 cetera, were never sampled, at least in the northwest
8 portion of Site 12.

9 Therefore, I don't think that you can assume
10 that there is no other sources out there just because
11 you don't have any information.

12 So I think that until you have that
13 information, I think to try to put those through a
14 FOSL process is really an endangerment potentially to
15 those who might live there until you know.

16 MR. MC DONALD: I have a comment about an
17 additional lease restriction that might be considered.

18 Since the public discussion, as I
19 understand, has taken place about the potential
20 residents of this housing would be perhaps short-term

1 housing for homeless people, in that one of the
2 fastest growing subsets of the homeless population are
3 women with children, and part of that subset are
4 pregnant women, would there be a possibility of a
5 lease restriction so that pregnant women are not
6 housed at this site if there is evidence of that kind
7 of risk that would lead to problems in utero?

8 MS. SRINIVASAN: Jim could answer this
9 question.

10 But from my understanding, the city, for the
11 interim leasing, I think the long-term leasing may be
12 homeless, but the interim leasing is not, in my
13 understanding, for the homeless. It's for the school
14 for the arts or something?

15 CO-CHAIR SULLIVAN: Yes.

16 Actually, maybe we kind of confused the
17 issue. When we say "transient," we don't mean
18 homeless. Transient meaning really anyone who may be
19 there for a shorter period of time. It could be
20 people working at the movie studios. It could be

1 students.

2 MR. MC DONALD: Well Tye Died, the group
3 that is a consortium, an organization dealing with
4 homeless issues, has requested, I believe, some of
5 this housing.

6 CO-CHAIR SULLIVAN: No, that's true, and
7 that's on a longer, housing for longer term use.

8 Whether or not they initially take occupancy
9 during some initial period, I don't know.

10 Actually, I'm meeting with the city tomorrow
11 concerning housing leasing. So we plan to discuss in
12 more detail, discuss more of the details of who would
13 lease, and when they would lease, and how long they
14 would lease for.

15 So I will be able to bring that information
16 into the FOSL documentation.

17 MR. MC DONALD: My understanding is that the
18 city is under a tremendous amount of pressure to find
19 short-term housing, a year or less, for various groups
20 of homeless people, and that there may be an

1 inclination to use this housing more quickly than one
2 might suspect; and that has been talked about through
3 the Tye Died coalition, but it's also been talked
4 about as one of many alternatives that the city is
5 looking at, especially now that the housing at the
6 Presidio has been not able to be used for that, at
7 least for now.

8 So if there is an effort by the city to
9 house these particular populations of people, and
10 there is some interest to house what is considered to
11 be a fast growing subset of homeless people, which is
12 women with children and also pregnant women, then this
13 might be a useful restriction to pursue in that to
14 have a policy of not housing women, pregnant women in
15 these areas that have higher lead concentrations.

16 And it may not come up, but in terms of all
17 the appropriate lease restrictions that might be
18 looked at, this should certainly be one of them.

19 MS. SHIRLEY: Or, alternatively, to assess
20 possible in utero risks of lead.

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1 MR. MC DONALD: Yes. There is probably a
2 great deal of literature on that.

3 MS. GLASS: Another thing that might be
4 considered is a lease restriction, then, to keep the
5 paint in good condition and no interior alteration,
6 and no alteration to the structure.

7 MS. SRINIVASAN: Right. That's already a
8 part of that.

9 MR. ALLMAN: I think that the issue of
10 worrying about people with children is a very big
11 issue.

12 I'm not certain that pregnant women would be
13 an issue, because I think, as I understand it, and
14 maybe Mary Rose can tell us better, is the usual
15 ingestion pathway for lead in soil is eating the soil.
16 And that's why kids playing around in the dirt get
17 stuff on their hands and then get it into their
18 mouths.

19 Whereas, pregnant women, if she doesn't have
20 other kids running around that she's worried about can

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1 probably avoid that risk the same way you avoid
2 drinking alcohol. They can be told, "Don't play in
3 those areas." So I wonder if that's as big of an
4 issue.

5 If it is really less than a year's housing,
6 then if you have a pregnant woman who is going to
7 avoid interacting with the soil, by the time their
8 baby is born, within a year, the baby won't even be
9 old enough to be playing in the soil. But there may
10 be other pathways.

11 MR. MC DONALD: Well, since it's a windy
12 area, any kind of dust.

13 MR. ALLMAN: There may be dust problems,
14 yes.

15 MS. SHIRLEY: But the other thing is, if you
16 were a female and you did live there, and you had
17 housing until you became pregnant, and suddenly -- I
18 mean you hear stories all the time about people being
19 pregnant and nobody knowing, and then, you know, into
20 the trash bin, whatever.

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1 I mean, if you had to live in fear of
2 becoming pregnant because your housing was going to be
3 eliminated, that's a problem. So, I, myself am not in
4 favor of saying no women can live there.

5 MR. MC DONALD: I agree. There are clearly
6 both political and social policy questions that are
7 wrapped up in some of these restrictions that are very
8 difficult to unpack right now.

9 MR. HEHN: I think this is very obviously a
10 hot issue for, I think, all of us in Site 12.

11 I think that maybe we want to go ahead and
12 finish off with the discussion on this, because we are
13 going to have another shot at this when the FOSL comes
14 out, too, and, also, certainly, at the interim
15 meeting, I think this will be something that we want
16 to cover pretty heavily.

