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FORMER NAVAL STATION, TREASURE ISLAND  
RADIOACTIVITY INVESTIGATION AND CLEANUP  
PUBLIC INFORMATION SESSION

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REPORTER'S TRANSCRIPT OF MEETING

SEPTEMBER 18, 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  
Janine P. Gamble, RPR, C.S.R. No. 10372

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

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A T T E N D E E S

PANELISTS:

AMY D. BROWNELL - San Francisco Department of Public  
Health

TI Pub Mtg 091812 Final transcript

7 BOB BURNS - NGTS, Inc.  
8 JOHN HILL - United States Navy, Facilitator  
9 RAYMOND LECLERC - Department of Toxic Substances Control  
10 (DTSC)  
11 LAURA L. LOWMAN - United States Navy Radiological  
12 Affairs Support Office (RASO), Presenter  
13 JAMES B. SULLIVAN - United States Navy, Presenter  
14 DENISE M. TSUJI - DTSC  
15 MICHAEL TYMOFF - Treasure Island Development Authority  
16 (TIDA)  
17 STEPHEN WOODS - DTSC

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1 NAVY/REGULATORY AGENCIES/CONTRACTORS:

2  
3 IZZAT AMADEA - United States Navy  
4 TOMAS ARAGON - San Francisco Department of Public Health  
5 KEN AUGUST - California Department of Public Health  
6 KATE AUSTIN - TIDA  
7 JESSICA BECK - Tetra Tech EM Inc.  
8 PETE COUTTS - Shaw Environmental and Infrastructure,  
9 Inc.  
10 CHRISTINE DONAHUE - Shaw Environmental and  
11 Infrastructure, Inc.

- 12 LAURA DUCHNAK - United States Navy
- 13 ZACH EDWARDS - United States Navy RASO
- 14 CHARLOTTE FADIPE - DTSC
- 15 FRANKLIN FERNANDEZ - United States Navy ROICC
- 16 ANITA GORE - California Department of Public Health
- 17 BRIAN HOLMGREN - Shaw Environmental and Infrastructure,
- 18 Inc.
- 19 CAROLYN M. HUNTER - Tetra Tech EM Inc
- 20 JANE KIM - City and County of San Francisco
- 21 KYLE MALOY - Shaw Environmental and Infrastructure, Inc.
- 22 RADHIKA MAJHAIL - DTSC
- 23 ALEC NAUGLE - San Francisco Bay Regional Water Quality
- 24 Control Board
- 25 NAVY/REGULATORY AGENCIES/CONTRACTORS [Cont.]:

3

- 1
- 2 GONZALO PEREZ - California Department of Public Health
- 3 MONY PETRUC - San Francisco Public Utilities Commission
- 4 LINDA RICHARDSON - TIDA
- 5 MIRIAN SAEZ - TIDA
- 6 JEREMY SCHWARTZ - United States Navy ROICC
- 7 REMEDIOS SUNGA - DTSC
- 8 DEBRA THEROUX - United States Navy
- 9 TOMMIE JEAN VALMASSY - Tetra Tech EM Inc.
- 10 DARRELL WALLER - United States Navy
- 11 KELVIN YAMADA - California Department of Public Health
- 12 MYRIAM ZECH - San Francisco Bay Regional Water Quality
- 13 Control Board

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1 RESIDENTS/PUBLIC

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3 CHRIS AGUILAR - Resident

4 RADSON ALOMA - Resident

5 ROBERT AMOX - Bodega Wine Estates, Inc.

6 ROXANNE BALOUSEK - Treasure Island Homeless Development

7 Initiative (TIHDI)

8 JENNIFER BERGER - Boys & Girls Clubs of San Francisco

9 SAUL BLOOM - Arc Ecology

10 KEN BONNER - The John Stewart Company

11 LA SHAWNDR A BRESTON

12 HELENE BREWER - Resident

13 ERICK BROWN - Catholic Charities CYO

14 GLENN BUNTING

15 BILL CARSON

16 J. CHUY - Resident

17 YUN CHOI - Resident

18 GREG CHRISTIAN - Resident

19 RASHIDA COLEMAN - Resident

20 GEOFF COMPEAU

21 SEANDA CONLEY - Resident

22 ROB CONNOLLY - Boys & Girls Clubs of San Francisco

23 MARK R. CONNORS - Resident

24 MARY COWEN - Resident

25 RICH COWEN - Resident

5

1 RESIDENTS/PUBLIC [Cont.]:

2

3 FLYNN DARBY - Resident

4 LAVINA DE SILVA - Boys & Girls Clubs of San Francisco

5 MIKE DELANE - Resident

6 MIKE DIETZEN - Resident

7 RILEY DOUTHIT - Resident

8 ALEX ERELL

9 JAMES EROH - CCSF PUC WVE

10 TRAVIS ERVIN - TC Rentals

11 JOSEPH VAUGHN FARSIGHT - Tenant

12 CHERYL FIELDS - Treasure Island Supportive Housing

13 (TISH)

