

08-21-12 TI RAB Final Transcript.txt

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

TREASURE ISLAND
RESTORATION ADVISORY BOARD

REPORTER'S TRANSCRIPT OF MEETING

August 21, 2012

191 Avenue of the Palms
Casa de la Vista, Building 271
Treasure Island, San Francisco, California

Reported by Christine M. Niccoli, RPR, C.S.R. No. 4569

NICCOLI REPORTING
619 Pilgrim Drive
Foster City, CA 94404-1707
(650) 573-9339

CERTIFIED SHORTHAND REPORTERS SERVING THE BAY AREA
ARBITRATION * DEPOSITION * HEARING * MEETING * TRIAL

1

A T T E N D E E S

FACILITATOR/RAB CHAIR:

JAMES B. SULLIVAN - United States Navy

6 RAB MEMBERS:

7 JOHN GEE

8 DALE SMITH

9 MARTHA WALTERS

10

11 CONSULTANTS, REGULATORS, U. S. NAVY:

12 JESSICA BECK - Tetra Tech EM Inc.

13 DAVID CLARK - United States Navy

14 PETE COUTTS - Shaw Environmental and
15 Infrastructure, Inc.

16 CHRISTINE DONAHUE - Shaw Environmental and
17 Infrastructure, Inc.

18 CHARLOTTE FADIPE - Department of Toxic Substances
19 Control (DTSC)

20 BRIAN HOLMGREN - Shaw Environmental and
21 Infrastructure, Inc.

22 DANIELLE JANDA - United States Navy

23 DENNIS COUTTS - Tetra Tech EM Inc.

24 ///

25 ///

2

1 CONSULTANTS, REGULATORS [Cont.]:

2

3 RADHIKA MAJHAIL - Department of Toxic Substances
4 Control (DTSC)

5 RYAN MIYA - Department of Toxic Substances Control
6 (DTSC)

7 DEBRA THEROUX - United States Navy

8 TOMMIE JEAN VALMASSY - Tetra Tech EM Inc.

9 MYRIAM ZECH - San Francisco Bay Regional Water
10 Quality Control Board

11
12
13
14
15
16
17
18
19
20
21
22
23
24
25

PUBLIC AUDIENCE:

- KATE AUSTIN - City and County of San Francisco
- ASHLEY BATES
- L. BRESTON
- HELENE BREWER - Resident
- ERICK BROWN - Catholic Charities CYO
- CHRIS - Resident
- BARBARA COHEN - Resident
- SEANNA CONLEY - Resident
- MARK CONNORS
- PI NA CORREA - Resident
- DANIEL HOROWITZ

///

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15

PUBLIC AUDIENCE [Cont.]:

- TRELEASE MILLER JONES
- VICKI JONES
- JEFF KLINE - Resident
- JEFF KOHLER - The John Stewart Company
- SHI BAI LI
- ROI LIVNE
- KATHRYN LUNDGREN - Resident
- LaJUANA McKINNON - Resident
- AMBER D. MONTANO
- CHRISTOPHER OHLAND - ALS Environmental
- MATT SMITH - Center of Investigative Reporting
- MICHAEL TYMOFF - City and County of San Francisco
- SCOTT WARNER - AMEC

- 16 ALICE WASHINGTON - Resident
- 17 MELANIE WILLIAMS - Resident
- 18 SHERRY WILLIAMS - Treasure Island Homeless
- 19 Development Initiative
- 20 MAXINE L. WILSON - Boys & Girls Clubs of San
- 21 Francisco
- 22 PAT ZAMORA - Boys & Girls Clubs of San Francisco
- 23 ---o0o---
- 24
- 25

4

1 TREASURE ISLAND, SAN FRANCISCO, CALIFORNIA
2 TUESDAY, AUGUST, 21, 2012, 7:03 P.M.
3 ---o0o---

4 MR. JAMES B. SULLIVAN: Okay. Well, welcome to
5 our -- welcome to our August Treasure Island Restoration
6 Advisory Board meeting. As you came in, I'm sure you
7 picked up handouts. I understand we may have run short
8 on some of the handouts. If you're -- you be sure to
9 sign in, then we can make sure that everyone has an
10 opportunity to get a copy of the handouts at a later
11 date.

12 We did make plenty of cop- -- plenty of copies
13 of the main presentations. So I believe there's still
14 some out in back. So we have got plenty of those.

15 The Restoration Advisory Board is the advisory
16 board to the Navy and the environmental cleanup program
17 at Treasure Island and Yerba Buena Island. The RAB has
18 been meeting regularly since 1994, even prior to the
19 base closing. This is Meeting No. 161.

20 The Board is made up of regulatory agencies --

21 the Navy, regulatory agency members, and members of the
22 public; and three of our community members of the RAB
23 are here tonight.

24 We're always looking for additional community
25 members to join the RAB. Right now we have -- only one

5

1 of our community members is a -- is a resident of the
2 islands. We're always looking for more. Everyone is
3 welcome to apply to be a member of the Restoration
4 Advisory Board. We should have some applications on the
5 front table there, and there is a copy of the
6 application on our -- on our Web site.

7 So we do encourage, you know, people who live
8 and work here on the island to consider joining the
9 Restoration Advisory Board. Of course, you're always
10 welcome to attend meetings, you know, whether or not
11 you're a member of the RAB. But we would like to -- you
12 know, we would like to encourage people to consider, you
13 know, being members of the RAB and -- and being more
14 involved in the -- in the cleanup program at TI and YBI.

15 So we have an agenda tonight. This is -- For
16 those of you who may not have been to meetings recently,
17 this is our typical agenda. We cover what's topical in
18 the -- over the two-month period on our cleanup and --
19 our investigation and cleanup program. One of the items
20 tonight is the draft Historical Radiological Assessment,
21 and I would imagine that that's why many people are here
22 tonight.

23 So I'd like to propose to the -- to the RAB
24 that we make an adjustment to the agenda for tonight and
25 move the presentation on the Historical Radiological

1 Assessment up to start the meeting with that. And then
2 following that presentation, then we'll follow the rest
3 of the meeting agenda to cover the other planned
4 topics.

5 So is there consensus among the community
6 members to do that?

7 MS. WALTERS: Sure.

8 MR. GEE: Yes.

9 MS. SMITH: After the public announcements --
10 public comments and announcements.

11 MR. SULLIVAN: Do public comment and
12 announcements --

13 MS. SMITH: -- and then start --

14 MR. SULLIVAN: -- first.

15 MS. SMITH: -- with the --

16 MR. SULLIVAN: Okay.

17 MS. SMITH: -- Historical Radiological
18 Assessment.

19 MR. SULLIVAN: We can do that, yeah.

20 MS. WALTERS: Great.

21 MR. SULLIVAN: Okay. So we'll make that
22 adjustment to the agenda.

23 And so the next item is "Public Comment and
24 Announcements," and we offer an oppor- -- we have set
25 aside a time in the agenda both at the beginning of the

1 meeting and again towards the end of the meeting for
2 anyone who may have any public comment or announcements
3 regarding the Navy's environmental cleanup program at
4 Treasure Island.

5 We will, you know, after the presentation,
6 after the technical memorandum presentation as well,
7 take any of your comments. So this is sort of a
8 preliminary public comment or announcement period, so --
9 that's normally short.

10 So I'll -- we'll open up the floor to any
11 public comment or announcements in general and then the
12 Navy's cleanup program.

13 (Pause; no response elicited.)

14 Well, I'll make one announcement. If -- for
15 those of you who may comment later in the meeting, if we
16 could please ask you when you do comment to identify
17 yourself by name, and you're welcome to, you know,
18 identify any, you know, other affiliation, you know,
19 particularly, you know, interested in, you know, here if
20 you're, you know, living on TI or YBI, but whatever you
21 feel comfortable with.

22 But for the purpose of documenting your
23 comment, if you could just please identify yourself by
24 name, you know, at the beginning of your comment.

25 So with that, we'll proceed then into the

8

1 presentation on the -- oh. And I wanted to introduce
2 the regulatory members -- I should have done that -- the
3 regulatory members here as well. Well, I didn't
4 introduce myself. I'm Jim Sullivan. I'm the Navy's
5 BRAC environmental coordinator for Navy -- for Former
6 Naval Station Treasure Island.

7 And the role of the BRAC environmental
8 coordinator is to -- by -- by name is to -- is to
9 coordinate the environmental investigation and cleanup

10 activities between our Navy staff, our Navy contractors,
11 and our regulatory agencies. And we meet regul - --
12 regularly with the regulatory agencies.

13 And with me here tonight is Deb Theroux, who is
14 our deputy manager for the naval st- -- Former Naval
15 Station Treasure Island and the former Hunters Point
16 Shipyard closure and transfer program.

17 And then from the regulatory agencies, we
18 have --

19 MS. MAJHAIL: -- Radhika Majhail. I'm the
20 public participation specialist with the Department of
21 Toxic Substances Control.

22 MR. MIYA: And my name is Ryan Miya. I am the
23 project manager -- acting project manager right now for
24 the Department of Toxic Substances Control, so State of
25 California.

9

1 MS. ZECH: Myriam Zech. I'm the project
2 manager for the Regional Water Quality Control Board.
3 We look at groundwater issues and . . .

4 MR. SULLIVAN: And, you know, one of the things
5 I just wanted to start off by saying is that -- is that,
6 you know, Treasure Island is a -- is a safe place to
7 live and work, and the Navy works in close coord- --
8 everything we do is in coordination with the regulatory
9 agencies and with the Treasure Island Development
10 Authority. And, you know, we're committed to the, you
11 know, protection of human health and the environment.

12 And I think those of you who've seen some of
13 the statements in some of the news articles, I think
14 those same sentiments have been echoed by the regulatory

15 agencies as well.

16 So --

17 I'm sorry. Question? Yes, ma'am.

18 MELANIE WILLIAMS: Ma'am, what's your name?

19 Debra?

20 MS. THEROUX: Yes.

21 MELANIE WILLIAMS: Yes. I used to stay on
22 Third, like this -- the -- what -- they cleaned up over
23 here, 'cause you said you's from Third, the shipyard.

24 MS. THEROUX: No. I -- I -- One of the other
25 installations that I help support is the Hunters Point

10

1 Shipyard.

2 MELANIE WILLIAMS: Oh, okay. So the question I
3 would like to ask, that same -- what they was doing over
4 on Third, is it like the same thing over here? Is it
5 like --? I just want to know, is it together? because
6 when I was over there, my daddy worked construction, and
7 I wanted to know is the same thing from Third is
8 happening on Treasure Island? It's like the same thing?

9 MS. THEROUX: The -- I guess depending on --
10 perhaps through the presentation that Dave is going to
11 do as far as the work, there is some similarities as far
12 as the Navy -- the cleanup efforts associated at the
13 former naval shipyard as well as here. As far as the
14 exact issues, I think there are definitely some
15 differences.

16 So I guess that would be a yes and a no to your
17 question there. But hopefully from the things that Dave
18 will present as well as more information that you can
19 get out of the RAB will help to answer your question.

20 MELANIE WILLIAMS: Okay. Thank you. Thank
21 you, ma'am.

22 MS. THEROUX: Sure.

23 MR. SULLIVAN: So let me introduce Dave Clark.
24 He's the -- he's the lead Navy project manager for -- on
25 the Treasure Island team, and he's also the project

11

1 manager for this particular report. So Dave will give a
2 presentation on the -- on the Draft Historical
3 Radiological Technical Memorandum.

4 MR. CLARK: All rightie.

5 So good evening, everyone.

6 AUDIENCE MEMBERS: Good evening.

7 MR. CLARK: Thank you, everyone, for coming. I
8 appreciate everyone taking time out of their evening to
9 come out.

10 My name's Dave Clark, work for the Navy. I'm
11 the lead remedial project manager for several bases:
12 Treasure Island, I also work on Novato, Point Molate,
13 and Crows Landing.

14 I work with Deb and Jim and other colleagues in
15 San Diego. We manage the environmental cleanup out of
16 San Diego. My responsibility is to help design, manage,
17 fund the environmental cleanup projects currently going
18 on at Treasure Island.

19 And just so I get a sense for who everyone is
20 in the audience, how many people actually live on
21 Treasure Island that are in the audience?

22 AUDIENCE MEMBERS: (Raising their hands)

23 MR. CLARK: Okay, a good turnout. I'm glad
24 you're here because this meeting is designed for people

25 living on Treasure Island, and it's good to see a good

12

1 turnout from the community. We want to get information
2 to you so that you can make an informed decision on
3 what's going on here.

4 So first of all, how many folks have been to a
5 Restoration Advisory Board meeting before? Is this your
6 first one?

7 AUDIENCE MEMBERS: (Raising their hands)

8 MR. CLARK: Okay. Good. We want to get you as
9 much information as possible.

10 The environmental restoration program is rather
11 complex. So what I want to do tonight is talk about one
12 specific document that is new -- it's been in the
13 news -- and also give you an opportunity to ask any
14 questions that you may have. If we can't answer them,
15 we'll obviously do our best to answer them in the future
16 and to get you additional information that you need.

17 There's a lot of information out there, and it
18 can be challenging to understand what we're talking
19 about. I'm an environmental engineer. I deal with it
20 every day. And it still can be challenging to
21 understand what we are talking about when you hear terms
22 like "impacted" or just, you know, "radium-226." What
23 does that mean?

24 So we're going to do our best to get you some
25 information, some fundamental information tonight,

13

1 starting with the presentation on a key document that
2 you've seen. It's called the Supplemental Historical

3 Radiological Assessment Update.

4 And it's -- it's basically an update to a
5 document that the Navy produced in 2006, the Historical
6 Radiological Assessment. It's an overview specifically
7 looking at radiological instances, impacts of ideas,
8 problems at Treasure Island. This document supplements
9 it.

10 And just to give you an idea about why this
11 started, this is a little background. The previous
12 comprehensive basewide evaluation was conducted 2006.
13 And plain and simple, it's been several years since that
14 report has been produced. A lot of things have happened
15 since then. A lot of remediation of the contamination
16 has taken place. A lot of materials have been removed.

17 Those of you that live here on the island,
18 you've seen the work that's been ongoing year after year
19 after year.

20 It provides us with a very comprehensive data
21 set. It's been growing year after year after year.
22 It's a challenge to pull it all together. And this
23 document takes a look at what we have learned over the
24 last few years from the remediation activities.

25 As a result, generally speaking, the nature and

14

1 extent of the contamination is better understood by us.
2 And I think one of the things we want to do tonight is
3 to have you better understand what that extent is. This
4 document summarizes a lot of different areas that may
5 have new information supporting them, and that's what we
6 want to explain to you a little bit tonight.

7 Another catalyst why this document was created

8 is because the State of California, the regulatory
9 agencies overseeing the Navy's environmental cleanup
10 process, they had concerns. They said: We have
11 development talks that are -- that are active. We want
12 to reevaluate the radiological issues at Treasure Island
13 to make sure that we have a confident data set to
14 present to the public and say we're confident that the
15 property that we're transferring does not have any
16 issues.

17 And then last, but not least, new historical
18 lines of evidence are available. There's a reason why
19 some of this new information comes up.

20 For example, information that years ago was in
21 the national archive that was not available because it
22 was classified and it's now unclassified, we took a look
23 at those lines of evidence.

24 The purpose of the document, the fundamental
25 purpose why we're doing this, really is driven by the

15

1 regulatory questions and the fact that property transfer
2 is coming up in the near future.

3 The basic question is, What property is
4 suitable for transfer in the planned transfer? Some of
5 the dates for that transfer are as soon as 2013. So the
6 question is, What property can be transferred? What
7 other property needs to be evaluated further? So that's
8 one of the key -- the key purposes of this document.

9 So we're going to identify areas that we need
10 to further evaluate for two reasons: Either we have new
11 site history that was not previously identified in 2006,
12 or there's known contamination that was detected during

13 previous surveys.

14 Now, here is an important thing I want everyone
15 to walk away with tonight is the definition of the term
16 "impacted." It doesn't mean contaminated. It's just
17 one of those things that the technical jargon can
18 confuse folks. Dealing with the radiological world,
19 there's lots of terminology that does not always make
20 total sense.

21 In the case of the term "impacted," two things
22 can drive why you have an impacted site. Number one,
23 you have the potential for contamination. It doesn't
24 need to be contaminated. You have the potential based
25 upon historical evidence saying that something could

16

1 have happened there or a documentation that's saying
2 something was stored at a certain location.

3 You don't need to have actual evidence that
4 something's contaminated to call it "impacted," and I
5 think that's -- that's a very important key to keep in
6 mind as we go through some of the sites that were deemed
7 impacted in the updated Historical Radiological
8 Assessment.

9 After things are impacted, further
10 investigation will continue. That's the other key. All
11 of these sites that are deemed newly impacted will have
12 additional characterization and investigation on them.
13 All of them. And that will be ongoing until we get what
14 we can call "free release," which basically means is
15 acceptable for some sort of unrestricted use.

16 The process for developing the radiol - --
17 Historical Radiological Assessment's -- it's pretty

18 straightforward. It's a lot of research, a lot of time
19 spent in the National Archives, other buildings at
20 Treasure Island that contain historical records for
21 Treasure Island.

22 The Navy Radiological Affairs Support Office,
23 also known as RASO, they're headquartered in Yorktown,
24 Virginia. They're really one of the Navy's technical
25 experts on all radiological issues for the Navy. We go

17

1 to them. Everything is conducted in concert with them.
2 They also have information from training exercises.
3 They audit the Navy. They audit the open site bases as
4 well as the closed bases.

5 And another thing as far as the process, a lot
6 of different stakeholders involved in the entire
7 environmental restoration program. You have RASO, the
8 California Department of Toxic Substances Control, the
9 California Department of Public Health. Federal EPA
10 also looks at what we're doing. The Regional Water
11 Control Board as well provides oversight.

12 We also have input from municipal groups, such
13 as the Treasure Island Development Authority, the City
14 of San Francisco, and also the Restoration Advisory
15 Board. So we try and make sure everyone possible has
16 the information they need so they know what's going on
17 and that we can make an informed decision together.

18 Here's the HRA supplemental tech memo boiled
19 down. And I will mention that the memo, as well as the
20 original 2006 document, will be available on the Web
21 site. So if you want to take a look at the document in
22 its entirety, it will be on the Web site soon. The 2006

23 document already is.

24 The new -- the new 2012 document, the draft
25 version, will be on the Web site as soon as we can.

18

1 Hopefully, we can get it up there by the end of the
2 week.

3 So another thing, you have your presentations.

4 This is how we basically boil it down. This --

5 MS. SMITH: Hey, Dave, just a sec.

6 MR. CLARK: Yes.

7 MS. SMITH: You're not putting it on

8 EnviroStor. Where is this Web site? What is this Web
9 site that's going to have --

10 MR. CLARK: Exactly, and I --

11 MS. SMITH: -- draft document?

12 MR. SULLIVAN: This is the --

13 MR. CLARK: The BRAC PMO Web site.

14 MS. SMITH: Do you have it --? Is it in --?

15 Is it in the presentation that's --?

16 MR. CLARK: It should be -- The BRAC PMO Web
17 site should be on --

18 MR. SULLIVAN: Yeah. The Navy --

19 MR. CLARK: -- the --

20 MR. SULLIVAN: The address of our Navy BRAC Web
21 site is on the -- is on the back of the agenda.

22 MS. SMITH: Okay.

23 MR. SULLIVAN: We put it on the back of all the
24 agendas.

25 MS. SMITH: So people can go to the -- the

19

1 bracpmo.navy.mil and click on "Treasure Island" and then
Page 16

2 find --

3 MR. CLARK: Correct, correct.

4 MS. SMITH: -- the draft under that --

5 MR. CLARK: Exactly.

6 MS. SMITH: -- long list?

7 MR. CLARK: Exactly. And again, you'll get the
8 2006 document immediately. The 2012 document, the draft
9 document, we hope to have it up by the end of the week.

10 The first fold is very important. This really
11 goes back to the fundamental definition of "impacted,"
12 which is you have the potential or you actually have
13 evidence of contamination.

14 You've heard reports that seven new sites have
15 been discovered at Treasure Island. None of those sites
16 has any evidence that there's new contamination
17 associated with those areas. It's a fact that there's
18 that potential based upon historical documentation,
19 something that we found during our research.

20 The USS Pandemonium --

21 MS. ZECH: David.

22 MR. CLARK: Yes.

23 MS. ZECH: He had a question.

24 MR. CLARK: Yes.

25 CHRIS: It is not just a question of new sites.

20

1 Isn't the question of the intensity that was brought in
2 recent news articles about how intense that exposure was
3 on the sites that already existed? I think that was the
4 big issue that was a bit surprising.

5 MR. CLARK: In -- in the ar- -- the --? Okay.

6 CHRIS: Yeah.

7 MR. CLARK: So I think the question was --
8 And could you please state your name for --

9 CHRIS: My name is Chris.

10 MR. CLARK: Okay.

11 So I think the question was, there was a
12 question about intensity of new contamination.

13 CHRIS: No. Intensity of old contamination.

14 MR. CLARK: Of --

15 CHRISTOPHER OHLAND: It's underreported.

16 MR. CLARK: Old contamination underreported.
17 Okay.

18 And without getting into the specifics of what
19 the article said, basically, we don't think that there
20 is any new mass contamination found.

21 That may not be an accurate statement.

22 MR. MIYA: Dave, just quickly, a quick
23 announcement: The EnviroStor database that she was
24 referring to, we will post this draft supplemental
25 document as well on that location, but it will be -- it

21

1 will be tomorrow that we'll do that just so that there's
2 an additional location that can also be -- you can
3 obtain the document as well.

4 MS. SMITH: Can you state the --

5 MS. MAJHAIL: Yes.

6 MS. SMITH: -- Web address?

7 MS. MAJHAIL: We can. And it's actually --

8 MS. SMITH: No. Now.

9 MS. MAJHAIL: Now?

10 MS. SMITH: Ryan, just say www . . .

11 MR. MIYA: www.dtsc.ca.gov is our general Web

12 site. And then on the right side of the page -- I
13 apologize 'cause we always -- but there's -- on our Web
14 site, there is a link on the right-hand side of the page
15 that says "EnviroStor," and then you can look up by
16 city.

17 So if you type in "San Francisco," we will post
18 it on -- there's a Naval Station Treasure Island site
19 within EnviroStor, and we will post it in that
20 location.

21 But what I can do is I can also provide that
22 exact link to the Navy as well, and they can transmit it
23 once it's up, which should be -- should be tomorrow as
24 well, so just as another option for you folks to have
25 that information available to you.

22

1 MS. MAJHAIL: We'll have it. I mean --

2 MR. CLARK: And -- yeah.

3 MELANIE WILLIAMS: Okay. Thank you, sir.

4 My thing, I been on Treasure Island since
5 1999. All this stuff is coming up about 'tami nation,
6 kang dead [phonetic]. You know, and like he, it's
7 confusing, because my kids was born on Treasure Island
8 too. And then my thing is, this is our beautiful
9 community, and we needs to know.

10 I know that you-all working hard. We getting
11 everything together, and everybody -- and somebody
12 dead. Some -- My -- 'cause my daddy worked over at the
13 shi pyard. He's not here today. He passed away.

14 So my thing is, I been here this long. All
15 this stuff is going on, radi ation; some people sayi ng
16 'tami nati on. I'm not no sci entechni ci an [phonetic].

17 But I have been to the hospital. My kids have too.

18 This is a beautiful island. I just wish I can
19 get the work done and get this together, because my
20 thing here -- and I think other people -- is, it seemed
21 like every time something supposed to go on on Treasure
22 Island, something coming up. And it's holding us up for
23 we could have a beautiful and everything fixed
24 together.

25 And I feel as a community activist, sits on

23

1 boards, been here so long, my kids been born, people
2 health, my daddy work at the shipyard. He passed away,
3 and he's not here to represent me; but I'm here to stand
4 for people in our community to find out what's really
5 going on.

6 And I don't go onto the E-mail. So you --
7 James, he always E- -- He always get you paper, and I
8 appreciate that, James, because every time you mail out
9 something, I get it.

10 But it's just like what went on the other day
11 about all this is just like, you know, even my son, he
12 was born here, came out on Treasure Island. He's 12
13 now. And he's going, Mommy, what's going on? You know,
14 and I don't want him to be, like, scared for his
15 community.

16 I want this stuff to get together for we can
17 better live on our community and get this stuff going
18 for it can be more better, you know.

19 And I appreciate you saying the Web sites, but
20 I need stuff mailed to me and, you know, because all
21 that computer stuff I'm not -- you know, is just too

22 much.

23 And I appreciate Debra over here because I
24 remember the shipyard, and I remember how people was
25 over there working and getting everything together. You

24

1 know, the 49ers, they moved somewhere else. We just
2 need to maybe get this together for it won't be too much
3 confusion, you know, and for our health and our kids we
4 can move on so we can have a beautiful island, you
5 know.

6 So I'm sitting up here speaking for some people
7 that can't even show up today.

8 MR. CLARK: And I appreciate that. And just to
9 recognize that, so there's two issues. It's a complex
10 issue. All these technical terms, lot of information,
11 hard to digest for you, and I get that.

12 And number two, just a fundamental concern
13 about human health.

14 MELANIE WILLIAMS: Thank you.

15 MR. CLARK: Fundamental concern.

16 MELANIE WILLIAMS: Yes.

17 MR. CLARK: And we'll just say that we will do
18 whatever it takes to get the public information that you
19 need so that you feel comfortable with our statements,
20 the joint statements by the regulatory agencies that
21 there's no risk to human health or the environment at
22 Treasure Island.

23 MELANIE WILLIAMS: Thank you.

24 MR. CLARK: So that's our commitment to do our
25 best to get whatever you need so that you can make that

25

1 informed decision.

2 SEANNA CONLEY: Hi. My name is Seanna. And
3 first of all, I just have two things. I want to know
4 why did the Navy decide to test by the Boys & Girls
5 Club, which is a major issue and concern for me,
6 especially being that I'm seeing people out there in
7 these hazardous suits and all these kids is over here
8 playing. I mean, it's like: Come on now. If you're
9 going to do it on the kids, could you have taken it
10 somewhere else? The island is just like extremely big.
11 Why do we have to put it where the children are?

