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NAVAL STATION TREASURE ISLAND
ENVIRONMENTAL RESTORATION ADVISORY BOARD MEETING

TUESDAY, 18 JULY 2000

7:00 P.M.

CASA DE LA VISTA

TREASURE ISLAND

MEETING NO. 69

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TRANSCRIPT OF PROCEEDINGS

CERTIFIED COPY

REPORTED BY: STEPHEN BALBONI, CSR NO. 7139

MARY HILLABRAND, INC. (415) 255-1994

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A T T E N D E E S

U.S. NAVY:

JAMES B. SULLIVAN (BEC and Navy Co-Chair)

REGULATORY AGENCY:

DAVID RIST (DTSC)

PATRICIA RYAN (DTSC)

SARAH RAKER (RWQCB)

COMMUNITY MEMBERS:

NATHAN BRENNAN (Alternate Community Co-Chair)

RICHARD HANSEN

THEODORE S. CONNELLY

LEW SCHALIT

DALE SMITH

TETRA TECH EM, INC.:

GINA BARTLETT

GUTIERREZ-PALMENBERG, INC. (GPI)

MICHAEL STONE

SONNY SONIA

GUESTS:

STAN CLARK (IT Corporation)

1 CO-CHAIR SULLIVAN: Okay. I think we will go
2 ahead and get going.

3 It looks like we are going to have a small
4 turnout tonight.

5 MS. BARTLETT: We're competing with the
6 weather.

7 CO-CHAIR SULLIVAN: Well, this is pretty
8 typical for the RAB meetings during the summer months.

9 MR. SCHALIT: Pat Nelson sends regards to
10 everybody.

11 CO-CHAIR SULLIVAN: Oh. Thank you.

12 MR. SCHALIT: She's in San Rafael. If anybody
13 wants to, they can get the phone number from me.

14 CO-CHAIR SULLIVAN: Yes. I would appreciate
15 that.

16 MR. SCHALIT: I will send it around.

17 CO-CHAIR SULLIVAN: Great.

18 MR. SCHALIT: It would be nice to have
19 everybody else's phone number.

20 MR. HANSEN: It's on the minutes.

1 CO-CHAIR SULLIVAN: Yes. It's an action item.

2 Well, welcome to our July Restoration Advisory
3 Board meeting. As I mentioned, it looks like we have a
4 pretty light turnout tonight, although that's somewhat
5 typical of the summer months. Probably we will see that
6 in August, too, and then things should start to pick up
7 in September. We hope it's the weather and not the
8 meeting.

9 Copies of the agenda, you should have received
10 a copy in the mail. If not, there are additional copies
11 in the back of the room.

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

14 (No response.)

15 CO-CHAIR SULLIVAN: Okay. There being none, we
16 will proceed into public comment.

17 We set aside time at the beginning of each
18 meeting for members of the general public to voice any
19 comments or concerns related to the environmental
20 program at the Naval Station here.

1 We've also kind of used this time if there are
2 any announcements that anybody wants to make up front
3 while everyone is still here.

4 This is also a time just to make any general
5 announcements from the RAB.

6 Yes, sir.

7 MR. HANSEN: I noticed on the news tonight,
8 they expressed concern about the students at San
9 Francisco State -- I don't know, 700, 1,000, or
10 whatever -- about being disappointed because one of the
11 dormitories that's being built isn't finished, and one
12 of the older dormitories had a mildew problem and they
13 were moved out. There was hopes of getting some of the
14 students at Treasure Island.

15 Is there any leeway to enhance the housing out
16 here for the students?

17 CO-CHAIR SULLIVAN: That would be up to the
18 city.

19 We are, in the Navy's program, we are working
20 to make the property leasable and transferable.

1 That's, as you know, that's what we have been
2 doing in housing areas.

3 MR. HANSEN: I notice Martha is not here.

4 CO-CHAIR SULLIVAN: Yes. She was unable to
5 join us tonight.

6 MR. HANSEN: But they are not pressing you.

7 CO-CHAIR SULLIVAN: I have not been aware of
8 that.

9 MR. HANSEN: That issue is in the news today.

10 CO-CHAIR SULLIVAN: Okay. I will check it out.

11 Thank you.

12 MR. CONNELLY: There was a reference in the
13 evening paper to this also, something like 475 units are
14 available.

15 Does that sound right to you?

16 CO-CHAIR SULLIVAN: They specifically mentioned
17 Treasure Island?

18 MR. CONNELLY: Right.

19 MR. HANSEN: By name.

20 MR. CONNELLY: They carried on with his story.

1 MR. HANSEN: If there were an earthquake
2 tonight, could areas suddenly be opened up for the
3 benefit of the homeless on Treasure Island?

4 CO-CHAIR SULLIVAN: Well, right now, I mean,
5 right now, and I can't, you know, I can't speak in
6 detail about the city's program, I'm not as familiar
7 about the status of the leasing program, but there is
8 1,000 units of housing, and there has to be well over
9 600 that are, probably 600 or so that are occupied.
10 Others are in stages of planning or actual renovation
11 for occupancy.

12 And then we are down to probably about, and
13 this is way off the top of my head, probably about 200
14 or so that are under, still under our program for
15 further investigation. I will talk about those areas
16 tonight on Treasure Island.

17 And then we are also finishing up some lead
18 based paint abatement on older buildings on Yerba Buena
19 Island. Although there is only 103 units total on Yerba
20 Buena, about half of those are older buildings where we

1 have been dealing with lead based paint issues.

2 MR. HANSEN: I wouldn't be surprised if the
3 next week or so, someone will be out there banging on
4 your table saying, "What can you turn over to us real
5 quick?"

6 CO-CHAIR SULLIVAN: Well, they would approach
7 the city, and then the city would approach the Navy.

8 MR. HANSEN: Thank you.

9 CO-CHAIR SULLIVAN: Okay. Well, we will move
10 into the BRAC cleanup process.

11 The first item is the former storage yard
12 removal update, and as all of you are aware, we have
13 begun a removal action in the former storage yard area.

14 The actual excavation work began a week ago
15 Monday and will continue through the month of July and
16 into about the first portion of August.

17 We are targeting to complete the excavation and
18 backfill work by the 10th of August.

19 And so we have Stan Clark here from IT
20 Corporation, who is our remedial contractor. I know

1 those of you who have been with the RAB for years are
2 familiar with our investigation contractor, Tetrattech,
3 but we also have a second contractor, IT Corporation,
4 who does the actual remedial work once the investigation
5 is completed and the plans are done.

6 So Stan is here to give us an update on the
7 removal action.

8 MR. CLARK: I will use this (indicating). I am
9 basically subbing in for our project manager, John
10 Bauer, who couldn't be here tonight. He asked me to
11 give you an update on what's been happening more or less
12 over the past month.

13 I guess during your last meeting, I don't know
14 whether it was mentioned, we just started to mobilize
15 onto the site, setting up our office, our field office,
16 installing desks, computer equipment, communications
17 equipment, stuff like that.

18 The week of June 19th, we also started
19 receiving some of the equipment, equipment that was from
20 other projects and we could score them on our site.

1 That's not necessarily turning them on for our
2 contract purposes, but at least we wouldn't have to mold
3 them twice if we let them stage at the Treasure Island
4 facility.

5 We started to get more into the remediation
6 effort the week of June 26th. We let several contracts
7 that week. The first one was to set up temporary
8 fencing around the perimeter of the work area, all the
9 area that we felt was going to encompass our trucking
10 route, into our site and out of our site, our stockpile
11 area.

12 CO-CHAIR SULLIVAN: I've got these
13 (indicating).

14 MR. CLARK: Okay.

15 CO-CHAIR SULLIVAN: Some of you may already
16 have these, but for those of you who may not, this is
17 basically the same thing that Stan has up there
18 (indicating).

19 MR. CLARK: Yes. I need a couple of those,
20 too.

1 We set up a perimeter fence and sheathed it
2 with an environmental screen to basically keep the
3 wind-borne dust as much as another preventative measure
4 of keeping any kind of wind-borne dust in the confines
5 of our work area.

6 We started taking profile samples, waste
7 profile samples in areas throughout the excavation. We
8 anticipate about 8,000 tons of material. The landfills
9 like to see about one profile composite sample for every
10 1,000 tons.

11 So we took eight sets of composite samples and
12 dispersed it throughout the area. We had that tested
13 for waste constituents, not only PCBs and PAHs, but also
14 metals and TPH corrosivity, the ignitability, all the
15 hazardous waste constituents.

16 CO-CHAIR SULLIVAN: And those are a requirement
17 that the landfill has of any waste.

18 MR. CLARK: Correct.

19 CO-CHAIR SULLIVAN: Not that we necessarily
20 expected to see that there, but these are the tests that

1 the landfill requires.

2 MR. CLARK: Waste acceptance.

3 And surprising, we were expecting this area
4 right in here would be a hot area (indicating).

5 We set up our procurement for calling to Class
6 1 and Class 2 landfills. Class 1 being hazardous waste
7 landfills and Class 2 being designated waste landfills.

8 Hazardous landfill was set to receive waste
9 that was greater than 50 parts per million, and that
10 landfill turned out to be Kettleman (phonetic),
11 Kettleman City.

12 A Class 2 landfill was identified in Stockton.

13 We had one area that we had taken composite
14 samples from, this area from Tetrattech sampling. It
15 came up unusually high in PCB concentrations.

16 And strange as -- well, I guess it was just the
17 norm for soil sampling. Our composite sampling came up
18 less than 50 parts.

19 We are still sending this material off to the
20 Class 1 landfill.

1 Another composite of areas up in this area,
2 came up a little bit higher than 50 parts per million.
3 We don't trust that. We are having these results
4 analyzed because none of the exploration data came
5 anywhere close to 50 parts per million criteria.