17 Richard, do you want to have a final
18 comment?

19 MR. HANSEN: Yes.

20 My final comment is that the city, at least

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1 a year or two ago, had an excellent group of people
2 within the city housing office. There was a lady who
3 was from Berkeley, I believe, and was a real expert on
4 lead-based paints, and I trust that you've discussed
5 all these issues with her.

6 MS. SRINIVASAN: We are evaluating the
7 lead-based paint studies from the housing at Treasure
8 Island right now. We talked to the EPA about it. We
9 have not talked to the city yet. But I could
10 certainly do that.

11 MR. HANSEN: Well, two years ago, I did
12 speak with this lady. She's magnificent.

13 MR. VAN WYE: Well, until we get the
14 numbers, aren't we just speculating?

15 MS. SRINIVASAN: Until we actually plot all
16 the data and look at it, yes.

17 MR. VAN WYE: So what are we talking about
18 here? Why are we spending so much time speculating?
19 I mean, it's fascinating, but why not get the numbers
20 and then we'll figure out what to do once we get the

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1 numbers?

2 MS. SRINIVASAN: If you agree with that
3 approach that we talked about, that's great.

4 I mean, we talked to the EPA and the Navy.
5 We have been talking about what approach we felt was
6 appropriate to take on this.

7 Tonight, I wanted to present the approach
8 and see if that was something that seemed like it was
9 a good idea, and, I guess, since I haven't heard
10 anything terrible about the approach and it's more a
11 concern about risks from lead, I think the approach --

12 MR. VAN WYE: Well, I think, frankly, until
13 we get the numbers, anything you talk about is
14 speculation, because if the numbers come in and it's
15 so low that a kid could live in there and eat the dirt
16 for 100 years and not have a problem, then why are we
17 wasting our time with this stuff?

18 MS. SRINIVASAN: Right. We will move on.

19 I wanted to talk a little bit about the risk
20 evaluation that we did perform for Site 6. I know

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1 that when the Site 6 area was leased, I think it was
2 the police academy, we went through a whole big
3 process of risk evaluation, and we basically looked at
4 that report, and that report, obviously, there was
5 volatile organics detected in some of the groundwater.

6 There is no soil exposure at this site
7 because the entire parcel is paved. We did look at
8 inhalation of volatiles from this area, and we found
9 that there was no risk.

10 So we feel that the risk, potential risk
11 from Site 6 in leasing this area, which is up here and
12 really it just affects this part of the housing, is
13 not an issue.

14 We also did that similar evaluation for IR
15 Site 20, which is right around here, and, again, we
16 looked at the detected concentrations of volatile
17 organics in soil and groundwater and compared them
18 with the detected concentrations at Site 6. They were
19 significantly below Site 6. So, by correlation, there
20 would be no potential risk from inhalation of

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1 volatiles at IR Site 20 either.

2 Getting on to the storm sewer lines, which
3 we just spent a lot of time talking about that, again,
4 the catch basins and the manholes were cleaned in '96.
5 We did find some runoff type chemicals. TPH was
6 there. We recommended for those target areas where we
7 did find that, to clean those catch basins.

8 Again, we did some soil sampling and we
9 detected urban runoff kind of constituents in those
10 locations, and as we talked about previously, we will
11 do the sampling direct to identify MTBE.

12 At Site 12, primarily it is target corridor
13 3, which is IR Site 20. It's close to IR Site 20. We
14 really don't think that's going to be a big problem
15 during the leasing.

16 And, finally, as we talked about, again,
17 earlier, we did recommend short-term leasing primarily
18 due to potential remediation activities going on
19 there. So it would be basically between now and
20 whenever somebody started to do some major soil

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1 upheaval and that kind of thing.
 2 And that was the rest of the talk.
 3 CO-CHAIR SULLIVAN: Okay. So this document
 4 will be released in early August.
 5 I don't think we have a specific target date
 6 yet because it's a work in progress. So there will be
 7 opportunities to talk about it by the August meeting,
 8 as well as the next, by the next regular meeting,
 9 those who are interested should have a copy in hand.
 10 MR. HEHN: I just got a recommendation from
 11 Chris. Maybe we want to look at the remaining issues
 12 that we have on our agenda this evening as to which of
 13 those we might want to be sure to cover for people.
 14 So does anybody have any thoughts on what
 15 they would like to most like to cover this evening,
 16 since we are running behind? It's a quarter to 9:00
 17 now.
 18 MS. GLASS: I would like to hear about the
 19 funding.
 20 MS. SHIRLEY: Me, too.

1 MR. ALLMAN: Yes.
 2 MR. HEHN: Do the funding next?
 3 CO-CHAIR SULLIVAN: Yes.
 4 MR. HEHN: The fuel pipeline was kind of a
 5 time allowing anyway. And I don't know what the
 6 interest is in the UST issues.
 7 MR. ALLMAN: A lot of that is related to
 8 funding, isn't it?
 9 CO-CHAIR SULLIVAN: I'm trying to stimulate
 10 interest in the USTs. I have handouts for that, so I
 11 can just provide the handouts.
 12 MR. HEHN: And we do have comments due on
 13 that.
 14 MR. MC DONALD: Do we want to give a brief
 15 update on the membership drive?
 16 MR. HEHN: I think we still want to get some
 17 of the updates if we can.
 18 So maybe we might want to do the funding
 19 issues and have a handout on UST, and then move into
 20 the updates and then we will wrap.