12 And then you say for safety, you know, the --
13 the health concern, I want to know, Do you have any --?
14 Are you sure that is not toxic to humans on Treasure
15 Island? because I do a lot of talking to a lot of people
16 in the community. And for me myself, I been here for a
17 pretty, pretty long time, and I know I had never had
18 a -- some major outbreaks like I have had since I been
19 on this island.

20 Now, I have broken out to boils, good lord.
21 And I was talking to somebody else on the bus today who
22 never knew that I had boils and came they breaking out
23 with major boils. And my own primary doctor is like,
24 Where is this coming from?

25 So I'm steady taking antibiotics, antibiotics;

26

1 and I've had to go to my case manager 'cause my arms is
2 like this, and I can't move. So I seem that I saying
3 that it could be in water or -- and then I bring the
4 concern 'cause when I turn my pipes on, sometimes my

5 water may come out red. And my water is being used on a
6 daily, so there's no reason why they should come out
7 rust, but they are coming out red.

8 And my housing manager can't do anything about
9 it because that's under the ground. So they can't call
10 anybody in here to pull up. So I -- now I do kind of
11 like have a concern because we're talking about my
12 health, you see.

13 MR. CLARK: Sure.

14 SEANNA CONLEY: I already have a
15 life-threatening illness. I don't need nothing else.
16 So I am -- I was sitting here trying to be like kind of
17 cool, and I'm telling Erick, I'm kind of getting edgy.
18 I'm getting edgy. But I really just came here to find
19 out --

20 MR. CLARK: Sure.

21 SEANNA CONLEY: -- am I in danger? Am I in
22 danger? Because if I'm in danger, I need to know. I
23 don't really want to go around sugar-coating. I need to
24 know, Am I going to live, or is my doctor going to have
25 to give me more pills on top of what I'm already taking?

27

1 MR. CLARK: So I hear two issues: Number one,
2 what's going on next to the Boys & Girls Club at what
3 we're calling Site 31?

4 Number two, again, a general human health
5 issue.

6 SEANNA CONLEY: Okay.

7 MR. CLARK: And again, we will do whatever it
8 takes to give you the information, joint concurred
9 information, that supports my statement saying there is

10 no human health risks to residents or anyone at the Boys
11 & Girls Club. And that's backed up not just by --

12 ASHLEY BATES: How can you say there's no human
13 health risk when high-level rad-226 has been shipped off
14 this island?

15 MR. CLARK: Pardon me. Let me --

16 ASHLEY BATES: That's a major health risk.

17 MR. CLARK: If I may just --

18 SEANNA CONLEY: That's what I read in the paper
19 too.

20 ASHLEY BATES: And --

21 MR. CLARK: -- finish my answer to --

22 ASHLEY BATES: -- how far were those shipments
23 from where people are living?

24 That is -- that is the question. I think
25 that's the question most people want to know. They

28

1 don't want to know about the new sites. They want to
2 know how dangerous it is. And rad-226 is really
3 dangerous.

4 MR. CLARK: Correct.

5 SEANNA CONLEY: That's what we read in the
6 paper.

7 MR. CLARK: And I will get to your question as
8 soon as I finish my statement regarding human health.

9 Again, we will get you the information that you
10 need to make your informed decision.

11 There is no evidence to support that there's
12 any human health risks on Treasure Island to any of the
13 residents --

14 SEANNA CONLEY: So --

15 MR. CLARK: -- or anyone there.
16 SEANNA CONLEY: -- if everybody come up to you
17 and everybody is suffering these major -- 'cause I've
18 known -- and I can't put names out there, but I know
19 children that have gotten sick since they have been on
20 this island. I know adult that are getting sick. I
21 know a man that had to have both his legs amputated
22 because his dog was coming in and the dirt was carrying
23 it. They cut both that man legs off.
24 So me, I'm kind of like, Oh, well, you know, it
25 could be just that individual, or I'm always kind of

29

1 like weighing it out, like maybe it's just you and your
2 way of living.

3 And now I'm starting to kind of like believe my
4 friend. Maybe like, oh, Seanna, Seanna, what do you
5 think about island? And I'm like, Oh, the island is
6 cool because the Navy was here, and it wouldn't have
7 been. They would help. Now I'm hearing all this other
8 stuff. So it's making me kind of like look back on,
9 like, man, is the Navy --

10 MR. CLARK: Sure.

11 SEANNA CONLEY: -- withholding some
12 information?

13 MR. CLARK: So --

14 SEANNA CONLEY: And right, what she said in the
15 newspaper I read and half of San Francisco read. And
16 that's what we want to know about. What was in that
17 paper? That 226 or whatever the case may be. That's
18 the concern.

19 MR. CLARK: Correct.

20 SEANNA CONLEY: Are we safe?
21 And you keep saying that you going to get us
22 information with you -- but do you even got it?
23 How are you --? You said -- You're
24 sugar-coating it.
25 MR. CLARK: We will -- The information is out

30

1 there, and we will make sure that it's available to
2 everyone as well. So we will take -- we'll do our best
3 to get all the information regarding those specific
4 matters back to you.

5 But the statement still holds: There is no
6 human health risk to anyone on Treasure Island.

7 And so now we'll go to -- could you please
8 state your name again.

9 ASHLEY BATES: My name?

10 MR. CLARK: Yeah.

11 ASHLEY BATES: My name is Ashley Bates. I'm a
12 journalist working on an article for the EAST BAY
13 EXPRESS.

14 And my question -- I have two questions: One's
15 for you, and one is for Mr. Sullivan. Is he giving a
16 presentation later or . . . ?

17 MR. SULLIVAN: On different topics.

18 ASHLEY BATES: Okay. So my question is, number
19 one, the high level of radioactive material that was
20 taken off Treasure Island, how far was it from where
21 people live?

22 And my second question, Mr. Sullivan, five
23 years ago you presigned waste manifests from North Point
24 and Bayside, saying that the shipments contained only

25 lead and PCB despite the fact that they actually

31

1 contained radioactive material. Why did you do that?

2 MR. CLARK: Okay. So for those specific
3 comments, we will get back to you. We want to get you
4 the correct information. So we will take that as an
5 action item and get back to you with specific answers --

6 ASHLEY BATES: My question that you --

7 MR. CLARK: -- to that.

8 ASHLEY BATES: -- my starting of the answer to
9 is, How far was that high-level radioactive material
10 from where people live?

11 MR. CLARK: And I'll get you a specific answer
12 to that question.

13 ASHLEY BATES: I think the people in this room
14 would like to know the answer to that question.

15 SEANNA CONLEY: You keep -- you keep -- you
16 keep -- you keep going over. You sugar-coating. You
17 owe us this.

18 ASHLEY BATES: High-level radioactive material,
19 how far was it from where people live?

20 MR. CLARK: Again, we will get you a specific
21 answer to it. We do want to prevent any misleading --

22 MS. THEROUX: If I may --

23 MR. CLARK: -- information.

24 MS. THEROUX: If I may -- I'm sorry, Dave.

25 And you guys have a lot of good questions,

32

1 valid questions. But part of what we are trying to do
2 here, the presentation to provide the summary of the
3 draft findings from this report was always scheduled to

4 be presented today by the Navy as well as with the --
5 with the agencies.

6 What we'd like to be able to do if Dave could
7 get through a little bit more is to try and provide a
8 little bit more context based on if this draft report
9 coming out was the basis for the news article that came
10 out, we are not in agreement with everything that was
11 said in that news article.

12 We have got our state regulatory agencies that
13 provide the oversight for all of the work that the
14 Navy's been doing on this island to date, years and
15 years.

16 So there -- you're going to have questions,
17 technical questions, and safety questions absolutely as
18 far as what's going on the island.

19 We don't know whether the issues that the gal
20 brought up are directly related to this. We don't think
21 so because we have got oversight by our regulatory
22 agencies that if there was an immediate risk to human --

23 ASHLEY BATES: Excuse me. High-level radium --

24 MS. THEROUX: Excuse me.

25 ASHLEY BATES: -- is involving this meeting.

33

1 MS. THEROUX: Excuse me. So for the sake of
2 everyone who did come to try and get some information
3 and some clarity, please give us an opportunity to get
4 through this presentation to hopefully give you some of
5 that information.

6 MR. CHRIS X: Twelve years. Come on.

7 MS. THEROUX: Okay. And we'll try and get and
8 address the questions that we can answer tonight. Those

9 that we can't, as David said, we promise we will get
10 back to you as quickly as we can.

11 If there is a need for more detailed technical
12 public meeting to talk about the radiological program as
13 a whole and historical efforts that have been done to
14 date, then we'll have that for you. We can -- we can
15 set that up as soon as possible.

16 But as far as tonight, the whole purpose and
17 what we're prepared for is to provide the summary of
18 findings of what we have to date.

19 This document is still -- although it's been
20 prepared in coordination with the regulatory agencies,
21 they are still looking at it and reviewing it right
22 now. And if there's other comments and things that you
23 would like to see be addressed, then we want that
24 information as well.

25 We're not done. We're not making any

34

1 conclusions. But as -- what you'll -- what you'll hear
2 Dave be able to show you is that there's nothing that we
3 have found to date that says that there's a risk to
4 human health and the environment.

5 And I know you're going to have a lot of
6 questions. We're not going to be able to answer all of
7 them. We want to know what they are; but you -- if you
8 can give him an opportunity to try and get through the
9 presentation, that maybe might help address some of your
10 questions that you have. If we haven't addressed them
11 by the time he gets done, then absolutely.

12 MR. CHRIS X: Will you answer her question?

13 MS. THEROUX: We ca- -- We don't have that
Page 29

14 information.

15 MR. CHRIS X: Estimate. The island is not that
16 big.

17 MS. THEROUX: We don't have that information
18 available tonight.

19 MR. CLARK: To be perfectly honest, I don't
20 know specifically what areas she's talking about.

21 ASHLEY BATES: I'm talking about the three
22 shipments of high-level radioactive material that have
23 gone off this island. Where did they come from on the
24 island?

25 MR. CLARK: I could generally estimate where

35

1 they are coming from. The solid waste disposal areas.

2 MS. THEROUX: But we don't ha- -- we don't have
3 the information in order to answer that question, and it
4 would be unfair --

5 MR. CHRIS X: So --

6 MS. THEROUX: -- for those who have raised
7 their hand --

8 MR. CHRIS X: We're all going to go home
9 tonight; and when we go to places that we don't know how
10 much -- if there's radioactivity there. So most of you
11 probably aren't in places like that. So if we are a
12 little bit concerned, I hope you bear with us.

13 MS. THEROUX: Absolutely.

14 MR. CHRIS X: You know, we've only been here
15 for 12 years, and now we're finding out things that
16 we're not sure we knew, and we were hoping tonight that
17 we might hear from you something that would restore in
18 us a sense of confidence that somebody's on top of this,

19 they have been on top of this, and they will be on top
20 of this. But as the facts come out in these articles,
21 I'm not feeling that way.

22 MS. THEROUX: I guess your -- Your goal is our
23 goal as well, to be able to have you walk away from this
24 meeting tonight with some more information that
25 hopefully alleviates some of those concerns.

36

1 The -- Where we differ is what's factual and
2 what's not as presented in those articles. And that's
3 what we want to -- If we can't address all of those
4 concerns absolutely tonight, then we're committed to try
5 and setting up a situation -- because the RAB is in
6 general not a public meeting, but we can set up the
7 availability to try and address some of those concerns
8 that you have.

9 And there absolutely will be questions that we
10 won't be able to answer tonight for you, but we would
11 like to.

12 And you've been very patient with keeping your
13 hand up over the last . . .

14 MR. CLARK: Yeah.

15 BARBARA COHEN: I think my question is germane
16 to the discussion. My question specifically is, Having
17 looked at the many articles on the -- in there -- I'm
18 sorry. My name is Barbara.

19 And there was reference to the report having
20 been accessed or made available to people who have
21 looked at the article and made those comments.

22 My question specifically is, Is the
23 availability of the document that you say will be

24 available tomorrow, is that document the same document
25 that was made available to the writers of the various

37

1 news articles?

2 MR. CLARK: Yes.

3 BARBARA COHEN: And how did they access it?

4 MR. CLARK: Yes, it's the same document. It's
5 the same draft document that was submitted to the
6 regulatory agencies as well as to members of the
7 Restoration Advisory Board. How it got to them, we
8 actually don't know. We just don't know.

9 BARBARA COHEN: And my final point is, since
10 there seems to be a series of questions that you don't
11 have the answers to; and since there is a court reporter
12 who will accurately record the questions, can we ask of
13 you that you prepare answers to those questions and have
14 those questions made available to us either as soon as
15 possible or certainly at the meeting that you have just
16 said you are willing to have?

17 MR. CLARK: Definitely. Definitely.

18 ASHLEY BATES: And as to --

19 BARBARA COHEN: So the first question --

20 ASHLEY BATES: -- my two questions, I would
21 happy --

22 MR. CLARK: Exactly.

23 ASHLEY BATES: -- on the record.

24 MR. CLARK: Exactly.

25 BARBARA COHEN: I yield to you to finish your

38

1 report.

2 MR. CLARK: Thank you. We will -- It's our
3 commitment to answer every question you have in order to
4 give a complete and accurate answer as soon as
5 possible. We want to take all your concerns. We may
6 not be able to answer them tonight, as Deb said. And we
7 will as soon as possible get back to you with the
8 answers to everyone. We just don't want to provide
9 misinformation on top of potential already
10 misinformation that's out there. That's it.

11 Yes.

12 VICKI JONES: My name is Vicki, and to --

13 MS. ATTENDEE: Speak louder.

14 VICKI JONES: -- copy on what she said.

15 I don't remember your name. I'm sorry.

16 You know, you guys say you don't know where the
17 hazardous material was driven through, but then a lot of
18 times those trucks left this island and they weren't
19 covered. So who's to say that material was not
20 airborne? That's number one.

21 Then to copy on what Seanna said as far as,
22 like, the harmful effects that's here on this island,
23 you say it's not harmful. That's not true. I don't
24 believe nothing you say. And I have to say it like
25 that, and I don't mean no disrespect.

39

1 But the thing is, you look at the kids over
2 there that play in that area, it's funny, my baby broke
3 out in bumps, okay. She run around the house, a braid
4 just fell out. What -- You telling me ain't nothing
5 wrong?

6 MELANIE WILLIAMS: Tell it true.

7 VICKI JONES: -- don't dig in the backyard, but
8 ain't nothing wrong?

9 MR. CLARK: You're not the only one that's
10 asked those questions.

11 VICKI JONES: It's not a question. It's a
12 statement. Okay?

13 And then the other part -- I mean, I have
14 asthma, true enough. These people that live on this
15 island, they never had asthma a day in their life, but
16 they got it now.

17 MELANIE WILLIAMS: Okay, okay, okay, okay.
18 Tell the truth.

19 VICKI JONES: I got a rash on my back. Where
20 did it come from? The lawn? From the water. Okay?

21 MS. ATTENDEE: It stinks.

22 VICKI JONES: So water stinks. I'm not done.
23 Okay?

24 MS. ATTENDEE: Stinks.

25 VICKI JONES: Okay? There's -- The neighbor

40

1 brought some brown water over to the house yesterday.
2 Where did that come from?

3 MR. ATTENDEE: It was green in my house last
4 night.

5 VICKI JONES: You see what I mean? Or better
6 yet, I got home --

7 MS. ATTENDEE: Burning, eyes and everything.

8 VICKI JONES: My co-worker who lived over there
9 ain't never been sick a day in her life, but she dead
10 now.

11 MELANIE WILLIAMS: Tell it.

12 SEANNA CONLEY: But you-all don't know where it
13 come from.

14 VICKI JONES: But you-all don't know where it
15 come from. That's the part that gets me. It's kind of
16 like you move -- you let us move out here to what? To
17 harm us because of what?

18 But nobody has an answer, huh. Well, we're not
19 supposed to get excited about our health or our kids or
20 even the neighbors' kids. How is that fair to us?

21 But nobody has an answer, huh.

22 MS. THEROUX: Well, we're certainly -- we're
23 not -- we're absolutely not saying --

24 VICKI JONES: Back to me later?

25 MS. THEROUX: As I said before, we're

41

1 absolutely not saying that you shouldn't be passionate
2 or concerned. But we want to -- our goal is to try and
3 give you the information in the context in coordination
4 with our regulatory partners here to help delve through
5 what's fact and what's fiction and what -- what's
6 getting blown out of -- possibly blown out of
7 proportion. But --

8 (Simultaneous colloquy.)

9 MS. THEROUX: But -- and it's not. I think --
10 and one of the things I think to most effectively to
11 help try and get through the presentation that may give
12 a little more context, but to follow up on the
13 suggestion to have the court reporter log the specific
14 questions is that we can make her available so that --
15 kind of after the presentations if you have questions
16 relative to what -- to what's being presented here,

17 absolutely. Ask, raise your hand.

18 VICKI JONES: But then --

19 MS. THEROUX: But as far as all of those other
20 things that we -- that we don't -- that we can't address
21 for you tonight to meet with her and definitely write
22 them down.

23 VICKI JONES: But if it wasn't in the paper,
24 would you guys have told us?

25 MS. THEROUX: This --

42

1 MELANIE WILLIAMS: Got it.

2 VICKI JONES: It wasn't --

3 MELANIE WILLIAMS: Got it.

4 VICKI JONES: -- made public --

5 MELANIE WILLIAMS: Got it.

6 VICKI JONES: -- that you guys ma- -- guys have
7 told us.

8 MELANIE WILLIAMS: Got it.

9 MS. THEROUX: The presentation to present -- or
10 the topic to present the -- the findings of this draft
11 report has -- was on the agenda tonight.

12 VICKI JONES: Well, how come you guys didn't
13 tell us way back when?

14 Why didn't you tell us about the shipments
15 that's buried whatever the hell it is on this island?
16 Why you guys --? I read about this right here. He got
17 it right here --

18 MS. THEROUX: Right.

19 VICKI JONES: -- okay? I can read.

20 But the thing -- I mean, I pulled it up on the
21 Internet last night. But why you guys didn't tell us

22 then? Why you didn't tell us that it was full of
23 radioactivity or the green glow buttons that's on the
24 ship that I read about? Okay, come on now.

25 MS. THEROUX: There's been a lot of

43

1 information. The RAB has been meeting. The Navy has
2 been providing information out for a long time.

3 Now, while you may not have received that,
4 we're going to be trying to address it. If there's
5 other ways to get the information out to you, we're here
6 to see -- to receive that and hear that as well.

7 SEANNA CONLEY: I just need to say, you guys,
8 that it sounds to me -- and I'm -- I used to work for
9 the child welfare department up on 3801 Third Street in
10 the Bayview, and I had a lot of families come through
11 there sick from being up by that shipyard.

12 And what I'm hearing tonight is basically the
13 same B.S. that they got when they had to deal -- when
14 you guys had to deal with it over there. You do
15 understand what I'm saying?

16 So with the knowledge of, you guys already know
17 how it's going down, and you already know what you dealt
18 with on Third Street, and now you dealing with it here
19 on Treasure Island. So my thing is, you would already
20 come to this meeting with the prepared answers for the
21 tenant because you've already dealt with this on Third
22 Street.

23 See, I was a part of that one over there too,
24 and I seen the women coming through there, and their
25 baby's sick. We had to take them babies and all this

44

1 and that and the women sick to where they couldn't care
2 for their kid, and they fight of going to the CPS.

3 So I'm already fully aware of what happened on
4 Third Street and you -- and the meetings that you guys
5 did, meeting after meeting after meeting after meeting.
6 And I'm just not want one of them people that just going
7 to say we should go meeting after meeting after meeting
8 because it's out there. It's in the public eye. You
9 said the same documentation, the same documentation that
10 the reporter's got to actually write the paper.

11 So why you guys didn't come? because you know
12 we already came for answers.

13 I mean, to me, is it just a waste of time? We
14 came for the answers, not for "I'm going to get back to
15 you later."

16 So I suggest personally I need to do like my
17 friend did, just leave, and when you get the answers,
18 come, because I didn't really come to sit to give or you
19 have to talk to. I came for answers, and it's like you
20 guys don't have them for us.

21 We go to these meetings with Mr. Sullivan. He
22 comes to our community meeting. They come and they
23 explain. I mean, you guys have this big old meeting,
24 but yet you still don't have nothing for us. And I
25 think that this is why we as the public is starting to

1 get a little frustrated.

2 You guys had a meeting scheduled on Saturday.
3 That was on the news. Saturday morning all this was on
4 the news. And if I'm correct, I believe there was
5 supposed to set a meeting or something that had been

6 cancel ed.

7 MR. SULLIVAN: No.

8 SEANNA CONLEY: We got E-mails saying that
9 there was a meeting.

10 MS. ATTENDEE: I don't think there was a --
11 (Simul taneous colloquy.)

12 SEANNA CONLEY: Okay. Well, I still need -- I
13 like answers, guys, and it's not just -- it's just
14 because you're looking at "We'll get back to you later."
15 That's pacifying the event. You knew that we wanted
16 answers. You knew we read the article. And now we got
17 this big old setup to like you guys are really concerned
18 for us, but yet nobody have a answer for anything that
19 we ask. Everything is, "We'll get back to you."

20 MS. THEROUX: I hear you. And because this was
21 a set agenda to talk about the summary -- the draft
22 summary of findings, this project as well as the several
23 other ones that were on the agenda, that is what we came
24 prepared for.

25 I would hope that you would choose to stay and

46

1 hear -- hear the -- the presentation. Maybe it might
2 answer some of your questions. Maybe it won't. But if
3 it doesn't, to absolutely ensure that we get all of the
4 questions, 'cause some que- -- some new questions are
5 coming, some that, you know, weren't -- weren't brought
6 up.

7 But we are committed. I know that that's not
8 the answer that you want to hear. Some that we can
9 answer tonight, and some that we won't. But we want to
10 know what your questions and concerns are, absolutely.

11 I would hope that you would choose to stay to hear some
12 of the findings.

13 ASHLEY BATES: I have one more question that's
14 not --

15 MS. THEROUX: Hold on.

16 ASHLEY BATES: -- mine.

17 MS. THEROUX: Excuse me. The --

18 ASHLEY BATES: Okay.

19 MS. THEROUX: -- woman back there had her hand
20 up.

21 MAXINE WILSON: So my name's Maxine. I'm with
22 the Boys & Girls Club.

23 And so our kids are affected in the environment
24 and everything. So --

25 THE COURT REPORTER: I can't hear you.

47

1 MR. CLARK: Maxine, Boys & Girls Club.

2 MAXINE WILSON: I want to know about will we
3 hear later about what the vapor process is? Do we
4 monitor it? Should we cover stuff? Should we keep the
5 kids inside? And when will we hear about all that? Is
6 that part of the business?

7 MR. CLARK: I'll touch briefly on the adjacent
8 site, yes. And I can give you a general overview.

9 MAXINE WILSON: And if I can have a direct
10 contact.

11 MR. CLARK: Sure.

12 MAXINE WILSON: I would like to have one.

13 MR. SULLIVAN: And actually, as part of the --
14 as part of the regular meet -- the regular meeting
15 agenda, we have a field activities update that includes

16 an update on all of the active field work, including
17 Site 31, the one that you asked about. That is a
18 regular part of our meeting.

19 BARBARA COHEN: I think if you don't have
20 answers to -- on your general finding, if you go jump
21 down to where you have "two areas involved with current
22 remediation efforts warrant further investigation," when
23 you get to that, know that I'm going to ask you what are
24 those two areas?

25 MR. CLARK: Sure.

48

1 BARBARA COHEN: And I would certainly hope you
2 would know that.

3 MR. CLARK: Definitely.

4 BARBARA COHEN: And the next one is "other
5 findings." So I would hope that you would be able to
6 cite for us some of the other findings. And this is
7 consistent with being prepared for the presentation --

8 MR. CLARK: Correct.

9 BARBARA COHEN: -- that you were trying to
10 make.

11 MR. CLARK: Yes. Unfortunately, there are some
12 questions that I can't answer tonight.

13 BARBARA COHEN: Well, let's hear the answer --

14 MR. CLARK: And then I will do my best to --

15 BARBARA COHEN: -- 'cause I'm concerned about
16 the two areas.

17 MR. CLARK: And I will do my best to tell you
18 tonight what I do know about the new findings, and we'll
19 do our best to answer other questions. But there are
20 some questions that personally I do not have the answer

21 to right now.

22 BARBARA COHEN: But you going to give us
23 answers to those later?

24 MR. CLARK: That is our commitment, to answer
25 all your questions as soon as we can.

49

1 MR. SULLIVAN: Okay. Dave, please continue.

2 MR. CLARK: Okay.

3 So let's just get into the meat of the
4 document.

5 BARBARA COHEN: Don't skip my two answers now.
6 There are two areas of --

7 MR. CLARK: They are coming.

8 BARBARA COHEN: -- individual.

9 MR. CLARK: They are coming down --

10 BARBARA COHEN: Okay.

11 MR. CLARK: -- down on one of the later slides.

12 So these are two locations of a former
13 training -- former training vessel, the USS Pandemonium,
14 two locations where -- where it was. It's been
15 removed.

16 And the first -- the first area -- and this is
17 a statement that we can back up: There is no current
18 information showing evidence of a radioactive release
19 due to the USS Pandemonium. We have no data, nothing
20 showing that there's been a release. No evidence of
21 surface contamination either.

22 What we are going to do, the only thing we have
23 left that we could possibly investigate, is a concrete
24 tank that's located in the middle of the street right
25 around -- right around this area [indicating], on

1 Gateview Avenue.

2 MELANIE WILLIAMS: Gateview.

3 ALICE WASHINGTON: Gateview and what?

4 MR. CLARK: That's -- The only thing left is

5 a -- possibly a tank that we think was removed.