6 Our feeling is that we must have gotten some
7 sort of fluke sampling in that series of composites, so
8 We are re-analyzing that. The results should be in
9 tomorrow. I will get to how we are managing that area
10 later on.

11 Let's see. The last thing that we did, another
12 thing that we did the week of the 26th was to set up
13 these air samplings, high volume air sampling locations,
14 six of them around the site.

15 These are powered. They draw in a volume of
16 air through what is called a puff filter, a polyurethane
17 foam filter. We collect the dust and send that filter
18 off for analyses of PCBs. It is the sample that tests
19 the air for dust, for PCB laden dust.

20 It's done on a two- or three-day turnaround

1 time. You don't get real time results from that, but
2 you do get PCB numbers.

3 My understanding is that, so far, we have not
4 had any hits on any of the puff samples, the PCBs or
5 dust, so that's good.

6 CO-CHAIR SULLIVAN: There is a question.

7 MR. HANSEN: I understand the role of the
8 continuous filter sample.

9 Will you do wipe samples around the elementary
10 schools, because I see that's downwind?

11 MR. CLARK: That's an issue that's debated
12 between the Navy and DTSC.

13 My understanding is DTSC is -- or maybe David
14 might want to speak to that -- DTSC, I believe, is going
15 to be doing wipe sampling.

16 MR. RIST: Yes. Go ahead.

17 CO-CHAIR SULLIVAN: I think the question really
18 becomes, will dust migrate off the site?

19 MR. HANSEN: Well, I'm just looking at the
20 prevailing wind flow.

1 CO-CHAIR SULLIVAN: You're exactly right.

2 But the question to be answered is, can dust
3 migrate, or will dust migrate off the site?

4 And so what we have done is actually a
5 combination of efforts, starting with the way that the
6 soil is excavated.

7 All the soil is wetted down. This isn't dry
8 soil that's being moved around. So that's number one.
9 The work techniques.

10 It's the same, similar to what you might have
11 on a construction project, general construction project
12 only a lot more rigid. So dust control is number one.

13 And then number two, we have sampler, we have
14 air monitoring going on at the actual point of
15 excavation. The workers are wearing air monitors. They
16 are wearing simulated air monitors.

17 MR. CLARK: The monitors are a little bit
18 bigger than workers could wear them. We are actually
19 staging them on the excavators themselves.

20 CO-CHAIR SULLIVAN: So the air monitors are

1 mounted at the equipment, the actual point of
2 excavation. So that's number two.

3 And then number three, you have, as Stan
4 pointed out, these high volume air monitors all around
5 the site.

6 Plus, in addition to that, we have the fencing,
7 it has the plastic film on it, environmental film. And
8 we have been collecting data from the beginning of the
9 project. We are not seeing any dust leaving the work
10 site.

11 If we did, our protocol -- well, the first
12 place we would see it would be at the point of
13 excavation. Our work process is to stop as soon as we
14 have an exceedance, and then determine why we have the
15 exceedance. Is it the wind? Is it maybe not putting on
16 enough water? Is it some other work practice?

17 We wouldn't continue to work until we had
18 determined what the problem was and solved it.

19 So we have a series of measures to be able to
20 control and measure the dust that might leave the site.

1 And so far we are detecting no dust leaving the site.

2 So all that leads to is that the Navy's
3 position is that we didn't feel that dust sampling was
4 necessary outside the project area, because we are
5 controlling the dust and we are providing the measuring
6 means in order to determine if dust is leaving the site.

7 But what we have done, and Stan probably knows
8 a little bit more about this than I do, we have taken
9 some preventative measures outside of this area on the
10 school side and on other areas. We have gone ahead and
11 tarped the areas of the school. And then I think we are
12 going to be sweeping down the schoolyard.

13 MR. CLARK: Yes. The pavement out there.

14 MR. HANSEN: You're going to give it a good
15 wash down?

16 MR. CLARK: Yes.

17 MR. HANSEN: With the fire hose?

18 MR. CLARK: With a wet street sweeper.

19 MR. SCHALIT: Stan, you said that one of the
20 components showed above 50 parts per million.

1 You didn't quite clearly state for me what you
2 are planning on doing.

3 Are you testing that component?

4 MR. CLARK: Yes.

5 MR. SCHALIT: Does that suggest to you,
6 perhaps, that the statistical sampling done before that
7 might, indeed, have missed some significant coefficient?
8 In other words, did you find it again over 50?

9 MR. CLARK: I think if we find it again over 50
10 ppm, we would be hard-pressed to send that material to a
11 Class 2 landfill.

12 I can't make any comment about the statistical
13 sampling program.

14 My understanding of the statistical sampling
15 program is, although it's rigorous, you are still
16 dealing with soil, which has a very heterogeneous
17 nature.

18 MR. SCHALIT: Right.

19 CO-CHAIR SULLIVAN: Lew, are you talking, in
20 terms of statistical sampling, are you talking about the

1 sampling program that we had prior to the excavation or
2 the confirmation sampling?

3 MR. SCHALIT: Prior.

4 CO-CHAIR SULLIVAN: Okay.

5 MR. CLARK: Oh. I mean, that program, I think
6 it's been demonstrated before, it's probably been stated
7 before, the Tetrattech sampling, where Tetrattech went in
8 and did, I think, 75-foot grid samples, and then
9 collected samples around areas that were hot, and then
10 refined that even further. A third and even fourth time
11 around, other samples that came up hot.

12 It pretty well delineated areas that were above
13 one part per million.

14 Now, whether or not it's above 50 parts per
15 million, or less than 50 parts per million, as I said, I
16 think that, again, is the nature of the soil.

17 I don't expect the retest of this to come out
18 above 50 parts.

19 MR. SCHALIT: In my personal prior experience,
20 going six feet can make a tremendous difference of what

1 you find in the soil sample, and I am sure that's true
2 for you, too.

3 MR. CLARK: Yes.

4 MR. SCHALIT: I'm simply trying to say that
5 that sample, if the composite continues to be above 50
6 parts per million, it may suggest that there are some
7 hot spots that haven't been found. You can't prove
8 there were none.

9 MR. CLARK: All I can say is that the sampling
10 program that Tetrattech did, I believe, was rigorous and
11 appropriate.

12 MR. SCHALIT: That's not the point.

13 It's rigorous and appropriate, but,
14 nevertheless, since it's a statistical program, it can
15 miss spots.

16 MR. CLARK: I don't know if it's missed a spot
17 yet.

18 CO-CHAIR SULLIVAN: Well, Lew, I agree. If the
19 composite samples appear to be at variance with what we
20 were seeing in the field sampling program, then that

1 would present a question.

2 MR. SCHALIT: It's just a question. That's all
3 I'm saying. It presents a question.

4 CO-CHAIR SULLIVAN: Yes.

5 MR. CLARK: Question noted.

6 CO-CHAIR SULLIVAN: Yes, I agree.

7 MR. HANSEN: If this was a former storage yard,
8 and among the things that were stored were transformers
9 with PCBs?

10 CO-CHAIR SULLIVAN: Well, that's our
11 conjecture, and, of course, we don't really know. We
12 have no records of what was stored in the storage yard.

13 All we really know is the fact that it was a
14 fenced area as identified in an aerial photograph. But
15 we really can't discern anything more than that.

16 I think we can see in the eastern end of the
17 photograph that there appeared, just from the
18 photograph, that there may be more activity.

19 That seems to be consistent with the fact,
20 because the storage yard actually is a much larger area

1 out here. The fact that the photograph seems to suggest
2 that there may have been more activity in the eastern
3 end is consistent with the fact that this is where we
4 have been seeing the PCBs.

5 But we don't have any like operating records or
6 any historical records to indicate what was stored
7 there.

8 MR. HANSEN: What was the year of the
9 photograph?

10 CO-CHAIR SULLIVAN: We have a series of
11 photographs from the 1940s into the 1960s.

12 So the storage yard was there for a period of
13 years, based on the outline of the fence and the fact
14 there appears to be material in there. But the
15 photograph isn't detailed enough to really show what
16 that material is.

17 MR. HANSEN: For whatever it is worth, one of
18 the former high voltage electricians from Treasure
19 Island is named Vince Sierra -- S-I-E-R-R-A. He now
20 works over at the Presidio Trust. During his tenure, he

1 would have known if there were PCB transformers stored,
2 because he was in that business.

3 CO-CHAIR SULLIVAN: That's a good point.

4 MR. HANSEN: He would know a lot of the
5 old-timers.

6 MR. CLARK: Continuing: Moving onto basically
7 the first of this month, we started off the week with a
8 four-day weekend, obviously, and basically got underway
9 on the 5th of July.

10 We mobilized in a mobile lab to expedite our
11 screening sampling. That has helped out a lot.

12 Also starting on the 5th of July, we started
13 taking out a lot of the backyard fence, salvaging the
14 fence material from the backyard areas within the
15 excavation. The fence materials have been set aside and
16 will be reinstalled towards the end of the project.

17 We removed about 29 trees, unfortunately,
18 throughout the area. Basically, they were going to come
19 out and were going to be excavated anyway.

20 And we commenced five days' worth of background

1 air sampling at each of these high vol air sampling
2 points that was in our health and safety plan to get
3 background sampling.

4 Of curious note, over the weekend in the
5 samples out here (indicating), we did, before the
6 excavation started off, we did get a high hit that's
7 been attributed, I guess, to a barbecue going on in one
8 of the neighborhoods there. It happens to be the
9 highest airborne sampling that we obtained so far.