14 TANISIA FLEMJ - Resident

15 RALPH FRAMMOLINO

16 EDWIN GARCIA - Good Neighbors

17 MIKE GOMEZ - Resident

18 IRMA GUILLEN - Tenant

19 HAEOLP - Resident

20 SHANNON HALL - SFLL

21 INEZ HENRIQUEZ - Resident

22 BLAKE HERNANDEZ - Resident

23 BECKY HOGUE - CAB, Resident

24 CLAY HOOPER - Resident

25 DANIEL HOROWITZ

6

1 RESIDENTS/PUBLIC [Cont.]:

2

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- 3 TRELEASE MILLER JONES - Resident
- 4 VICKI JONES
- 5 BRIAN KASZ - Resident
- 6 KEVIN KEMPF - Resident
- 7 JEFF KLINE - Resident
- 8 BARBARA LEAHY - CHP, Tenant
- 9 MEGAN LEONARD - YMCA
- 10 KHEAY LOKE - Treasure Island Community Development
- 11 (TICD)
- 12 ANALISA LONICH - Resident
- 13 KATHRYN LUNDGREN - Resident
- 14 PRAISE LUNDGREN - Resident
- 15 RYAN MARTIN
- 16 DENNIS MCCORMICK-KOVACICH - Catholic Charities CYO,
- 17 Resident
- 18 NANCY MCCORMICK-KOVACICH - Catholic Charities CYO,
- 19 Resident
- 20 PAT MCGINN
- 21 ANDREA MCHENRY - Resident
- 22 LaJUANA MCKINNON - Resident
- 23 DONELL MILLER - Resident
- 24 PEARL MILLER - Resident
- 25 AMBER D. MONTANO - Resident

7

1 RESIDENTS/PUBLIC [Cont.]:

2

- 3 PAMLA MOSELEY - Resident
- 4 MIRIAM PADILLAZ - Catholic Charities CYO
- 5 MARIE PAGE - Tenant
- 6 SNEHAL PATEL - Resident
- 7 ALICE PILRAM - CAB, RAB, Resident

- 8 ATTA PILRAM - CAB, Resident
- 9 L. PRICE - Resident
- 10 EMILY RAPAPORT - Resident
- 11 RICHARD ROBINSON - San Francisco Fire Department
- 12 ANDREW ROMANEWLES - Resident
- 13 FRANK ROMERO - Resident
- 14 JANET ROMERO - Resident
- 15 DAVE SATTERFIELD
- 16 MARK SMALLCOMBE - C3 Church
- 17 DALE SMITH - RAB member
- 18 WILL SPENCER
- 19 DAN STONE - The John Stewart Company
- 20 BRADLEY TANZMAN - Resident
- 21 WERNER VON STEIN - Tenant
- 22 JAY WALKER - TICD
- 23 MARTHA WALTERS - Arc Ecology, RAB member
- 24 SCOTT WARNER - AMEC
- 25 ALICE WASHINGTON - The John Stewart Company

8

1 RESIDENTS/PUBLIC [Cont.]:

- 2
- 3 KAYLENE WHITEBIRD - Resident
- 4 MELANIE WILLIAMS - Resident
- 5 MAXINE L. WILSON - Boys & Girls Clubs of San Francisco
- 6 SHANNON WISE - TIHDI
- 7 DANIEL WYATT
- 8 SHUI YU - Resident
- 9 PAT ZAMORA - Boys & Girls Clubs of San Francisco
- 10 XUE ZHONG - Resident

11 ---oOo---

12

13 MEDIA:

14 CHRISTIN AYERS - KPIX  
15 ASHLEY BATES - EAST BAY EXPRESS  
16 KERRI CONNOLLY - Center for Investigative Reporting  
17 MIKE KOZMAN - SAN FRANCISCO EXAMINER  
18 ELLIOT MENDOZA - KPIX  
19 DAN SCHREIBER - SAN FRANCISCO EXAMINER  
20 DANIEL VILLAREAL - KRON 4  
21 ARIANE WU - Center for Investigative Reporting

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1 TREASURE ISLAND, SAN FRANCISCO, CALIFORNIA

2 TUESDAY, SEPTEMBER 18, 2012, 7:10 P.M.

3 ---oOo---

4 (The first part of the meeting is  
5 reported by Christine M. Niccoli,  
6 Certified Shorthand Reporter.)