6 Otherwise, it's buried about 10 feet underground.

7 MELANIE WILLIAMS: Gateview and what?

8 MR. CLARK: Gateview Avenue, right -- right

9 here [indicating].

10 MS. ATTENDEE: But Gateview is a large street.

11 ALICE WASHINGTON: Okay. So what's the cross
12 street, sir?

13 MR. CLARK: It's right in the middle of the
14 street, basically, right in this general location
15 [indicating]. That's where we think it is. We actually
16 have documentation showing that it was removed.

17 SEANNA CONLEY: So do we have a street close by
18 it? Is there a street close by it that you could
19 identify with?

20 MR. CLARK: It's right in the general location
21 [indicating].

22 MELANIE WILLIAMS: Is that on Gateview --
23 Bayside?

24 MR. CLARK: Right --

25 MELANIE WILLIAMS: Gateview Court?

1 MR. CLARK: Right on -- right on Gateview,
2 right in this particular area.

3 MS. ATTENDEE: Gateview is close to Avenue B?

4 MELANIE WILLIAMS: Gateview Court?
5 MR. CLARK: Gateview Avenue.
6 MR. ATTENDEE: Gateview Avenue is our main
7 street, so --
8 MS. ATTENDEE: And it's a long street.
9 MR. ATTENDEE: It's a long street.
10 MR. CLARK: It's right in this area right here
11 [indicating], Melanie.
12 MELANIE WILLIAMS: Okay. It's over by
13 clubhouse, the clubhouse.
14 MR. CLARK: So the only thing we --
15 MS. ATTENDEE: That's an avenue that is --
16 MR. CLARK: -- have left associated with that
17 is a former tank. So we're going to see if it exists
18 and then sample. That's the -- that's the only thing
19 left that we could -- we could do.
20 MS. WALTERS: Dave, I have a question for you.
21 MR. CLARK: Yes.
22 MS. WALTERS: When you say the "existing data
23 set, subsurface scan" --
24 MR. CLARK: Correct.
25 MS. WALTERS: -- how down -- how far down is

52

1 the subsurface?

2 MR. CLARK: Four feet.
3 MS. WALTERS: Four feet?
4 MR. CLARK: Yeah.
5 MS. WALTERS: Okay.
6 MR. CLARK: The second site --
7 MS. ATTENDEE: Yeah, dig it up.
8 MS. ATTENDEE: Second --

9 MS. ATTENDEE: Sh!

10 MR. CLARK: The second site for the
11 Pandemonium, it was moved in about 1969. The second
12 site for the Pandemonium right here, this is known as IR
13 Site 32. No one -- It's not occupied, any residents.
14 It's still an active IR site.

15 Majority of the site has already been removed
16 as part of a past removal action, and there are reports
17 documenting that removal action. No evidence of a
18 release from the USS Pandemonium.

19 There is an existing tank associated with it.
20 The only thing we could do left is to sample that tank,
21 and we're going to do that as well.

22 We're also going to conduct what we're calling
23 a scoping survey of that -- of the tank in the ground
24 surface. That basically means we're going to be looking
25 for the signature for any radioactive material. It's

53

1 a -- it's a -- it's a surface survey.

2 MS. SMITH: So it will only extend down
3 approximately 1 foot?

4 MR. CLARK: Six inches, one foot, generally
5 speaking, yes.

6 MR. ATTENDEE: How deep are the sewer pipes?

7 MR. CLARK: Generally speaking, sanitary and
8 storm, I'm not sure.

9 MR. SULLIVAN: Probably --

10 MR. CLARK: But --

11 MR. SULLIVAN: Probably between 2 to 4 feet.
12 They're probably at least --

13 MR. CLARK: Four feet.

14 MR. SULLIVAN: -- 2 feet deep just because we
15 don't want them --
16 MR. ATTENDEE: So if there was --
17 MR. SULLIVAN: -- too close to the surface.
18 MR. ATTENDEE: -- some people -- radi isotopes
19 that ended up trapped in somewhere along the sewer pipe,
20 you would verify that for --?
21 MR. CLARK: If there were any in that area.
22 There aren't, and there weren't any associated with that
23 training facility.
24 MR. ATTENDEE: But you have no way to verify
25 something that's actually deeper than a -- 1 foot of the

54

1 surface?
2 MR. CLARK: For the surface scan, it goes about
3 6 to 1 foot, 1 foot down, yes.
4 MS. SMITH: So did you do a scan, an interior
5 scan, of the sewer line? is basically what he's asking.
6 MR. CLARK: No. There -- and there are no
7 associated sewer lines with the USS Pandemonium.
8 MR. ATTENDEE: But they are on Gateview?
9 MR. CLARK: They are on Gateview, that is
10 correct.
11 MR. ATTENDEE: So how does that --?
12 ALICE WASHINGTON: How does that -- how does
13 that disassociate --?
14 MR. CLARK: The system was removed before the
15 houses were ever built. So there was no cross --
16 cross-contamination.
17 MR. SULLIVAN: I think the --
18 ALICE WASHINGTON: Okay.

19 MR. SULLIVAN: I think the gentlemen's
20 referring to the existing utilities versus the utilities
21 that were associated with the -- with the --

22 MR. CLARK: Correct. Right now. And we'll
23 look into see if there's any -- any co-location of the
24 area.

25 MELANIE WILLIAMS: Now, excuse me. I would

55

1 just like to get back to the water part because the
2 water -- we are drinking this water. Even though on all
3 mine first before I put in the refrigerator, but this is
4 too much. Water coming out brown, green, and all this.
5 And I had to get my toilets done a couple times. Now,
6 that's too much.

7 Kids always -- My daughter's in the shower
8 24/7, and I keep Jamal in the bathtub. So the water --
9 I -- the water people -- I seen somebody had water on
10 their table. So I need to know about the water, sew- --
11 water, the person doing the water. Water?

12 MR. ATTENDEE: Someone from the Water Board?

13 MELANIE WILLIAMS: Yeah, Water.

14 So we see -- can you tell us something about
15 the water or what's going on about the water?

16 MS. ATTENDEE: Yes, please.

17 MELANIE WILLIAMS: Do you know?

18 MR. MIYA: No, I can -- I can -- So I'm
19 representing the State.

20 There is -- there is monitoring that is going
21 on of the groundwater, okay. That's the water that's
22 underneath the ground.

23 MS. ATTENDEE: The surface.

24 MR. MIYA: And it's below the surface. It's
25 below the surface, yeah.

56

1 But there is monitoring of the groundwater
2 quality and the chemical analysis as well as
3 radiological analysis.

4 And there haven't -- especially with the
5 radiological analysis, there hasn't been any detections
6 of the -- of the radionuclides in the groundwater that
7 they detected to date.

8 So that's somewhat different from what you're
9 talking about. You're talking about the water that's in
10 your -- in your pipes. But --

11 MELANIE WILLIAMS: Yeah, the water that --
12 maybe if I just drink the water, my --

13 MR. MIYA: Well, what I'm --

14 MELANIE WILLIAMS: But I'm just saying --

15 MR. MIYA: What we're monitoring is the --

16 MELANIE WILLIAMS: -- we -- and when we --
17 we --

18 MR. MIYA: -- groundwater.

19 MELANIE WILLIAMS: Sometime when we get our
20 water on, it do be brown. It comes out. You know, I
21 ain't seen no green yet, but I been there a long time
22 that junk had built back up.

23 It's just that is this all going to mess with
24 us?

25 MR. SULLIVAN: Yeah. Well --

57

1 MELANIE WILLIAMS: See, because my thing is,
2 the only thing that's still holding me on here, on

3 Treasure Island, it got to be God. And I just got to
4 tell you the truth, 'cause I been sick. I had fell
5 down. My son came out here. He been sick.

6 But the only thing that's holding me still here
7 on Treasure Island is the grace of God, okay? because
8 that's how I want to say it. I got to really just keep
9 it real.

10 My legs have been varicose veins, and I already
11 had my legs done. Seanna went with me to the hospital.
12 I'm not trying to worry you. I been here a long time.

13 So I'm just trying to just ask you-all one
14 thing at this meeting. Is radioactive --? I don't
15 know -- I heard a song off that.

16 We need to know because all we -- all we do is
17 just get threw under the rug, and that's not okay,
18 'cause I am human.

19 And it's getting to the point now, my son is
20 12 years old now, and he didn't fell. He didn't -- he
21 done climb fences out here. I think he even been over
22 here to the water. And I just want to make sure he's
23 going to be all right, 'cause anything could happen to
24 me, but what about him?

25 MR. MIYA: So what I'm saying is the quality of

58

1 the groundwater that we have been monitoring has not
2 been -- at least that we can tell, has not been impacted
3 with radionuclides that we been keeping an eye on that
4 part.

5 MELANIE WILLIAMS: And then I want to get to
6 one more point, just like Miss Barbara said, because she
7 the one that had told me to come to the meeting.

8 I really feel since I been here since 1999 -- a
9 lot of other people have too -- a lot of people --
10 right, people have died. They have come to me. They
11 have said, "Melanie, my head is messed up now," or, you
12 know, couple people "I got sick," you know.

13 And I said: Oh, what is going on? Just go to
14 the doctor.

15 So I'm not no science. I do have a doctor. I
16 do have a lawyer. But my thing is this: We all out
17 here together as one on Treasure Island. It's a
18 beautiful place to be.

19 But I just think as all of us being here from
20 up here to down here, we need to know what's going on.
21 And every time we come to a meeting, it's like something
22 else can happen, something else can happen.

23 And guess what: God got the last say-so,
24 okay. I'm -- I could put God in because guarantee you,
25 I feel I struggle here. I made afford to be here on

59

1 Treasure Island. It's a beautiful place to be. But all
2 this going on, it just makes you feel like, What else
3 going be next? And that could hurt anybody.

4 You-all working hard. You-all want [sic] to
5 live here. You-all -- when you all leave here, you're
6 not coming back where we coming back to.

7 So we have to stay here. We don't be knowing.
8 They have stuff blocked off, people running. They got
9 green stuff over here, and the kids be in the back.

10 My son can't go in the backyard, because I did
11 fix the backyard up, but it got blew away, you know, all
12 my stuff. So when he do go there, he getting

13 splinters.

14 So we need to maybe have a beautiful place so
15 they can play and then they can have a park and can --
16 for they can dig. And it's just like it's too much.

17 And then when people get to the point like this
18 and we are getting sick and we is inhaling this in,
19 somebody need to be able to help us.

20 MR. CLARK: And the message is loud and clear,
21 and it's received. What I do --

22 MS. SMITH: Jim --

23 MR. CLARK: -- as an engineer --

24 MS. SMITH: Dave, can I inter--?

25 MR. CLARK: Well, let me -- let me just make

60

1 one quick statement.

2 MS. SMITH: The water that they're talking
3 about --

4 MS. WALTERS: Yeah.

5 MS. SMITH: -- is not groundwater.

6 MR. SULLIVAN: Yeah.

7 MR. CLARK: Well --

8 MS. WALTERS: It's drinking water.

9 MS. SMITH: It's drinking water.

10 MR. SULLIVAN: I was going to -- yeah.

11 MR. CLARK: But I want to -- I want to just
12 address her --

13 MS. WALTERS: Drinking water.

14 MR. CLARK: I want to address her concern --

15 MS. WALTERS: It's not --

16 MR. SULLIVAN: Yeah.

17 MR. CLARK: -- her general -- her general

18 concern.

19 MR. SULLIVAN: Yeah, let me just make a --

20 MS. WALTERS: Yeah.

21 MR. SULLIVAN: -- brief comment.

22 I just want to make sure that, you know, people
23 are going to, you know, have a question concerning their
24 tap water or, you know, go into the right place for
25 answers that, you know, the --

61

1 The water at TI and YBI, it's all coming from
2 San Francisco. It's the same water that everybody in
3 the city drinks. So it's piped over from the city, over
4 the bay bridge, into reservoirs on Yerba Buena Island;
5 and then it feeds down to Treasure Island.

6 So -- and it's all -- that whole system is
7 operated by the San Francisco Public Utilities
8 Commission, the same folks who operate the system in
9 the -- in the rest of the city.

10 So, you know, if you're having any questions,
11 you know, concerning your --

12 JEFF KLINE: With all due respect, I read the
13 water reports from Hetch Hetchy. The water is fine when
14 it starts at Hetch Hetchy.

15 We're concerned about what happens to the water
16 when it gets here at Treasure Island.

17 MS. ATTENDEE: Right.

18 JEFF KLINE: Is someone from the State Water
19 Board going to come to these meetings?

20 MS. ATTENDEE: She's right here.

21 MR. SULLIVAN: State Water Board's here, but --

22 MS. ZECH: I'm from the Water Board.

23 JEFF KLINE: Do you have something to say on
24 this issue, please?

25 MS. ZECH: What I want to say is, we don't --

62

1 we look at groundwater, which is not the same as the
2 water in the pipe. The water in the pipe is -- comes
3 from Hetch Hetchy.

4 What Jim was telling you --

5 JEFF KLINE: Well, this is the Catch 22 we face
6 out here. The --

7 MS. ZECH: So --

8 JEFF KLINE: The infrastructure doesn't belong
9 to the City yet. They can't really legally invest in
10 it. They don't have the money to do it either.

11 MS. ZECH: Well --

12 JEFF KLINE: So you say go back there, the PUC,
13 it's not really -- they are legally bound. They can't
14 actually --

15 MS. ZECH: I'm not telling you --

16 JEFF KLINE: -- invest in the infrastructure to
17 improve it.

18 MS. ZECH: Yeah. I don't want to make this
19 meeting about argument. I'm just -- I just want to
20 explain so that things are clear.

21 And for your question, you know, you're worried
22 about your water that comes out of your pipes, and you
23 need to understand it's not the groundwater. It's the
24 water from Hetch Hetchy.

25 I'm not trying to say it's something else; just

63

1 that it's -- you need to know where it comes from so you
2 can deal with it.

3 And it seems to me if you have water that
4 come -- I mean, I -- I don't know what's going on with
5 Hetch Hetchy; but it seems to me if you have clear water
6 in some other parts of the city and you have brown water
7 here, it's the same water, but it's not the water. It's
8 the pipes. But I -- we don't -- we don't regulate the
9 pipes.

10 And I'm sorry, I really don't know what --

11 MELANIE WILLIAMS: So who's over the pipes?

12 SEANNA CONLEY: And the Navy would still be
13 over that, correct?

14 MELANIE WILLIAMS: The pipes.

15 SEANNA CONLEY: Over the pipes because actually
16 our house managers are not over that.

17 MELANIE WILLIAMS: Who's over the pipes?

18 SEANNA CONLEY: That's the Navy.

19 MELANIE WILLIAMS: Now we getting brown water.

20 MR. ATTENDEE: -- is over the pipes.

21 MR. SULLIVAN: The water system is being
22 operated by the San Francisco Public Utilities
23 Commission.

24 So I would encourage you if you have any, you
25 know, questions or concerns, you know, for your water

64

1 to, you know, contact, you know, either your housing
2 provider or I'm sure the folks at Treasure Island
3 Development Authority --

4 JEFF KLINE: You know, we pay for utilities on
5 our rent. More than 10 percent of our rent goes to

6 utilities. You know that?

7 MR. SULLIVAN: Right.

8 JEFF KLINE: But we don't have -- we don't have
9 meters. So we're not customers of the PUC. So we have
10 no basis to even talk to them. If you try to file a
11 complaint, they say, What's your account number?

12 MS. ATTENDEE: Oh, dang.

13 MR. SULLIVAN: I'm sure if you addressed your
14 question to the Treasure Island Development Authority,
15 if you have concerns over your water, I'm sure that they
16 would respond.

17 I mean, the City is still operating -- Because
18 everything here hasn't transferred yet, you know, you're
19 correct, the federal -- it's -- everything here is still
20 federally owned. But -- but you the utility system,
21 whether it's the gas or the electric --

22 JEFF KLINE: With all due respect, I'm sorry,
23 but I've been addressing questions to the Treasure
24 Island Development Authority. I've lived here for
25 13 years. I got letters going back to 2000 addressed to

65

1 director after director; and I get the runaround, the
2 same story you're giving us now: Go talk to this
3 agency. Go talk to that agency. And no one wants to
4 take responsibility.

5 MS. SMITH: That's true.

6 MR. SULLIVAN: Well, I will -- I will -- you
7 know, I'll as an action item talk to the Treasure Island
8 Development Authority and make sure -- and make sure
9 that there's somebody who can respond to water
10 complaints. If you have a complaint, there should be

11 somebody who you -- who can respond to that.
12 JEFF KLINE: Maybe we should talk to the
13 mayor. He appoints the Treasure Island Development
14 Authority Board.
15 MR. SULLIVAN: Yeah.
16 MR. CLARK: Yeah.
17 PINA CORREA: My name is Pina Correa.
18 Do we know if the tanks which the water comes
19 in from Hetch Hetchy were built in contaminated land?
20 Has that been tested?
21 MR. CLARK: I'll have to defer --
22 MR. SULLIVAN: Yeah. No. Yes, we --
23 MR. CLARK: -- to someone else about that.
24 MR. SULLIVAN: We know that they have. All the
25 tanks are up on Yerba Buena Island. We have, you know,

66

1 over the course of years investigated the property on
2 Yerba Buena Island, and we -- other than some petroleum
3 contamination that we dealt with, we found no
4 contamination sources near the reservoirs. And working
5 with the regulatory agencies, they've reviewed all the
6 work we've done on Yerba Buena Island, and they cleared
7 that property for transfer.
8 But all of the reservoirs are up on Yerba Buena
9 Island.
10 PINA CORREA: But was that tested with the old
11 information or the new information you guys have
12 acquired?
13 MR. SULLIVAN: The old and the new. Part of
14 the -- part of the -- well, specifically with regard to
15 radiological as part of this overall review process in

16 discussions with the State, the State concurred that
17 there are no radiological issues associated with Yerba
18 Buena Island, and the State is satisfied that no further
19 investigation for that is needed at Yerba Buena Island.

20 And also too, the water in the reservoirs is
21 tested as well. It -- I mean, there's a -- there's a
22 process that as -- the PUC goes through to test and
23 maintain the system.

24 MR. CLARK: So let's go through a few of the
25 remaining sites that are those newly impacted sites.

67

1 And then at the end of the presentation, we can continue
2 with any other questions you may have.

3 MELANIE WILLIAMS: Thank you.

4 MR. CLARK: We're calling this the optical
5 shop. This is a shop that was built on the roof of
6 Building 3. Building 3 is located right here
7 [indicating].

8 MS. ATTENDEE: What location is that?

9 MR. CLARK: It was built -- This is Building 3
10 right here on the south end by the -- by the sail -- the
11 sail club right here.

12 MS. ATTENDEE: So where?

13 MR. CLARK: Maybe if I change -- Does this
14 help with orientation so you get a better feel for --?
15 Housing is up here [indicating].

16 MS. ATTENDEE: Yeah.

17 MS. ATTENDEE: Yeah.

18 MR. CLARK: Building 3, this is where you drive
19 on Building 1, and you drive across. This is the big
20 parking lot you can see the bridge from.

21 And the shop was built in 1944, demolished in
22 1969. This is a case where we found new evidence saying
23 that during World War II there was heavy ship repair
24 operations that went under way.

25 We had no evidence of that before. Generally

68

1 speaking, the ships were repaired at Mare Island,
2 Hunters Point. But during World War II, there was a lot
3 of things going on, a lot of ships. There just wasn't
4 any room. Some of them came to Treasure Island.

5 So for a brief history during World War II,
6 there was some heavy repair going on with ships. As a
7 result, this optical shop was built to support in the
8 repair.

9 We have no evidence of any releases; but
10 because there were radionuclides used in optical shops
11 historically, we are going to do a scoping survey
12 conducted of this area on the roof as well as the
13 associated drain lines.

14 MS. SMITH: Dave, wasn't it also true that
15 there was some servicing of ships that were exposed
16 during above-ground nuclear testing in the '50s that
17 were in this area?

18 MR. CLARK: There's no evidence that they were
19 berthed at Treasure Island before they were
20 decontaminated.

21 MS. SMITH: Okay.

22 MR. CLARK: Site 31/30, storage area yard.
23 Again, this an area that was used from World War II to
24 1970. The reason we're impacting it is because it has
25 that potential for material coming off of ships into the

1 storage yard.

2 There's no evidence of any release. There's no
3 evidence that there is high levels of nonnaturally
4 occurring radioisotopes. But there's that potential.
5 There's the potential that during recycling operations
6 during that World War II time period, radium buttons,
7 deck markers, things that glow in the dark could have
8 come onto Treasure Island and could have remained there,
9 and that's why we're investigating it.

10 To date we have conducted an investigation at
11 Site 31, and we are issuing a report regarding that
12 work. However, we have not found any what we're calling
13 commodities.

14 Commodities is the jargon term that we use for
15 a piece of metal, a deck marker, something that has a
16 radioactive signature to it. And you'll see this
17 terminology all over the place.

18 So whenever you see this, this is a physical
19 chunk of something that we are saying is found. And we
20 take your meter to it; you can definitely see some
21 radioactive material emitting from that piece of
22 whatever it is.

23 MS. ATTENDEE: Metal.

24 MR. CLARK: The path forward. Again, we have a
25 Site 31 Removal Action Summary Report and a Final Status

1 Survey that will be conducted. Those reports will be
2 made available to the public. The first one will be
3 this Removal Action Summary Report, and then the Final
4 Status Survey will be more radioactive, radiation

5 involved.

6 So we will have, of course, Restoration
7 Advisory Board meetings covering those documents when
8 they come out.

9 In addition to that, we're going to survey the
10 entire area of the site, including -- including
11 Site 30. And that's something that we're already
12 getting ready to do hopefully in the next calendar year.

13 MS. THEROUX: Dave, can you point that out on
14 there?

15 MS. WALTERS: Exactly.

16 MR. CLARK: And so this is -- this is the
17 location of the storage area, this large area here, this
18 one large storage area.

19 And again, we don't have any evidence of
20 release. There wasn't a -- anything buried there.
21 Specifically it just was a storage area, so it has that
22 potential for something being incidentally left over
23 from the World War II time period.

24 ALICE WASHINGTON: What air --? What area is
25 that? What area is that?

71

1 MR. CLARK: This is --

2 MS. ATTENDEE: Yeah. What --

3 MR. CLARK: This is the -- This is along
4 Avenue D, and then you have Ninth Street at the bottom;
5 and then at the top, 13th Street, right there.

6 PINA CORREA: Where the school was, exactly
7 where the school was.

8 MELANIE WILLIAMS: That Treasure Island
9 School. That's, um, Ki dango, Ki dango.

10 MR. CLARK: Here's another building,
11 Building 342, not occupied. This is a -- It was used
12 for training in instrument calibration for the -- for
13 the sailors that were involved in that at Treasure
14 Island.

15 Again, we have no evidence of contamination, no
16 documentation from audits that there's anything
17 released. But the fact that it was used for the purpose
18 of training with radionuclides, we're going to conduct a
19 scoping survey of it and a final status survey to
20 demonstrate that it is suitable for use.

21 MS. WALTERS: David, where is that located on
22 Treasure Island? Show --

23 MR. CLARK: Right here. That building is right
24 here. So it's on the -- on the east side of the island.

25 MELANIE WILLIAMS: Down by the gym.

72

1 MR. CLARK: This is . . .

2 MR. SULLIVAN: No. A couple -- couple blocks
3 south.

4 MS. WALTERS: Yeah.

5 MR. CLARK: A couple blocks south of that.

6 MR. SULLIVAN: By Avenue M and --

7 MS. WALTERS: It's further away from that.

8 MR. SULLIVAN: -- Fifth Street.

9 MR. CLARK: Yeah. There's a couple small
10 buildings there right down the street from former
11 Building 233.

12 MR. SULLIVAN: Yes, ma'am.

13 PINA CORREA: Yes. You said that that building
14 was used for the training of calibration. Do we know

15 exactly what type of chemicals you did use at those
16 trainings, and do we know how toxic they are?

17 MR. CLARK: There are records for all --

18 PINA CORREA: Do you have some names?

19 MR. CLARK: -- the training. Correct. They
20 are rather extensive. A lot of them are public
21 records. So they can be made available rather easily if
22 you want to go through all the records associated with
23 the training.

24 PINA CORREA: Can you just give me a couple of
25 examples?

73

1 MR. CLARK: The primary radioisotope is
2 radium-226. That's generally what we're concerned with.

3 MR. SULLIVAN: This was part of a training
4 facility to train sailors to operate and repair the
5 instruments. So it was -- it was instrument training,
6 and then they needed to have a sample sometimes referred
7 to as a check source. That's a sealed -- radioactive
8 source sealed in plastic with some other material. It's
9 used as a sample so that you can check to see that the
10 instrument is operating properly or not.

11 PINA CORREA: Okay, and ques- --

12 MR. SULLIVAN: And so those -- those materials
13 would have been present in the building along with the
14 equipment.

15 PINA CORREA: And is there any kind of
16 literature from that time that says that those sailors
17 got sick due to contamination --?

18 MR. SULLIVAN: Well, these were people who were
19 trained --

20 PINA CORREA: Do we have that information?

21 MR. SULLIVAN: These were people who were
22 trained to work with that equipment. That was all part
23 of their -- part of their training, to safely use and --
24 use that equipment.

25 PINA CORREA: Yes, because we trained to use

74

1 it. But do we know today, 30 years later, that those
2 people were affected directly by the materials that were
3 beneath them or --?

4 MR. CLARK: Working with -- No. I --

5 MR. SULLIVAN: No.

6 MR. CLARK: We do not have any --

7 PINA CORREA: Do we have the data on that?

8 MR. CLARK: -- records on that, no.

9 MR. ATTENDEE: Excuse me. Do we have any
10 longitudinal studies of health issues related to people
11 who were stationed out here?