10 CO-CHAIR BRENNAN: How often do you take the
11 filters out?

12 MR. CLARK: Once a day.

13 CO-CHAIR BRENNAN: It's 24 hours.

14 MR. CLARK: Yes.

15 Beginning the week of the 8th, that's when we
16 started -- basically last week -- that's when we started
17 to get into the excavation hot and heavy.

18 The first day of that work, we had to remove,
19 we had to isolate gas lines that are in the excavation
20 footprint.

1 In order to do that, we installed a bypass gas
2 pipe to keep occupied Buildings 1108 and 1110. That
3 went off without a hitch. We had the residents out
4 without gas for, I think, two hours, and then their gas
5 was back on again.

6 We started excavating on Monday, and probably
7 within about four hours of excavation, we hit a water
8 line that was not on our utility maps. It started
9 flooding this portion of the excavation (indicating),
10 and, basically, we dug back and found a valve to that
11 random water line coming from a water main that we did
12 know about.

13 On Tuesday, we hit two more water lines in this
14 area of the excavation (indicating), one of which we
15 encountered about 6:00 at night. We kept people on site
16 past midnight before the City of San Francisco water
17 gatekeepers could find the correct valves. I think they
18 went around and shut down, I think they said, 22 valves
19 before they found the right combination to shut down
20 water to the various sites.

1 Quite a flood. All the water stayed within our
2 excavation. It basically delayed our excavations by
3 about a day.

4 I think the superintendent got concerned about
5 the slow progress on the first two or three days and was
6 very concerned about making the August deadline. Almost
7 doubled his effort with moving in more excavators and
8 more equipment to the tune where we worked over the
9 weekend, and are continuing to work. We got a fair
10 portion of the excavation dug by now.

11 Over the weekend we continued taking out -- it
12 got kind of shaded in the footprint here (indicating),
13 the area of the excavation we already have taken out. I
14 think you can see two tones of shade here is my intent
15 (indicating). One is the area that's been taken down to
16 two and a half feet.

17 Several of the areas, like this area, the dark
18 shaded areas, it was taken down to four feet.

19 This area was known (indicating).

20 Most of this area was known to go down to four

1 feet (indicating).

2 But we have discovered a couple of other areas
3 here (indicating), a couple of areas up here in between
4 these buildings where our screening samples have
5 indicated that the two and a half foot samples still
6 have more than one part per million. We have been
7 taking it down a little bit deeper.

8 So at the end of Sunday, our excavation pretty
9 much encompassed the areas between Buildings 1104 and
10 1106, the backyard of 1106, and this area around the
11 13th Street cul-de-sac (indicating).

12 We, also, on Sunday, we put up visquene around
13 the front side of the Buildings 1108 and 1110.

14 And on Monday, the 17th, which was the magic
15 day we told residents that we would begin excavating on
16 Haliburton Court, we started ripping out the pavement
17 and sidewalk. And as of today, we got about that much
18 of Haliburton Court done (indicating). It's quite a
19 mechanism going on right now. Four and sometimes five
20 excavators all swinging buckets all over the place,

1 stockpiling material here and stockpiling material
2 there. We have actually got so many excavators out
3 there, we have run out of trucks.

4 CO-CHAIR SULLIVAN: In fact, one just went by
5 now.

6 MR. CLARK: We have a concern about getting the
7 proper number of trucks.

8 We subcontracted two trucking firms because we
9 thought we might run into this problem. When we told
10 the first trucking firm we would go with the contract on
11 the second trucking firm, miraculously about 10 more
12 trucks showed up the next day. That's alleviating our
13 problem a little bit, but we are putting stockpiles on
14 top of -- we have stockpiles built up over here
15 (indicating), and stockpiles over here (indicating), as
16 well as stockpiling which we said we were going to do on
17 Bigelow Court.

18 MR. HANSEN: Basically, you're excavating three
19 to four feet wholesale everywhere?

20 MR. CLARK: Two and a half to four feet

1 everywhere, yes.

2 MR. HANSEN: And how close to the buildings?

3 MR. CLARK: Right up to the foundation.

4 Our work plan calls for two and a half foot
5 excavation, that we would have half on one slope to be
6 inspected by me to make sure that we weren't undermining
7 the building, and we're not.

8 MR. HANSEN: Is there a contract for you, for
9 your company, to create accurate utility maps?

10 MR. CLARK: We are surveying utility maps.
11 We're actually taking out a few of the utilities.

12 MR. HANSEN: But you now have the
13 responsibility of providing to the city or to the Navy
14 accurate as built utility maps.

15 MR. CLARK: I'm not so sure we have the
16 responsibility, but we are doing that.

17 MR. HANSEN: I would hope so.

18 MR. CLARK: Yes, because the location of the
19 utilities is a concern.

20 CO-CHAIR SULLIVAN: The goal of the project was

1 not to locate all the utilities in the area; but the
2 goal was where the utilities are encountered or exposed,
3 that would be documented in the work.

4 Now, there could be other utilities at deeper
5 depths or in areas not excavated that we would not
6 document.

7 But where we would expose a utility, we would
8 document that.

9 MR. CLARK: Before we bury it.

10 MR. HANSEN: The reason I say that, when IT
11 worked on the Presidio, the government failed to
12 rigorously put that down as a job requirement.

13 So some of the very good information that was
14 determined in the field was not documented as well as it
15 could have been.

16 CO-CHAIR SULLIVAN: I think in our case, any
17 information that's generated in the field will be
18 ultimately documented.

19 MR. HANSEN: Turned over to Mahoney?

20 CO-CHAIR SULLIVAN: But if we don't encounter

1 the utility, we won't document it.

2 MR. HANSEN: Sure.

3 And who are you coordinating this with,
4 Mahoney?

5 CO-CHAIR SULLIVAN: IT, of course, is working
6 for the Navy; and then we, of course, are coordinating
7 with the city and their utility providers.

8 MR. HANSEN: Is that Mahoney?

9 CO-CHAIR SULLIVAN: Well, he's the deputy
10 director for the Treasure Island Development Authority,
11 and then Public Utilities Commission also has an office
12 here on the island.

13 We work through, the Navy works through the
14 city and connects into the various city departments.

15 MR. CLARK: I could refer you to our 1207-1209
16 report, final report, where we have utilities marked out
17 and calls for an elevation.

18 MR. HANSEN: I'll talk to you later about it.

19 MR. CLARK: Good.

20 And we have even better survey control on this

1 project. We are surveying the tops of the utilities as
2 well as the bottom of the excavation.

3 Our screening sampling is going a lot. We are
4 actually hitting the lab with more samples than we
5 originally intended.

6 They are falling a little bit behind the
7 excavator, but the excavation is ahead of schedule. I
8 think everybody appreciates the excavation being ahead
9 of schedule.

10 We backfilled this area already (indicating).
11 We will be backfilling into here starting tomorrow
12 (indicating).

13 The next four weeks, of course, we are going to
14 continue to excavate out Haliburton Court. A lot of
15 trucking and disposal, continuing screening sampling,
16 and backfilling at least up to the bottom elevation of
17 utilities. And we have a fair amount of utilities to
18 put back in.

19 The water pipe out there is basically all
20 plastic PVC. It's proven too difficult to excavate

1 around. Basically, it's just being torn out as we do
2 our excavation and we replace all the water line that
3 services these buildings here (indicating).

4 The electrical is going to be repaired by folks
5 on the island.

6 MS. SMITH: Will you replace the water line
7 with more PVC?

8 MR. CLARK: That's what our intent is right
9 now.

10 Then after we get the water lines in, the
11 electrical repaired, the gas line that is in there is
12 not suffering as much as I thought they were, that it
13 would. It's a steel pipe.

14 After all the utilities are in, then we will
15 start restorations -- putting in sidewalks, patios and
16 front porches and pavement.

17 And then the topsoil, hydroseed (phonetic),
18 reinstall the fences out at the site by mid-September.

19 MR. CONNELLY: Could you go back to the early
20 part of your remarks and go over again that area you

1 found more than you wanted to find?

2 MR. CLARK: The composite samples?

3 MR. CONNELLY: Yes, and what you intended to
4 do.

5 MR. CLARK: We had, we are expecting about
6 8,000 tons, about 4,000 cubic yards.

7 The landfills tend to require about one
8 composite sample for every 500 cubic yards or 1,000
9 tons.

10 We generated, we divided the site up into what
11 we thought was going to be about eight different zones.
12 And we specifically focused one zone on this area that
13 we thought was going to be hot, hotter than 50 parts per
14 million.

15 And that area came up -- I don't know the
16 number -- but it came up less than 50 parts. It was a
17 bit of a surprise for us.

18 Another surprise for us, another area, we had
19 an area right here (indicating). We had the rest of
20 Haliburton Court is another area, and then a zone

1 basically expanding in front of Building 1108 -- I'm
2 sorry -- between 1106 and 1104.

3 That composite sampling -- and I think one
4 sample was taken here (indicating), two here
5 (indicating), and one over here (indicating) -- that
6 composite sample came up above 50 parts per million.
7 I don't know how much above 50 parts.

8 My understanding was, it was barely above 50,
9 but enough that we did not want to profile. We did not
10 believe this material here should be profiled as
11 hazardous waste.

12 Our model that we are thinking, that we expect
13 to have happened, something happened around this area
14 here (indicating), and that during the construction of
15 the housing, that material got spread around to
16 different locations.

17 We see deep material in this area (indicating),
18 deep contamination in this area (indicating) going down
19 four feet. We don't see any at the two and a half foot
20 samples in this area (indicating), and pretty much the

1 rest of the site, a lot of the rest of the site.