7 MS. DUCHNAK: Welcome, everyone. My name is  
8 Laura Duchnak. I am the Navy's director for Base  
9 Realignment and Closure. We welcome you here tonight  
10 because we understand that folks are very interested in  
11 finding out more about the radiological cleanup program  
12 here at Treasure Island.

13 We're here to provide you information as well  
14 as to answer questions, many that were prompted at the  
15 Restoration Advisory Board last month and many that you  
16 may still have today.

17 I wanted to just give a few ground rules.

18 Is there anybody that needs a translator

19 device?

20 We do have translator devices? In Spanish,  
21 yeah. Okay. I wanted to make sure we got those to  
22 folks before we got started.

23 I do ask that the media respectfully refrain  
24 from asking questions during this evening's meeting. We  
25 have public affairs folks available that you can ask

10

1 questions. They'll bring the subject matter experts and  
2 address your questions. But during tonight's meeting,  
3 this is intended for the residents, and that is our  
4 focus.

5 well, tonight is to receive information. If  
6 many of you are interested at all in the Restoration  
7 Advisory Board, it's a regular meeting with the  
8 regulatory agencies and the Navy held every other month  
9 where we talk about all aspects of the cleanup program,  
10 including the radiological program here at Treasure  
11 Island. So if you're at all interested in that, we  
12 would be happy to talk to you about becoming a member.

13 Is the agenda up? Okay. I wanted to make sure  
14 folks knew what to expect.

15 I'm doing these brief opening remarks.  
16 Supervisor Jane Kim is here as well from the Sixth  
17 District to also give some opening remarks, and then we  
18 will also have comments from both of the state  
19 regulatory agencies as well.

20 After that we have two brief 15-minute  
21 presentations talking in general about our cleanup  
22 plans, and our Radiological [Affairs] Support Office is  
23 here as well to talk more details about their  
24 radiological program.

25 After that we'll just have a brief break.

11

1 You'll -- Many of you will see that you have -- I want  
2 to call them comment cards -- question cards, speaker  
3 cards. So please fill those out. Tommie Jean, I  
4 believe, is collecting them. She'll run around, grab  
5 those. That way we'll make sure we have all the  
6 questions collected.

7 If there's anyone that does not feel  
8 comfortable coming up to the mic and asking the  
9 questions, we have some white comment sheets. You can  
10 fill those out, ask your question on the sheet, and  
11 questions will be -- or answers will be provided along  
12 with the meeting minutes from this meeting.

13 We're scheduled to end at 9:00, but I want to  
14 assure you if there is still interest in questions,  
15 we'll stay and discuss those with you to make sure we  
16 have good dialogue. And most importantly, we want you  
17 all to know that the highest priority for both the Navy  
18 and the other agencies is to ensure public safety during  
19 the cleanup program at Treasure Island.

20 With that, I'll mention to you who's on the  
21 panel tonight. We have Jim Sullivan, who's Navy BRAC  
22 environmental coordinator; Laurie Lowman, who's our Navy  
23 environmental protection manager from the Radiological  
24 Affairs Support Office with the Navy; Steve Woods, who's  
25 the chief of the Division of Food, Drug and Radiation

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1 Safety with the State Department of Public Health; Ray  
2 Leclerc from the California Department of Toxic  
3 Substances Control; Amy Brownell from -- the

4 environmental engineer from the San Francisco Department  
5 of Public Health; and Bob Burns, who is the CEO of NGTS,  
6 a radiological consultant to the City of San Francisco.

7 with that, I turn it over to Supervisor Kim who  
8 will be followed by the chief state agencies. Thank  
9 you.

10 SUPERVISOR KIM: Thank you, Laura.

11 And I just want to appreciate that so many of  
12 our residents came out today. I know that a lot of  
13 outreach happened to ensure that, and I just want to  
14 recognize TIDA and, of course, Good Neighbors for doing  
15 work to make sure that we had a good turnout tonight.

16 what has come up over the last couple of weeks  
17 both in the media and, of course, in the last meeting,  
18 which I was not able to attend, was, of course, a lot of  
19 questions and concerns regarding the recent Navy  
20 announcement about new potentially impacted radiological  
21 sites. I don't know if I got the order of those words  
22 correct. And this follow-up meeting is really to  
23 address those questions and concerns.

24 I think at the most basic question that  
25 everyone in this room has is: Am I safe living and

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1 working on this island? Are my kids safe? Are we doing  
2 everything that we can -- that we can do to ensure our  
3 safety and health? And if it is 100 percent safe, why  
4 are there more assessments that are taking place? I  
5 think that's a lot of the questions that I heard.