12 MR. CLARK: I am not aware of any. I don't
13 know the answer to that question.

14 Yes.

15 PAT ZAMORA: Hi. My name is Pat Zamora, and
16 I'm the area director for Boys & Girls Club of San
17 Francisco, and I worked with the Treasure Island
18 clubhouse. And I have a question about -- regarding the
19 safety for the children.

20 So, for example, when I've been out there, I
21 know it's all fenced off, and they -- all the guys are
22 suited up. And yet -- and then they are lifting
23 plastic; and then sometimes, like, it's windy, and
24 stuff --

25 MR. CLARK: Correct, correct.

75

1 PAT ZAMORA: -- is blowing around.

2 MR. CLARK: Excellent question.

3 PAT ZAMORA: So what is the process to ensure
4 that kids are safe and also the adults that are at that
5 process is going on?

6 And if all -- the second question is, What --?
7 If you did find something, what would be the process to
8 let us know immediately --

9 MR. CLARK: Correct, correct.

10 PAT ZAMORA: -- so that we could take action?

11 MR. CLARK: The -- when field work is going
12 on, we -- air monitoring. That's the simple answer.
13 The primary pathway is inhalation of airborne --
14 airborne dust.

15 And the primary -- one of the concerns we have
16 as far our workers as well, 'cause they are out there
17 ever day directly related to that, they are going to
18 have the highest rate of exposure. All of them are
19 monitored constantly for any exposure issues, and the
20 air is monitored as well.

21 And there is data set related to that. We can
22 make that available. The State has reviewed that data.
23 They are aware of it, and they -- they have not seen any
24 issues with air issues from our -- from our remediation
25 sites.

76

1 MS. ATTENDEE: So --

2 MS. WALTERS: Did -- Actually, Ryan wants to

3 say something.

4 MR. MIYA: There's also -- In addition, there
5 are dust-control measures that they implement to make
6 sure that there's not a significant amount of dust
7 that's leaving the construction site. And then also
8 there has not been any exceedances of -- or even
9 radiological detections associated with the monitoring
10 that has been in place for that location specifically.

11 MS. MAJHAIL: And if it exceeds, what will
12 happen?

13 MR. MIYA: And so if it exceeds, essentially
14 they -- the -- they have to stop work, and then they
15 have to implement additional dust-control measures
16 before they can even begin. And if it's impossible for
17 them to minimize the dust at that point, they have to
18 stop completely.

19 ALICE WASHINGTON: And what would those
20 measures be?

21 MR. MIYA: There --

22 ALICE WASHINGTON: How would they control it?

23 MR. MIYA: Yeah. The -- So there's a number
24 of different things. But what they do is they will use
25 mo- -- water --

77

1 MS. ATTENDEE: Yeah.

2 MR. MIYA: -- to water the soil and to prevent
3 the dust from kicking up.

4 And so you'd have these dust-control measures,
5 and you also have limitations on the speed of the
6 vehicles and -- the construction vehicles there -- the
7 -- at the height they can drop the materials into

8 containers and things of that.

9 And all those things are part of the
10 dust-control program. But the verification that the
11 dust control is working is in fact the dust monitoring
12 that occurs, and we have the high-volume monitors as
13 well as the real-time monitors as well that are
14 implemented there.

15 ALICE WASHINGTON: So --

16 ASHLEY BATES: How can we feel confident in
17 those measurements when the company doing it, Shaw, has
18 gotten a notice of violation from the State for not
19 doing it right?

20 MELANIE WILLIAMS: Tell it. Tell it. Tell it.

21 BARBARA COHEN: And there were incidents of
22 that kind of thing happening in Bayview-Hunters --

23 MR. CLARK: Right.

24 BARBARA COHEN: -- Point, and nothing happened
25 with the company.

78

1 MR. CLARK: Specifically the --

2 BARBARA COHEN: There was one guy who even lost
3 his job for telling. Hm!

4 MR. CLARK: And that -- the notices of
5 violation had nothing to do with the air monitoring, and
6 the results are available to the State of California who
7 oversees the health and safety.

8 ASHLEY BATES: Who does the air monitoring?

9 MR. CLARK: The contractor does perform the air
10 monitoring.

11 SEANNA CONLEY: Now, I have a question just to
12 piggy-back on what Pat said in regard to the kids,

13 'cause of course you know there's nothing but really
14 families, our families, which consist of children and --
15 you know, children.

16 So I walk this whole island, and my mouth is
17 everywhere, and I'm talking to everybody. I talk to the
18 trees.

19 MELANIE WILLIAMS: Thank you.

20 SEANNA CONLEY: And I talk to those men that
21 was working over there. And when I talk to them, none
22 of them had on them HAZMAT suits. When. But now they
23 all walking around looking like Oompa-Loompas.

24 So my question is, How come they all protected,
25 but yet my kids in running that Boys & Girls Club is

79

1 not? And I know this for a fact.

2 And you cannot tell me that them men had been
3 wearing them HAZMAT suits the whole time. They did
4 recently put them HAZMAT suits on. But yet my kids that
5 play in that playground over there where all the sports
6 is out there being put in jeopardy, but yet you going to
7 protect your worker, see.

8 So let's go back on what's real. Who are you
9 protecting? because I know. And I be everywhere. My
10 manager's office is right through there. And I stayed
11 going up there messing with Catholic Charities and my
12 manager. And I know that them men did not have on them
13 HAZMAT suits, but they got them on now.

14 MR. CLARK: Generally speaking, those are for
15 direct contact when you're dealing -- when you're in the
16 site.

17 SEANNA CONLEY: But you said it's airborne.

18 MR. CLARK: Correct.
19 SEANNA CONLEY: But you said it's airborne.
20 Boys & Girls Club right there.
21 MR. CLARK: But since specifically --
22 SEANNA CONLEY: That's airborne. That's as
23 close as you can get.
24 MR. CLARK: Correct. The suit specifically
25 protects direct contact when you're dealing with the

80

1 soil; you're working in it.
2 SEANNA CONLEY: So if you think they are in
3 danger and they have to cover up, what about our kids?
4 MR. CLARK: Since they're --
5 SEANNA CONLEY: And you say these people cover
6 up because they are in direct contact and this is a
7 airborne thing. What about the children? The gate,
8 it's just a stupid gate.
9 MR. SULLIVAN: Yeah. Let me try -- let me --
10 let me try -- let me try to address that. And safety's
11 a big subject, a big subject.
12 And so part of -- part of hazard --
13 MS. ATTENDEE: And minimize it.
14 MR. SULLIVAN: And it applies to multiple
15 things, not just dust and radiological. Part of it has
16 to do with proximity, how close you are to the source of
17 the contamination.
18 So the majority -- actually, the majority of
19 our -- of the workers on our projects don't wear
20 respiratory protection.
21 But there may be some circumstances that they
22 are working either very close to something where there

23 may be some concern that there might be an issue. Those
24 people working close might be wearing respiratory
25 protection. And over time the safety manager -- project

81

1 safety manager makes a determination does that
2 respiratory protection need to continue or not?

3 So sometimes it's done in a very precautionary
4 manner, and that's done, you know, close to the source.
5 Now, as you get further away from the source, the
6 hazard -- hazard lessens and --

7 SEANNA CONLEY: Would that be saying,
8 Mr. James, close to the source and we're going to
9 protect these workers; and if it's -- if it's good for
10 them, then it's good for our children. Our children --
11 They should have notified our kids, because these men
12 did not have these HAZMAT suits on.

13 You guys just said yourself that it's airborne.

14 MS. ATTENDEE: That's why they --

15 SEANNA CONLEY: So they're if sitting there and
16 they're in that field working and the Boys & Girls Club
17 right here, all it takes is one breath; it is going into
18 our kid's lung.

19 So if you can protect these workers, what was a
20 problem of being notified at the club to protect our
21 children? See?

22 So we're going back on we're going to protect
23 them. They got it's airborne and that whoever is
24 running it says that these workers need to wear these
25 HAZMAT suits, but this is a airborne thing. But yet our

82

1 kid is still being affected by what we're trying to

2 protect them from because they got direct contact.

3 MR. SULLIVAN: Yeah. Well --

4 SEANNA CONLEY: It's not sounding right.

5 MR. SULLIVAN: The hazard is greater the closer
6 you are to the source.

7 SEANNA CONLEY: Okay.

8 MR. SULLIVAN: And the hazard goes down as you
9 get farther from the source.

10 ALICE WASHINGTON: So I was walking my
11 granddaughter to school, and I had to walk. Here it
12 is. Here I am. How close do I need to get a HAZMAT
13 outfit for me and my granddaughter? I mean, don't get
14 no closer than that, right?

15 MR. SULLIVAN: Yeah.

16 ALICE WASHINGTON: Okay.

17 MR. SULLIVAN: I mean, for all --

18 ALICE WASHINGTON: Enough said.

19 MR. SULLIVAN: Yeah. I mean, for all our
20 projects -- for all of our projects, there's a safety
21 zone --

22 ALICE WASHINGTON: Okay.

23 MR. SULLIVAN: -- around the project ending --

24 ALICE WASHINGTON: But the HAZMAT's enough.

25 MR. SULLIVAN: -- ending with the physical

83

1 fence.

2 And so the safety requirements, you know,
3 mandate that at the fence line where you move from
4 inside the project area to the publicly accessible area,
5 that that publicly accessible area remain safe.

6 So it's a combination -- as Ryan and others

7 have mentioned, it's a combination of work practices,
8 doing things safely to make sure that you're not
9 stirring up dust as well as monitors, the workers
10 working close to the source. They are wearing personal
11 monitors so that they could -- they know if they are
12 picking up dust or not.

13 And then there's perimeter monitors along the
14 perimeter of the project area to determine is any dust
15 leaving the site? So there's a standard to ensure that
16 a significant amount of dust is not leaving the project
17 site.

18 And that's all built into a -- into a health
19 and safety plan that's part of the project plans that
20 are reviewed and monitored by the State. So it's not
21 just the Navy and our contractors. It's the state
22 regulators working together as a team with the Navy
23 using industry -- industry standard practices to control
24 dust from the project site.

25 ASHLEY BATES: Mr. Sullivan, is it part of your

84

1 health and safety plans to keep kids away from the
2 high-level radiation containers? 'cause I was just over
3 at that site one hour ago. The fence was wide open.
4 This is where you store the high-level rad. Kids were
5 going by on bikes who could have gone right in there.
6 It was wide open. No workers. Nothing.

7 The ga- -- I took a picture of it. The gate is
8 wide open. That's the high-level rad. How does that
9 happen with your safety plan?

10 MS. ATTENDEE: Okay.

11 MS. MAJHAIL: It's not high level.

12 MR. SULLIVAN: If the fence is open, somebody
13 must have been inside.

14 MS. ATTENDEE: But it's always open.

15 SEANNA CONLEY: But the thing is -- is, You
16 keep saying it's airborne.

17 ASHLEY BATES: This is the large containers
18 that say --

19 MR. SULLIVAN: Yeah.

20 ASHLEY BATES: -- that say --

21 MR. SULLIVAN: Yeah, I think I understand
22 better the area you're talking about.

23 ASHLEY BATES: I can show you the picture. Do
24 you want to see it right now?

25 MR. SULLIVAN: No.

85

1 MR. CLARK: We can ans- -- Let's take a couple
2 more questions. We have a few more slides I want to get
3 through, and then we can continue to take your questions
4 after the presentation.

5 JEFF KLINE: I have a question, more of a
6 statement, in regard to those standards for safe levels
7 of radiation. There has been a lot of research done in
8 recent years to show that lower levels of radiation can
9 be dangerous, and we're talking about potential
10 inhalation of radioactive particles, which doesn't take
11 very many. Once they're in your lungs, they are very
12 close to living DNA.

13 And so there's a risk there that's
14 underestimated because the standards are too high for
15 these levels of radiation. So when you say we're
16 meeting the standards, there's a real question.

17 If you look at research in Europe, look at the
18 latest research about low-level radiation. There's a
19 real question about those standards themselves.

20 And I would go as far as testing goes, the EPA
21 by example tested the air around 9/11, the World Trade
22 Center site, and they declared it to be safe. And we
23 know the aftermath of that. That was a lie.

24 So I have questions about your air sampling.
25 Who supervises Shaw? Is it the --? Who's responsible

86

1 for air quality? What agency should I talk to?

2 MS. ATTENDEE: Yeah.

3 MS. ATTENDEE: It's the state.

4 MR. SULLIVAN: Well, it's all monitored by the
5 regulatory --

6 MS. ATTENDEE: EPA.

7 MR. SULLIVAN: -- agencies.

8 So you can talk to the --

9 MR. MIYA: Yeah, and as a component of reports
10 and documentation.

11 JEFF KLINE: The air sampling, who's --?

12 MS. ATTENDEE: Isn't that the EPA?

13 JEFF KLINE: Is that California EPA? I'm
14 sorry?

15 MR. MIYA: Yeah. It's --

16 MS. ATTENDEE: I think it's EPA.

17 MR. MIYA: It's the Sta- -- it's the State --

18 JEFF KLINE: State EPA.

19 MR. MIYA: -- of California, yeah. And so --

20 so I can talk to you -- come by and get -- I'll give you
21 my card and --

22 JEFF KLINE: Well, you're from the DTSC, right?

23 MR. MIYA: That's correct, the Cal -- the --
24 and the Department of Toxic Substances Control is a
25 branch of the California EPA.

87

1 JEFF KLINE: Oh. Very good. Thank you.

2 MR. CLARK: Two more, and then I want to get to
3 the answer -- the question about the sites.

4 AMBER MONTANO: I just wanted to add my support
5 to all of these, particularly the women who have
6 children who are right there. I don't take my kids to
7 that area once they started doing whatever it is they
8 are doing because that's again not common knowledge for
9 most of us, no matter where we live on the island.

10 And the standards that he was just talking
11 about, they don't apply to children. They do not apply
12 to 5-year-olds, 6-year-olds, 10-year-olds, 14-year-olds,
13 and 17-year-olds who are actually at that site every
14 day. Would you send your children there, that Boys &
15 Girls Club, knowing what you know?

16 MS. ATTENDEE: No.

17 MELANIE WILLIAMS: That's -- Tell it. Tell
18 it.

19 MR. CLARK: One more, and then --

20 ALICE WASHINGTON: No.

21 MR. CLARK: -- the slides.

22 ALICE WASHINGTON: You haven't answered the
23 question.

24 BARBARA COHEN: I want to co- -- I want to
25 comment, though.

88

1 I think that two people here from the Boys &
2 Girls Club will be remiss if you don't go back to the
3 board of directors --

4 MELANIE WILLIAMS: Thank you.

5 BARBARA COHEN: -- of the Boys & Girls --

6 MELANIE WILLIAMS: Tell it.

7 BARBARA COHEN: -- Club --

8 MELANIE WILLIAMS: Tell it.

9 BARBARA COHEN: -- and tell them of the
10 concerns that were expressed here tonight --

11 MS. ATTENDEE: That's right.

12 BARBARA COHEN: -- and perhaps the political
13 clout of the Boys & Girls Club --

14 MELANIE WILLIAMS: Tell it, Barbara.

15 BARBARA COHEN: -- could join forces with
16 what's being happening here. No offense to you. You
17 got a job. That's a -- You got a job.

18 But you --

19 MS. ATTENDEE: Night off.

20 MS. ATTENDEE: That's right.

21 BARBARA COHEN: -- the Boys & Girls Club, is
22 liable for what is happening to their children.

23 MS. ATTENDEE: Right.

24 BARBARA COHEN: And you can go back and make
25 reports about I was at this meeting tonight, and there

89

1 was some concern and dah-dah-dah-dah-dah.

2 MS. ATTENDEE: Yeah.

3 BARBARA COHEN: But you need to let them know
4 the expressed concerns that were made tonight, the

5 statements this --

6 MS. ATTENDEE: That's right.

7 BARBARA COHEN: -- gentleman made, the
8 statements that you have made in terms of that that is
9 applicable to adults but she said is not applicable to
10 kids.

11 The Boys & Girls Club need to have more than
12 just the two of you here, and you need to make certain
13 that they are aware --

14 MELANIE WILLIAMS: Thank you.

15 BARBARA COHEN: -- of what is happening to a
16 program that they have contracted with Treasure Island,
17 and I'll pay the fee for the use of that building.

18 MELANIE WILLIAMS: Thank you.

19 SEANNA CONLEY: With that be said -- I could
20 even put it out there -- on Treasure Island, you guys
21 know a lot of people come here from drug rehab.
22 programs. A lot of us have --

23 MS. ATTENDEE: Same applies.

24 SEANNA CONLEY: -- medical conditions and their
25 medical condition. We're going to talk about lead

90

1 problems. We going to talk about HIV and AIDS, but we
2 could talk about leukemia, people with compromised
3 immune systems --

4 MELANIE WILLIAMS: Thank you.

5 SEANNA CONLEY: -- is what I'm talking about.

6 MELANIE WILLIAMS: Thank you.

7 SEANNA CONLEY: And I will speak for me. I'm a
8 person with a very high compromised immune system. I
9 fight every day to live, and I'm coming here and yet you

10 guys are being helpful.

11 MS. ATTENDEE: -- should have come.

12 SEANNA CONLEY: All we want to know is the
13 truth. You see what I'm saying? The truth.

14 I came out here because I try to give myself a
15 better life, and I wanted to live a long-lasting life.

16 Do I blame my housing provider? Hell, no, because they
17 live out here too. They are under the same impression.

18 I got to go back to you guys. I have to come
19 back to you guys, and I have to get answers. Somebody
20 got to tell me why my T-cells shot under 200 in two oh
21 six [sic] when I was perfectly healthy when I came out
22 here. Somebody got to tell me why I'm busting out with
23 boils up under my breasts, on my butt, up under my
24 arms.

25 And I am very healthy. My doctor tell me

91

1 that I'm a long-time survivor. But yet I'm getting
2 these rashes. And yet you tell me for humans you can't
3 say anything?

4 I got a friend. Her feet swole up out of
5 nowhere. I got a kid that got lupus, lupus. You know
6 what I'm saying? My daughter is telling me that she --
7 her chest is continue to hurt. I was drug free when I
8 had her. She been on this island since she was a baby.

9 See, this is what I'm trying to tell you-all.
10 I come here, and you knew. Regards to what that agenda
11 said you wanted to do, you knew what the questions were
12 going to be, and that's what you should have planned
13 for, not a bunch of putting Band-Aids over this, over
14 that, over this, because you knew you wasn't going to

15 get through this agenda because you already had read the
16 article. So you already knew what we were coming here
17 to ask.

18 So we done wasted a whole lot of time, and you
19 ain't got nowhere, and don't look like you get nowhere
20 because you ain't got no answers.

21 Mr. James, you keep trying to help him, but
22 it's not working. All you guys sitting up here is
23 coming with all these Band-Aid issue. Everybody read
24 the article. Everybody saw the news. Everybody read
25 the Internet, 'cause I didn't look at that at all. It's

92

1 the topic of the 108 bus.

2 All you guys needed to do was come with the
3 answers. You came here with old information, stuff from
4 the past. We wanted to know and get the answers to what
5 is on that news, what is in their newspaper.

6 They can't even redevelop over here. So it got
7 to be bad. Ain't no housing going up. Ain't no
8 apartment complex going up.

9 And the last man that was running this island,
10 not Jane Kim, but some man, he said he already knew it
11 was never going to happen. See, some of us are not that
12 literate. Some of us pay attention.

13 So I need to say you guys, with my medical
14 status, with my kids running in that Boys & Girls Club,
15 with just me in general, I ain't trying to let you take
16 me out. Don't do me like you did Third Street. Don't
17 pacify it, 'cause I watched that whole procedure.

18 You guys, I think, need to go to the table, get
19 these answers, and come back and give it to us. Don't

20 come back because right now we're not even select -- I
21 know me myself I ain't very sit here, listen to them all
22 lies.
23 Come back with the facts. Call a meeting with
24 what you really want to talk about. Answer the --
25 commit [sic] and answer our question.

93

1 Right now it's -- this is drama. This is some
2 old stuff. You-all should have did just a whole nother
3 time. You-all seen this stuff on the news Saturday
4 morning. This is a waste of everybody's time. We need
5 the answers, not Band-Aids.

6 MR. CLARK: So the message is to get the --

7 SEANNA CONLEY: Get the answers.

8 MR. CLARK: -- right answers --

9 SEANNA CONLEY: Come with answers.

10 MR. CLARK: -- as soon as possible.

11 And I think, Jim and Deb, we can make the
12 commitment as soon as possible, work with the State and
13 the other agencies to get --

14 SEANNA CONLEY: Answers, guys.

15 MR. CLARK: -- to get the answers.

16 SEANNA CONLEY: We got answers. People are
17 coming up sick.

18 I went on the bus with somebody this morning.
19 This individual didn't even know I had broke out in
20 boils. She was telling me about her boils, and I took
21 my coat off and just start showing her all the boils
22 stuff up under my arms. We had never talked about it,
23 but we were talking about the radiation and all this.
24 And then she started telling me her experience, and yet

25 I started sharing my experience with her till I took my

94

1 coat off and just -- I was showing her all this stuff I
2 did.

3 This is things that people now they're just on
4 the news. Everybody is starting to share some of the
5 things that's happening to them, thinking that maybe it
6 was not just not my medical.

7 MS. ATTENDEE: Right.

8 SEANNA CONLEY: Maybe it is something that have
9 to do with. And people are starting to talk.

10 And I think that you guys should just have the
11 answers for us. Stop pacifying, because if you put it
12 off, the longer you put it off, the madder we going
13 get. And I know I'm going to fight for mine.

14 MR. CLARK: Okay. One more question --

15 SEANNA CONLEY: I'm not going to sit down.

16 MR. CLARK: -- then I want to wrap up the
17 presentation, and then we can take more questions.

18 AMBER MONTANO: Can you provide all the dates
19 to do all of these things to address some of the issues
20 that we're talking about tonight that are of enormous
21 concern? I think I lived here for 13 years and never
22 heard some of this stuff before.

23 Why are all the dates in 2013 instead of
24 urgently?

25 MS. THEROUX: Part of that has to do with --

95

1 again, this report just is coming out, and the
2 information has been kind of briefed in development and
3 getting agreement with our regulatory partners in making

4 sure that, you know, we think if we've been capturing
5 all of their concerns and questions, to better identify
6 what the path forward is going to be.

7 So the date is 2013. That's like from a fiscal
8 year standpoint. But this report, they will be
9 reviewing it more cons- -- comprehensively.

10 We're getting very good questions and comments
11 that are coming from you guys and then getting agreement
12 on absolutely in a very timely fashion on what is the
13 best path forward to make sure that everybody -- 'cause
14 whatever the Navy does has to be approved and conferred
15 upon with all the regulatory agencies.

16 So we want to make sure that we're going to be
17 doing the right things and covering and making the
18 surveys that we do there's no question from whatever the
19 results that we get that we're all in agreement that how
20 we got that information is supportive enough to move
21 forward --

22 MR. CLARK: And this is --

23 MS. THEROUX: -- and make the decisions.

24 MR. CLARK: This information related to the
25 environmental restoration program, human health and

96

1 safety, getting immediate data.

2 There is existing data from the sites.
3 However, I'd have to defer to the State as far as any
4 other immediate things we can do to get more information
5 to answer that question.

6 But this is -- these are just dates for
7 environmental restoration projects, not anything
8 particularly related to answering your specific

9 question --

10 MS. THEROUX: And there's been --

11 MR. CLARK: -- or concerns.

12 MS. THEROUX: -- a very broad spectrum of

13 questions and concerns that have been raised.

14 In order for us to be prepared to answer those,

15 absolutely want to reiterate the availability to if you

16 haven't voiced a comment or a question or concern yet,

17 please make sure -- we'll have the court reporter

18 available on the site to make sure that that does get

19 documented, please, 'cause we know that we're not

20 answering all the questions right now.

21 MR. ATTENDEE: Just a --

22 MR. CLARK: And then we'll --

23 MR. ATTENDEE: -- quick question --

24 MR. CLARK: -- wrap this up.

25 MR. ATTENDEE: -- and I don't want to hold this

97

1 up any more.

2 But has the Navy declassified the activities on

3 Treasure Island in regard to nuclear testing or other

4 classified activities so as to allow former Navy

5 personnel to speak openly, to be interviewed, deposed,

6 give statements without fear of violating national

7 security?

8 MR. CLARK: I don't know the answer to that

9 question.

10 MR. ATTENDEE: Will RASO provide the answer?

11 MR. CLARK: I think the Navy can look at --

12 take that as an action item to look into.

13 MR. SULLIVAN: I can say that I don't -- I

14 don't believe there's anything that remains classified
15 relative to --

16 MR. ATTENDEE: Can we get an answer from --

17 MR. SULLIVAN: -- activities --

18 MR. ATTENDEE: -- RASO or --?

19 MR. SULLIVAN: Pardon? Pardon?

20 MR. ATTENDEE: Special office, can we get an
21 answer from them?

22 MR. SULLIVAN: From who?

23 MR. CLARK: From RASO.

24 MR. ATTENDEE: RASO.

25 MR. SULLIVAN: Well, we are -- I mean, we're

98

1 the Navy. RASO is a part of -- part of the Navy, and
2 so --

3 MR. ATTENDEE: So --

4 MR. SULLIVAN: We don't -- there's nothing --

5 As part of this -- as part of this additional
6 evaluation, we looked at all the -- all the available
7 information, and I don't believe that there's anything
8 further --

9 MR. ATTENDEE: Did you interview former
10 personnel?

11 MR. SULLIVAN: Pardon?

12 MR. ATTENDEE: Did you interview former Navy
13 personnel?

14 I heard second-hand accounts of people who were
15 part of the burns, the open burns they used to do
16 regularly out here. And they used to just demolish
17 buildings, and it's in your reports somewhere that they
18 used that debris to grade Site 12, the housing area,

19 before they built the housing there.

20 So have you interviewed anyone or the witnesses
21 of what was going on before they built the housing?

22 MR. SULLIVAN: Well --

23 MR. CLARK: There have been --

24 MR. SULLIVAN: As part of the --

25 MR. CLARK: -- interviews as part of the --

99

1 MR. SULLIVAN: As part of the original --

2 MR. CLARK: -- process.

3 MR. SULLIVAN: -- 2006 document, there were
4 interviews done. That was -- that was -- That
5 information was incorporated into the 2006 report, yes.