2 We only see contamination at the first one foot
3 and sometimes down to two feet, two and a half feet.

4 And so that leads us to believe that this is a
5 matter of the filling process for building the houses.

6 MR. HANSEN: What year were they built?

7 MR. CLARK: '69.

8 CO-CHAIR SULLIVAN: Yes, late 1960s.

9 This is the first housing, The 1100 series was
10 the first housing built on Treasure Island.

11 MR. HANSEN: 1960s.

12 MR. CONNELLY: Well, right now, you are dealing
13 with conjecture. I'm interested to know if this is
14 migrating from someplace else.

15 MR. CLARK: PCBs do not migrate. They adhere
16 to the soil. They are very insoluble. They are
17 difficult to detect in groundwater. We don't expect
18 them to migrate.

19 MR. SCHALIT: The only reason for the migration
20 is if the soil was moved.

1 MR. CLARK: Right, which is a form of
2 migration, but a man-made migration. It's not a plume.

3 CO-CHAIR SULLIVAN: So once the housing was
4 built, the situation would remain static up until the
5 time we started to remove it now.

6 MR. CLARK: And I mentioned that all of our
7 dust monitoring program is coming up nondetect, no hits,
8 nothing that causes us to be of concern.

9 Jim mentioned that we were wetting the soil as
10 we excavate. We actually went in the weekend before we
11 actually started excavating, and we soaked the ground to
12 apply more water, so that as we excavated, we were
13 excavating moist soil, moisture soil, rather. It's
14 paying off.

15 CO-CHAIR SULLIVAN: Any other questions?

16 Dale?

17 MS. SMITH: Will there be any further attention
18 paid to the potential for subsidence or shifting caused
19 by the changes around these particular buildings --
20 well, actually, three, because of the extensive soil

1 around them -- or is that basically not your
2 responsibility?

3 CO-CHAIR SULLIVAN: No.

4 Our goal was not to cause any damage to the
5 buildings.

6 MS. SMITH: Obviously, but if we were having
7 level 4 earthquakes around the Bay Area, what if we had
8 5 and a half?

9 CO-CHAIR SULLIVAN: Well, the backfilling, we
10 are only excavating up to so sharp a slope, and we are
11 making sure, by continuing monitoring, that the soil is
12 not starting to slough away underneath the foundation.

13 And then, of course, we are backfilling it, and
14 so it's not going to be exposed for a very long period
15 of time.

16 So once that soil has been excavated and
17 backfilled in, then the building is back to its -- and
18 we are also compacting as we backfill. So the soil
19 should be back to its original configuration prior to
20 the excavation.

1 MS. SMITH: Now, do you think you could
2 compact -- do you know how dense the soil was before?
3 The soil is pretty loose soil.

4 MR. CLARK: And it's going back in at 90
5 percent in the common areas, and 95 percent in the
6 pavement, which is very engineered fill.

7 MS. SMITH: Okay.

8 CO-CHAIR SULLIVAN: We are using standard
9 construction practice for compaction.

10 MS. SMITH: What are you using for the
11 backfilling?

12 MR. CLARK: It's called Quarry Finds. It's
13 from a quarry, La Vista Quarry in Hayward.

14 MS. SMITH: What is its constitution, do you
15 know?

16 MR. CLARK: It's a clay. It has a small gravel
17 portion to it, but it's primarily clay.

18 MR. HANSEN: Probably compacts better than the
19 original sand there.

20 MR. CLARK: Yes.

1 MS. SMITH: Yes, but it may be a problem for
2 somebody out there, but that's another issue.

3 MR. CLARK: And as far as subsidence goes, it's
4 really not affecting the foundation soil.

5 MS. SMITH: No, you're not, but the fact is,
6 liquefaction is such a tricky thing, and it's not well
7 characterized.

8 One really doesn't know what is going on, if
9 you're using clay soils in addition to the shady sandy
10 stuff that was there. The buildings, they may want to
11 move, but will not be able to.

12 CO-CHAIR SULLIVAN: I mean, basically, we are
13 restoring it back to a condition if not better than
14 before we started the project.

15 MS. SMITH: What about the lines of
16 flexibility? Are any of the lines that you are putting
17 in, will they have flexible junctions in them, given
18 that, I mean, this is, again, I don't know if the city
19 or the Navy, but given that you are replacing water
20 lines using PVC, are you building them to seismic

1 standards?

2 MR. CLARK: The only lines that we are
3 replacing are the laterals that are two inches and
4 smaller. They are pretty flexible.

5 MS. SMITH: Okay.

6 MR. CLARK: The larger diameter ones, the
7 eight-inch diameter water lines are deep down.

8 MS. SMITH: Those aren't the ones you're
9 hitting anyway.

10 MR. CLARK: Correct. (Knocks on wood.)

11 MS. SMITH: Yet.

12 CO-CHAIR SULLIVAN: I was hoping to have some
13 color pictures, but somehow our computer projector
14 disappeared. The case is there. The projector is gone.

15 But I did print out some pictures on my
16 printer. But at least it gives you a kind of flavor for
17 what is going on.

18 This first one -- I will pass them around --
19 the first one is Flounder Court. You will be able to
20 see the excavator in the background. This was at the

1 beginning of the project.

2 The Flounder Court is the circular court here
3 (indicating). You will see the excavator in the
4 background. That was at the beginning of the project.
5 I will pass that to Dale.

6 The next is a typical picture showing the
7 excavator in action.

8 Next is a picture of the elementary school
9 showing the fabric protective material we are putting on
10 it, we have put on it as a precautionary measure.

11 This is just a general picture of the work site
12 just showing various vehicles and level of activity
13 (indicating).

14 And then this was a shot showing the workers
15 (indicating). We wanted to point out that the workers
16 are in level D, which is the minimum protection
17 prescribed on any project of this sort.

18 There is no requirement for the workers who are
19 actually excavating the soil to be wearing any
20 respiratory protection. So they are wearing typical

1 construction garb, typical level D garb, plastic
2 disposable suits and hard hats.

3 And then this picture is showing the line of
4 trucks lining up or leaving the site (indicating).

5 And then this picture gives a little bit of a
6 sense of the excavation of the soil around the building.
7 This was prior to the backfilling.

8 And then, lastly, this is a picture of the
9 stockpiles (indicating).

10 And, Stan, I was really amazed at how big these
11 stockpiles were.

12 MR. HANSEN: What's the total cost going to be,
13 Jim?

14 CO-CHAIR SULLIVAN: The total cost, rounded
15 with the site restoration that's back to original
16 condition, about \$2 million. That's consistent with, I
17 think, the 1207-1209 job was something over \$1 million,
18 and the 1133 job was under \$1 million.

19 MR. CLARK: Building a little bit on the
20 economy of scales.

1 CO-CHAIR SULLIVAN: So this is the largest of
2 the three removals we have done. This one was the
3 largest.

4 Okay. And that's a segue to, so you heard the
5 excavation side or the construction side, but once the
6 material is removed, then we have a confirmation
7 sampling cycle in order to determine, have we met our
8 target?

9 We are also field sampling as we go, so IT is
10 doing that.

11 But then on top of that field sampling, we have
12 another whole level of laboratory confirmation sampling.

13 And so Anthony is here to present an overview
14 of that, where we are at right now.

15 ANTHONY: Good evening. My name is Anthony.
16 I'm the project manager on the Tetrattech side for the
17 removal. I will speak briefly on the confirmation
18 strategy.

19 And as Jim mentioned, as IT has been digging in
20 these areas, they have been taking what I will refer to

1 as pre-screening, or screening samples, which is, they
2 have an on site laboratory which they are taking soil
3 samples from the area dug up, analyzing them in the
4 laboratory and comparing those results against the
5 cleanup wells on the site.

6 If they don't meet the cleanup levels, then
7 additional excavation is performed, and those areas are
8 then removed, if they are still above the levels.

9 So, basically, the purpose of confirmation
10 sampling -- and I'm following the handouts that we just
11 passed out -- the purpose on our side is to verify after
12 the fact, after the excavation, that, indeed, we have
13 removed the soils with concentrations above the cleanup
14 levels.

15 In this case, we are dealing with PCBs and
16 PAHs, as Stan mentioned.

17 Samples were taken from the excavated areas,
18 and in the areas, in many cases, they will probably be
19 backfilled while the analysis results are coming in,
20 mainly because we already have a lot of confidence that

1 they will be fairly low below the cleanup levels.

2 The confirmation sampling process, if they
3 indicate that the concentrations are below the cleanup
4 level, then we take our samples and send them to an
5 off-site laboratory, and the laboratory sends us back
6 the results.

7 If our results from confirmation sampling are
8 below the action levels, then no further excavation is
9 required.

10 If they are actually above the action level,
11 then we would go back in, further excavate some of the
12 areas and then resample, and go through the whole
13 process again to make sure we have all the areas.

14 The methodology for the actual samples are each
15 of the excavation areas, for example, on the bottom
16 areas (indicating), they are divided into individual
17 segments. Each wall is divided into a wall segment,
18 from a side wall segment; or if it's a floor, it's
19 divided into a floor segment.

20 The wall segments are 40 feet in length, and

1 the floor segments are 1600 square feet in area. 1600
2 square feet is a 40-by-40 foot section.

3 Once the segments have been delineated, then we
4 go in and collect one composite sample from each of the
5 segments, one composite sample consisting of four grabs
6 from the various locations within the segment, and
7 samples sent out to the laboratory.

8 The grabs are taken, say if it was a side wall
9 segment, and if it was, say, a four-foot deep side wall
10 segment, we would divide the actual segments into four
11 quadrants, and then each area would have a grab sample
12 taken.

13 If it's a floor sample, pretty much the same
14 procedure. The only variations come into play if you
15 have, say, a very rectangular segment, such as a
16 two-foot depth or some variation of, then we would go in
17 and divide it into four-foot linear sections.