1 Take a break?
 2 CO-CHAIR SULLIVAN: Maybe limit it to ten
 3 minutes.
 4 (Short break taken.)
 5 CO-CHAIR SULLIVAN: In the September
 6 meeting, to have an initial demonstration of the data
 7 that we're loading in right now on some of our UST
 8 sites.
 9 MR. VAN WYE: Jim, do you know when these
 10 photos were taken?
 11 CO-CHAIR SULLIVAN: They were taken at the
 12 end of April, just about two months ago.
 13 MR. ALLMAN: Are we going to have access to
 14 the GIS maps?
 15 CO-CHAIR SULLIVAN: Yes.
 16 No, actually, John's question was, will
 17 people have access to the geographic information?
 18 The answer is yes. We have two
 19 workstations. The intent was to have one workstation
 20 along with the library as part of the library

1 resources.
 2 How fast we are able to get information on
 3 that is still to be determined, since this is kind of
 4 a work in progress, but our intent is to initially
 5 have some of the UST sites up.
 6 And then John mentioned the Worldwide WEB,
 7 and it is possible now to put some of this geographic
 8 mapping on WEB sites. It is something that could
 9 conceivably be done.
 10 We don't have, the Naval station doesn't
 11 have a WEB site, and I'm not sure if we will get one,
 12 although I do have WEB access myself.
 13 So if there was enough interest in obtaining
 14 data over the Internet, we might be able to try it out
 15 on at least a trial basis with some small amount of
 16 data.
 17 MR. ALLMAN: Isn't there a BRAC site
 18 somewhere? The Presidio had a very simplified version
 19 of GIS system.
 20 CO-CHAIR SULLIVAN: I have never seen it,

1 but I think the Presidio may have had a WEB site,
2 although I haven't seen it:

3 Okay. Just to pick up the pace here, I just
4 left you with handouts of the UST report, and I will
5 just speak for a couple of minutes and then move on.

6 We had two documents that were out and have
7 been out for a while. One is a work plan for Site,
8 UST 270 at Yerba Buena Island.

9 And then the other document is, it's
10 actually a two-volume document. It's an investigation
11 report on several other UST sites, some of them around
12 Building 1, generally in the southwest corner of the
13 island.

14 So these handouts present kind of a
15 synopsis, a real brief synopsis of these documents.
16 We are looking to close out the comments on them at
17 the end of this month on the 25th, preferably,
18 although if anyone really has an interest in
19 commenting on them, we can probably still take
20 comments at the 5 August interim meeting.

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1 But the intent is to finalize this UST work
2 plan, and finalize the investigation report on the
3 other sites. Although we don't have the funding yet
4 to do the investigation or the remediation on these
5 sites, but we do want to finalize these plans since
6 they have been out in draft form since March of this
7 year.

8 So I have pretty much let the handouts stand
9 by themselves. One is a one-page handout on UST Site
10 270, where there is definitely a plume that's on Yerba
11 Buena Island on the border between the Navy and the
12 Coast Guard base.

13 Basically, the work plan is going to go and
14 collect additional soil and groundwater data.

15 And then the other handout, which is double
16 sided, covers five building sites: Building 1;
17 Building 180, which is right next door to Building 1
18 and has some of the movie studios; Building 201 in the
19 middle of the island, which is the Navy exchange
20 store; and then Building 227 on the west side of the

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1 island, which is the Fog Watch Club, and will probably
2 be utilized by the city as a restaurant; and then
3 Building 368, which used to be the Navy galley and is
4 now being used by the Department of Labor cooking
5 school. Some of these sites are being loaded into our
6 GIS right now as a demonstration program.

7 Yes?

8 MR. ALLMAN: This sort of ties in with the
9 funding. If funding is not available now, but maybe
10 sometime before it's available, will you have to
11 reevaluate where the plumes are and where they are
12 headed, because you will have a lot of time that would
13 have passed since you did the investigation of the
14 sites?

15 CO-CHAIR SULLIVAN: That's a good point. If
16 a significant amount of time, or period of time
17 elapsed, that might cause us to look at things
18 differently. That's a good point. We hope it won't
19 be that long a period of time. And some of these
20 sites are no further action or just for monitoring.

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1 And next, funding update. I'm just going to
2 talk through this. I don't have a handout for
3 tonight. I thought I was going to but wasn't able to
4 pull the information together.

5 Basically, FY 97, where we basically spent
6 all of the funding that we have been given, and we are
7 hoping to get additional funding from what we see as a
8 couple of priority projects, one of which is the
9 additional sampling at Site 12 at the north end of the
10 island, and the other priority projects would be for
11 asbestos and lead-based paint abatement -- asbestos
12 abatement at various buildings that might be leased,
13 and then lead-based paint abatement where necessary in
14 housing units. This would be predominantly the older
15 units on Yerba Buena Island.

16 But right now, today, we don't have
17 additional funding unless Ernie has heard something in
18 the last couple of hours.