6 Someone asked me what is the role of our office  
7 in this. Of course, our role is that we represent the  
8 residents of Treasure Island. So we're here to advocate  
9 on behalf of your health and safety and make sure that

10 you get the answers that you want to see. I'm not an  
11 expert on radiation, and so that's why we want to ensure  
12 that all of these agencies came for us today to answer  
13 the questions that we had.

14 I just really want to thank Mirian Saez and  
15 Michael Tymoff from Treasure Island Development  
16 Authority. They've worked really hard at the city  
17 administrator's office to ensure that we could put  
18 everyone together in the same room, California  
19 Department of Health and, of course, the California  
20 Department of Toxic Substances Control. We're going to  
21 talk about what their role is in this whole process.  
22 And, of course, we have the Navy here who is responsible  
23 for the cleanup on this island.

24 I just want to recognize two of our board  
25 members of TIDA, Mark Dunlap and Linda Richardson, who's

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1 the president, who's here as well. I know there are a  
2 lot of folks that are involved in this process, and I  
3 just want to make sure that we get the answers to you.

4 We were able to kind of have a couple of  
5 pre-meetings, and so I'm hoping that we can just really  
6 get down and answer the questions that people want to  
7 hear tonight.

8 So thank you for all being here.

9 (Applause)

10 MR. LECLERC: Good evening. Ray Leclerc with  
11 the California Department of Toxics.

12 I'll get certainly to the point. We believe  
13 that it's safe for the folks to live and work here and  
14 currently do what you're doing.

15 I think the crux of the matter is the future,  
16 and that's what we're most interested in. There's areas  
17 of the site that we're very unsure about, and there's --  
18 and there's activities at the site we need to worry  
19 about in the future. But right now the bottom line is,  
20 is it safe for the folks who are living here and doing  
21 what they're doing?

22 And Supervisor Kim asked what does that mean  
23 earlier, and I guess the answer would be is if folks  
24 wanted to dig a swimming pool in your backyard right  
25 now, we're not sure if that's a good idea. I couldn't

15

1 answer you if it's a good idea or a bad idea. We just  
2 don't know. We don't have enough information to know  
3 that if you dig down 10 feet in many places in the base  
4 what you would find.

5 So we're putting safety first. So that's why  
6 TIDA has a lot of rules on the base for folks that live  
7 here.

8 But based on our surveys and our information,  
9 the residents here are safe doing what you're doing,  
10 raising your families, and having jobs. And we have  
11 done some work that support our belief, and I'm going to  
12 have Steve Woods talk to that.

13 But I'd like to elaborate that our job is to  
14 oversee the Navy's work, and so we take our job very  
15 seriously. Public safety now and for future residents  
16 is our highest priority, and we are dedicated to that,  
17 and we want to continue a dialogue.

18 And later today we're going to provide a lot of  
19 contact material, and I ask all of you that live here to  
20 take that seriously and try to build a relationship with

21 our departments. And if you have information and  
22 questions, please ask it at any time.

23 And I'll turn it over to Steve. We're going to  
24 have a long Q&A at the end of this where we can really  
25 get into some details as necessary.

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1 MR. WOODS: Good evening. My name is Steve  
2 Woods. I work with the California Department of Public  
3 Health, and I'm the division chief for the Division of  
4 Food, Drug, and Radiation Safety.

5 The department's been involved in doing surveys  
6 at Treasure Island based on the request of the Navy and  
7 also the City. And those surveys go back to -- October  
8 of 2011 was our first initial survey at Treasure Island;  
9 and we have had surveys back in April of 2011, July of  
10 2011, August 27, 2012, and just recently in September.  
11 And I think everybody should have a sheet that kind of  
12 shows the areas that we have been surveying.

13 And there's a couple areas that we're still  
14 working, at least based on the requests from the City;  
15 and those areas we're going to get to as soon as we can  
16 get our resources out to do those.

17 And based on all of the surveys that we have  
18 done, we haven't seen any issues in terms of the public  
19 exposure to radiation contamination at Treasure Island.  
20 So, as Ray said, based on that data that we provided,  
21 we're going to continue to look. We haven't seen any  
22 exposure to the residents living on the island.

23 And like I said, it's an ongoing process; and  
24 based on request from the City, we will be out looking  
25 at whatever areas that the City wants us to look at or

1 the Navy or any of our partners. That includes you.

2           And we'll talk about a way to communicate to  
3 the department directly. So if you have concern on the  
4 island, we want to hear from you. We will be happy to  
5 take a look at any of your questions, and we'll do our  
6 best to respond to those as quickly as we can.