18 The main intent, really, is to pull a grab
19 sample from the different areas within segments to make
20 sure that we represented all areas within that segment.

1 And the last point I want to touch on just
2 briefly is the rationale. The segment size actually
3 came from a, we used a program called Depth, which is an
4 EPA program, which is a statistical model that allows
5 you to determine the number of composite samples
6 required to characterize an area after it's been
7 excavated.

8 And in this case, we ran the program. The
9 results indicated that for a 200-foot long side wall at
10 five composite samples, it would be adequate to
11 characterize.

12 So five samples divided into 200-foot lengths
13 gave us the 40-foot length for each segment.

14 Ordinarily, the results from each of the five
15 composite samples ordinarily would be averaged together
16 and compared to the cleanup level.

17 But in this case, we will be going on a
18 segment-by segment basis and comparing the results for
19 each individual segment against the cleanup level to
20 make sure that it's below.

1 And if one particular segment is above, then it
2 would be further excavated until it's below.

3 That is a very belief summary. Are there any
4 questions?

5 MS. SMITH: About four years ago, Tetrattech
6 gave us a tour and a demonstration of the mobile lab
7 sampling, and the demo was very weak. It came up with a
8 lot of bad sampling results in the field, including some
9 nondetects that were clearly detects.

10 In addition, over the years we have seen
11 comparisons with standard lab work that indicates a
12 large number of false positives as well as false
13 negatives with the mobile lab work.

14 How much are you relying on mobile lab work?
15 We never got a report back from Tetrattech, or PRC, as to
16 how they had adjusted using the mobile lab in regard to
17 the fact that they basically were getting very bad data
18 both ways.

19 CO-CHAIR SULLIVAN: Yes. You are referring to
20 the immunoassay.

1 MS. SMITH: Well, false negs.

2 CO-CHAIR SULLIVAN: Yes. But we were, some
3 years ago, we were using immunoassays in our field work.

4 And as Dale pointed out, we made some
5 presentations to the RAB concerning the data, and we
6 ultimately made a decision to stop using immunoassays,
7 and, instead, go back to laboratory sampling.

8 In this case, IT is using the field screening,
9 the mobile lab, but it's not an immunoassay.

10 MR. CLARK: It's state certified.

11 CO-CHAIR SULLIVAN: Yes. But they are using it
12 as a screening device during the excavation.

13 But once the excavation is completed, then
14 Tetratech is going in and not using a mobile lab, but is
15 using standard laboratory analysis as the final
16 confirmation that we have met our goal.

17 ANTHONY: That's really our rationale for using
18 the fixed lab, just to make sure we avoid the kind of
19 thing you mentioned.

20 MS. SMITH: Yes. We were extremely upset with

1 that. We got no indication whatsoever that PRC, at the
2 time, PRC, they were at all interested in hearing our
3 complaints.

4 CO-CHAIR SULLIVAN: Well, no. We heard the
5 RAB.

6 MS. SMITH: We didn't get a response from
7 anybody.

8 CO-CHAIR SULLIVAN: Yes.

9 We discontinued the use of those field
10 screening techniques.

11 ANTHONY: Immunoassays sometimes can be
12 qualitative as opposed to quantitative, depending on how
13 it's done.

14 But, again, the fixed laboratory should protect
15 us from that happening again.

16 MS. SMITH: Okay.

17 CO-CHAIR BRENNAN: Are we comfortable with the
18 northern delineation? When we were going into this, we
19 weren't quite sure.

20 CO-CHAIR SULLIVAN: Yes.

1 Stan, I don't know. We talked about the
2 northern delineation and the additional sampling that IT
3 has done.

4 MR. CLARK: Actually, we have done a little bit
5 of screening sampling, preexcavation along the northern
6 area of 1104 and 1106, and we have discovered some
7 material that's above 1 part per million extending out
8 to about eight feet beyond that.

9 We did not detect the soil full of criteria.
10 It does extends a little bit further.

11 CO-CHAIR SULLIVAN: Yes. It does extend a
12 little bit beyond there, but then we stepped out again
13 and we got a very clean line of samples beyond that.

14 So, I mean, it wasn't unexpected that these
15 lines would adjust a little bit once we were in the
16 field, but we are not seeing any significant
17 adjustments.

18 And, in fact, in some cases, we are actually
19 only going to be, we are only excavating down to, I
20 think, a foot and a half?

1 MR. CLARK: The stepouts are only going to one
2 foot.

3 ANTHONY: Any questions?

4 (No response.)

5 ANTHONY: Okay. Thank you very much.

6 CO-CHAIR SULLIVAN: Okay. That brings us to
7 our next item, which was to provide you also with an
8 update on the other activities in the Site 12 area.

9 I guess I should point out that while the
10 former storage yard was not originally part of Site 12,
11 it's actually outside of the physical boundaries of --
12 well, this is getting to be kind of an old map here
13 (indicating) -- but the former storage yard area is out
14 in this area here (indicating), which is actually --
15 actually, this boundary line has changed. It's outside
16 of the current boundary lines of Site 12, but in this
17 discussion with the agencies, we are going to
18 incorporate the former storage yard area into the Site
19 12 investigation.

20 So, eventually, you will see the data from this

1 project carried forth into the overall Site 12 remedial
2 investigation report.

3 Also, I should point out, all this work we are
4 doing now in the removal action will be documented in a
5 final technical memo. So you will all see the final
6 documentation of this project.

7 And then it will still be then carried into the
8 remedial investigation report.

9 So whatever we do in the former storage yard is
10 ultimately going to be carried through all the way to
11 the Record of Decision in Site 12.

12 MS. SMITH: In Site 12.

13 CO-CHAIR SULLIVAN: So we are not stopping once
14 we are done with the mobile.

15 So we wanted to brief you on the other areas of
16 investigation in Site 12.

17 And as you know, we have done an extensive
18 amount of investigation over the years in Site 12, and
19 we are, we have delineated it down to four other areas
20 of investigation.

1 And for those of you who have been in a number
2 of RAB meetings, some of this is going to be somewhat
3 familiar to you. But we wanted to make sure that we
4 gave you a comprehensive update on it.

5 The four remaining areas of investigation are
6 the Buildings 1231, 1233 area up here on North Point
7 Drive. This is North Point Drive right here
8 (indicating).

9 The Building 1207, 1209 area, which is on
10 Bayside Drive, this is Bayside Drive right here
11 (indicating).

12 What we refer to as area B, which constitutes
13 Lester Court, which is right here (indicating).

14 And then area A, which is approximately right
15 here (indicating). Primarily, it constitutes Buildings
16 1319, 1321 and 1323.

17 So these are the, other than the storage yard,
18 these are the other four areas that remain under
19 investigation within Site 12.

20 All four of these areas are remaining vacant.

1 They are not occupied.

2 The investigation to date has included the
3 geoprobe data that we have done all across Site 12, both
4 soil and groundwater grabs.

5 Monitoring wells. We have 12 or so monitoring
6 wells all throughout Site 12, some of which are in these
7 areas (indicating).

8 We have done, in the last year, as you know, we
9 have done trenching. We have used the trenching a lot
10 to identify and delineate these four areas (indicating).

11 And we also collected, as part of the ongoing
12 investigation, we've collected some soil gas in the
13 past. There was some indication that we were getting
14 gas detection maybe from debris and/or it may also be
15 from the natural gas system.

16 But we have completed a work plan. We
17 completed the work plan some time ago for soil gas
18 investigation in Site 12, and we are getting ready to
19 implement that in the field over the next few months.
20 So we are going to close that data gap.

1 And then, lastly, we have done this pilot
2 investigation at 1231, 1233, where we have gone into six
3 of the backyards. And we have done an extensive amount,
4 a very dense amount of sampling in order to characterize
5 the debris in those six pilot backyards.

6 And so then we would be using that information
7 not only in this area here (indicating), but we would
8 use the results of that information in the other three
9 areas as well.

10 So what have the results been, flipping over to
11 the back page?

12 In these four areas, we see what is
13 characterized as light debris and heavy debris in some
14 locations.

15 There are elevated constituent concentrations,
16 typically lead, and typically coinciding with the
17 presence of the debris. In general, the denser the
18 debris, the higher the lead.

19 We see it at varying depths. In some cases,
20 it's near surface, below the turf, zero to two feet.

1 Actually, we start sampling at half a foot, six inches
2 to two feet.

3 In other cases, we're seeing it at two to four
4 feet.

5 In other cases, we are seeing it beyond four
6 feet into the water table, so it varies.

7 Sometimes we don't see it near surface, but we
8 see it deeper down. Sometimes we see it near surface
9 but don't see it deeper down. It just varies.

10 And, then, as I mentioned, we noted some soil
11 gas and, therefore, we are implementing a soil gas
12 investigation in order to close that data gap.

13 But there is some indication that we have been
14 getting some higher concentrations of soil gas right in
15 this corner area over here (indicating). So this is one
16 of the areas that we are definitely going to be
17 investigating further for soil gas. And it does
18 coincide with debris area A.

19 So what are the next steps? It's probable that
20 there will be some removal action in these four areas

1 (indicating). We are already going ahead and beginning
2 preparation, or we are getting the contract in process
3 to begin preparation of work plans. It's likely that
4 you will see some draft work plans in August.

5 And then we hope, on an expedited schedule, to
6 try to complete work plans by the end of September. And
7 then if there are going to be removal actions, then that
8 work would likely occur in the fall time frame, as we
9 would like to be able to complete any removal action by
10 the end of the calendar year.

11 Some of the issues that we are talking about
12 are depths of removal, characterizing the light debris,
13 how light is light, how do you take enough samples to
14 determine what the concentration of lead and other
15 constituents are in debris, because it can be highly
16 variable from foot to foot.