19 MR. GALANG: As far as funding for
20 additional investigation of Site 12, we received a

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1 letter from Mayor Brown and I have a copy. They want
2 us to get some financing for the additional
3 investigation of Site 12.
4 Unfortunately, I have one contract that we
5 are underwriting money, and I had to obligate that.
6 So we can proceed with Site 12, even up to the end of
7 December, so we can proceed with all the contract
8 labor negotiations, and also the field investigation
9 up through December, and, hopefully, we will get the
10 rest of the funding in January.
11 So it can sort of be incrementally funded.
12 CO-CHAIR SULLIVAN: So we may be able to
13 incrementally fund the field work while we are waiting
14 for money to actually write the report.
15 MR. GALANG: Yes.
16 And part of the money also includes the
17 program management for Site 12, so those two projects
18 are the ones that I have to work out and award before
19 the end of December.
20 MR. HEHN: Is it possible to get a copy of

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1 that letter from the mayor?
2 Was that addressed to the Navy?
3 CO-CHAIR SULLIVAN: Yes.
4 MR. GALANG: Yes, the commanding officer.
5 CO-CHAIR SULLIVAN: Yes. Commanding Officer
6 of Engineering, Field Activity West.
7 We can check, but I think it probably would
8 be publicly available. It's just basically a one-page
9 letter that requests funding to support leasing in
10 Site 12.
11 MS. SHIRLEY: Jim, I also understood that
12 the RI report was not funded, the final report?
13 CO-CHAIR SULLIVAN: That's correct. We were
14 funded up to the draft final, which would be issued
15 in?
16 MR. GALANG: The end of July or first part
17 of August.
18 But the final RI contract negotiation has
19 been done. We are just waiting for the money. It
20 will be a priority also for FY 98.

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1 CO-CHAIR SULLIVAN: So we will issue the
2 draft final remedial investigation report, but we
3 won't have the funding right now to go from the dr
4 final to the final.
5 MR. GALANG: Probably behind only a few
6 months, as far as the final RI. We will have 60 days
7 for comments and then have 60 days for final. So it
8 will be perfect timing as far as the final RI.
9 MR. ALCEDO: What you say, in terms of
10 buildings that are rentable, in terms of lead and
11 asbestos assessment, does that mean that those that
12 are not rentable, we are not going to do lead or
13 asbestos assessment or remediation?
14 CO-CHAIR SULLIVAN: Well, we are following
15 the HUD guidelines. The HUD guidelines require that
16 housing constructed prior to 1960, that abatement
17 actions be taken by somebody, whether that's by the
18 Navy or it could even be the potential lessee, but
19 somebody has to take responsibility for it.
20 For housing constructed after 1960, there is

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1 a requirement to -- well, from housing constructed
2 between 1960 and 1978, there is a requirement to
3 inspect, but then to just inform the occupant because
4 from 1960 afterwards, the quantity of lead in paint
5 was somewhat less and so the hazard is somewhat less.
6 And then for post-1978, when lead was not
7 used, then there is no requirement to test at all.
8 So we are, of the 1,003 units of housing
9 that we have on both islands, there is 43 units, so
10 just a fraction of the 1,000 that were constructed
11 prior to 1960. And so those are the units that either
12 the Navy or potential lessee or user might have to do
13 some remediation.
14 So the vast majority of housing could be
15 leased out with just a notification that lead paint
16 might be present.
17 MR. ALCEDO: And/or asbestos.
18 CO-CHAIR SULLIVAN: Well, asbestos is
19 different, it's totally different than lead-based
20 paint.

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1 Asbestos, if it's damaged, you repair it.
2 Period. So if it's present and not damaged, you
3 disclose it. But if it's damaged, meaning that it's a
4 potential release of fibers, then it's repaired; or if
5 it can't be economically repaired, then it's removed.
6 The amount of asbestos, potentially damaged asbestos
7 as in housing is fairly small. Most of the asbestos
8 we see is steam piping in our larger buildings.

9 MS. SHIRLEY: I have another question.
10 I also understood at the BCT meeting, the
11 fuel line project was affected by the funding
12 shortfall.

13 CO-CHAIR SULLIVAN: Yes. We awarded the
14 fuel line removal. It's under construction now.
15 We made basically the basic award package,
16 but there was also some contingency funding that we
17 had budgeted if we encountered changed conditions in
18 the field.

19 And inevitably on a job like this, there is
20 changed conditions, so we didn't get that contingency

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1 funding.
2 So as a result, we are cutting back on the
3 amount of pipeline work that we are doing this year in
4 order to -- because we don't have the extra money for
5 contingencies. So that means that some of that
6 pipeline work will shift into next fiscal year, FY 98,
7 although it will be very high on the priority list to
8 continue and complete that work.

9 We will have funding in next fiscal year,
10 and the fuel line work will be a very high priority so
11 that it will almost certainly be funded. But we
12 didn't get enough to complete the whole fuel line job
13 this year.

14 So that's kind of just a verbal overview. I
15 will compile some additional information and put
16 together more of a handout for either the interim
17 meeting or the next meeting, but, basically, we are
18 essentially closing out this fiscal year. We may be
19 able to get the samplings underway in Site 12,
20 although it will be dependent on additional funding

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1 later on to complete the report.
2 And then the remaining work that we were
3 going to do this year for underground storage tanks
4 and other lead-based paint and asbestos may have to be
5 diverted to next fiscal year. At this point, we don't
6 know. We feel that we are going to get an adequate
7 amount of money for next year. We just don't know how
8 much.

9 MR. ALLMAN: Was this money that was
10 budgeted to TI and then taken back or was this just
11 things costing more than originally planned?

12 CO-CHAIR SULLIVAN: Well, basically the
13 money budgeted that was budgeted, it didn't become
14 available.

15 When the government budgets money, it's
16 budgeted at the Washington level. Those funds usually
17 aren't released all the way down to the local level.
18 It's done incrementally. So as we go through the
19 year, we may only get 25 percent or 50 percent, and
20 then they may reevaluate the budget and we find we

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1 won't get the full 100 percent. We will get something
2 less than that, and that's what happened this year.