6 MELANIE WILLIAMS: And --

7 TRELEASE MILLER JONES: Can I ask a question?

8 MELANIE WILLIAMS: Yeah, 'cause some just --

9 TRELEASE MILLER JONES: I have -- I have a
10 person that lived --

11 MELANIE WILLIAMS: Yeah.

12 TRELEASE MILLER JONES: -- that lives --

13 MELANIE WILLIAMS: Yeah.

14 TRELEASE MILLER JONES: -- in the court where I
15 live --

16 MELANIE WILLIAMS: Thank you.

17 TRELEASE MILLER JONES: -- back here.

18 My name is Trelease, by the way.

19 And she lived in the different part of the
20 country, and she went to go and pick up her furniture
21 from where she was coming from, and she was not allowed
22 to get on the plane because her skin was radiated from
23 her doing her yard. She got pulled over by TSA several

24 times from the swabs and the radiation on her skin from
25 her doing her yard. So what is that? I mean, is that

100

1 harmful? Is that --?

2 ATTENDEE: What's in that yard?

3 TRELEASE MILLER JONES: That's ridiculous to
4 me, I mean, for you guys to say that it's not -- it's
5 not, you know, at surface level and all that. That's
6 surface level.

7 All she did was lay down some sod in her yard
8 because there's grass growing back there because the
9 dirt is so toxic. And it's not harmful to the children
10 or anybody else?

11 MS. ATTENDEE: When you own a dog --

12 MELANIE WILLIAMS: And, you know, and the same
13 questions -- okay. Excuse me. I just need to say that
14 because we had went outside, and I had to get air
15 because I'm going through menopause and stuff.

16 But the question was, the same lady we gave a
17 ride almost to the airport. She came out here. And I
18 need to say, I been here the longest. I been here a
19 long time. So I'd been move from house to house to
20 house to house. So I'd been in all the houses on
21 Treasure Island. So I started from cafeteria, the state
22 community house partnerships. So all these houses that
23 I have been in like salt shakers, but I'm still here.

24 So I know that as me being who I am and if I
25 wasn't strong or, I know, tested, whatever, radiation,

101

1 it's just too much toxic going on anyway.

2 But the same thing that this lady talking
3 about, Teleesha [phonetic], we met this lady. And her
4 backyard, digging in it, like, I could dig right now
5 with Jamal, it's all green. It's all -- like, if I go
6 in the back, on the outside it look like they
7 spray-paint it. But the part that I would go out in the
8 back and sit down to have my little quiet time is just
9 all -- we tried. We tried.

10 And as my health, just like Seanna said her
11 health, I don't want to tell you about my health because
12 it's so much have been on with my health I try to put it
13 past me; but, you know, I'm still standing.

14 So when I go in the back to dig or do
15 something, blowing. My son, Mommy, I want to play
16 outside in the back, splinter or dirt, and he do have
17 little -- but he's a strong little son. He's a boy.

18 So I'm just saying that all this is going on,
19 and it's like every -- and I been here when Bluetooth
20 [phonetic] saying his ass off the island. Excuse my
21 language. He was here. Tom, Tony Hawk. Tony Hawk was
22 here sagging off the island.

23 And it's just like we been here for so long,
24 and it is getting frustrated. It's getting frustrated.
25 And I know you-all doing your work 'cause that's your

102

1 job. If you don't work, you don't eat.

2 But my thing is this: We are here every day
3 struggling to get on the school bus, struggling to get
4 to a store, struggling to get to Walgreens and get our
5 medicines, struggling to get back and forth, standing at
6 the bus stop. But ti- -- now -- now it's back to

7 school .

8 And you right. If the Boys & Girls Club didn't
9 have nothing for the kids to go back to school and
10 somewhere to go, where would our kids go? You know what
11 I'm saying? So it's very hard and it's frustrated, so
12 all these people coming, and I feel this too.

13 As our kids, we should be first priority to get
14 a job with these people that out here that's working and
15 coming out here to do work. Why you not asking us? Why
16 you not coming to us, asking the community would you-all
17 kids like to have a summer job? Would you-all kids like
18 to do some work or help out on Treasure Island? because
19 this is our community.

20 MS. ATTENDEE: Yeah.

21 MELANIE WILLIAMS: You-all bringing way people
22 out here from . . .

23 ALICE WASHINGTON: Timbuktu.

24 MELANIE WILLIAMS: Timbuktu. That's another
25 one.

103

1 But it was a meeting up here what they doing it
2 from -- there was in a doing it [sic], and me and
3 Miss Barbara was here, and you-all brought some --

4 MS. ATTENDEE: Yeah.

5 MELANIE WILLIAMS: -- people out that was doing
6 the transportation, and they got the boats in a -- they
7 driving people up there.

8 Nobody had came to the residents and said --
9 even though with my disability, you could have at least
10 ask my son or my daughter, would you like to be a part
11 of the community to help us build and help the

12 community? You-all bringing people out here to build,
13 and we don't even know them. And then what make it so
14 bad, I feel in any community where we at, we all should
15 be doing something together.

16 We find out on Internet. A paper with --
17 Somebody come by, give you a paper like this on your
18 door. You know, it needs to be like we had, national
19 night out. Everybody came out. You-all should have
20 been out here too for we could have maybe see what's
21 going on, because my doctors -- and then which you-all
22 going to do next week is have another meeting, or
23 something else is going to go on. And as us being as a
24 community, a community supposed to stick together just
25 like San Jose, just like County Santa Clara.

104

1 And then you-all going home tonight. We got to
2 wake up, start over all again today with the same old
3 stuff.

4 MS. ATTENDEE: Here, here.

5 SEANNA CONLEY: I just have a question from
6 somebody that had to leave. She really got really
7 upset. So I'm just going to read it, and you guys --
8 hopefully you guys will answer it.

9 This is from -- This is a question from a
10 woman name Kathryn Lundgren who left: Her daughter will
11 have exploratory surgery for cancer next week. Her home
12 on Bayside was tested with swabs a few years ago. She
13 wants to know the results, not -- I can't -- not just
14 reposting something in general, but the results of her
15 home. She also wants to know if you guys will be
16 conducting health tests on residents.

17 MELANIE WILLIAMS: Thank you.
18 SEANNA CONLEY: So her daughter was never sick,
19 and now her baby has major, major health problems, and
20 she's going in for surgery and a few other things, and
21 she want to know what you guys had tested.
22 MELANIE WILLIAMS: I think that's -- that's
23 what I just said. Help the community. All of us should
24 be getting help. We should be.
25 MR. CLARK: One more question, then we'll go.

105

1 MS. ATTENDEE: Okay.
2 LaJUANA McKINNON: I just have a question. My
3 name is LaJuana. I'm a resident here on the island.
4 And when I got here on the island, a year ago
5 my baby got really sick. We had to -- I had to go get a
6 monitor machine 'cause she had -- couldn't breathe. It
7 was hard for her to breathe. And she was going through
8 this process. And the doctor was saying she really
9 couldn't detect what it is, but it was like asthma. But
10 it was making it difficult to breathe and stuff and had
11 to go get medicine and to pay for -- I had to literally
12 buy one of those machines to keep her --
13 MS. ATTENDEE: I know what you're talking
14 about.
15 LaJUANA McKINNON: -- breathing because she
16 couldn't really --
17 MS. ATTENDEE: Out.
18 LaJUANA McKINNON: -- go out.
19 MS. ATTENDEE: And put the --
20 LaJUANA McKINNON: She attends that Treasure
21 Island school over there, and we walked -- she likes to

22 walk by. That's where our normal walk before they
23 start, you know, going to testing in that area; they
24 going in the field and working, because the field was
25 shut off from, and no one was working in there. And she

106

1 likes to walk, you know, that -- the walkway.

2 Now I don't walk on that side where they --
3 where they -- they're doing the -- they explained to her
4 we can't walk on that side because I don't know what all
5 they're doing, you know, 'cause they having all these
6 uniforms and they are all shield all up and everything,
7 you know. So we have to walk on other -- on other side
8 in that field.

9 I don't even know if that field is too safe for
10 her to walk in. So we pretty much got to walk almost in
11 the street. You know what I'm saying?

12 So, you know, I just want to know, is there
13 something that they wasn't telling us about that was
14 going around already? because she wasn't the first child
15 that mother got ran into that said that their child was
16 having difficulty breathing and got asthma. The kids
17 never had asthma before. They was older than she was,
18 though.

19 So I was going to say, was there something in
20 that they didn't detect that they're not telling us?

21 Like the lady was asking about something took
22 off the island, it had to be something in there for them
23 to take it off to get it tested. So it had to be
24 something, you know, far as the radiation. And whatever
25 it is, it was something in there like when they it off

107

1 the island to go get it tested.

2 MR. SULLIVAN: If I can get the lady's name, if
3 you can give it to me before you leave, let me contact
4 her, because I'm not sure exactly what it might -- what
5 might have been swabbed. It might not have been -- I
6 don't know. I'd have to -- I'd have to talk to her to
7 find out so I can follow up.

8 SEANNA CONLEY: Okay.

9 MELANIE WILLIAMS: And just like she brought
10 up, you-all should come around and see while the
11 resident do we need any kind of healthcare, or do we
12 need any kind of help.

13 MS. ATTENDEE: Yes.

14 MELANIE WILLIAMS: You --

15 MS. ATTENDEE: Yes.

16 MELANIE WILLIAMS: -- know, the Catholic
17 Charity, TIHDI, charter school, they do a lot.

18 But I'm just saying for you-all, since you-all
19 with the Navy and all this stuff going on, come around
20 and see if we all right. Just don't come up here to
21 have a meeting. It's about hey, let me see if you all
22 right; let me see how your kids doing, because, see,
23 you-all going home tonight. You know what I'm saying?
24 We got to get up in the morning, get them up ready for
25 school, out to school, get them on the school bus.

108

1 My son, he was -- came out onto my stomach. My
2 water bag busted on Treasure Island. Now he's 12 years
3 old. He got a lot -- He is so active, and he got -- he
4 left-handed and right-handed. So he's really -- his
5 mind going two places.

6 But he -- I said, Jamal, is you all right?
7 He would say, Sometime, Mommy, I'm all right.
8 And he's everywhere. He's everywhere on
9 Treasure Island. And, you know, and I have took him --
10 he got a good doctor too. He got a good doctor.

11 But it's just like you all should be here to
12 help us. This is what we need. We need help on
13 Treasure Island, just like they did help and put \$1
14 together on Third Street from the dog patch all the way
15 down. They got Third Street going on. It took \$1 in
16 their community. And that's what it need to take here.
17 All this money and put stuff under the table. One
18 dollar we should be able to have everything that Third
19 Street got.

20 MR. SULLIVAN: Well, I think one thing I'd like
21 to do, though, is kind of clarify -- clarify roles,
22 maybe point you in the right direction for some of
23 the --

24 MELANIE WILLIAMS: Yes.

25 MR. SULLIVAN: -- questions or answers that

109

1 these --

2 The Navy's role here is, you know, we operated
3 the base, and we closed the base in 1997 --

4 ATTENDEE: Should have left it --

5 MR. SULLIVAN: -- as part of the base closure
6 program.

7 The purpose of the base closure program was to
8 get the base closed, get it cleaned up, get it turned
9 over to the local community. So the local community in
10 this case is represented by the Treasure Island

11 Development Authority.

12 So as a part of the process for transitioning
13 the base, we reach an agreement with TIDA for them to
14 come in -- even while we're still finishing our work and
15 haven't yet transferred the property, we made an
16 agreement with Treasure Island Development Authority to
17 come in and start operating the base on a day-to-day
18 basis as well as open up the housing, bring residents
19 on, businesses.

20 So if you have any -- if you have any general,
21 you know, questions concerning quality of life, you
22 know, I encourage you to direct those to the Treasure
23 Island Development Authority, 'cause our role with the
24 Navy and the federal government is to get the cleanup
25 done, transfer the property, and get out of the way.

110

1 It's Treasure Island Development Authority
2 who's currently operating the base on a day-to-day
3 basis, and they are the party really -- really
4 responsible for quality of life here on the island. So
5 I would encourage you, you know, to, you know, to talk
6 to them. I want to make sure you're being pointed in
7 the right direction.

8 MELANIE WILLIAMS: That's right. Thank you.
9 Thank you, James.

10 MS. ATTENDEE: So I just --

11 MS. LATECOMER: So I have a question, okay.
12 I'm late. Excuse me.

13 But what I want to know is if it's -- if the
14 contamination is below ground level, why is the -- why
15 are the workers in so much protective equipment? What

16 exactly --? What is the agreement between you and TIDA?
17 Is it possible for us to get that?

18 And I've asked this question before: Is
19 Treasure Island a brownfield? because after this news
20 report, after everything -- we got animals coming up
21 with fur missing. We got people with all these skin
22 irritations. We got people showing signs. We got one
23 child with lupus on the island. We got people dying
24 unexpectedly. Something's obviously going on.

25 And right about now what I -- what I -- I

111

1 expect you to give me the runaround. What I -- but
2 that's what I don't want to hear, but that's what I
3 expect.

4 So while you giving me the runaround and
5 agreeing to answer my questions later, can I -- can --
6 is it possible for the residents to get the agreement
7 that you have with TIDA? 'cause you're -- it --
8 basically, it sound like you shifting the blame. It's
9 on them what our quality-of-life standards are we need
10 to talk to them. But you guys are the ones doing
11 cleanup.

12 MELANIE WILLIAMS: Tell it.

13 MR. CLARK: I can try and answer the first part
14 of the question, which is why their --

15 MS. ATTENDEE: 'Cause I have a skin --

16 MR. CLARK: -- the workers are --

17 MS. ATTENDEE: -- issue --

18 MR. CLARK: -- wearing the protection.

19 MS. ATTENDEE: -- that they can't even cure.

20 MR. CLARK: They are dealing with underground

21 issues as far as we have -- we have no information that
22 there's anything on the surface.

23 MS. ATTENDEE: I want to see it.

24 MS. LATECOMER: Okay. So if you dig it under
25 ground, is this stuff airborne?

112

1 MR. CLARK: And that's why the monitoring is in
2 place that the State is overseeing, make sure that it
3 doesn't, you know, get airborne in the first place. And
4 like Ryan said, if there was any detection, everything
5 is shut down if there is an exceedance.

6 MS. LATECOMER: And what levels are being
7 monitored? The minimum or the maximum?

8 MR. CLARK: The --

9 ATTENDEE: Maximum.

10 MS. ATTENDEE: They don't know. They're not
11 out there doing --

12 MS. LATECOMER: The minimum.

13 MR. CLARK: Yes.

14 MS. LATECOMER: So --

15 MS. ATTENDEE: Actually, actually, it's more
16 than. A man was standing in the ground. It's more
17 than. I don't know how tall he was, but he was at the
18 ground level where he was standing in, and he was
19 like . . . So whatever it is sits down in the dirt.

20 MR. CLARK: Correct. The excavation --

21 MS. ATTENDEE: See --

22 MR. CLARK: -- can go down.

23 MS. ATTENDEE: -- you been seeing on the top.

24 He was standing in the bottom. You got to go check it
25 out. He may be down there working and standing in the

1 ground.
2 MS. ATTENDEE: And I've heard the word --
3 MS. ATTENDEE: That's why we said they carry
4 something --
5 MS. ATTENDEE: I heard --
6 MS. ATTENDEE: -- off of here. There had to be
7 something to carry it off of here.
8 MS. ATTENDEE: And then the fact that it's
9 contaminated soil bringing -- brought onto the island to
10 fill in what you guys are removing.
11 ALICE WASHINGTON: Yeah, and I mean, it's --
12 MS. ATTENDEE: Yeah.
13 ALICE WASHINGTON: -- like my hands --
14 MS. ATTENDEE: Show them your hands.
15 ALICE WASHINGTON: I got -- I got something --
16 MS. ATTENDEE: Look it.
17 ALICE WASHINGTON: -- from the water, and I'm
18 going to the doctor. They said, Oh, because you stand
19 in the water, and you use the same towel to wash your
20 hands and feet.
21 Duh. Who does it? I got something they can't
22 even cure. They just kee- -- I'm a guinea pig with
23 creams that they -- that they're giving me. And it's
24 like it's in the water.
25 MS. ATTENDEE: It is the water.

1 MR. CLARK: But specifically --
2 ALICE WASHINGTON: It's in the water. You
3 don't want to see --

4 MR. CLARK: Specifically for --
5 ALICE WASHINGTON: -- the feet because it's too
6 embarrassing.
7 MR. CLARK: For soil being brought onto the
8 island --
9 MELANIE WILLIAMS: Tell it true.
10 MR. CLARK: -- you're seeing a lot of it
11 brought on.
12 MELANIE WILLIAMS: Tell it true, tell it true.
13 MR. CLARK: The majority of that is from -- we
14 call it that tunnel project, which is analyzed before
15 it's brought up for --
16 MS. LATECOMER: Analyzed for the maximum or the
17 minimum?
18 MR. CLARK: It's for the minimum.
19 MS. LATECOMER: And that's another question I
20 have as far as the -- what you're testing, with the
21 methods that you're testing --
22 THE COURT REPORTER: Can you speak up? I'm
23 hearing all sorts of voices --
24 MS. LATECOMER: As far as the methods --
25 THE COURT REPORTER: -- talking at the same

115

1 time --
2 MS. LATECOMER: -- that --
3 THE COURT REPORTER: -- and I can't even report
4 if you're speaking when I'm speaking.
5 MR. CLARK: Yeah. No. As --
6 MS. LATECOMER: As far as the methods that are
7 being used for the testing, are they up to date, or are
8 they outdated? When was the last time they were

9 updated?

10 MR. CLARK: They are the approved methods
11 that's approved by the --

12 MS. LATECOMER: They are approved method.
13 Okay.

14 So -- and then another question: Last night I
15 had brown water. Does that have anything --? What's
16 going on with that?

17 I mean, you know, we hear this report, and then
18 you have all these issues. Residents talk to each
19 other. We don't talk to TIDA on a regular basis, or we
20 don't talk to you guys on a regular basis.

21 And you saying that you guys have agreement
22 with -- you and TIDA agree to, and we should talk to
23 them. What was the agreement?

24 I mean, I mean, I know I'm not the only one
25 here thinking, Hey, we on this island, and a lot of us

116

1 come over here, come -- I mean, what are we being
2 subjected to?

3 We have a neighbor. She couldn't get through
4 TSA without being swabbed several times, and they
5 telling her she got radiation on her skin. And
6 something came out of that because it's been a lot work
7 done on her household. County was out there;
8 construction workers was out there.

9 I mean, you have to understand that we don't --
10 we don't think that we getting the full story here.
11 And, you know, I don't want it to be another situation
12 like Bayview-Hunters Point where we last ones to find
13 out it be worse and we suffering the worst.

14 SEANNA CONLEY: That's what it is. You already

15 late. That's what it is. That's what it is.

16 MS. LATECOMER: Mm-hmm, that's how I feel.

17 SEANNA CONLEY: I just have a question,

18 though. We were told -- I know I was told that I

19 couldn't dig, don't plant, don't -- I was told not to

20 plant, don't dig. That's what I was told.

21 So if I was told I couldn't plant, I can't dig,

22 why you all come over here and start digging? I just

23 want to know.

24 They told me: Do not touch with that soil;

25 don't mess with it. So -- and I was told there, a

117

1 resident. Why would you all come over here and do it?

2 This -- because I know behind the Boys & Girls

3 Club, that dirt, that was grey black tar, 'cause, see, I

4 used to live on Flounder when I first moved here. So

5 I -- my son had used to ride his little bike all around

6 here, and now you got and went back there and dug all

7 that up and all that Kidango and all that there.

8 But yet I was telling him not to dig. Somebody

9 want to tell me because we so far to the water. Well,

10 whatever. You-all digging too. You all did. So what

11 makes all the difference than a resident?

12 ATTENDEE: And there's wind.

13 SEANNA CONLEY: That's all I want to know.

14 MR. SULLIVAN: Yeah. Well, the --

15 SEANNA CONLEY: I mean, if it was going to mess

16 my hands up too, don't you think it's going to mess

17 everybody else's? You-all digging more dirt than I

18 would have dug with a shovel.

19 MR. SULLIVAN: Yeah. The restriction on
20 gardening and digging was established a long time ago,
21 back around the time that the housing was occupied. And
22 that was done as a precautionary -- strictly as a
23 precautionary measure until we can complete all of the
24 investigations.

25 And then if an area -- if an area doesn't need

118

1 to be cleaned up, once we determine what needs to be
2 cleaned up and what doesn't need to be cleaned up, at
3 some point in association with the regulatory agencies
4 we can say, that area that doesn't need to be cleaned
5 up, you know, that's suitable for gardening and other
6 digging activities.

7 We just want to be precautionary to make sure
8 that we get through the whole process and get agreement
9 from the regulatory agencies as well as, you know,
10 reviewed by the public before we finalize the work and
11 say, yeah, it's okay to start gardening again.

12 But in the meantime, it's been a precautionary
13 measure that's been applied across the entire housing
14 area, and that's why people were asked to use raised
15 planters instead.

16 MR. CLARK: Now, one thing before we continue,
17 because we do need to take a break for the court
18 reporter 'cause she's been typing for about two hours
19 and I -- she needs a break, I'd like to finish up the
20 slides, and then we can sort of -- we could just take a
21 break --

22 MR. SULLIVAN: Well --

23 MR. CLARK: -- and then --

24 MR. SULLIVAN: Yeah. I think we need to
25 look -- we'll finish up these slides --

119

1 MR. CLARK: And then --

2 MR. SULLIVAN: -- and then we'll move on --

3 MELANIE WILLIAMS: Excuse me. I just want to
4 say thank you. Whatever you all do, just send it to my
5 mail. I have to go get my son. He's coming from
6 football.

7 MR. SULLIVAN: Well, thank you for --

8 MELANIE WILLIAMS: But thank you for coming.

9 MR. CLARK: Thank you.

10 MR. SULLIVAN: Thank you.

11 So we'll finish up this topic --

12 MR. CLARK: And then take a break.

13 MR. SULLIVAN: -- and take a short break and
14 then --

15 MR. CLARK: Then we'll continue.

16 MR. SULLIVAN: -- complete the rest of the
17 agenda.

18 MR. CLARK: There's only a couple of slides
19 left, and I just want to go over the other areas.

20 The sewage treatment plant area. Again, this
21 is an area that was used during World War II as a
22 salvage operation. So there's no evidence of any
23 releases, but we're going to take a look at it, same
24 thing, scoping survey to determine whether or not
25 there's any issues there.

120

1 MS. THEROUX: Dave, can you point on the board?

2 MR. CLARK: Right up here, right in that area

3 [i ndi cati ng].

4 Same thi ng, another salvage yard, absol utely no
5 evi dence of contami nati on. But the fact that it was a
6 salvage yard, we're just going to go back there to make
7 sure there's nothing -- nothing there. And that area is
8 located right here [i ndi cati ng]. It's currently still
9 used as a storage area.

10 And then these are the two areas that were
11 related to ongoing remedial activities, not related to
12 any housing, nor were they ever. We have Site -- what
13 we're calling IR Site 6, currently used as a storage
14 facility. And then Building 570 area location. Again,
15 this is where our contractor's field office actually
16 is. The fact that soil samples come into that office or
17 have as well as the commodities are also stored in a
18 secure location.

19 After we're done --

20 ASHLEY BATES: That's the gate that was open
21 today.

22 MR. CLARK: After we're done --

23 Correct, and there is access to the site as the
24 field office.

25 After we're done using the site, we will do the

121

1 same sort of survey just to make sure that there's no
2 issues. Regular --

3 ASHLEY BATES: So if a child were to walk into
4 that facility in that picture, would it be safe?

5 MR. CLARK: Regular scanning --

6 ASHLEY BATES: 'Cause it was a --

7 MR. CLARK: Regular scanning shows that there's

8 no contamination.

9 SEANNA CONLEY: If there's no contamination,
10 why they all there with their suits?

11 MR. CLARK: For that particular area, they --
12 they don't need the suits for the field -- for the field
13 office.

14 PINA CORREA: So how many types of scanning are
15 there? 'cause You're talking about regular scanning. Is
16 there other types that --?

17 MR. CLARK: There are. Generally, the first
18 type of scanning --

19 PINA CORREA: -- guarantee you that the
20 contamination that there is, or how does it work?

21 MR. CLARK: And as far as what -- I can answer
22 specifically -- actually, I'll have the contractors
23 specifically answer what type of scanning for general
24 health and safety. We actually have our radiation
25 safety officer.

122

1 Christine, if you want to just mention what --

2 MS. DONAHUE: Sure.

3 MR. CLARK: -- type of scanning that --

4 MR. SULLIVAN: And actually, I just want to
5 mention, we sent out a newsletter just a couple of weeks
6 ago, and there's a -- there's a photograph of some of
7 the surface walkover --

8 MR. CLARK: Sure.

9 MR. SULLIVAN: -- scanning on page 3 of the
10 newsletter that I hope you received.

11 MS. DONAHUE: Yeah. A few months back, I think
12 this organization's group meeting we did have fairly

13 short, we went through radiation safety practices, how
14 the instruments work, how far deep they can go as far
15 as -- They can go very, very deep as far as penetrating
16 if it's something that's not very dense, like soil. If
17 it's concrete or asphalt, it limits how far, depending
18 on what you're trying to detect.

19 So we have a variety of tools, and we went
20 through those. But, you know, it's important to
21 understand.

22 MR. CLARK: Yeah.

23 So those are the sites. And again, I'll
24 encourage you to take a look at the document and look at
25 it in greater detail.

123

1 This is the schedule. The State is currently
2 reviewing the documents. So they are going to provide
3 input. When I say "the State," California Department of
4 Toxic Substances Control, the Water Board, federal EPA,
5 California Department of Public Health.