17 Nonchemical debris, debris where you may have
18 glass or metal fragments, and how do we deal with that?
19 It's not a chemical issue, but it's a physical hazard
20 issue.

1 So these are some of the issues that we are
2 dealing with.

3 So that just kind of presents you with, that's
4 basically where we are right now today. So you will be
5 likely seeing a work plan and the results of further
6 discussion that the Navy, the agencies and the city have
7 on these four areas.

8 Are there any questions or comments?

9 Ted.

10 MR. CONNELLY: For general information, can you
11 show us on the map the approximate area where the
12 Department of Labor has its property?

13 CO-CHAIR SULLIVAN: The Department of Labor Job
14 Corp Center is approximately right here (indicating).

15 MS. SMITH: They don't have barracks.

16 CO-CHAIR SULLIVAN: These are the newer
17 barracks (indicating). They don't have those. They
18 didn't ask for them.

19 These are the older barracks. They have those
20 (indicating). And then they have the officers dormitory

1 housing.

2 MS. SMITH: The unmarried.

3 CO-CHAIR SULLIVAN: Unmarried, yes.

4 MS. SMITH: What about the propellers,
5 whatever?

6 CO-CHAIR SULLIVAN: What we call the Star
7 Barracks is outside of the DOL footprint. And so there
8 currently would be future reuse by the City of San
9 Francisco.

10 MS. SMITH: But nobody else has either that
11 you're aware of.

12 CO-CHAIR SULLIVAN: Not that I'm aware of.

13 MR. HANSEN: Jim, the Star Barracks are vacant
14 right now.

15 CO-CHAIR SULLIVAN: They are since the base
16 closed in the summer of '97.

17 MR. HANSEN: What is the capacity of those?

18 CO-CHAIR SULLIVAN: I couldn't give you a firm
19 figure.

20 I would guesstimate maybe a couple of hundred

1 people per building.

2 MR. HANSEN: Presumably, those are the areas
3 that San Francisco State would be looking for, if my
4 prediction is correct.

5 CO-CHAIR SULLIVAN: So the DOL area is well
6 outside of these investigation areas.

7 MR. CONNELLY: I was going to ask if testing
8 has been done up to the perimeter?

9 CO-CHAIR SULLIVAN: Well, what we have done
10 throughout the base, throughout Yerba Buena Island and
11 Treasure Island, we have done what we call an
12 Environmental Baseline Survey, or EBS. We looked at all
13 the property.

14 In addition to that, when it came time to lease
15 property, or in the case of DOL, to transfer the
16 property, we did a supplemental investigation to
17 identify any issues of environmental concern that might
18 be on the property.

19 In the case of the DOL property, there are some
20 issues. We had two former underground storage tanks

1 located at the galley building, which is part of the
2 Department of Labor.

3 And then we also had a fuel line, which runs
4 down the street here (indicating), former fuel line that
5 runs down the street here and extends into the DOL
6 property.

7 So the Navy is continuing to investigate.
8 There may be some remediation required on the DOL
9 property that the Navy is continuing to do. But we
10 don't lease or transfer property without an
11 environmental evaluation of the property.

12 MR. CONNELLY: Would I be correct in assuming
13 that there is a database somewhere to indicate all of
14 the findings that have been made?

15 CO-CHAIR SULLIVAN: Well, we do an
16 environmental baseline survey report, so there is an
17 original baseline survey from May of '95, which is like
18 two 3-inch binders, so probably about that big
19 (indicating). That represented the original baseline
20 survey for both islands, the Navy portion, excluding the

1 Coast Guard.

2 And then as we go to lease property, there is
3 separate supplemental environmental baseline surveys and
4 findings of suitability to lease. And so those are
5 separate reports.

6 And then in the case of DOL, there was a
7 similar document for the transfer.

8 And then ultimately, when we go to transfer the
9 other property to the City of San Francisco, then there
10 is a further finding of suitability to transfer the
11 property.

12 So all of the acreage is looked at in the
13 process of either leasing it or, ultimately,
14 transferring it.

15 And everything that's noted, you know, while it
16 may not be an environmental risk, it is at least noted
17 and documented: This was a former underground storage
18 tank site. We evaluated it. Here's the results. No
19 cleanup was necessary.

20 But that information is at least documented

1 that the tank was there.

2 MR. CONNELLY: Thank you.

3 MS. RYAN: Jim, is EBS in the information
4 repository?

5 CO-CHAIR SULLIVAN: Yes. All of the
6 documents -- well, it may or may not be. That's
7 actually a good question.

8 MS. RYAN: We may want to check.

9 CO-CHAIR SULLIVAN: Yes. That's actually a
10 good question.

11 The information repository is a requirement for
12 the CERCLA investigation of the IR sites. But that's
13 the way it was set up by law. We don't necessarily put
14 everything else in there. The EBS is not really a
15 CERCLA document.

16 But, actually, that's a good question. I
17 think -- I'm not sure. I think we have in some cases,
18 and we will check on that.

19 MS. RYAN: All right.

20 CO-CHAIR SULLIVAN: But that's a good question.

1 MR. HANSEN: I think Dale and Nathan will agree
2 with me in saying that, before Ted can become a full,
3 qualified card carrying member of the RAB, he needs to
4 go back and read all of those.

5 (Laughter.)

6 MR. CONNELLY: He has been partially.

7 MR. HANSEN: It's like being a tenderfoot
8 scout.

9 CO-CHAIR SULLIVAN: All right. Thank you.

10 I think that brings us to the break. We are
11 running a little bit behind schedule.

12 MS. BARTLETT: I was going to propose to move
13 the organizational business, since we are running late.

14 CO-CHAIR SULLIVAN: Can we take a quick break?

15 MS. BARTLETT: All right.

16 (Short break.)

17 CO-CHAIR BRENNAN: The last interim meeting was
18 at ARC.

19 CO-CHAIR SULLIVAN: Yes. We are no longer
20 having interim meetings at PG&E because Patricia Nelson

1 no longer works for PG&E.

2 So ARC Ecology has graciously allowed us to use
3 their buildings, I guess, for the foreseeable future.

4 CO-CHAIR BRENNAN: Yes. While that still
5 works, I guess we'll use that. That's set now, so we
6 will continue with that.

7 Lew has worked up this TAPP, and I talked to
8 all of you at the break. I think at this time we should
9 put this forward so we can start the paperwork.

10 And, Lew, you agree to be the contact?

11 MR. SCHALIT: Yes.

12 CO-CHAIR BRENNAN: I guess, for the record, can
13 we get a vote on this?

14 MR. HANSEN: I so move.

15 MS. SMITH: All in favor.

16 CO-CHAIR BRENNAN: All in favor? Opposed?

17 Okay. Then I will work with Jim to sign this,
18 and then add your name, Lew, as the contact if they need
19 to go over the language.

20 CO-CHAIR SULLIVAN: And, probably, just for

1 your info, the primary Navy point of contact on this
2 will be Marcello Pascua, who is our environmental
3 liaison. He is not with us here tonight. He was
4 actually the San Bruno point of contact for the whole
5 TAPP program, so he's well-versed in the program.

6 MR. SCHALIT: And you have his phone number
7 memorized, and it is?

8 CO-CHAIR SULLIVAN: I don't have his phone
9 number memorized.

10 CO-CHAIR BRENNAN: He's on the address list.

11 CO-CHAIR SULLIVAN: But his E-mail is Pascua --
12 P-A-S-C-U-A -- MG at EFA West dot NAFAC dot Navy dot
13 mil.

14 So it's the San Bruno E-mail address, not the
15 southwest San Diego E-mail address.

16 CO-CHAIR BRENNAN: And this is on your address
17 list.

18 MR. HANSEN: Yes, but there is no phone number
19 given.

20 MR. RIST: 244-2522.

1 MR. SCHALIT: 244?

2 MR. RIST: 2522.

3 MR. SCHALIT: Area Code 650?

4 MR. RIST: Yes.

5 CO-CHAIR SULLIVAN: Yes.

6 MR. SCHALIT: Thank you.

7 CO-CHAIR BRENNAN: Lew, his phone number is on
8 the address list.

9 MR. SCHALIT: You all seem to have an address
10 list.

11 CO-CHAIR SULLIVAN: Lew, it's in the meeting
12 minutes package.

13 MR. SCHALIT: I didn't get one.

14 CO-CHAIR SULLIVAN: Oh, you didn't get one?

15 MS. SMITH: I didn't get one either.

16 CO-CHAIR BRENNAN: It came in the last few
17 days.

18 MS. SMITH: Maybe it's coming.

19 CO-CHAIR BRENNAN: But it is in there.

20 All right. The other item the last time we

1 talked about was writing an article for the newsletter.

2 Dale, have you worked on that?

3 MS. SMITH: I was waiting for input from you or
4 someone.

5 MS. BARTLETT: I checked on that.

6 They said that they don't really have a regular
7 schedule. They expect to put one out in early August.

8 So if you want to draft something, you can send
9 it to Nathan and I, and we will get it onto that.

10 MS. SMITH: I would need to see the sample to
11 see what their layout is so I could send a PDF file to
12 just plop in.