7           Thank you.

8           MR. HILL: Okay. Next will be James Sullivan,  
9 BRAC environmental coordinator.

10           MR. SULLIVAN: Good evening. Good evening.  
11 I'm Jim Sullivan. I'm the Navy's BRAC environmental  
12 coordinator here at the Former Naval Station, Treasure  
13 Island. I've been out here working on the island since  
14 1991 prior to the decision to close the base, and I've  
15 been with the base closure team ever since the decision  
16 was made to close the base in '93 and when the base was  
17 actually closed in 1997.

18           So here to give an overview of the Navy's  
19 environmental -- of the radiological program, and I'll  
20 be followed by Laurie Lowman from the Navy's  
21 Radiological Affairs Support Office who will provide a  
22 little more detail into the radiological aspects of the  
23 program.

24           So the Navy's -- as I think it was previous  
25 mentioned, the Navy's radiological program is just a

1 part of a larger environmental program at the former  
2 naval station. And as was mentioned by the agencies,  
3 all of the Navy's work is overseen by the State of  
4 California under a agreement dating to 1992 called a  
5 Federal Facilities Site Remediation Agreement signed

6 between the Navy and the State.

7           But in addition, we do receive support from  
8 U.S. EPA as well. Because we're -- TI is not a  
9 Superfund or more formally a -- TI is not a National  
10 Priorities List site. The NPL sites are commonly known  
11 as Superfund. We're a non-NPL site, which means that  
12 the State of California is the lead regulatory agency  
13 instead of U.S. EPA. But U.S. EPA still provides us  
14 with support.

15           So the Navy's the -- is the lead agency for the  
16 conduct of the environmental cleanup program.

17           The Navy -- with regards to the radiological  
18 program, the Navy's assisted by the Navy's Radiological  
19 Affairs Support Office known as RASO. And the State  
20 Department of Toxic Substances Control is the lead  
21 agency representing the State of California, and they  
22 are supported by the California Department of Public  
23 Health providing, among other things, radiological  
24 technical support.

25           The City of San Francisco through the Treasure

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1 Island Development Authority also participates in the  
2 review of the program.

3           And as was mentioned earlier, the Navy has  
4 sponsored a Restoration Advisory Board since 1994 as a  
5 forum for exchange of information between citizens, the  
6 Navy, and the state agencies. And most importantly, the  
7 RAB offers an opportunity for Treasure Island community  
8 to provide input to the Navy's cleanup program.

9           The RAB meets every second month right here in  
10 the Casa, and we really would like to encourage the

11 Treasure Island community to attend, and we would really  
12 like to encourage additional members of the Treasure  
13 Island community to join the Restoration Advisory  
14 Board. You can be a resident; you can be a worker. You  
15 don't even have to live on the island but have an  
16 interest in the environmental program.

17 But we do want to do, you know, special  
18 outreach to those people who live and work here on the  
19 island. So we hope to see you at future meetings, and  
20 we would -- while you're always welcome to attend the  
21 RAB meetings, you know, we would hope to see more  
22 members of the Treasure Island community on the  
23 Restoration Advisory Board.

24 Talk a little bit about historical use of  
25 radiological materials at Treasure Island. The primary

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1 mission of the naval station from 1941 up until the base  
2 closed in 1997 was training, administration, and housing  
3 except for a brief period during the latter part of  
4 world war II when the mission was temporarily expanded.  
5 And I'll touch on that in the next slide.

6 Beginning in 1947, the Navy's established a  
7 radiological safety school. Originally it was located  
8 at Building 7, and I'll try to coordinate my hands on  
9 this. Building 7 was located up here [indicating].  
10 It's been since demolished. It was only there for about  
11 two yea- -- two -- or I think two classes, and then it  
12 was later moved to Building 233 where it remained for a  
13 number of years.

14 Later in 1951 the Navy built several buildings  
15 in this general area here [indicating], 342, 343, and  
16 344 for a radiation detection training school. This was

17 a school to train sailors in using and maintaining and  
18 calibrating instruments used for radiological  
19 detection.

20           Then in 1956 the Navy conduct -- constructed a  
21 training ship mock-up known as the USS Pandemonium. It  
22 was originally located in the northwest corner of the  
23 island, but then it was later moved to the northeast  
24 corner of the island in 1969.

25           Then there were several storage and recycling

21

1 yards that operated on the island during different  
2 periods of time. Equipment that -- containing  
3 radioluminescent items could have been stored or  
4 recycled at these yards.

5           During the later years of world war II, ships  
6 were also repaired at TI in an area known as the  
7 Frontier Base, which is located at the southeast corner  
8 of the base in this general area here. The Frontier  
9 Base was established due to overcrowding of the local  
10 Bay Area shipyards as the war in the Pacific  
11 intensified. The ships that were repaired here, you  
12 know, may have contained radioluminescent items, such as  
13 dials, gauges.