3 MR. ALLMAN: So how does that affect as far
4 as next year? I guess I'm used to being in the
5 university system where, getting federal money, DOE
6 labs, if you don't spend your budget or it gets
7 reduced, next year they take that chunk off of it.

8 So does this have any effect on, is your
9 budget going to be automatically reduced next year
10 because you didn't spend as much this year, or will
11 they add it on to what you asked for next year?

12 CO-CHAIR SULLIVAN: I don't think so. I
13 don't think that would have an effect.

14 If we had been given funding and we didn't
15 use all of it, then that might be a reason why we
16 didn't get as much in a subsequent year.

17 But in this case, we used everything we had,
18 so there is no reason to think that we would be
19 penalized for that.

20 Now, the information on FY, the next fiscal

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1 year, is pretty sketchy at this point. I think we
2 will have more information in the next couple of
3 weeks, and we will put together more of a handout to
4 show where we intend to go. But we want to push
5 forward with all of our investigation programs.

6 Kind of a long range goal or broad goal was
7 to kind of finish our investigations in fiscal year
8 '98 and start to move from investigation to
9 remediation.

10 So the thrust over the next year would be to
11 get all of our investigations out of the way so we can
12 move ahead into cleanup.

13 Next, fuel line, pipeline oversight and
14 sampling. We do have a work plan for that. If anyone
15 would like a copy of the work plan, we can make some
16 copies available.

17 It's actually a fairly slim volume, so slim,
18 I can't find it -- this is it. This is the fuel line
19 pipeline oversight work plan. I will leave it with
20 Hugo. If anybody would like a copy, we can send it

1 out to you.

2 But this arose from Paul's question from
3 last month as to what process we were going through to
4 evaluate the soil that we were excavating in the fuel
5 pipeline, and what was our decision making process as
6 to whether or not to put that soil back or to haul it
7 out or to remediate it.

8 And then all of the data we collect from the
9 fuel pipeline will then go into a potential remedial
10 investigation for the areas around the pipeline.

11 So it essentially will be very similar to an
12 underground storage tank removal program where you
13 remove the tank, take samples, and based on those
14 samples, you determine whether or not you need to do
15 further investigation and/or cleanup.

16 And then, next, I can just move into program
17 updates. We did have, as I erroneously listed, the
18 2nd of June. It really was the 1st of July, BRAC
19 Cleanup Team meeting. Paul and Christine you were
20 there, too, both Paul and Chris were there. We spent

1 a considerable amount of time discussing the FOSLs,
2 and then update on leasing and transfer issues, mostly
3 talking about Site 12. We discussed the funding, with
4 projects we had funded, and the Site 12 work plan,
5 which was still a work in progress. And then we had
6 an update on our schedule for IR sites, which is in
7 your BRAC Cleanup Plan. And I think maybe it was
8 Chris that made a comment, or somebody had made a
9 comment about providing an updated version of the
10 FFSRA schedule to the RAB members.

11 MS. SHIRLEY: That's true. It's kind of
12 old.

13 CO-CHAIR SULLIVAN: Because right now, the
14 schedule you have in the BRAC Cleanup Plan is only
15 updated on a year basis, whereas we kind of evaluate
16 it on a continual basis.

17 And then we discussed preparations for this
18 meeting.

19 Our next BRAC Cleanup Team meeting is on the
20 12th of August. That's noted on the back page of

1 tonight's agenda. That meeting will be at Engineering
2 Field Activity West in San Bruno.

3 We are trying to meet on the 1st -- and the
4 community members of the RAB are invited to send
5 representatives. Christine has been to many of the
6 meetings and Paul has started to attend meetings also.

7 We have been trying to stick to a regular
8 schedule of the first Tuesday of the month, but we
9 haven't always been able to hold to that. So I will
10 have to keep noting when the BRAC Cleanup Team
11 meetings are because they may change from month to
12 month.

13 Next, on reuse issues, Martha couldn't be
14 with us here tonight. Other than the potential for
15 leasing in housing, there isn't -- well, maybe Harlan
16 can express this better than I can -- there are a few
17 things going on, one of which is the marina, maybe
18 just for one short minute?

19 MR. VAN WYE: Very briefly, the city
20 recreation parks department will be taking over

1 operation of the marina on 1 August. We will remain
2 open.
3 We received information today that the city
4 has decided that they will continue to allow Treasure
5 Island Yacht Club to use the facility over in Building
6 183, so we anticipate being in a licensee position for
7 a few weeks after August 1, and then moving into a
8 lease once the Navy gets into a position where they
9 actually lease that area, I believe it's parcel T002
10 of Area 1, to the City and County of San Francisco.
11 So we are very encouraged and we are very
12 pleased, and, hopefully, cross fingers, maybe we can
13 have a facility here on Treasure Island where we can
14 meet.
15 CO-CHAIR SULLIVAN: So the marina is one.
16 Also, we are getting close to a lease
17 agreement with either the city itself or the airport
18 authority concerning the museum in Building 1, and
19 that would involve the footprint of the existing
20 museum, and possibly some expansion of the collection