13 MS. BARTLETT: I think they want a text, like a
14 column.

15 MS. SMITH: Well, if we are trying to recruit
16 people, I'm not going to give them just 10 point type.

17 It needs to be something a little more, have a
18 little more to it than just that.

19 MS. BARTLETT: You mean like a display ad?

20 MS. SMITH: Yes. I'm thinking more like that.

1 MS. BARTLETT: Okay.

2 CO-CHAIR SULLIVAN: Well, maybe if you and Dale
3 could talk, and the John Stewart Company.

4 MS. BARTLETT: Yes.

5 MS. SMITH: And find out who to contact and
6 what they need.

7 MS. BARTLETT: Okay.

8 CO-CHAIR BRENNAN: Well, maybe it can be done
9 as an addition to the newsletter.

10 CO-CHAIR SULLIVAN: Yes, that would be another
11 thought.

12 MS. BARTLETT: I think they are collectible.

13 I think maybe you should, what I would
14 recommend that you do, draft what you would like to do,
15 and we will just work with them. He is every flexible.

16 MS. SMITH: Can I get a name and a phone
17 number? I could send her the PDF file.

18 MS. BARTLETT: Okay. Sure.

19 CO-CHAIR BRENNAN: Dale, why don't we work
20 through Gina and let her handle that, and then we could

1 get the article out?

2 MS. SMITH: Okay.

3 CO-CHAIR BRENNAN: So she could continue her
4 contact and handle it.

5 MS. BARTLETT: So I will give you my card. She
6 said she was very open. I think they run a pretty high
7 quality newsletter.

8 CO-CHAIR BRENNAN: So we will work on trying to
9 come up with some language.

10 MS. SMITH: Yes, get a sense of what we want.

11 CO-CHAIR BRENNAN: Part of it was just to have
12 an update.

13 MS. SMITH: Of our monthly meeting?

14 CO-CHAIR BRENNAN: Well, since they don't do it
15 monthly, originally we were talking about that.

16 But maybe we have to sort of just do a
17 quarterly review, a not quite regular newsletter.

18 MS. SMITH: Okay.

19 CO-CHAIR BRENNAN: I think what they are
20 probably very interested in is the Site 12 cleanup.

1 MS. SMITH: I think they should be, yes.

2 CO-CHAIR BRENNAN: Now, are you also working
3 with the city to put out something for your weekly
4 meetings?

5 CO-CHAIR SULLIVAN: Yes.

6 For everybody's info here, what we have done
7 for this removal project, we have actually had several
8 meetings.

9 We had one meeting where we met with just the
10 residents in these two buildings, because they were the
11 ones closest to the work area, and the ones we were
12 going to be visquening the sides of their buildings and
13 were impacting their egress. So we met with them.

14 We also had a general meeting and invited all
15 the island housing residents. We had that. And as a
16 result of that island, all residents meeting, there was
17 a suggestion from the residents that there be an ongoing
18 information flow. And we came up with the idea of
19 having a weekly meeting with the residents during the
20 course of the work here, probably, you know, extending

1 into August or as long as they continue to need to have
2 that information.

3 So we are meeting with them now every Wednesday
4 at 6:30 p.m. right here in the Casa, from 6:30 to about
5 7:30 or 8:00.

6 And so we had the first one of those last
7 Wednesday.

8 We are having another one tomorrow night, and
9 we will continue to have those on Wednesday nights for
10 the duration of this project.

11 MS. SMITH: How many people came last week?

12 CO-CHAIR SULLIVAN: I think we had probably
13 about 10 residents.

14 Two weeks previously, when we had the kind of
15 all residents meeting, I think I counted maybe about 16
16 residents.

17 MS. SMITH: Still a low turnout.

18 MS. RYAN: Jim, do you guys do a sign-up sheet,
19 did you do it last Wednesday?

20 CO-CHAIR SULLIVAN: I think the Stewart Company

1 may have had a sign-in sheet.

2 MR. RIST: There was.

3 MS. RYAN: Good. I think that's a good way to
4 get information.

5 CO-CHAIR BRENNAN: Okay. Thanks, Jim.

6 The one other item we had on here was
7 membership. In the interim meeting, we were talking
8 about this. Summers are always dreadful, as I recall.

9 One thing that we were talking about, the real
10 purpose of the RAB is to try to get the public
11 information, sounding board kind of, for the public to
12 the Navy and to the regulatory agencies.

13 And one thing that Chris Shirley recommended,
14 maybe we could start a survey. As the RAB sends the
15 survey out, collects some results. So that way we can
16 reach more people and bring that information, even if we
17 can't get the people to attend the meetings.

18 So in the next interim meeting, we hope to work
19 with her a little bit on that.

20 This might even be something to put in the

1 smaller newspapers and get some information back.

2 But it might be one way to try to reach the
3 public, since a lot of people aren't really interested
4 in showing up here, even one night a month.

5 That was an alternate idea that may work.

6 So I would like to talk about that more at the
7 next interim meeting.

8 I didn't have anything else.

9 Any other items from the members?

10 MR. HANSEN: I'm still mulling over the fact
11 there is a strong need for dormitory space in the city.

12 And based upon what Jim recalls, those two Star
13 Barracks are not being used.

14 I just want to express disappointment that --
15 what is Walters' name?

16 MS. SMITH: Martha.

17 MR. HANSEN: Martha Walters is not here,
18 because I would like to verbalize that concern to her.

19 As a resident of San Francisco, knowing how
20 dreadfully difficult it is for anybody to afford to live

1 here, I'm appalled that two perfectly good barracks seem
2 not to be offered up to students at San Francisco State
3 University, or to UCSF, or to the worthy students of
4 University of San Francisco.

5 MR. SCHALIT: Or even to the law school
6 downtown.

7 MR. HANSEN: Right.

8 It's dreadful not having those assets used,
9 particularly because we don't know of any health reasons
10 why they could not be used.

11 And the fact that they are immediately adjacent
12 to that culinary school would make it an attractive
13 place to live.

14 CO-CHAIR SULLIVAN: Well, Martha would have
15 joined us, but she's out of town. That's the only
16 reason she's not here.

17 UNIDENTIFIED SPEAKER: I'm with Geomatrix. We
18 are consultants to the city.

19 I will pass along any concerns or questions you
20 have.

1 MR. HANSEN: I don't want to write a letter to
2 the editor. I don't want to criticize Mayor Brown, who
3 is probably out of the country, but there is a need for
4 housing in the City of San Francisco, and there is a
5 bunch of housing that could be used, and why isn't it?

6 MR. RIST: One of the things, I appreciate that
7 Martha is the city's representative, but Martha is also
8 somewhat limited in her ability to carry those types of
9 things out.

10 MR. HANSEN: But she's the point of contact
11 with the city.

12 MR. RIST: Right, but there are others you can
13 contact. The one that I can think of is the Development
14 Authority. That might be a better place to voice your
15 concerns. They are charged with administering the
16 entire island and reuse of the island.

17 Martha is really the project manager on the
18 environmental end of things, and that's something that
19 might fall a little outside of what her normal purview
20 is.

1 You might have better luck with the Development
2 Authority. They still have monthly meetings.

3 CO-CHAIR SULLIVAN: Yes.

4 In fact, there is a web site for the, it might
5 be TIDI. Their web site has their monthly meeting
6 dates.

7 MR. HANSEN: They send me announcements.

8 CO-CHAIR SULLIVAN: Yes.

9 MR. HANSEN: But, clearly, someone is dropping
10 the ball.

11 MR. RIST: Well, they are the ones to hear
12 these types of thing, because they have the authority
13 and the power to do something about it.

14 Martha is -- it would just get lost in the
15 communication process at some point.

16 But going straight to the Board would have a
17 forum to accept public comments. That's the appropriate
18 place.

19 And we can do it through Martha as well, but I
20 think you might have much better luck going the other

1 way.

2 MR. HANSEN: What is the lady's name?

3 MS. SMITH: I thought it was a guy.

4 CO-CHAIR BRENNAN: Annemarie

5 MR. HANSEN: Annemarie.

6 I would think she would try to hustle to get
7 people out here.

8 CO-CHAIR SULLIVAN: I think David's point is
9 well-taken.

10 Being the RAB, our focus is environmental.
11 And, similarly, in Martha's situation, when RAB members
12 talk to me about reuse and facilities type issues,
13 that's, while I can, in a limited way, am able to carry
14 back some of that information, similarly to Martha, I'm
15 not in that business either.

16 So it's a good point by David. The Development
17 Authority does meet monthly, and it is a public forum.

18 MR. HANSEN: We should make some phone calls.

19 Thank you.

20 CO-CHAIR SULLIVAN: Okay. Well, general

1 update.

2 Announcements. Any announcements that needed
3 to be made?

4 (No response.)

5 CO-CHAIR SULLIVAN: All right. We do have
6 draft June meeting minutes. I'm not sure why -- is
7 Maria still here? I'm not sure why everyone wouldn't
8 have gotten meeting minutes, so I apologize for that.

9 I think they went out last Wednesday or
10 Thursday, so why some people would get them and some
11 wouldn't, especially those people who have been on the
12 mailing list for a long period of time.

13 MS. SMITH: It's probably more the post office.
14 They get backed up or have illnesses. If you sent them
15 out on Wednesday from . . .

16 CO-CHAIR SULLIVAN: Alameda.

17 MS. SMITH: Alameda, they may take . . .

18 CO-CHAIR BRENNAN: They will never get to
19 Berkeley. I don't think they even recognize Berkeley.

20 CO-CHAIR SULLIVAN: But I'm glad you're giving

1 me that feedback, because maybe we are going to have to
2 adjust the mailing and make sure we have the mailing
3 list right and then adjust the mailing. So I apologize
4 if you haven't received them.

5 Anyway, for those of you who did receive the
6 package, we did have the June draft meeting minutes. If
7 there is enough people who had received them that would
8 want to make comment on them, or whether that's
9 something we need to defer?