14           Building 3, which still exists, was used as an  
15 industrial building associated with these ship repairs  
16 and also included an optical shop for equipment which  
17 may have used radiological materials.

18           At the end of world war II, the Frontier Base  
19 was disestablished and redesignated as a U.S. Navy small  
20 craft facility.

21           TI was not involved in the decontamination of

22 the ships used in the post-war atomic testing in the  
23 Pacific. Three ships were berthed at TI after  
24 decontamination. While clearance paperwork was being  
25 processed, these ships did not require any further

22

1 decontamination and were cleared.

2           What are the contaminants of concern? The  
3 radiological contaminant of concern at TI is  
4 radium-226. It's only been identified above natural  
5 background levels at three locations, and Ms. Lowman  
6 will talk -- touch on what a background level is.  
7 Building 233 and the associated sanitary sewer located  
8 here [indicating], in a limited area at Site 31, which  
9 was location of a former storage yard, and at the solid  
10 waste disposal areas in Site 12.

11           Beginning in the early -- Use of radium-226  
12 goes back to the early 1900s when it was used to make  
13 radioluminescent items for self-illuminating dials,  
14 wrist watches, and markers for both commercial and  
15 military use.

16           No other radiological contaminant has been  
17 detected above background levels at -- at Treasure  
18 Island.

19           How do we document the use of radiological  
20 materials? It's documented through a radiological  
21 assessment.

22           We published a Historical Radiological  
23 Assessment in 2006. It provided a history of the  
24 operations at Treasure Island and identified areas at TI  
25 that warranted further investigation.

23

1           Those areas were the solid waste disposal areas  
Page 19

2 at site 12 which have ongoing investigation and  
3 remediation, Building -- same Building 233 and its  
4 associated sanitary sewer. That building has since been  
5 demolished, and we're currently in the field doing  
6 investigation and remediation.

7 And then two of the RADIAC training buildings,  
8 343 and 344, that investigation work was completed, and  
9 we received a -- what amounts to a free bill of health  
10 from free release from the State of California; and so  
11 work at those two buildings is complete.

12 In -- Based on the -- based on the additional  
13 work done since '9 -- since 2006 as well as some new  
14 information and discussions with the -- with the state  
15 agencies, the Navy agreed to do a -- an update of a 2006  
16 document that we called the Draft Historical  
17 Radiological Assessment-Supplemental Technical  
18 Memorandum, or technical memorandum.

19 What that did is it reviewed findings of the  
20 2006 HRA, updated our assumptions, and incorporated the  
21 results of the additional investigations and new  
22 information since 2006.

23 That 2012 draft technical memorandum was issued  
24 in August. It identified additional areas that warrant  
25 further -- further evaluation. These are not areas

24

1 where contamination has been -- where any contamination  
2 has been identified. It's areas where there is a  
3 potential for contamination to occur.

4 And there are a total of eight i- -- eight  
5 areas -- nine areas that were identified in the  
6 technical memorandum.

7           The several that might be of interest to the  
8 Treasure Island community are the USS Pandemonium -- the  
9 first site of the USS Pandemonium in the northwest  
10 corner of the island and then also the former storage  
11 area that included Sites 30 and 31. This is in the area  
12 that -- in the vicinity of the Boys & Girls Club and the  
13 day care center. But these additional areas were  
14 identified and will be investigated as well.

15           As part of this technical memorandum review, we  
16 didn't find any -- any evidence of -- of new waste  
17 disposal or -- or actual releases. But -- but these  
18 areas will be evaluated to the -- to the satisfaction of  
19 the -- the regulatory agencies. These findings -- so  
20 these findings will supplement the original HRA done in  
21 2006.

22           So this document's currently under regulatory  
23 review. We expect to receive comments from -- from the  
24 State and our Restoration Advisory Board by  
25 October 5th.

25

1           This is just a map. Actually, it's -- it  
2 should be the same map that's posted here on the  
3 poster. The areas in green are from the original 2006  
4 HRA, and the hatched areas in the orange color are from  
5 the 2012 technical memorandum.

6           We have -- we have a -- we produce a -- with  
7 the -- In association with the State, we put together a  
8 plan for the evaluation of all of the environmental  
9 sites, whether it's radiological sites or  
10 nonradiological sites. That's in a document called the  
11 Site Management Plan, which has formal update yearly.  
12 We just finished the update for 2012, and it's posted on

13 the Navy's Web site.

14           what I've done in the next couple of slides --  
15 and I won't, you know, read through everything on the  
16 slide -- is listed out all of the areas from the 2006  
17 and the 2012 documents and what the current status and  
18 schedule is.