1 space into the wings of the first floor of Building 1.
2 So that would also be a leasing action
3 between the Navy and the city.
4 That wouldn't be a lease of the entire
5 Building 1. That might occur at some later time.
6 And then the city has sent out some requests
7 for proposal, I think, on the Casa de la Vista and the
8 Fog Watch.
9 MR. VAN WYE: There is a request for
10 proposal that they are anticipating for the whole
11 marina development. It was originally anticipated to
12 come out in mid-June, but it's been delayed.
13 Hopefully, it will be out sometime late this
14 summer or this fall, envisioning an entire development
15 of the marina area.
16 MR. HANSEN: What's the duration of your
17 lease?
18 MR. VAN WYE: Well, we don't have a lease
19 yet.
20 MR. HANSEN: One year, two years, five

1 years?
2 MR. VAN WYE: We are in negotiation.
3 Conceptually -- well, I think it's fair to
4 say we don't have a specific term yet. We're going to
5 be sitting down and talking with them.
6 I think it will, ultimately, it's going to
7 be contingent upon the request for proposal. And we,
8 of course, will be participating in the request for
9 proposal process along with, we anticipate, one of the
10 major developers.
11 Ultimately, back in 1989, the Navy
12 envisioned a plan where they would have a 400 to 600
13 and possibly an 800 slip marina out here, and so the
14 plans have all been drawn up. For anybody who knows
15 how to sail a boat, it's an ideal location. There is
16 no better location, I think, almost in the whole
17 world, to have a sailboat right in the middle of San
18 Francisco Bay, so it should be a very attractive
19 marina.
20 CO-CHAIR SULLIVAN: So we will have the

1 marina.
2 There may be some restaurants or other type
3 facilities and the Fog Watch and Casa. I think they
4 will be leasing this facility at some point in time,
5 and then the housing, and then it will probably grow
6 from there.
7 And the zoned FOSL provides a way, the large
8 parcel FOSLs provide a way for us to FOSL these areas
9 ahead of time so that we are not rushing to do a FOSL
10 for each individual building when the lessee becomes
11 available.
12 Next, I don't have anything new on action
13 items. I think we had kind of the same action items
14 going around. The information repository group, I
15 think, we are kind of regrouping on that.
16 MR. ALLMAN: Always regrouping on that.
17 CO-CHAIR SULLIVAN: And then we still owe
18 the RAB a list of the compliance documents that we
19 haven't finished yet.
20 The GIS is ongoing.

1 And then we are still working the
2 advertisement for new members.
3 Hunter's Point has expressed an interest in
4 combining advertisements with us, and so we are
5 looking at the options. With the closure of the Naval
6 station, it's made it a little bit more of a challenge
7 for us to do the contractual part of advertising in
8 newspapers, but we are looking at alternatives to
9 that, including things like a free press release or
10 placing advertisements at no cost.

11 MS. SHIRLEY: Well, maybe you could do that
12 part and Hunter's Point can pay for it, since you
13 share the responsibility.

14 CO-CHAIR SULLIVAN: Actually, I think we
15 will be able to do some advertising. It's just when
16 we get into the Chronicle and the Examiner level, it's
17 in the multi thousands of dollars. So we could
18 probably move more quickly on things like an
19 advertisement in the San Francisco Weekly and the Bay
20 Guardian, which is much less cheaper.

1 MR. HANSEN: Jim, I'm reading your minutes
2 from the 17th of June where the lady from Hamilton Air
3 Force Base pointed out that she had minimal success
4 with advertisements, and she did better with news
5 releases.

6 CO-CHAIR SULLIVAN: Yes. Actually, the
7 opposite occurred with us here. I think most of you
8 probably responded to the newspaper advertisements.

9 I was surprised to hear that, their
10 experience at Hamilton.

11 Most of our interest was generated by the
12 newspaper advertisements that we did place.

13 MR. HEHN: I think that Ryan expressed an
14 interest in possibly doing that as a press release for
15 essentially little or no cost; is that still a
16 potential?

17 CO-CHAIR SULLIVAN: Yes, and Ryan is working
18 with us on that.

19 And that was the point of the person from
20 Hamilton. You can issue a press release, and then the

1 various news media will pick up on that, and then
2 you're not paying to place that advertising.

3 MS. GLASS: I think you may want to place
4 something. They may not pick up on it.

5 CO-CHAIR SULLIVAN: Yes. You can't
6 guarantee the news media will pick up on it.

7 MR. ALLMAN: You can make the focus of the
8 story how broke the program is, and that's why we need
9 people's interest on that. They can focus a story on
10 that and realize we need the freebee.

11 Jim, I have a question dealing with the
12 information repository group.

13 A couple of meetings ago, we had discussed
14 having the transcripts sent out. I think the decision
15 was to have them sent to me. I have only received the
16 first copy that I picked up here. I might have gotten
17 one in the mail.

18 CO-CHAIR SULLIVAN: Actually, we owe getting
19 you one in the regular mailing list for the
20 transcripts.

1 MR. ALLMAN: That was part of that action
2 item.

3 CO-CHAIR SULLIVAN: Darlene and I can work
4 on that.

5 MR. ALLMAN: Okay.

6 CO-CHAIR SULLIVAN: Okay. Then we can flip
7 to the back page on "Other Business."

8 Paul, I don't know how much you want to
9 cover these items.

10 MR. HEHN: Well, I think we covered the
11 membership pretty much already. I think that that's
12 something we want to try to keep moving as quickly as
13 possible, because I think that we can certainly use
14 the infusion of new members soon.

15 There were a couple of things that came up
16 at the last interim RAB meeting that I think we need
17 to at least bring up and discuss, if there is any
18 discussion about them.