6 We will get comments -- response to those
7 comments October 3rd and the final doc- -- document in
8 November. All this situation, the comments, responses
9 to comments, made available to the public so you know
10 what's going on.

11 DANIEL HOROWITZ: You know, I'm sorry. I just
12 have a question specifically about that.

13 I seem to remember from the article that -- I
14 mean, like everyone who's represented here at the state
15 board, that's their thing, are all the people are
16 basically saying everything's okay. And I'm not trying
17 to, you know, give you a hard time.

18 MR. CLARK: Yeah.

19 DANIEL HOROWITZ: But that there was one state
20 agency -- I believe it was the Department of Public
21 Health -- who was saying, No, it's not okay. And I
22 don't see that representative here. And I'm wondering
23 what's going on with that. I like -- 'cause I'd like --
24 that, I'd want to hear from the person who is critical
25 of the findings.

124

1 MR. CLARK: Since we don't deal directly with
2 the California Department of Public Health, they're sort
3 of a --

4 DANIEL HOROWITZ: They're not part of this
5 group?

6 MR. CLARK: No, not directly.

7 DANIEL HOROWITZ: Okay.

8 MR. CLARK: We deal with the lead state agency,
9 which is the Department of -- DTSC.

10 MR. MIYA: Yeah. Department of Public
11 Health --

12 MR. CLARK: Ryan's probably explain it --

13 MR. MIYA: -- state department --

14 MR. CLARK: -- a little better.

15 MR. MIYA: -- sister agency within the state.

16 But they have also come out and said that --
17 and they're -- and I'm quoting one of the -- what they
18 said, that it does not cons- -- the sta- -- California
19 Department of Public Health said it does not consider
20 the cleanup activities being conducted by the Navy right
21 now on the island should be dangerous in any way and
22 that they'll be keeping an eye on it. And likewise, we

23 will also be keeping an eye on things.

24 But I know what you're talking about in terms
25 of what the --

125

1 DANIEL HOROWITZ: I know. I wish I had the
2 article in front of you. But there was one fellow in
3 the -- in the article --

4 MS. ATTENDEE: Yeah.

5 DANIEL HOROWITZ: -- who was saying, you know,
6 he's coming back from the report in response to what the
7 Navy -- or am I wrong?

8 MR. MIYA: Right now the California Department
9 of Public Health along with us is reviewing this draft
10 document.

11 DANIEL HOROWITZ: Right, and there was --

12 MR. MIYA: So --

13 DANIEL HOROWITZ: -- reviewing in part because
14 there was a real concern about the accuracy of the -- of
15 the thing put out by the Navy. Am I wrong about that?
16 That's --

17 MR. CLARK: The orig- -- the original 2006 HRA,
18 correct.

19 DANIEL HOROWITZ: Right, right. So, I mean,
20 that's one of my conc- -- and if I -- I can list
21 probably.

22 I thought -- The other two things that
23 concerned me about the article, 'cause we're kind of
24 seemed to get at that point now, is -- I mean, there was
25 talk about removing soil that was 400 times the

126

1 appropriate radiation level.

2 And then a concern that -- you know, and then
3 saying, well, everything's safe; but if you remove that
4 soil, the surrounding areas are not safe. But that was
5 a concern, the Department of Public Health.

6 And then one worker being removed, civilian
7 worked for the Navy, if I'm not mistaken, who su- -- who
8 very quickly and unexpectedly got maximum radiation
9 exposure. I mean, that -- these were things that were
10 in the article, right?

11 MR. CLARK: It's possible that some -- there
12 are some inaccuracies in the article, and so that's why
13 this document is under state review so that you can have
14 the official state comments. It's only been about the
15 first couple of weeks. So those may have been, you
16 know, unofficial comments on the document.

17 ASHLEY BATES: Okay, but on your own
18 PowerPoint, it says 1,000 [sic] cpm on July 25th at
19 Site 31, Area D-North, which I don't know the
20 calculations, but that seems pretty high over the --

21 MS. DONAHUE: It's not. It's not.

22 ASHLEY BATES: -- EPA exposure.

23 MS. DONAHUE: No, it's not.

24 MS. WALTERS: She knows.

25 MS. DONAHUE: It's not. It's just a point at

127

1 which you need to remediate, which we did, which we had
2 about 5 gallons of soil and took it away. But it's --
3 there's -- I mean, you could -- I can drape myself in
4 that amount of material, and it wouldn't --

5 ASHLEY BATES: You could what?

6 MS. DONAHUE: I could drape -- dribble it all
7 over myself, and I'd be okay.
8 ASHLEY BATES: To dribble that material all
9 over yourself and be okay?
10 MS. DONAHUE: I promise.
11 ASHLEY BATES: What's your name?
12 MS. DONAHUE: Christine Donahue.
13 ASHLEY BATES: Okay.
14 MS. THEROUX: If I can add a little bit more
15 to the --
16 MS. DONAHUE: Yeah.
17 MS. THEROUX: Again, trying to put some context
18 into in -- in reading some of those things that there
19 were some concerns that were raised by CDPH some time
20 ago in regards to the 2006 document.
21 And so in coordination with them, DTSC, the
22 Navy, Navy's RASO office, got together to address, put
23 the path forward how can we address the concerns that
24 you have.
25 Thus, the sc- -- the whole scope of this draft

128

1 technical memo was a result of those -- that dialogue,
2 that everyone agree that what needed to happen, what
3 kind of research needed to be done.

4 And so while the Navy was out doing that and
5 collecting the information and briefing back all the
6 folks as to what we had been finding, okay, well, we'll
7 better understand it once we see it in the document.

8 So this product that is currently out for
9 review is that product from all of the agreement from
10 the agencies as to how we needed to move forward,

11 confirm, verify the conceptual site model that we used
12 to prepare the 2006 document.

13 And as we're proposing right now, we're saying
14 that out of everything that was looked at, we have seven
15 new areas out of everything on Treasure Island that
16 requires further study because it gets the "impact"
17 label.

18 I'm not a chemist or anything. But, as David
19 talked about, "impacted" meaning that it requires
20 further study based on the new information that we had,
21 maybe on how the site was possibly used. But that
22 doesn't necessarily mean that there's -- that there's
23 now new widespread contamination everywhere. That --
24 We don't see that. We haven't -- The studies and
25 investigations that we have done and sent out to our

129

1 agencies for review and comment, we haven't found any of
2 that at this time.

3 MS. WALTERS: Also, actually, as a community
4 member here as the Restoration Advisory Board -- and I
5 actually used to work for the San Francisco
6 Redevelopment Agency, and I worked on the site for seven
7 and a half years, and I've known Jim for a very long
8 time, and I know this process extremely well.

9 Actually, because I do know -- I have that
10 context, a historical and environmental scientist, I
11 actually did talk to somebody from the California
12 Department of Public Health today about this concern,
13 and it really supports what Ryan has to say.

14 I know six months ago that there was some
15 concerns about licensing and some things that happened.

16 And Deb is right. You know, the Navy and their
17 contractors, Shaw, came up to speed. They have been
18 working with the regulators, everybody. And as far as I
19 know and from what I can tell, you know, they're on the
20 right path. They are doing the right thing.

21 So, you know, I just want to, you know, support
22 what, you know, Ryan just said, you know, a couple
23 minutes ago. And you know, it's a process. It takes
24 time. And I do know that health and safety is a huge
25 concern of the Navy, of the community, of everybody in

130

1 this room.

2 MR. CLARK: Yeah. I reiterate, that is a top
3 priority. And we do have a commitment to continue
4 investigation, getting the information out, working with
5 all the agencies in order to make sure that, you know,
6 Treasure Island is a safe place to live and work. And
7 that's the message.

8 And we heard a lot of good comments here, a lot
9 of good feedback above and beyond really the scope of
10 what we were ready to discuss tonight, and we obviously
11 will have a continued discussion about this in the
12 future.

13 But I think at this point, we can take a break,
14 and of course we are available in case you have any --

15 MS. MAJHAIL: Dave.

16 MR. CLARK: -- questions you want to offer.

17 MS. MAJHAIL: I would just like to give the
18 Envi roStor address --

19 MR. CLARK: For -- yes, so the last thing on
20 the record.

21 MS. MAJHAIL: Yes. It's www.envirostor -- I'm
22 going to spell it out for you: e-n-v-i-r-o-s-t-o-r.
23 There's no "e" -- .dtsc.ca.gov/public.
24 MR. CLARK: So, again, thank you -- before we
25 take a break, thank you very much for coming up,

131

1 providing us the feedback. We appreciate it.
2 (Whereupon, a recess is taken from
3 9:11 p.m. to 9:28 p.m.)
4 MR. SULLIVAN: Okay. We're ready to resume the
5 rest of the agenda for those of you who wish to stay.
6 (Pause.)
7 MS. VALMASSY: What do you want me to pull up?
8 MR. SULLIVAN: "Property Transfer Update." And
9 then we'll do . . .
10 Okay. So we'll move to the rest of the
11 agenda. So next up is property transfer update, and
12 this is super quick. It's just really basically about
13 the same as last -- as two months ago. So . . .
14 So there -- TIDA's still looking to complete
15 the pre-closing conveyance on YBI still potentially by
16 the end of this year. So it may be -- it may be by
17 December. It's up to TIDA to deal with some
18 utilities-related issues prior to being ready to convey
19 that property to support the bridge ramps.
20 And then otherwise, we're still looking at the
21 initial conveyance of TI property in 2013. And that
22 would include -- not sure why I didn't have it on here,
23 but the initial conveyance would include portions of
24 Treasure Island and the remainder of YBI that hadn't
25 been -- that isn't -- isn't transferred with the bridge

1 ramps at the end of 2012. So 2013, combination of TI,
2 portion of TI and YBI.

3 And then, of course, the major milestones for
4 that pre-closing convey -- conveyance, that letter we
5 received from CDPH and completing FOST 3 and then
6 completing a covenant to restrict use of property, and
7 we have no early transfers planned at this time.

8 And then the rest of the conveyance of property
9 at Treasure Island will occur in phases as the
10 environmental work is completed.

11 So that's really it. Any updated -- Any
12 questions on property conveyance?

13 MS. WALTERS: No.

14 MR. SULLIVAN: So that brings us to field
15 activities, and I'll turn it over to Brian.

16 MR. HOLMGREN: All right. Good evening,
17 everyone. I'm Brian Holmgren with Shaw Environmental,
18 and I'll provide -- be providing an update on the field
19 activities that we performed over the past two months
20 since the last RAB meeting.

21 And we will start with Building 233. 233, we
22 are in the latter stage of the remediation process.
23 What we completed on June 19th was the removal of the
24 sewer line. We surveyed it, and we placed the piping in
25 bins so it could be properly disposed of as LLRW.

1 What we have coming up this week is we are
2 going to start characterizing and then remove two
3 additional utility lines, those being a second sewer
4 line and then also a steel line which we believe is a

5 former storm drain line.

6 Also what's left to do at Building 233 is to
7 characterize and remove that utility vault that is
8 located on the northern part of Building 233 area.

9 Once those have been removed, then what we're
10 going to do is perform the final status survey of that
11 area.

12 So here's some photos. This [Slide 3] is the
13 trench of the sewer line that we recently removed. You
14 can see the sewer line cut there at the end of the
15 photo.

16 This next photo shows the trench being covered
17 with plastic.

18 And then this [Slide 5] is a photo of the
19 utility vault that I just talked about.

20 And then just to summarize again, the path
21 forward for 233 is to remove those two utility lines, to
22 remove that utility vault, and then to perform the final
23 status survey.

24 And that's the update for Building 233. Any
25 questions?

134

1 (Pause; no response elicited.)

2 If not, we will move on to Site 12.

3 Okay. I'm going to start talking about the
4 SWDA A and B portion of Site 12. That is the location
5 that is near Westside Drive.

6 What we currently have going on there at SWDA A
7 and B is the planned demolition of some unoccupied
8 buildings.

9 So in preparation for the demolition, what

10 we're going to be doing and what we have done, actually,
11 in July is we went into the buildings and removed the
12 trash and debris inside those buildings, and we also did
13 some of the mold controls.

14 And what we will be doing next is we will be
15 characterizing the inside of the building with
16 radiological surveys. In order for our workers to do
17 that safely, we have to abate some of the mold that we
18 found inside some of those buildings. So that's one
19 issue at SWDA A and B.

20 The other thing coming up on the horizon is
21 some additional excavation work at SWDA A and B. That
22 is probably going to be performed a little bit later and
23 under a new contract.

24 So in the meantime, for health and safety
25 purposes what we're going to do is some of those open

135

1 excavations that have groundwater, we are going to
2 backfill those areas so that there's no more groundwater
3 exposed.

4 And then some photos for the SWDA A and B for
5 the building demolition portion, this [Slide 3] is just
6 a photo of some trash and debris inside this unoccupied
7 building.

8 And then here [Slide 4] is a photo of some of
9 the mold that we found on the walls.

10 MS. SMITH: Wow.

11 MR. HOLMGREN: And I just want to stress, this
12 is unoccupied building.

13 MR. SULLIVAN: I mean, these are --

14 MR. HOLMGREN: These will be --

15 MR. SULLIVAN: I mean, these are buildings that
16 have essentially been sitting there since 1997 at the
17 latest. Some of that housing was vacated as the base
18 phased down probably in 1996.

19 DANIEL HOROWITZ: Can I just ask quickly, has
20 any --

21 MR. HOLMGREN: Yes.

22 DANIEL HOROWITZ: -- of that been like black
23 mold or anything like that, or is it -- is it more kind
24 of garden-variety stuff or . . . ?

25 MR. HOLMGREN: I don't know the details on

136

1 that. I can see if I can find out that information.

2 MS. WALTERS: Yeah. Was it speciated? Did you
3 get the -- because there's so many different types of
4 molds.

5 MR. HOLMGREN: Yeah. I don't know the
6 specifics on that.

7 MS. WALTERS: Right.

8 MR. HOLMGREN: But I can see if I can find out.

9 MR. SULLIVAN: I mean, in this particular case,
10 we weren't -- we weren't seeking to abate the mold.
11 It's done in preparation for demolishing the building.

12 MS. WALTERS: Right.

13 MR. HOLMGREN: Yeah.

14 DANIEL HOROWITZ: Well, my only concern, I
15 don't know how easy it is for mold to transfer. I know
16 that from a friend who had a real problem with it, it
17 cost huge amount of health problems and then whether --
18 and, you know --

19 MS. ATTENDEE: It can.

20 MS. WALTERS: It can. It definitely --
21 DANIEL HOROWITZ: -- you know, if you're
22 demolishing, you want to do it safely so that it's like,
23 you know, not -- it's -- it can infect other housing
24 units, I would assume.
25 MR. HOLMGREN: Yeah, and also the -- as a

137

1 reminder, we are going to have our workers go into these
2 buildings so they can perform the radiological surveys.
3 So we want it safe inside those buildings for our
4 workers as well --

5 DANIEL HOROWITZ: Right. But I mean, just --

6 MR. HOLMGREN: -- but --

7 DANIEL HOROWITZ: -- the mold --

8 MR. HOLMGREN: Yes.

9 DANIEL HOROWITZ: -- itself is -- apart from
10 radioactivity is -- can be incredibly toxic.

11 MR. HOLMGREN: Oh, yeah, absolutely.

12 MS. SMITH: But what also he is saying is
13 there's the possibility -- there's potential for the
14 mold to be disbursed --

15 DANIEL HOROWITZ: Right.

16 MS. SMITH: -- if it's not properly handled
17 when you demolish the buildings, kind of like what you
18 did with 233 where you basically put it in a tent and
19 took it down.

20 Is Shaw prepared to do any kind of --? Do you
21 have a work plan yet for this?

22 MR. HOLMGREN: Yeah, there is a work plan.

23 MR. COUTTS: Excuse me. Can I just add to what
24 Brian's saying? We are decontaminating for the mold

25 before we do any demo work. So -- and we are doing that

138

1 for worker safety as well. And we identify the mold
2 issues, we're decontaminating mold before we go in and
3 do the rad surface.

4 MS. SMITH: So when it comes down, spores will
5 not be spread?

6 MR. COUTTS: Right.

7 MS. SMITH: Okay.

8 MR. HOLMGREN: Okay. So we'll move on to
9 another portion of Site 12.

10 We did some soil gas investigation around
11 Buildings 1311 and 1313. The soil gas sampling was
12 performed between July 18th and the 24th.

13 What we did was reinstall subsurface wells,
14 four of them around the northwestern end of
15 Building 1311 and then eight wells around
16 Building 1313.

17 Since some of the wells were located in the
18 backyards, two of them at 1311 and five of them at 1313,
19 we did send advanced notice so the residents could be
20 prepared.

21 We have sampled -- We have taken samples from
22 those wells. It is currently at the laboratory, and we
23 are expecting analytical results to come back -- I
24 believe some of them will start coming back this week.
25 So we'll be analyzing the data, and we will be writing a

139

1 report so one can look at the results.

2 If we don't have to go back to any of the

3 wells, we do tentatively plan to go back to them around
4 September to demolish the wells.

5 And then this is a -- the next slide [6] is a
6 figure showing where we had planned on collecting the
7 soil gas samples. One side note: There was one
8 location at 1313 we were not able to collect in the
9 backyard, but the other eight locations we did.

10 And here is a photo [Slide 7] of workers
11 installing the soil gas well adjacent to the building.

12 And this is a couple photos of the
13 instrumentation that we use to make sure that when we
14 collected the soil gas wells, everything was
15 quality-control checked.

16 MR. GEE: Brian, is that above ground, or is
17 that below ground?

18 MR. HOLMGREN: I'm sorry. Which --? This
19 photo?

20 MR. GEE: The monitoring wells.

21 MR. HOLMGREN: The wells are below ground.

22 MR. GEE: How deep are they?

23 MR. HOLMGREN: They get -- They go about 3 to
24 5 feet. But the water level at some locations are as
25 high as 2 feet below ground surface. So when we

140

1 collect, we have to make sure we collect from above the
2 ground surface, obviously. But yeah, it's as shallow as
3 2 feet, 3 feet in some conditions.

4 Okay. Any questions on the soil gas
5 investigation?

6 ASHLEY BATES: Why couldn't you collect at
7 1313?

8 MR. HOLMGREN: The backyard that we could not
9 collect from, there was a lot of water in the ground,
10 saturated. And since the ground was saturated, we could
11 not collect the soil gas.

12 MR. SULLIVAN: So we still collected from --

13 MR. HOLMGREN: We had nine planned. We
14 collected from eight locations.

15 MR. SULLIVAN: Yeah. So we made --

16 MR. HOLMGREN: It was --

17 MR. SULLIVAN: So we made a decision that
18 because we needed -- because we had already been able to
19 collect eight samples, that it wasn't important to
20 collect that ninth sample. We had enough data to be
21 able to proceed.

22 MR. HOLMGREN: Yeah, and it was from Unit C.
23 So we did have two samples collected from, like, the
24 south end, and we had three collected from the north
25 end. So we had that area kind of down there as well.

141

1 Yes.

2 DANIEL HOROWITZ: I know this is about one
3 particular site. I'm just wondering if -- I mean,
4 because there's been a lot of discussion about not
5 digging and that sort of thing or not planting.

6 And is soil gas in general issue in the
7 residential area in Treasure Island?

8 MR. SULLIVAN: No.

9 MR. HOLMGREN: Just in this particular area.

10 DANIEL HOROWITZ: No?

11 MR. SULLIVAN: Yeah. This -- In this
12 particular area, in the 13 -- what we refer to as the

13 1311-1313 area, there's some -- there's some deep
14 petroleum.

15 DANIEL HOROWITZ: Right.

16 MR. SULLIVAN: I believe it's -- it's -- I
17 believe it's -- it's diesel related. And it's deeper in
18 the soil. We -- we have been -- So we're looking at
19 that area to plan future remediation. But as part of
20 that, we wanted to collect some -- some soil gas
21 samples.

22 DANIEL HOROWITZ: Okay.

23 MR. SULLIVAN: But this is the only area of
24 its -- of its type in the -- in the housing area.

25 DANIEL HOROWITZ: So soil gas is not a general

142

1 issue in --?

2 MR. SULLIVAN: No. Actually, it's part of
3 another investigation. We collected soil gas samples
4 from other locations within the housing area, and the
5 results didn't -- didn't warrant any further
6 investigation.

7 DANIEL HOROWITZ: Thank you.

8 MR. HOLMGREN: Okay. Any other questions?

9 Yeah. Yes.

10 ROI LIVNE: I wanted to ask, the radiological
11 survey, you mentioned that you're going to start it only
12 this month. And the fence has been there for a couple
13 of years with warning signs. So why only now?

14 MR. HOLMGREN: I'm sorry. What --?

15 ROI LIVNE: The radiological survey.

16 MR. HOLMGREN: For which --?

17 MR. SULLIVAN: Oh, for the buildings.

18 MR. HOLMGREN: For the building demolition?
19 ROI LIVNE: For Site 12.
20 MR. SULLIVAN: No.
21 MS. DONAHUE: There's been a fair amount of
22 other radiological surveys there. The one that Brian's
23 talking about is inside those buildings.
24 ROI LIVNE: Inside the buildings. Okay.
25 MS. DONAHUE: And that is not impacted.

143

1 ROI LIVNE: And that is not impacted. Okay.
2 MR. SULLIVAN: And that's for the -- for the
3 purpose of being able to classify the material so that
4 when the building is demolished that it can be properly
5 hauled off.
6 MR. HOLMGREN: Okay. So that's the update for
7 the soil gas investigation.
8 Also within Site 12 is Bigelow Court. This is
9 a court with unoccupied buildings. We do plan to have
10 some work starting in the fall, but right now we are
11 still finalizing the work plan. But field work will
12 probably start right after the next RAB meeting. Okay.
13 MS. WALTERS: In October?
14 MR. HOLMGREN: Yeah. Probably late October is
15 when we're targeting the start.
16 MR. SULLIVAN: Depending on all -- All
17 dependent of when the work plan's finalized.
18 MS. WALTERS: Got it.
19 MR. HOLMGREN: And then we also included a
20 figure [Slide 11] of the Perimeter Road access since
21 this is something some people are very interested in.
22 This has not changed since the last RAB meeting two

23 months ago.

24 If you're looking at the blue strip areas,
25 those are the areas that are accessible by the public.

144

1 This pink area, which is along Westside Drive, that is
2 within one of our sites where we're doing remediation.
3 So this stretch of Perimeter Road is not accessible by
4 the public.

5 And then also around the Site 6 area, the
6 northeast side of Treasure Island, that is also -- that
7 has been used for remediation purposes and is not
8 accessible. And this is -- this hasn't changed in quite
9 a while.

10 Okay. And that's the update for Site 12.

11 DANIEL HOROWITZ: Pardon me. Is that --? So
12 this area that -- the purple area --

13 MR. HOLMGREN: Yes.

14 DANIEL HOROWITZ: -- that's the area that's
15 right down the street here, yes?

16 MR. HOLMGREN: It's -- No. You have to
17 keep --

18 MR. SULLIVAN: No. Past Ni -- North of Ninth
19 Street. You know, that's the -- it --

20 DANIEL HOROWITZ: It's not the --?

21 MR. SULLIVAN: It's on Westside Drive -- it's
22 on -- Westside Drive is like a little loop street.

23 DANIEL HOROWITZ: I'm sorry. So --

24 MR. SULLIVAN: That's where that's located.

25 MR. HOLMGREN: If you -- if you drive on the

145

1 island and you come to the end where you have to take a
Page 122

2 right turn --
3 MR. SULLIVAN: It's right --
4 MR. HOLMGREN: -- that's about right here.
5 MR. SULLIVAN: It's right here.
6 DANIEL HOROWITZ: And we are where? I'm sorry.
7 MR. SULLIVAN: Oh. We -- we're right here
8 [indicating].
9 DANIEL HOROWITZ: Okay. So yeah, this is where
10 I'm thinking of. I'm just -- 'cause I --
11 MR. SULLIVAN: Or I'm sorry. We're talking
12 about right here, yeah, right here, right there.
13 DANIEL HOROWITZ: And you can --
14 MR. HOLMGREN: Around the bend.
15 DANIEL HOROWITZ: You can walk around most of
16 these areas but not in the -- in the purple area -- near
17 the purple area?
18 MR. HOLMGREN: Yes. We have fences on both
19 ends of this -- our --
20 DANIEL HOROWITZ: Right.
21 MR. HOLMGREN: -- portion of Perimeter Road.
22 DANIEL HOROWITZ: And is it -- and is it safe
23 walking around? I assume it is 'cause you guys . . .
24 But I mean, I -- that's a walk I frequently take. So
25 I'm just like --

146

1 MR. ATTENDEE: Oh, yeah.
2 MR. HOLMGREN: It's open to the public --
3 DANIEL HOROWITZ: Yeah, yeah.
4 MR. HOLMGREN: -- yes.
5 MR. CLARK: Yes.
6 DANIEL HOROWITZ: And what --? Just to

7 clarify, and the purple area has what in it? Is it --

8 MR. SULLIVAN: Well, this is --

9 DANIEL HOROWITZ: -- questionable or . . . ?

10 MR. SULLIVAN: Well, this is -- this is one of
11 the areas where we are doing radiological cleanup, but
12 it's a -- but the original reason -- the reason for
13 closing the road is equally just because we're doing
14 excavation work, and the excavation work is within a few
15 feet at the Perimeter Road. And we have -- and some
16 days we have, depending on what's going on, these large
17 pieces of equipment, it's just -- it's just too close to
18 the -- to that Perimeter Road to have people just
19 strolling by.

20 DANIEL HOROWITZ: Okay, but wasn't that
21 residential area at one point or --? 'cause that's
22 what -- that's what it kind of looks like. It was
23 all . . .

24 MR. SULLIVAN: It was originally when the base
25 was operating, but --

147

1 DANIEL HOROWITZ: Yeah.

2 MR. SULLIVAN: -- it's been closed since 1997.

3 DANIEL HOROWITZ: And -- but -- and -- but
4 there's a concern about possible toxins there or -- I
5 mean, is that why it's closed off or . . . ?