19           I'll touch on the ones in the housing area and  
20 a couple of the areas, but it's all -- it's all listed  
21 here in the slide; and the schedules are based on the --  
22 on the published Site Management Plan, which is -- which  
23 is concurred on by the State.

24           At solid waste disposal areas, there's three  
25 areas in the Baysi- -- North Point Drive area, Bayside

26

1 Drive area, and Westside Drive/Lester Court, sometimes  
2 described as two areas, but they're -- they are  
3 contiguous to each other.

4           We began -- In the Bayside Drive and North  
5 Point Drive area, we began soil excavation in 2007 that  
6 we're referring to now as Phase I. We just -- We  
7 issued a Post-Construction Summary Report -- or a Final  
8 Post Construction Summary Report is scheduled for later  
9 this year to document the work that was done at Bayside  
10 and North Point.

11           We will be planning additional work in a  
12 Phase II. We'll be starting that work plan and  
13 finalizing it by October of 2013. We'll be completing  
14 the field work in early 2014, and then all of that has  
15 to be documented in a report presented to the State for  
16 their review and concurrence. And then that process  
17 would be completed in September of 2014.

18           The schedules for the other sites in the  
19 housing area are somewhat similar. So we'll be -- we  
20 started work at Westside Drive/Lester Court in 2007.  
21 we'll also be issuing a summary report of that work in  
22 early 2013.  
23           And we're planning a Phase II soil excavation  
24 with -- you know, similar schedule to the schedule for  
25 Bayside and North Point.

27

1           But we anticipate -- in this area, we  
2 anticipate having a Phase III. So that work will be  
3 additional component of work.  
4           And so when -- and then in addition to that, we  
5 have a -- we're also going to be doing a soil removal at  
6 the Bigelow Court area in the -- in the center of  
7 site 12. That work is on a -- on a similar schedule.  
8 we are including a radiological survey in that area as  
9 well.  
10           So all of the work in the housing area is --  
11 all of the radiolog- -- planned radiological work in the  
12 housing area is planned to be completed in -- will be  
13 occurring, you know, between now and -- and will be  
14 completed in the 2014 time frame.  
15           And all of these schedules are based, as -- as  
16 the state agencies said, on the results of -- of all of  
17 the information we have to date, the additional work  
18 done by the State that -- that there is no -- there's no  
19 current risk to -- to human health for the current  
20 residents.  
21           And if we find that there's a need to adjust  
22 these schedules, we'll work with the State to adjust  
23 them. But the schedules are based on there not being a

24 current threat to human health on the island. And this  
25 would help the -- you know, a thorough completion of the

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1 radiological work in the housing area and as well as in  
2 the other -- and as well as in the other areas.

3 Similarly, we'll be doing a characterization  
4 survey in the Ninth Street recreation area, playground  
5 area, along 9th Street. The State had also been out to  
6 the 9th Street area. And actually, I have another slide  
7 upcoming that briefly talks about that. But they --  
8 while they did not find any current exposure issues,  
9 they did recommend that the Navy conduct further  
10 characterization, which we will do.

11 And then there are surveys of other areas  
12 within Site 12, including the Pandemonium area. We will  
13 be doing surface scan -- or doing -- doing surface  
14 scanning to supplement -- and other work to supplement  
15 what we have already done, what we have done previously;  
16 and then we'll also be covering the Pandemonium area,  
17 which the State is also covering as well.

18 Oops.

19 And then just touching on a couple of other  
20 areas, Building 233, as most of you've seen, the  
21 building's been demolished. We're currently doing the  
22 characterization and remediation, and we plan to  
23 complete the final survey report in early 2013.

24 Similarly, Site 31, you know, I'm sure you've  
25 seen the excavation there. We'll be completing that

29

1 work in 2013 as well.

2 Building 3, the ship repair and optical shop,

3 that will be primarily a evaluation of the building  
4 itself. So, you know, we don't expect that to involve  
5 significant excavation. So that project will move more  
6 quickly. So we expect to complete that work  
7 February 20- -- or during 2013.

8 Then a number of the other area is  
9 Pandemonium II, a sanitary sewer associated with  
10 Building 233, as well as several former storage yard  
11 areas and the Site 6 area, which is the Navy's area  
12 where we currently store soil prior to it being trucked  
13 off site, as well as the contractors work area. All of  
14 that would have to be cleared before -- before the work  
15 is complete on the island.

16 As Mr. Woods had mentioned, California  
17 Department of Public Health conducted several surveys.  
18 They did come out in 2010 and do a -- do a brief survey  
19 of the public areas adjacent to Bayside and North Point  
20 and Westside Drive/Lester Court areas; and no risks were  
21 identified.