19 One of the things that we discussed was
20 whether or not we should put together a list, a punc

1 list of standard items of concern for any of these
2 FOSLs that are coming out so that that could be passed
3 along to the Navy and to the various consultants that
4 are doing the work, so that they would know about the
5 lead and asbestos issues and what kind of invasive
6 activities would be allowed, how they might interact
7 or be impacted by various IR sites for remediation and
8 that kind of thing.

9 So I think we would like to put together a
10 list that discusses those issues and gives them at
11 least some kind of a basic list for our interest in
12 these FOSLs as they come along.

13 So if you have any information or any input
14 that you would like to add to that list, the hot
15 topics, the hot issues, and we discussed some of those
16 tonight, I think we might want to try to put together
17 a list at the next interim meeting to bring back to
18 the RAB meeting next month and present for your review
19 and comments.

20 Another thing that came up in our discussion

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1 giving us a presentation on that as to what is really
2 going to be involved in that Corrective Action Plan,
3 or the Corrective Action Plan is going to be
4 presented -- I think we have it on the list in
5 December?

6 CO-CHAIR SULLIVAN: Yes, for those nine
7 sites.

8 MR. HEHN: Yes, so we know exactly what's
9 going to be included in that, and, unfortunately, we
10 won't have that all grouped under one particular
11 program.

12 So it's something that we need to at least
13 be aware of. I was looking for something quite a bit
14 more out of the CAP program, but I guess that's not
15 going to be forthcoming, so we need to be prepared for
16 that.

17 And the last thing that really we discussed
18 quite extensively, and it has to do with the
19 statements that Jim was talking about earlier about
20 the funding for the remediation and investigation work

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1 was that there seems to be a bit of confusion, there
2 certainly was on my part, and I think there were some
3 others that were at the interim meeting as to what the
4 Corrective Action Plan really meant. We were looking
5 forward to a presentation soon on the Corrective
6 Action Plan.

7 It was my understanding that the Corrective
8 Action Plan was going to cover all of the UST-type
9 issues. I find out that I was mistaken in that.
10 Apparently, only the UST programs that were
11 transferred out of the IR sites will be part of the
12 Corrective Action Plan.

13 All the other UST issues, the pipeline
14 issues, those are outside, will be outside of that
15 program and will all be continued on their own, sort
16 of separate paths.

17 So I was kind of hoping that the Corrective
18 Action Plan would sort of give us an umbrella to kind
19 of keep track of all these issues.

20 So I think that Jim had expressed an idea of

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1 at TI and YBI, we thought that maybe a very valuable
2 part of the RAB business might be to lend our public
3 voice to supporting and trying to get support for the
4 funding that's necessary to do the investigation and
5 the remediation at Treasure Island and YBI. It might
6 be a good place that we can really add our input to
7 the Navy and Congress, if you will, for the funding of
8 this particular effort.

9 I guess that the efforts by Mayor Brown, and
10 I'm not sure who else signed on that particular letter
11 that came from the city, we haven't seen that yet,
12 lend their interest in trying to get the work plan and
13 the investigation for Site 12 done, because they
14 wanted to take that reuse issue as soon as possible,
15 and that's going to be an ongoing concern for the city
16 in order to try to get this all taken care of.

17 And so we looked at possibly putting
18 together a sort of letter-writing campaign, if you
19 will, and we thought about even doing almost a
20 standard form type letter that would then have some

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1 standard language that would express our interest in
2 trying to get the funding that we need to get this
3 done and then have a place where, if you so desire,
4 you could sign your name and address or whatever as a
5 concerned RAB member, a concerned community member, in
6 order to try to express our interest.

7 We looked at trying to do that as a joint
8 letter, but I think that probably it would have more
9 value in a larger number of individual letters than in
10 one joint letter from the RAB in total. I think they
11 sort of look at the volume a lot of the times, I
12 think, rather than just one letter that may have all
13 of the RAB signed in.

14 MS. GLASS: What I would like to suggest,
15 Paul, that somebody, and I don't want to be the one
16 who does it, develop just a list of some points that
17 should be included. Sometimes that's an awareness
18 thing, et cetera, et, cetera.

19 MR. HEHN: Right. That's something we
20 wanted to work with the city on because we wanted to

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1 see this letter that went out as to who they felt were
2 important players for getting that type of funding and
3 working with Martha Walters, and maybe Bill Lee, as to
4 say, well, you know, who should we send these letters
5 to? Who's going to have the most value of trying to
6 get the funding necessary next year or future years?

7 MS. GLASS: We might actually just do some
8 kind of a shotgun approach rather than trying to
9 figure out, you know, the Byzantine whys and
10 wherefores as to who's most important. We can't be
11 worrying about ten people.

12 MR. HEHN: Right. And I guess we need to
13 get some input, I think, as to what's going to be the
14 most valuable for our time.

15 We had also discussed the possibility of
16 trying to get more local authorities involved in the
17 process of remediation and funding for the work out
18 here. Apparently, supervisor Yacki (phonetic) has
19 been pretty interested in these types of issues, and
20 so we had discussed possibly meeting with him and

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1 talking with him, maybe through Bill Lee and/or with
2 Bill Lee and Martha Walters to see if they would weigh
3 in to add their voice to funding, making sure that we
4 have the funding available, and possibly getting him
5 or others to attend our meetings in order to get more
6 public weight to what we are trying to do so that we
7 don't have the problem of getting towards the middle
8 of the year, and, all of a sudden, the funding is gone
9 and we have programs that need to go get done and the
10 city needs to transfer properties but they are not
11 ready, or they start talking about dirty transfers or
12 other sort of issues that are probably not in the best
13 interests of the City and County of San Francisco.