6 MR. SULLIVAN: Well, no. This is one -- this
7 is one of the areas that we identified as a -- as a area
8 where materials had been disposed of. And so we have
9 been remediating it for -- for chemical contaminants
10 including lead and for radiological contamination,
11 both.

12 DANIEL HOROWITZ: The Navy dumped radiologic
13 and chemical stuff in what was residential area?

14 MR. SULLIVAN: This all occurred prior to --
15 this all occurred prior to the residential area being
16 built.

17 DANIEL HOROWITZ: Oh.

18 MR. SULLIVAN: The disposal may have taken --

19 DANIEL HOROWITZ: I see.

20 MR. SULLIVAN: -- place sometime in, you know,
21 '40s, '50s.

22 DANIEL HOROWITZ: I see.

23 MR. SULLIVAN: And then the housing was
24 constructed beginning in 1968.

25 DANIEL HOROWITZ: So the other residential

148

1 area -- So I live, like, on the -- Mariner Drive, you
2 know. So that -- that area there's no concern that
3 there's been either radiologic or chemical toxins dumped
4 underneath or that was subsequently built over with
5 housing?

6 MR. SULLIVAN: Yeah. In a nutshell --

7 DANIEL HOROWITZ: Yeah.

8 MR. SULLIVAN: -- it's a big -- it's a --

9 DANIEL HOROWITZ: Yeah.

10 MR. SULLIVAN: -- big topic.

11 I mean, we conducted multiple phases of
12 investigation over the years. And we recently in June
13 issued a -- a -- what we call the Site 12 -- Final
14 Site 12 Remedial Investigation Report. And so that
15 documented all of the chemical -- investigation for
16 chemical contaminants that we had -- that we had done

17 in -- outside of the areas that we're currently
18 excavating.

19 And part of that -- As part of that work back
20 in 2003, we excavated about 600 trenches. Basically, we
21 gridded the housing area with trenches on about a
22 40-foot spacing. And as part of that investigation, we
23 were looking -- we were looking for visual signs of
24 debris. We were testing for chemical contamination.

25 And then we did -- also did a radiological scan

149

1 of the hole and the soil that came out of the hole.

2 And --

3 DANIEL HOROWITZ: In all -- in all the
4 different residential areas that are currently
5 occupied --

6 MR. SULLIVAN: Yes.

7 DANIEL HOROWITZ: -- now?

8 MR. SULLIVAN: Yes. And we basically found
9 nothing.

10 There were a couple of excavations where we did
11 get some elevated readings. We thought it might be due
12 to some naturally occurring gravel material. So we sent
13 the gravel off to the lab and confirmed that it was the
14 gravel that was giving us those readings.

15 DANIEL HOROWITZ: But we --

16 MR. SULLIVAN: In some cases, there is some --
17 some naturally occurring material that's -- that's
18 naturally elevated in radioactivity, things like gravel,
19 for example.

20 DANIEL HOROWITZ: Right. But we are still --
21 I'm sorry. Just one last thing.

22 We are still warned away from, you know, like,
23 either digging or planting.

24 MR. SULLIVAN: Yeah. And as I -- as I -- as I
25 mentioned before, we --

150

1 DANIEL HOROWITZ: Yeah.

2 MR. SULLIVAN: -- we -- we -- you know, we
3 established with TIDA this, you know, precautionary
4 restriction on gardening in the housing area while the
5 investigation was still proceeding.

6 So at some point in the investigation in
7 conjunction with the State, you know, we will be able
8 to, you know, reach a conclusion that we can take that
9 restriction off, but --

10 DANIEL HOROWITZ: And TIDA is the acronym for
11 the Treasure Island --

12 MR. SULLIVAN: -- the Treasure Island
13 Development Authority --

14 DANIEL HOROWITZ: Oh.

15 MR. SULLIVAN: -- yes, yes.

16 ASHLEY BATES: In this area you're talking
17 about, have you found any of these -- I think you're
18 calling them foils, these octagonal metal disks --

19 MR. SULLIVAN: Yeah.

20 ASHLEY BATES: -- that contain radium-226?
21 They've been found in this area, right, that you're
22 talking about here?

23 MR. SULLIVAN: Only in Westside, yeah. The
24 only place that we found -- that we found what we have
25 been referring to, foils, is in -- is in this area

151

1 [i ndi cati ng].

2 ASHLEY BATES: Okay. So thi s gentleman over

3 here was talki ng about walki ng, you know, ba- --

4 You sai d you walked by that area sometimes?

5 DANIEL HOROWITZ: Well, to the edge of it,

6 yeah.

7 ASHLEY BATES: Okay. So --

8 MR. HOLMGREN: It's been stopped.

9 MR. SULLIVAN: Yes.

10 MR. HOLMGREN: It's been stopped.

11 MR. SULLIVAN: It's been stopped at ei ther

12 end. So you can' t --

13 MR. HOLMGREN: You can' t walk i n that area.

14 MR. SULLIVAN: Yeah. So --

15 DANIEL HOROWITZ: You can walk around.

16 MR. SULLIVAN: -- that was the whol e reason

17 there's a gate -- there's a gate here and there's a gate

18 here [i ndi cati ng]. And that's been up for the durati on

19 of the --

20 ASHLEY BATES: Okay.

21 MR. SULLIVAN: -- proj ect.

22 ASHLEY BATES: Can you j ust sort of put i n

23 laymen's terms i f you -- i f I were to hold one of these

24 foils, one of these metal disks, whatever you call them,

25 what you -- where -- that you've been fi ndi ng there,

152

1 what impact woul d that have on my body i f I had one of

2 those i n my hand, for exampl e?

3 MR. SULLIVAN: Chris, can you fi el d that?

4 MS. WALTERS: Yeah, Chris, yeah. Chris --

5 MR. HOLMGREN: I think that would be -- expert
6 is Christine, our RSO.

7 MS. DONAHUE: All right. Well, it depends on
8 how much activity is in that particular one. So there's
9 a tremendous amount of variation in those foils.

10 Worst case -- and there's the case where,
11 again, I can just take it home, environmental level
12 versus protection for you are radically different.

13 So the levels that they were seeing, a
14 single-item commodity is not something you would want to
15 hold. Those have been remediated. It's our term for
16 when they are identified which they're so easy to see.
17 You can see them from across the room with a detector.

18 Those were remediated, I think, years ago, I
19 mean, at least two years ago. Most the ones in the
20 areas that are purple that were easy to find, you easily
21 can find them. You secure them and dispose of them as
22 low-level rad waste.

23 What is left to do -- and there's other areas
24 too --

25 ASHLEY BATES: So they're considered low-level

153

1 rad waste, these metal foils?

2 MS. DONAHUE: Yes. And there is no high-level
3 rad. Your high-level term was used for -- it's called
4 "HLW," high --

5 ASHLEY BATES: There were three high-level rad
6 shipments off this island.

7 MS. DONAHUE: No.

8 MS. WALTERS: No.

9 MS. DONAHUE: The term is only for nuclear

10 reprocessing of fuel out of a nuclear power plant.

11 So when you say that term, it implies this is
12 fuel recycling. You take a fuel rod out of the nuclear
13 power plant, and then you reprocess it to have it go
14 different places. That's the designation of "HLW" for
15 high-level waste. We don't have anything high level
16 here.

17 "High level" is a relative term. You go to a
18 hospital and you get an x-ray or a CAT scan. That could
19 be considered high levels, far more damaging than
20 picking up one of these radium soi -- foils. Even a
21 visit to the dentist, you get millirem much more than
22 this foil.

23 So that's why in radiation protection, you
24 don't use the term "high level." That's a designated
25 term only for waste, and it's only to do with screen

154

1 process in the process, because it depends on the
2 environment.

3 You can say I'm doing environmental remediation
4 of all these sites. My highest level might be Site 12,
5 but it doesn't mean that it's necessarily more hazardous
6 than -- I was just talking of going to Home Depot and
7 getting all the potash or fertilizer that has
8 potassium-40 in it, popping it on the chair, it's the
9 same dose rate as I would get from the type of foil
10 there.

11 So it really -- to quantify that in, you know,
12 can I hold it, well, how much? Which one? What
13 activity? What form is it in? There's so many
14 questions to ask. So it's a huge variety of foils.

15 Now -- and it's not just foils. It's buttons. It's
16 the -- you know, your granddad used to have --
17 ASHLEY BATES: But there's a big difference in
18 what I understand between the --
19 MS. DONAHUE: Pardon?
20 ASHLEY BATES: -- foil and the button.
21 The button is, like, two --
22 MS. DONAHUE: No. No. Actually -- no. The
23 foil is not necessarily the highest activity
24 level of what was found. The tips of the
25 instrumentation on the ships and stuff where you have

155

1 vetted the radium foil -- or the radium paint, we would
2 use that. And it -- actually, some of the hands off the
3 watches that they had at the same time would end up in
4 this for higher activity than foil.

5 So the foils -- The other thing about the
6 foils is they disintegrate. So they would be in part of
7 the soil, and that's why when I said you picked up a
8 piece -- a bucket.

9 So you might go in an area it might have been a
10 distinct commodity button with a tip off of that thing,
11 but it may be a piece of foil that disintegrated. So we
12 have to take a bigger area to get down to these
13 environmental levels, which are far lower than anything
14 you can get even if you took all that fertilizer at Home
15 Depot and had to go get three x-rays on your teeth. If
16 you add up the actual dose for the impact biological
17 system, it would be far, far less.

18 So it's just a huge -- and I wish I could give
19 you an A-B-C answer for this.

20 ASHLEY BATES: It's a good answer.
21 MS. WALTERS: It's a range.
22 MS. ATTENDEE: So if we have a high
23 concentration, if I have a whole bunch of buttons and a
24 whole bunch of foils and a whole bunch of watches all in
25 this area, what then? So you --

156

1 MS. DONAHUE: Then it's --
2 MS. ATTENDEE: I mean, if we're talking about
3 one and it has no incline, but I'm talk -- I'm talking
4 about a thousand, what's the impact then?
5 MS. DONAHUE: Yeah. Well, well, one thing is
6 there were -- what we love to do in our field is find
7 it. So that means it was easy to see. You got a lot --
8 It's a higher activity, so it's a bigger signal on the
9 instruments.
10 And those guys with the instruments, they live
11 to have that thing go off. So if they -- if that's
12 there, they found it. It's already been remediated.
13 We're now in this environment very, very small,
14 so we have to -- I wish we had a picture of the -- we
15 have a gamma walkover -- what we call a gamma walkover
16 unit, but it has a detector, a 3-by-3 crystal, that
17 slowly at half the, you know, meter per second it moves
18 over the soil because it can't go fast, or the detector
19 will miss the case.
20 So if you have a lot in one place, it's found.
21 It's easily detected, and that's what we're here to do.
22 Our trick is to find the stuff that's in little tiny
23 bits so that we can remediate anything, and that's what
24 takes a long time.

25

MS. ATTENDEE: And is this just at ground

157

1 level, or how far below ground level are --?

2 MS. DONAHUE: Yeah, that's a great question.

3 It goes down -- This particular unit goes down for --

4 again, it's the quantity. Is it a button there, or do I

5 have six of those buttons there? So if there were six

6 of them, I can go down 6 feet. If there's one, I can go

7 down 1 foot. That's how this instrument is calibrated,

8 calibrated for what our remediation or release criteria

9 is . . . So if it's above background --

10 THE COURT REPORTER: Can you speak up, please?

11 I'm struggling to hear this.

12 MS. DONAHUE: Oh, I'm s- -- I forget.

13 THE COURT REPORTER: Yeah.

14 MS. DONAHUE: So anyway, it really is tied to

15 how much in the soil when I say how far down I go. So

16 for environmental levels, this detector at that very,

17 very low limit that the Navy has set for this site,

18 which is below, which means the detector has to be

19 really good, we go 6 inches in soil.

20 And that's not a button. That would be a teeny

21 piece of maybe a foil, I mean, because when you get a

22 button, that's a lot more activity. And I can bury that

23 button 4 feet down there, and I can see it.

24 So in reality we can get way down there. The

25 restriction is then water comes up. So then we have to

158

1 do something else to get down closer because the water

2 will continue the energy from this.

3 So -- Oh. A limiting factor on this island is

4 the water. So we were always balancing that, how far
5 down do we go. We hit water. So all the detection
6 stuff is coordinated.

7 MS. ATTENDEE: And then for this area right
8 here is fenced off, but how far the area that's being
9 tested, how far away is it from the fence?

10 MS. DONAHUE: Oh, yeah. So there's -- the
11 fencing we have a different types of detectors, and one
12 of them is a dose rate which drives where you put your
13 fences. So if there were something that was giving a
14 dose rate of 5 millirem per hour at 30 centimeters, we
15 must post it as a radiation area.

16 When you walk around this site, you don't see
17 any radiation area signs. You see "Radioactive
18 material," "Contamination." It's conservatively posted
19 in a couple areas. "Contamination area" means something
20 very different from radiating from.

21 So we don't have those levels that drive that.
22 What we're doing is we post conservatively so that we
23 never see a dose rate that would actually require that
24 we restrict from the penetrating. It's preventing you
25 from having inadvertent access where you can get in a

159

1 small amount and track it around.

2 Contamination is the biggest concern because we
3 don't want to -- we know where it is. We don't want it
4 tracked. We don't -- and we haven't finished the
5 remediation process in there. So we secure it.

6 And everything we've been able to see has been
7 removed. But there's still more work to do, so it's
8 fenced off to protect that.

9 MS. ATTENDEE: So it's not right up against --?

10 MS. DONAHUE: No. No. You can't -- I wish I
11 could take the meters out and show you that you can walk
12 a meter, and then I can bring bananas, and bananas would
13 go off, but nothing would go off on the fence, because
14 there's potassium-40 in the bananas. So if I have a
15 good enough instrument, I can actually see it.

16 And don't stop eating bananas.

17 But, you know, it's everywhere. If --
18 Understand, the background radiation there is there
19 first, and our job is to differentiate between the
20 background level and what has -- could be potential
21 environment impact that we need to remediate and take
22 off as safe for the environment.

23 ASHLEY BATES: I have a question about
24 background level.

25 MS. THEROUX: I'm sorry, Ashley, just to

160

1 interrupt.

2 ASHLEY BATES: Okay.

3 MS. THEROUX: He's had his hand up a couple of
4 times.

5 MR. ATTENDEE: It's okay. I'll defer.

6 MS. THEROUX: Okay.

7 ASHLEY BATES: Okay.

8 THE COURT REPORTER: Speak up, please.

9 ASHLEY BATES: Okay.

10 So I had a question. You mentioned background
11 level of radiation. The Ninth Street playground was
12 used as -- originally as a -- I don't know what you call
13 it, but like the --

14 MS. ATTENDEE: Background area.

15 ASHLEY BATES: -- the background area for
16 radiation. And they found elevated levels of radium and
17 thorium there, right?

18 Now, I understand that those aren't dangerous
19 levels, but that seems very odd that that would be a
20 site for background radiation.

21 MS. DONAHUE: Well, you don't know it till you
22 get there, and that's what so fun about this. You don't
23 know until you get there with the right
24 instrumentation. You think it's a good one, but -- and
25 it's naturally occurring.

161

1 And just like there was a vein of uranium in
2 the -- in a rock behind -- I used to work at Berkeley.
3 This one building, that every time we took our
4 instruments up, we could never use it for background.
5 It was just the way the hill was built. So we knew that
6 that vein was there. So we stayed away from that when
7 we were doing that.

8 So this -- there was no way to predict, and
9 particularly because all of the soil on this island was
10 brought in and put on this island. So you can't really
11 look at, you know, any of the historical about where
12 these plate tectonics came up or anything. They dredged
13 the soil and brought it here. So it's -- it's a
14 mystery.

15 Everywhere we go when we try to get background,
16 you learn a lot about the island and material. But none
17 of those levels are any different than the average from
18 Northern California. It just is not the one you wanted

19 to pick for this area.

20 There was also some thought that, you know,
21 there's naturally occurring thorium in bricks, the fire
22 bricks, at the back of your fireplace, that lead-paint
23 brick. They're storing higher concentrations in that
24 and everything, and that's in the soil as well.

25 MR. MIYA: I have a comment too related to

162

1 that. You're absolutely correct, you wouldn't expect
2 there to be some -- some readings there that they
3 found. But you even have situations where you have,
4 like -- forgive me for the term -- granitic sand from
5 granite. And that has sort of naturally higher
6 radiological concentrations too, but that's just from
7 the granite rock.

8 And so the recommendation from CDPH was that
9 just don't use that area as background because it's
10 not --

11 MS. DONAHUE: Right.

12 MR. MIYA: -- consistent with --

13 MS. DONAHUE: And it was --

14 MR. MIYA: -- what the rest of the site is.

15 And so -- but you're absolutely correct also in
16 that they didn't really find something that was
17 potentially dangerous for human health there.

18 But you're totally correct in that they found
19 some unexpected readings there. But that's why you --
20 You choose the best you can; but then when you find that
21 it's not suitable, then you move on to another area. So
22 you're absolutely correct.

23 ASHLEY BATES: When you find slightly elevated
Page 137

24 levels like that, is it cause for, you know, digging
25 further and --?

163

1 MR. MIYA: At the -- at the levels that they
2 found, not necessarily.

3 Like, just again, as an example, there was
4 some -- back from the material that they have used, not
5 here, but at other places, they -- when they were doing
6 construction on the Moscone Center, there was some soil
7 that was taken from there as part of construction and
8 used in various places for backfill.

9 But that material is -- it's like granitic
10 sand, and it has some sort of elevated radiological
11 readings, not anything that's, you know, dangerous from
12 a human health perspective, but certainly ones that are
13 like a little higher, kind of like what she was talking
14 about, thorium in the bricks, they wouldn't want to use
15 as background 'cause it's just naturally higher.

16 MR. ATTENDEE: So why did you use it?

17 MS. DONAHUE: We didn't.

18 MR. MIYA: No, no, no, no.

19 MS. DONAHUE: As soon as we did --

20 MR. ATTENDEE: There was a comment from the
21 Department of Public Health?

22 MR. MIYA: Yeah. What happened was at this
23 other place, maybe when they used it, they didn't have
24 instruments that detected that low of concentrations of
25 radiological things. But then when they went back later

164

1 with some of these scanning materials that she was

2 talking about, they noticed that in these, like,
3 distinct areas where they took a map and they overlaid
4 it with where this backfill material was, it, like,
5 corresponded exactly to where that was.

6 And so, yeah, if they were to consider that
7 material now for use as backfill, it wouldn't be
8 accepted. But it's because at the time the
9 instrumentation that was available couldn't detect that
10 low. So . . .

11 ASHLEY BATES: How --

12 MR. SULLIVAN: So --

13 ASHLEY BATES: How --?

14 MR. SULLIVAN: Oh.

15 ASHLEY BATES: What was the quality of --? Can
16 I --? May I ask a question?

17 MR. SULLIVAN: Yeah. We can go one more
18 because we've got other --

19 MS. WALTERS: We have a lot to -- we have a lot
20 to cover --

21 MR. SULLIVAN: Right, to go through.

22 MS. WALTERS: We really have a lot to cover.

23 MR. MIYA: You can -- you can ask me.

24 ASHLEY BATES: I'll ask you later.

25 MR. MIYA: Yeah, yeah.

165

1 ASHLEY BATES: Okay.

2 MR. MIYA: Yeah.

3 MS. THEROUX: Could be asked after, but we want
4 to get through the presentation.

5 ROI LIVNE: Actually, so I understand here that
6 there was radium-226 taken out of the site there, okay.

7 And I understand your theoretical explanation, which is
8 great. Thank you for that.

9 How much radium-226 was taken out of the site
10 there? What are the levels of contamination of the
11 materials that were taken off the site there?

12 MS. DONAHUE: I have an accounting of how much
13 we took out when we were monitoring it. So I have
14 that. I'll give it to you --

15 ROI LIVNE: Why hasn't it -- isn't --?

16 MS. DONAHUE: -- picocuries, curies, what -- I
17 don't know which one you want. I don't know what you
18 want by material. I mean, it's information.

19 MR. SULLIVAN: Yeah. Ultimately everything we
20 do, there will be a summary report issued.

21 MS. WALTERS: Yeah.

22 MR. SULLIVAN: So that will document what was
23 done, what were the results.

24 ROI LIVNE: Why hasn't it been published yet?

25 MR. SULLIVAN: Pardon?

166

1 ROI LIVNE: Why hasn't it been published?

2 MS. SMITH: It's not published.

3 MR. SULLIVAN: Well, partly because the work
4 hasn't been -- been completed yet. On Westside Drive
5 area, it's still a work in progress. So once we
6 complete all the work, then we'll -- then we'll issue a
7 report on the work that was done. So it takes -- it
8 takes time.

9 And that report will go out in a draft first.
10 Regulators will review it, see if it's a sufficient
11 report or not, give us comments. We'll finalize the

12 report.

13 ROI LIVNE: And the documents that you signed,
14 the shipments that you signed on five years ago were not
15 from Site 12? They were from somewhere else?

16 MR. SULLIVAN: Actually, I don't -- I'm not
17 sure what you're referring specifically to. So --

18 ROI LIVNE: I'm referring from two shipments
19 from North Point and Bayside.

20 MR. SULLIVAN: Well, Bay- -- North Point and
21 Bayside are in Site 12.

22 ROI LIVNE: So five years ago there were
23 shipments that you signed contained lead and PCB despite
24 the fact that they had contamination in them; they
25 contained radioactive material?

167

1 MR. SULLIVAN: No. We -- At Bayside and North
2 Point we separated out the soil into radium conta- --
3 radiological contaminated and nonradiological
4 contaminated. So those are two separate -- two separate
5 shipments.

6 ROI LIVNE: Are you denying that five years ago
7 there were shipments from Site 12 that contained
8 radioactive materials?

9 MR. SULLIVAN: No. There were. There were.
10 From Bayside and North Point in the 2007 time frame,
11 yes.

12 ROI LIVNE: Why hasn't that been published
13 yet? Five years have passed.

14 MR. SULLIVAN: Well, originally -- originally
15 we were going to complete the work at Bayside and North
16 Point and West Drive -- Westside Drive all together and

17 then issue one report. But the work at Westside Drive
18 has taken longer than we expected, and so we finally
19 made the decision to write the reports on Bayside and
20 North Point, and so --

21 ROI LIVNE: They --

22 MR. SULLIVAN: -- those will be issued draft --

23 MR. HOLMGREN: Yeah, it's currently in
24 progress, that report.

25 ROI LIVNE: Okay.

168

1 MR. SULLIVAN: -- sometime in the next couple
2 of months.

3 ROI LIVNE: It's been in progress for five
4 years, basically. You found radioactive material, but
5 you -- you've taken five years to publish your report
6 about it?

7 MR. SULLIVAN: Well, we basically -- I mean, we
8 collected the data, and we were going to -- we were
9 going to wait to complete the work at Westside Drive;
10 but then because it's taken longer than expected, we
11 finally decided let's just go ahead and finish the
12 report on North Point and Bayside. So that's what we're
13 doing right now.

14 ROI LIVNE: Thank you.

15 MR. HOLMGREN: Any other questions on Site 12?

16 DANIEL HOROWITZ: Was it that kind of
17 disclosure that brought up the article? Is that what --
18 the article in the CHRONICLE? because there was some
19 sort of change, right? There was some sort of new
20 revelation that brought the -- all the attention that we
21 have seen tonight, right?

22 MR. SULLIVAN: Yeah. I mean, I can't, you
23 know, say what was the -- you know, what was the -- you
24 know, what was the trigger for the article. But just
25 based -- it appears to be generally related to the -- to

169

1 this draft technical memo that we released.

2 DANIEL HOROWITZ: Which mentioned this
3 radiologic transport; is that right or . . . ? I'm not
4 trying to -- I'm not trying to pin you down. I'm just
5 trying to figure out what's going on. There's a lot of
6 information.

7 MR. SULLIVAN: Yeah. No, there is a lot of
8 information. I mean, I think there's -- there's -- I
9 mean, there's the ongoing work at Site 12. That
10 really -- that really wasn't the subject of the
11 technical memo.

12 The purpose of the technical memo was to look
13 at historical base operations and determine are there --
14 are there areas that we need to further investigate. So
15 we're already investigating and remediating at Site 12.

16 The focus of the technical memo was on other
17 areas of the base.

18 DANIEL HOROWITZ: Okay.

19 MR. SULLIVAN: So we have multiple -- yeah. I
20 mean, we have multiple things going on in parallel.

21 DANIEL HOROWITZ: Okay.

22 MR. HOLMGREN: Okay. We'll move on to Sites 31
23 and 33. I'll start with Site 31. This is the site that
24 is adjacent to the Boys & Girls Club.

25 We had two main goals at Site 31. First goal

170

1 is to characterize that soil that was in the existing
2 stockpile. The second is to excavate the two areas
3 within Site 31, known as Area D-North and Area D-South.

4 I'll start with the existing soil stockpile.

5 At the time of the last RAB meeting, we were very close
6 to finishing of moving that soil from the stockpile to
7 lay-down pads for radiological characterization.

8 So on June 20 to 21st, we did scoop up the rest
9 of that soil and laid it out on the pads so that can be
10 walked over and characterized for radiological.

11 And while we are awaiting the sample results
12 from that soil, we have placed them in stockpiles on
13 site. And we have been proceeded to move on to the
14 excavation of Area D-South.

15 So on July 9th we started excavating that
16 area. We dug down a few feet, found some material, like
17 metal piping, some debris, burnt wood, et cetera. When
18 we did hit the 3-foot mark, we did start seeing the
19 active main waterline become visible.

20 So at that point, we needed to work with the
21 City of San Francisco in order to get approval to
22 continue the excavation downward to ensure that the
23 water -- the active water main would still be safe,
24 wouldn't burst.