10 Yes, sir.

11 MR. STONE: Excuse me. Were there many people
12 who did not receive the minutes?

13 CO-CHAIR SULLIVAN: Well, it sounds like there
14 is at least two, Lew and Dale and Ted.

15 MR. HANSEN: I think I'm the only one who did.

16 CO-CHAIR SULLIVAN: I got mine.

17 MR. HANSEN: You got yours?

18 CO-CHAIR SULLIVAN: I think I got mine on
19 Treasure Island on Friday.

20 MS. RAKER: And I did, too, in Oakland.

1 MR. HANSEN: Could I ask that when the minutes
2 are sent out, you include the San Francisco Chronicle
3 article, which is mentioned in the minutes?

4 MS. SMITH: Did we submit a copy of it?

5 MR. HANSEN: It was written.

6 MS. SMITH: We got a copy.

7 CO-CHAIR SULLIVAN: Well, it was a handout at
8 the meeting.

9 MR. HANSEN: I wasn't at the meeting.

10 CO-CHAIR SULLIVAN: Richard's point, if we had
11 a handout at the meeting, we should make that part of
12 the package, because if someone wasn't at the meeting,
13 then they wouldn't otherwise get it.

14 So, yes, did you need a copy of that?

15 MR. HANSEN: I would like to see it. I would
16 like another copy.

17 CO-CHAIR SULLIVAN: Okay.

18 MR. HANSEN: I think the others who weren't
19 here would like a copy, too.

20 MS. SMITH: Generally speaking, any handouts at

1 the meeting do end up in the packet.

2 CO-CHAIR SULLIVAN: Well, it sounds like, for
3 whatever reason, that handout didn't get included in the
4 mailout.

5 So what I think we will need to do is include
6 that in next month's mailing.

7 MS. SMITH: And something like this needs to go
8 out (indicating).

9 CO-CHAIR SULLIVAN: And it would.

10 MS. SMITH: It's not full color, but it should
11 go out, which is why we wanted more complete minutes
12 than just brief line items.

13 CO-CHAIR SULLIVAN: You're correct. If it's
14 handed out at the meeting, it needs to be in the meeting
15 package, particularly for those people who weren't at
16 the meeting.

17 MR. HANSEN: Thank you.

18 CO-CHAIR SULLIVAN: We will do it for that
19 article, "Oasis of Diversity," which I have a copy of,
20 too.

1 We will just put that in the next mailing so
2 everybody will get that.

3 CO-CHAIR BRENNAN: I don't have any comments.
4 Some people still need to see it.

5 CO-CHAIR SULLIVAN: All right. So given only a
6 couple of people who were here got the minutes, we will
7 defer the draft June meeting minutes to the August
8 meeting. So we will do both June and July.

9 Hopefully, we will get everybody their August
10 meeting packet before the August meeting.

11 July project team meeting. Our project team
12 meeting, which is the Navy, the regulatory agencies, the
13 city, and the RAB representative, we meet now on the
14 second Tuesday of the month. We used to meet, for a
15 long time, on the first Monday of the month. But for
16 about the past six months or so, we shifted that to the
17 second Tuesday.

18 So we did have our last meeting a couple of
19 weeks ago. Unfortunately, I don't have the agenda with
20 me, but I think most of what we discussed was relative,

1 it was only a half day meeting in the morning, from 9:30
2 to about noon, and most of the meeting, I think, was
3 relative to the removal action.

4 And then I think just some general, I think
5 some other administrative issues.

6 So our next project team meeting will be on
7 Tuesday, the 8th of August.

8 Our last meeting was at Tetratech. The next
9 meeting on the 8th of August will also be at Tetratech.
10 That's at 9:30 a.m. The RAB is, as always, invited to
11 send a representative.

12 I don't know yet whether we will have a half
13 day or a full day meeting. Probably more than likely,
14 the meeting will probably go into at least part of the
15 afternoon. But we haven't developed the agenda for that
16 yet.

17 Chris Shirley, the handout at Nine CERCLA
18 Criteria, at our last interim meeting over at ARC
19 Ecology, we discussed this. I thought Chris was going
20 to be here to hand that out.

1 CO-CHAIR BRENNAN: Well, I think that was part
2 of the discussion.

3 I think she felt we should have the discussion
4 before we started. We should have the discussion and
5 look at it, rather than just hand it out.

6 So, hopefully, in the interim meeting, we will
7 do part of the discussion about what criteria we need to
8 look at the cleanup as, and then look at a survey that
9 would try to get information from the public.

10 So there is kind of two parts. That's why it
11 was hard to throw that out.

12 MR. HANSEN: Is this a long document?

13 CO-CHAIR BRENNAN: Two pages. It's not long.

14 CO-CHAIR SULLIVAN: So we will pick that up.

15 CO-CHAIR BRENNAN: Yes. We will have that
16 next, and we will have that around for the next RAB.

17 CO-CHAIR SULLIVAN: Okay. Proposed agenda
18 items for next meeting.

19 We do, we want to give you an update on our CAP
20 site and fuel line investigation program.

1 We have been out in the field for the last
2 several months, and so we will be ready to provide you
3 with an update on that at the August meeting.

4 We will also need to give you additional update
5 on the former storage yard removal, and then, also, we
6 tentatively, I think we will be able to have a
7 discussion of our strategic plan and schedule.

8 We have been working with the regulators and
9 the city on a draft on some early pre-draft plans and
10 schedules, and we are going to incorporate the comments
11 discussion we have had on that, and then be able to
12 provide a draft to the RAB members and discuss it with
13 you and seek your comment before we finalize the
14 document.

15 Basically, what it really is is the schedule
16 for the investigation and remediation that ultimately
17 becomes part of the Federal Facility Remediation
18 Agreement that we have with the State of California.

19 But it would have all the schedules for the
20 documents. And so we will provide that draft to you,

1 and then give you a presentation and seek your comments
2 on that.

3 So other items. Are there any other items we
4 haven't otherwise covered?

5 Dale.

6 MS. SMITH: Can I just ask you: What's
7 happening over there just on the causeway off of Yerba
8 Buena Island? There seems to be fencing. It's this
9 side (indicating).

10 CO-CHAIR SULLIVAN: Well, that was part of the
11 CAP site investigation.

12 What you might have seen, well, for one, just
13 for this beach area right now is --- well, the city,
14 it's been closed since the base closed, because I guess
15 the city wasn't ready to reopen it yet.

16 So this area remains gated off here
17 (indicating).

18 But what you might have seen, this was IR site
19 16, the former, the Clipper Cove tank farm. About a
20 month or two ago, we had a couple, we had a drill rig in

1 there.

2 MS. SMITH: Okay. I saw that.

3 CO-CHAIR SULLIVAN: That was just the CAP site
4 investigation.

5 MS. SMITH: So you will update us on that as
6 well?

7 CO-CHAIR SULLIVAN: The CAPs and the -- well,
8 what we would do next month, we would update you on the
9 CAP, which is the major fuel sites and the fuel line,
10 but we wouldn't go through all of the CERCLA sites.

11 MS. SMITH: Well, that's not a CERCLA site, is
12 it?

13 CO-CHAIR SULLIVAN: No, it is not. It is a
14 petroleum site.

15 We would go through the individual CAP sites
16 and the fuel line.

17 Okay. So no other items.

18 That brings us to the close.

19 So our next regular meeting, Tuesday the 15th
20 of August, back here at the Casa.

1 And then our next interim meeting is at 6:30
2 p.m. at ARC Ecology's office. I will send out a notice
3 on that. That's at 833 Market Street, downtown.

4 And then our next BCT meeting is the day after.
5 So the interim meeting is on Monday, right?

6 And then our next BCT meeting is that Tuesday,
7 the next day, that Tuesday at 9:30 a.m. at Tetrattech.
8 And, as always, the RAB is invited to send a
9 representative to that meeting.

10 MS. SMITH: You might want to put the time on
11 there.

12 CO-CHAIR SULLIVAN: I know. I meant to.

13 MS. SMITH: Okay.

14 CO-CHAIR BRENNAN: Quarterly groundwater
15 report? I don't think we have seen one.

16 MS. SMITH: Groundwater monitoring report?

17 CO-CHAIR BRENNAN: Right.

18 CO-CHAIR SULLIVAN: Well, we have gone through
19 a cycle.

20 Sara, do you know more about it?

1 MS. RAKER: I'm sorry?

2 CO-CHAIR SULLIVAN: Maybe you're more
3 up-to-date than me on the quarterly groundwater program.

4 I'm not sure what upcoming reports we have on
5 that.

6 That's a good question that I need to answer
7 for you. I don't know off the top of my head.

8 Now, the groundwater monitoring program,
9 though, isn't every quarter. I mean, we go through a
10 cycle of quarters, but we are not necessarily going to
11 continue monitoring every quarter for years and years.

12 We are trying to collect a year's worth of
13 groundwater data in quarters. At some point, we will
14 reach the end of that yearlong sampling, and then we may
15 not be sampling every quarter thereafter.

16 MS. SMITH: Why not?

17 CO-CHAIR SULLIVAN: Well, what we are trying to
18 do is collect enough quarterly samples in order to make
19 a remediation decision.

20 MS. SMITH: Okay.

1 CO-CHAIR SULLIVAN: And then depending on what
2 that decision is, we would either continue to monitor or
3 take no action, continue to monitor or plan some sort of
4 remedial action.

5 MS. SMITH: Why don't you check on that and
6 see? We may be beyond the information phase.

7 CO-CHAIR SULLIVAN: Yes, we could be, and
8 that's a good question.

9 MS. SMITH: I think we might be beyond that.

10 CO-CHAIR SULLIVAN: Okay. Anything else? If
11 not, thank you very much.

12 And we will see you at either the interim
13 meeting, the BCT meeting, or our next regular monthly
14 meeting.

15 (The meeting adjourned at 9:15 p.m.)

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