14 So do you have any comments on any of those
15 points? Do you think it's a good idea? What do you
16 think?

17 MR. MC DONALD: I think it's a very good
18 idea. 15 or 20 letters to Pelosi's office or
19 Feinstein's office, whatever, will get noticed.

20 MR. HEHN: I think it would add a lot of

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1 value to what we are trying to do.

2 We are spending a lot of time and effort to
3 try to get this taken care of, and maybe we can do
4 that to get the funding to get it done, and we can see
5 more forward progress that would be very valuable, at
6 least in my view.

7 MR. ALLMAN: Kind of on a related thing, you
8 and Pat drafted a letter which went to regulators
9 concerning the Water Board and DTSC with all the
10 funding cuts that they were getting for splitting
11 people up, was there a result on that? I didn't see
12 anything in the last minutes. What's the status on
13 that?

14 MS. KATHURIA: Well, the split happened
15 statewide.

16 However, for our region, this Water Board
17 and DTSC specifically talked about what to do on a
18 case-by-case basis, and so we decided to leave
19 everything status quo.

20 Some sites will be cut, for instance, Point

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1 Melotti and Alameda Naval Air Station.
2 There are only three sites that underwent
3 the cut, but we opted not to do that at this time.
4 MR. ALLMAN: Was that basically your choice
5 between you and your office? I was just wondering how
6 much affect our letter had in that particular case?
7 MS. CASSA: It's hard to save how much
8 affect your letter had.
9 MR. HEHN: It certainly can't hurt either.
10 It gives them an idea that there is a public
11 interest, and there is public support for a particular
12 move to try to get this done.
13 MR. ALLMAN: I definitely think, yes, I like
14 the idea of multiple letters, too, as opposed to
15 having a group letter.
16 MR. HEHN: I don't know whether a form
17 letter is a good thing or not. I'm not sure that they
18 really so much look at the content or if the letters
19 are all the same versus just the numbers that they get
20 that say the same thing.

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1 MS. SHIRLEY: Well, I like the list of
2 points the Navy suggested. They suggested letters as
3 well. It's all pretty much the same effort.
4 MR. HEHN: I was thinking just keeping it as
5 simple as possible for our own time, as to have
6 something that essentially was a standard letter and
7 just sign at the bottom something that says: Well,
8 yes, I agree.
9 MS. SHIRLEY: I don't think it has to be
10 very long.
11 MR. HEHN: No. A one page only.
12 MR. ALLMAN: There is also, too, you could
13 put together like a list, a list of things that are
14 important as sort of a stock letter, and then you just
15 read the cover letter that says: Please see attached
16 reasons for this, and then all you do is paragraph and
17 say: We would like your support for continued
18 funding.
19 And then the same way that we had one of
20 these handouts today that had attachments, and then

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1 you don't have to put all the details down because
2 it's going to be obvious that we are all using the
3 same list even if we have one go around.
4 So, basically, you have the letter saying:
5 I took the time to write the letter, but I don't want
6 to list everything because it's all the same
7 information.
8 MR. HEHN: Okay.
9 MS. SHIRLEY: Okay. But the question boils
10 down to, who is going to do this?
11 MR. HEHN: I think that's something that we
12 will have to resolve at the interim. We will take a
13 look at that.
14 MR. ALLMAN: Maybe we could do it at the
15 interim. That might be the best way to do that.
16 MR. HEHN: And get it ready by the following
17 RAB meeting.
18 MS. SHIRLEY: Right.
19 CO-CHAIR SULLIVAN: Okay. The document
20 review schedule was attached to the meeting agendas

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1 when they were mailed out.
2 If it doesn't have a document or comments
3 due date, it means it's an informational document like
4 the interim groundwater monitoring plan.
5 We have a full agenda for next month. I'm
6 not sure -- we will work on it at the interim meeting.
7 I'm not sure how much we can do to change that.
8 We have the Site 12 investigation work plan
9 draft coming up. We have the draft final RI report.
10 We will have the comments, the FOSL, Zone 4 FOSL will
11 be out, and we will be taking comments on that.
12 Those will be our three big items, and maybe we will
13 try to minimize everything else, but we will have to
14 devote some time to those three items.
15 And then the following month, September, we
16 will have a presentation on the draft Corrective
17 Action Plan and probably some carryover from some of
18 the other major items in August.
19 So it looks like we will have a busy August
20 and September.

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1 But we do work on the agendas for the
2 meeting at the interim meeting, so if you're
3 interested in the agenda process, you're welcome to
4 attend the interim meetings.

5 The next interim meeting for the community
6 members is the first Tuesday of the month, the 5th of
7 August, and that will be in Building 1.

8 I think that last month we had it on an
9 alternate day on a Wednesday, but for August, it's
10 back to the first Tuesday of the month.

11 And then our next two regular RAB meetings
12 are on the third Tuesday of the month, the 19th of
13 August and the 16th of September.

14 And then, lastly, our BRAC Cleanup Team
15 meeting is on the 12th of August during the daytime at
16 San Bruno.

17 Any other quick questions or comments before
18 we close.

19 (No response.)

20 MR. HANSEN: I move we adjourn.

1 MR. ALCEDO: I will second that.

2 CO-CHAIR SULLIVAN: Thank you.

3 (The meeting adjourned at 9:50 p.m.)

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