25 So while we were working with the City to get

171

1 approval on how to proceed, we then jumped over to the
2 Area D-North excavation, which I'll explain in just a
3 second. But starting this week we have gone back to the
4 Area D-South location, and we are continuing to go down
5 to the planned final depth of 6 feet below ground

6 surface.

7 And we are expecting to finish the excavation
8 at Area D-South probably the end of this week or next
9 week. And that will actually end the excavation
10 activity at Site 31 because at Area D-North back on
11 July 17th and 19th we prepped the area, meaning we
12 removed the asphalt. We did gamma walkover surveys of
13 that soil surface that was underneath the asphalt. We
14 then proceeded to excavate Area D-North to the plan that
15 was 6 feet below ground surface.

16 As we excavated the material, just like we did
17 with all the soil at Site 31, we moved it to the
18 lay-down pads so that we can do the gamma walkover
19 surveys and characterize the soil for radiological.

20 We did end up finishing -- move to the next
21 slide.

22 We did end up finishing the excavation on
23 August 2nd. And then we collected soil samples from the
24 floor and the sidewalls on August 3rd. Those are
25 currently at the lab, and we are expecting analytical

172

1 results back early next month. And we will analyze
2 those.

3 Depending on the results of those samples, we
4 may overexcavate some of the area as needed. Otherwise,
5 we have completed the excavation at Area D-North.

6 There was one location within Area D-North.
7 When we did our gamma walkover survey, we did detect an
8 area that had a 1,000 count per minute.

9 And as Christine Donahue mentioned before, when
10 we found that, we did take about a 5 -- a volume of

11 about 5 gallons of this soil and removed it, separated
12 it, and we collected a soil sample from that amount of
13 soil so that we can better characterize that. That is
14 also currently at the lab, and we're awaiting the
15 analytical results of that, and we should be getting
16 that probably next couple weeks.

17 MS. DONAHUE: So can I just say one thing?

18 MR. HOLMGREN: Yes, please.

19 MS. DONAHUE: Our investigation level is --
20 there's two pieces to this: One is you have a meter
21 from the top looking down to the soil, and the others
22 you physically take the soil -- we actually mailed it
23 off to Pescadero in Missouri.

24 So all the soil that we took and laid down on
25 the pad from Area D-South, nothing exceeded our

173

1 investigation level, which is about 20,000 cpm.

2 Nothing.

3 We got down to Area D-North, nothing until we
4 got to one area that had 100,000. So you can see it's
5 significantly higher. So we remediated that.

6 We also take samples around and bound it,
7 excising it. So we bound it with samples, and we were
8 waiting for those samples to come back to confirm that
9 we got all of it. That's already been packaged and
10 disposed of as low-level rad waste.

11 So we didn't find anything on the south end at
12 all but stated investigation on the north end we found
13 one.

14 MR. HOLMGREN: And at that north excavation, we
15 did already get the results back from the lead, and the

16 lead is clean for the sidewall and the floor samples.

17 We are still currently awaiting chemical
18 results for the PAH and the dioxins and also the
19 radiological.

20 And then I'll show a couple of photos of Site
21 31. Here is the initial start-up of the excavation at
22 Area D-South. We did move the soil from Area D-South
23 onto our lay-down pad. And you can see our base soil
24 layer, which is the light dirt, and the soil that we
25 were excavating from Area D-South, which is a darker

174

1 material. So that soil was spread out across that area
2 so that we can perform our radiological surveys.

3 This is the preparation for Area D-North. This
4 is us removing the sidewalk from the area. And this is
5 much further along the excavation process at Area
6 D-North. The lines that you see there in the bottom
7 left corner, those are other cable lines, communication
8 lines, that we have stabilized.

9 And again, this Area D-North has -- we did
10 complete the excavation at this area pending the
11 analytical results that still remain.

12 MS. ATTENDEE: So --

13 MR. HOLMGREN: And we do -- this is just a
14 photo of someone collecting the soil sample.

15 MS. ATTENDEE: So these are -- this is the area
16 between the Boys & Girls Club in the chalk area?

17 MR. HOLMGREN: Yeah. Area D-South is in the
18 intersection of that road, of that street, I believe, at
19 "E."

20 MS. ATTENDEE: It's right here behind the day
Page 147

21 care right on the other side.

22 MR. SULLIVAN: But yeah -- But yes, the
23 general --

24 MR. HOLMGREN: Yes, yeah, yeah, exactly.

25 MS. ATTENDEE: So the question that I have is,

175

1 While you laying out this soil and awaiting the test
2 results, this stuff is exposed.

3 MS. ATTENDEE: Yeah. That's --

4 MR. HOLMGREN: We cover the soil every day with
5 plastic. If we don't need to access the soil for
6 whatever reason, the gamma walkover surveys, collect
7 soil sam- -- we cover it with plastic. We do. But
8 that's the suppression, which I believe was mentioned
9 before, where we had hoses, and we will spray the soil
10 so that it's not dry and gets uplifted.

11 We also have air monitors on the fence between
12 Site 31 and the Boys & Girls Club. That fence has air
13 monitors on it and -- so we can track I think it's every
14 minute -- is it every minute? -- and even more often it
15 takes a reading of how much dust it is --

16 MS. ATTENDEE: And does the air monitoring feed
17 into some central place where if something was to arrive
18 will be picked up immediately?

19 MR. HOLMGREN: Those we -- well, we download
20 the information at the end of the day. It's not real
21 time in the sense that we don't have an alarm that goes
22 off.

23 For the alarm to go off, even though the level
24 that we're looking at is very low, you would actually
25 see a visible plume of dust in order for an alarm to go

1 off for it to be even close to the levels that we were
2 trying to get to, 'cause they are -- and they're so
3 conservative. But you would still need a dust plume in
4 order to see that.

5 We do look at the data at the end of every day
6 and --

7 MS. ATTENDEE: It won't stay in there every
8 day?

9 MR. HOLMGREN: But we don't have it at real
10 time. We don't know.

11 MS. ATTENDEE: So it's not real time.

12 And then what kind of -- I mean, are you using
13 polyurethane? I mean, how thick is this plastic? How
14 heavy is it?

15 MR. HOLMGREN: It's 6-mil plastic.

16 We use 10-mil plastic typically underneath, and
17 we'll -- sometimes there's two layers of 10-mil
18 plastic. It takes a little -- Since things are piled
19 on top of it, it can get a little rougher. So we --
20 sometimes we'll put two layers on it. But it's the
21 thicker 10-mil.

22 To cover, usually we'll just use a 6-mil, and
23 we'll overlap it; and we'll put, like, sandbags that are
24 heavy to keep the plastic on there 'cause it does get
25 windy, which I'm sure you know in that area it gets

1 quite windy.

2 MS. ATTENDEE: And that's why I ask because one
3 of my concerns is -- is that along the fencing, there

4 are rips. You know, a lot of wood was covering the
5 fence. I don't know if that's --

6 MR. HOLMGREN: Yeah. You're talking about the
7 green Envi roScreen?

8 MS. ATTENDEE: Mm-hmm.

9 MR. HOLMGREN: Yeah. And actually, a lot of
10 that is on purpose. If we didn't have the rips, then
11 that green Envi roScreen would actually act like a sail,
12 and it will tear the fence down. So we've actually --
13 we have actually cutting, you know, every so often lines
14 in it so the wind can actually pass through. Otherwise,
15 it will just -- it will just take the fence down. The
16 wind can get so strong out there.

17 It has actually happened a couple times, and we
18 have had to go back out and put the fence back up. Not
19 in a while because we have, you know, let the wind go
20 through. But yeah, that's why it's there. It's not
21 'cause it's deteriorating, per se, but it's -- you know,
22 a lot of that is intentional.

23 MS. ATTENDEE: So I think a lot of -- there is
24 several parents who have that concern that, you know,
25 anything could happen. We have power outages out here

178

1 on a regular basis. Is the air monitor running on the
2 generator?

3 MR. HOLMGREN: The PDRs, which are the ones
4 that collect, like, every minute, which I think is
5 actually more often -- I'd have to double-check -- those
6 actually are on battery. They are portable. They're
7 about yea big, and we -- actually, it's got a little
8 hook on the back, and you just hook it onto the fence.

9 Those are charged every day, and we take them
10 off the charge in the morning and place it out on the
11 fence. Those do not run on generators. They're fine.
12 The two high volts that we do use, one upwind,
13 one downwind -- and that's specifically for lead
14 concentrations -- those do run on generators. So if you
15 happen to walk by and you hear a generator noise, it
16 probably is running our high volt.
17 It collects air and essentially has a -- like,
18 a fabric where it can collect, like, the dust in the
19 air. And that fabric gets sent out to the laboratory,
20 analyzed for lead to make sure that we aren't generating
21 any lead here. Those do run on generators.
22 MS. ATTENDEE: And we're still -- and you're
23 still waiting on the results basically of what may be in
24 there; am I correct or --?
25 MR. HOLMGREN: We've -- we have already

179

1 characterized maybe half of the soil already. We have
2 almost dug up all of it, but we are still -- there's
3 still soil left to be placed on the lay-down pads to be
4 characterized. In the meantime, it's covered with
5 plastic until it's ready to be transferred to the
6 lay-down pads.
7 ASHLEY BATES: Have you ever had --?
8 MR. HOLMGREN: Probably about half way --
9 ASHLEY BATES: I'm sorry.
10 MR. HOLMGREN: No. Go ahead.
11 ASHLEY BATES: Have you ever had when you
12 download these air monitors at the end of the day
13 readings that are concerning?

14 MR. HOLMGREN: No. We have -- I think the
15 limit is, like, 1 for five consecutive minutes, and we
16 have never exceeded that. And we have the records. I
17 mean, you're talking lots of data for each day. We have
18 four -- typically four. We haven't set up a round
19 perimeter.

20 We also have these PDRs set up at the
21 equipment, like the excavators, 'cause a lot of times
22 that seems like that would be where we most likely get
23 dust. So we have those there.

24 ASHLEY BATES: And as far as the quality of the
25 equipment, they were talking before about, you know, the

180

1 playground being used as background radiation because
2 the equipment wasn't, you know, sensitive enough. How
3 sensitive are these air monitors? because, you know,
4 next door you're not talking about adults. You're
5 talking about kids age three months to five years old.
6 So, you know, they are the most sensitive to anything
7 that they are breathing in, and it seems like you'd need
8 a really sensitive air monitor to make sure that that's
9 safe.

10 So my question is, How sensitive are these --

11 MR. HOLMGREN: Well --

12 ASHLEY BATES: -- air monitors?

13 MR. HOLMGREN: Well, safe and sensitive, the
14 levels that we are trying to detect are -- we need
15 sensitive equipment to detect. That was low, low
16 levels. But they are so low that they -- those are
17 really safe levels.

18 In order to get to that haz- -- health

19 hazardous levels, the levels would be much higher than
20 what we are actually trying to achieve. We're trying to
21 achieve much lower, like much lower levels.

22 So . . . yeah, I mean, we're looking at the
23 data, and we have our guys that look at the data and
24 make sure that, you know, when you correlate it to a
25 health risk factor, that it is safe for not just adults,

181

1 but kids.

2 And there's always a buffer factor when you
3 talk about, like, monitoring equipment. You don't want
4 the monitoring level to be right at the point where if
5 something can be heard, it's just at that level. You're
6 going to have a huge safety factor involved.

7 So these levels that we're looking at
8 require -- you want to have much lower, so we need more
9 sensitive equipment so we can be protective.

10 MR. SULLIVAN: Okay.

11 MR. HOLMGREN: Okay. So then the last site is
12 Site 33. If you don't know -- may not be familiar with
13 33; it's more located near the southeast corner of
14 Treasure Island around Fourth Street and Avenue I, if
15 you can see the blue area on the map right over here.

16 Site 33, kind of similar to Site 31 in that
17 we're also -- we have lead contamination there, and
18 we're also kind of characterizing the site
19 radiologically.

20 This is -- Site 33 is much further along than
21 Site 31. We have already finished the excavation at
22 Site 33, and we have already collected the radiological
23 confirmation samples from the floors and the sidewalls

24 this past two months.

25 With that done, the lay-down pad that we use to

182

1 place the soil on, conducted the gamma walkover surveys,
2 that base soil layer we have now stockpiled and placed
3 aside and sampled so that we can properly, you know,
4 get -- dispose of it or reuse it. And that's -- we're
5 awaiting analytical results for that right now.

6 And then basically, that's where we are at.
7 We're -- we've collected the analy- -- the samples.
8 We're just waiting on the analytical results to see what
9 the last of the samples say, and we pretty much already
10 got rid of our lay-down pad. We're right at the final
11 stages of Site 33.

12 We did excavate five areas around the
13 intersection of "I" and Avenue -- Avenue I and Fourth
14 Street, and we're just waiting on analytical results.

15 Any questions?

16 Yeah.

17 MR. MIYA: There is a completion report that's
18 in draft form that's going to be coming forward to
19 document this.

20 MR. HOLMGREN: That is correct. Actually, I
21 believe the draft showing the results of this is due to
22 the agencies starting next week so they can start their
23 review.

24 We've been writing a report as we have been
25 doing the work. One, it's easier 'cause you're doing

183

1 the work so you can write it, and also it helps in terms
2 of time. We can get the information out.

3 Any questions on Site 33?

4 (Pause; no response elicited.)

5 There are just a couple of photos. This is us
6 exca- -- taking care of that lay-down pad in
7 constructing it and then collecting samples so we know
8 how to dispose of it. And there's the stockpile.

9 And then also what you'll see in your packet if
10 you want to take a look, these are -- the first two
11 tables you'll see the chemical results. If you look at
12 the last three columns on the right, you'll see the
13 actual analytical results for the lead, arsenic, and
14 dioxin samples that we collected for the five different
15 areas.

16 And then the next five tables you'll see are
17 the results of the radiological data that we have
18 collected from the soil that we excavated from each area
19 and also from the floor and sidewalls.

20 And that's it. Thank you very much.

21 MR. SULLIVAN: One thing I wanted to add for
22 those who may not attend these meetings on a regular
23 basis, and we do a field activities update, you know,
24 for every RAB meeting.

25 So whether you're talking about the work on

184

1 Bayside, North Point, Westside Drive, other areas in
2 Site 12, Site 31, Site 33, we go through a field
3 activities update briefing with the RAB at every
4 meeting. And we do something very -- we do the very
5 same thing with the -- with the regulators every month
6 at our monthly BRAC cleanup team meeting.

7 So the agencies and the RAB are receiving

8 regular updates on the -- on the status of the projects
9 throughout the -- throughout the life of the project as
10 well as coming out to the site itself.

11 MR. HOLMGREN: Thank you.

12 MR. SULLIVAN: Okay. We're running obviously
13 short out of time. So we really -- we can get through
14 two more items quickly. We have got the Site 21 Human
15 Health Risk Assessment and update on groundwater
16 monitoring, both Danielle.

17 So, Danielle, take it away.

18 (Brief sotto voce discussion
19 between reporter and Ms. Valmassy.)

20 MS. VALMASSY: We need to wrap it up as soon as
21 possible, yeah. Sorry. About two hours past.

22 MR. SULLIVAN: Yeah. Ten minutes?

23 MS. VALMASSY: Can we do ten minutes to wrap it
24 up?

25 THE COURT REPORTER: Yeah, but it doesn't mean

185

1 talking faster 'cause that won't do me any good.

2 (Laughter)

3 MS. JANDA: Okay. Let me just go over very,
4 very briefly.

5 MS. WALTERS: Okay.

6 MS. JANDA: Actually, I won't go through my --

7 MR. SULLIVAN: Short summary.

8 MS. JANDA: -- presentation because -- so it
9 will be more towards people who are familiar with the
10 site. And if someone wants some more information, I
11 guess they can contact Jim.

12 MS. WALTERS: Hit the bottom. Yeah, there you
Page 156

13 go. That will work.

14 MS. JANDA: So yeah, we did the -- a risk
15 assessment addendum based on soil gas for Site 21.
16 Site 21 is located down over here by Building 3. The
17 sailing center is located there. But that's the only
18 people that really use the site.

19 And we have been cleaning up the groundwater
20 for -- in two phases. We have already done a risk
21 assessment, but we're doing another one to basically
22 evaluate vapor intrusion using soil gas rather than
23 groundwater.

24 And one difference that I wanted to make sure
25 people understand is that this ri -- this Risk

186

1 Assessment Addendum, the whole purpose is to support the
2 past Risk Assessment Addendum because we're using two
3 different sets of data.

4 And there -- and it's basically a
5 screening-level risk assessment, meaning it's much, much
6 more conservative than what was used in the past.

7 Usually, you make decisions based on a more
8 robust risk assessment where you really try to -- you
9 really try to figure out exactly what an exposure
10 concentration would be, whereas this just takes the
11 maximum exposure concentration, and then we calculate
12 the risk using that. So it's not really realistic, but
13 it's very conservative.

14 This is just the majority of the soil gas. So
15 this is the groundwater that still has chlorinated
16 solvents remaining in the groundwater, and this line is
17 the soil gas. So it pretty much lines up with the soil

18 gas except it goes a little more over here in the --
19 which is -- this is the source of contamination right
20 here for anyone new. It's -- It was a dip tank they
21 used to clean motor parts.

22 And so from -- So we are presenting that the
23 conclusions of the past risk assessment hold for this
24 Risk Assessment Addendum, meaning that the site is
25 acceptable for commercial use. However, for residential

187

1 use, in order to build houses on the site, they either
2 need to do further assessments.

3 So like I say, we did a screening-level risk
4 assessment. If they -- If somebody were to maybe do
5 more detailed, they maybe could prove that the site
6 could be used for residences, or they can put in
7 engineering control.

8 An engineering control is basically just a
9 physical barrier that would -- something that would
10 serve as a physical barrier to any contamination. So,
11 for example, I like put a vapor barrier down on a
12 building; then no contaminants can go up through the
13 floor.

14 So the documents that are going on now, we have
15 the addendum, which is currently under regulatory
16 review. That was sent on -- in July.

17 The Record of Decision, which basically says
18 what we're doing to this site and how we're going to
19 deal with any contaminants left on site, that is set to
20 be signed on -- in September pending discussion on
21 the -- this Risk Assessment Addendum.

22 And then we are currently preparing a land-use
Page 158

23 control remedial design which explains how the Navy is
24 going to implement our land-use controls, and that will
25 be submitted to agencies in September.

188

1 And that's all I have on this.

2 And the other one was for groundwater. I think
3 that one might be self-explanatory. I don't know. Do
4 you want me to go over it? I don't want to waste your
5 time.

6 MR. ATTENDEE: I would love to go over it.

7 MS. JANDA: Okay. So we do --

8 ASHLEY BATES: I feel badly for the court
9 reporter.

10 MS. SMITH: Well, if you're going to go on to
11 something else -- I understood you were only going to do
12 this document, because I do have questions on the -- on
13 the document. I'd like to have them expre- -- I'd like
14 to be able to express them. And if you go on, she's not
15 going to let me speak.

16 MS. JANDA: So you can submit comments in a
17 document.

18 MS. SMITH: I want to submit them for the
19 record now, if -- unless you don't want them submitted
20 now.

21 MS. JANDA: Well, it's not --

22 MR. SULLIVAN: Yeah.

23 MS. JANDA: I think we want to avoid the
24 court . . .

25 MR. SULLIVAN: Yeah. Well, I think what you're

189

1 saying is in lieu of discussing it, you just want to
2 make your comments.

3 MS. SMITH: Yeah.

4 MS. JANDA: Okay.

5 MS. SMITH: And --

6 MR. SULLIVAN: Okay.

7 MS. SMITH: And we don't even have to do the
8 groundwater.

9 MR. SULLIVAN: Yes.

10 MS. SMITH: The document states that the soil
11 used for building of Treasure Island now goes back to
12 say it was coming from the delta. It used to say just
13 that it came from the bay; it was bay dredging. But now
14 the document says it came from the delta. We keep going
15 around on this.

16 My question to you and for you guys, I don't
17 believe there was any mercury testing ever done on this
18 soil. And if it came from the delta, it's got to have
19 mercury in it because of the hydraulic mining. But it
20 doesn't state in here that there was any mercury testing
21 done on it. So that's a comment.

22 Your acronym list isn't complete.

23 And then the only other thing is the -- and you
24 can't answer this now, but it says the exposure intake
25 is the same for an adult as for a child, that weight and

190

1 inhalation rates are irrelevant. And I don't understand
2 that.

3 MS. JANDA: Okay. Yeah, we'll be sure to
4 address those in the final --

5 MS. SMITH: I mean, I can scoot that over, but

6 that's more of a backgroundy thing. We have never --
7 I've never heard it before, that we ignore age,
8 weight -- age and weight.

9 MS. JANDA: I don't want to discuss it.

10 Obviously, we're trying to wrap this up. But it's
11 probably due to the conservative assumptions that were
12 made. So all the -- all the assumptions that were made
13 to calculate it were as conservative as possible.

14 So it may be -- I'm not positive, and we will
15 definitely take this into account when we do the final,
16 but --

17 MS. SMITH: Well, it just says the
18 inhalation --

19 MS. JANDA: -- that's probably the case.

20 MS. SMITH: -- unit risk is independent of rate
21 and body weight.

22 MS. JANDA: Okay. Yeah, and we'll definitely
23 address those comments.

24 MS. SMITH: And I don't know what that means,
25 and it's not explained.

191

1 MS. JANDA: So quickly for groundwater, we do
2 annual -- we do monitoring activities at Sites 6, 12, 21
3 and 24 and 32 all for various reasons.

4 Site 6 is a petroleum area where there's
5 petroleum contamination. We have one monitoring well
6 that we monitor four times -- or quarterly, and we found
7 petroleum during all four quarters, which is consistent
8 with historical results. And this area we are doing a
9 corrective action for petroleum that's going to start in
10 the fall.

11 We have Site 12, which you all know is the old
12 bunker area. And, you know, there's various -- various
13 sources of contamination, that's all different around
14 the site. So we sample for -- it's mostly petroleum and
15 metals, and we sample for radium-226.

16 In cert- -- in certain areas, there's some
17 dissolved metals. There's petroleum contamination in
18 the Building 1311-1313 area, which Brian talked about
19 earlier. There was no radium found that was above
20 drinking-water limits. And monitoring at this site is
21 going to continue, and it more is according to what --
22 specific areas.

23 Yes.

24 ROI LIVNE: Can you explain it to a lay person
25 "radium-226 is below drinking-water levels in all

192

1 wells"?

2 MS. JANDA: Drinking-water levels are what's
3 set by, I believe, the EPA for -- as part of the
4 Drinking Water Act.

5 So in the case of Treasure Island, none of this
6 water is used for drinking water because it's too
7 brackish. You can never use it. So that's actually,
8 like, very, very low. It means that if that level of
9 radium was in your drinking water, it would be safe to
10 drink. And that's set by the EPA. That's what all
11 your -- any municipality that samples drinking water,
12 that's -- those are the levels that they use.

13 ROI LIVNE: So there is some level of
14 radium-226 in the drinking water --

15 MS. JANDA: Yeah.

16 ROI LIVNE: -- the EPA claims is safe?
17 MS. JANDA: Yes.
18 Site 21, the site I just talked about. This is
19 the groundwater plume. We did four quarters. So this
20 is just to show how it moved. And we found that
21 contaminants are still decreasing over time due to our
22 treatment activities in the past. And we are doing
23 another four quarters of monitoring.
24 Site 24, which is similar, same contaminants
25 but much bigger. You still -- This used to be the

193

1 groundwater plume. It was pretty large. It's from
2 dry-cleaning facilities.

3 This is what it looked a year ago; and as I
4 scroll, this is the most recent data we have for the
5 groundwater plume, and there's still -- around the
6 source area, there's still high concentrations. But we
7 just finished treatment in May. We don't have the
8 results from that yet, so we don't know how effective
9 that was. And -- but we do know that contaminants are
10 still decreasing over time.

11 And Site 32, which we talked about earlier, we
12 did a PCB removal action two years ago, found petroleum
13 in the groundwater. So we treated it with magnesium
14 peroxide while it was exposed, and we did four quarters
15 of groundwater monitoring to make sure that petroleum
16 contaminate levels were low. There was no high
17 detections of petroleum contaminants in any of the four
18 quarters of groundwater monitoring.

19 And these are the two documents if you want any
20 more detailed information on our groundwater

21 monitoring.

22 And that is all.

23 MR. SULLIVAN: Okay. Thank you.

24 So I think we kind of reached -- well, we

25 finished all our technical items, and I think we reached

194

1 Christine's limit. So I would move that we defer
2 that -- the rest of the administrative items in the
3 meeting.

4 MS. WALTERS: Sounds good.

5 MR. SULLIVAN: Okay.

6 MS. WALTERS: Yeah.

7 MR. SULLIVAN: All right. Well, next meeting
8 will -- is scheduled for 16 October, and time and date
9 scheduled for our planning conference call for the
10 October meeting in September.

11 So thank you to everybody, and we'll see you
12 next time.

13 (Off record at 10:38 p.m.,
14 8/21/12.)

15 (Whereupon, Daniel Horowitz
16 submitted his comments as follows:)

17 Could you detail (a) the circumstances of the
18 worker who was removed from Treasure Island for
19 excessive exposure to radiation (mentioned in CHRONICLE
20 article), (b) the details of the soil removal where the
21 soil was found 400 times the level (also referred to in
22 CHRONICLE article), (c) why the California Department of
23 Public Health raised concerns (CHRONICLE article).

24 ----o0o----

25

1 CERTIFICATE OF REPORTER

2

3 I, CHRISTINE M. NICCOLI, Certified Shorthand
4 Reporter of the State of California, do hereby certify
5 that this 197-page transcript of the foregoing meeting
6 was reported by me stenographically to the best of my
7 ability at the time and place aforementioned.

8 IN WITNESS WHEREOF, I have hereunto set my hand
9 this 5th day of September, 2012.

10

11

12

CHRISTINE M. NICCOLI, C. S. R. NO. 4569

13

14

15

16

17

18

19

20

21

22

23

24

25