22 Then, as Steve mentioned, they came out in 2011  
23 to do a gamma survey of areas on Site 12. There were  
24 five localized spots adjacent to the Westside  
25 Drive/Lester Court fence line that were identified in

30

1 that report. No other localized spots were identified  
2 in the other areas that they -- that they covered in  
3 Site 12.

4 So no further measures were required by CDPH,  
5 pending further surveys of the roadway by the Navy. The  
6 Navy will be conducting further surveys of the -- of the  
7 roadway system in the -- in the Site 12 area.

8 The State also came out in 2011 to the

9 9th Street playground recreation area. No external  
10 exposure hazard was identified, but the State  
11 recommended characterization by the Navy, which we are  
12 proceeding to do.

13 And then in -- a couple of weeks ago in August  
14 a survey was conducted at the day care center, the Boys  
15 & Girls Club, and the adjacent property; and no risks  
16 were identified.

17 And at the request of the Treasure Island  
18 Development Authority, the California Department of  
19 Public Health is -- is conducting additional health and  
20 safety surveys, and I think there's already some  
21 information on that that's been provided at tonight's  
22 meeting.

23 So based on all this data collected by both the  
24 Navy as overseen by the State and independently by the  
25 State, we firmly believe there's no threat to -- to

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1 public health or safety. We and the agencies believe  
2 there's no public threat to public health or safety in  
3 the housing area or in other occupied areas of the  
4 island.

5 You know, we're committed to -- you know, to  
6 continue to work together in the timely evaluation of  
7 these -- of these sites; and we'll be conducting these  
8 investigations in close collaboration with both the  
9 State, the City, the public, and other stakeholders.  
10 And we will continue to inform the public through our  
11 Restoration Advisory Board meetings.

12 We have conducted tours. If there's an  
13 interest in -- for the Treasure Island community in a --

14 in a tour of these sites, we'd be happy to do that.

15           We also send out fact sheets, newsletters,  
16 information meetings, and have access to documentation  
17 through our web site as well as our information  
18 repository. We have two information repositories: one  
19 in the Navy's office at Building 1 and one in the  
20 technical document section of the San Francisco Main  
21 Public Library.

22           Give you some points of contact from the Navy,  
23 DTSC, the State, Regional Water Quality Control Board,  
24 and U.S. EPA. As Mr. Woods mentioned, there is an  
25 E-mail address now, [TreasureIslandQuestions@cdph.ca.gov](mailto:TreasureIslandQuestions@cdph.ca.gov),

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1 where you can send your questions to -- directly to  
2 CDPH.

3           And then lastly, I mentioned the Restoration  
4 Advisory Board meetings that meet every -- every other  
5 month.

6           When we do work in the field near occupied  
7 areas, we do provide work notifications. Many of you  
8 have probably seen the one- or two-page sheet that we --  
9 that we take out to the vicinity, the areas that we're  
10 working in, explaining what we're doing and who to  
11 contact for more information.

12           Fact -- We have fact sheets, newsletters, the  
13 information repositories that I mentioned and then both  
14 the Navy's web site and DTSC has a web site as well.  
15 DTSC's web site is known as Enviro- -- EnviroStor, and  
16 then you can also call toll free to reach the public  
17 participation specialist at DTSC.

18           And with that, I'll turn it over to Laurie  
19 Lowman from the Navy's Radiological Affairs Support

20 office.

21 MS. LOWMAN: Microphone. Is there a slide  
22 clicker?

23 Okay. They are asking a lot of me. I have a  
24 microphone in one hand and the clicker in the other, and  
25 I may not be able to handle two things at once, but I'll

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1 try.

2 My name is Laurie Lowman. I work with the  
3 Navy's Radiological Affairs Support Office. It is a  
4 Naval Sea Systems Command Detachment. Most of you know  
5 about NAVSEA, whether you know it or not, because  
6 NAVSEA 08 manages all the reactors and the ships.  
7 NAV- -- We are part of NAVSEA 04, and we manage all  
8 other radioactive materials and machines that produce  
9 ionizing radiation used in the Navy and Marine Corps.

10 So I've been with that office for 37 years.  
11 I've worked on all of the BRAC sites in the Bay Area as  
12 well as other locations. Some -- I started with the  
13 office in 1978, and the first thing I did was do  
14 radiological data for Hunters Point Shipyard.

15 So there's been a long history, and I've  
16 managed to see some friendly faces here tonight. But I  
17 came to this meeting, so I'm happy to be here and glad  
18 you all came out to see us.

19 well, see, already, already I can't do this.

20 Okay. RAS- --

21 Yeah.

22 RASO's mission is to -- RASO is -- let me  
23 strike that.

24 RASO is divided into two groups, much the same

25 that is CDPH is. They have a regulatory side of the

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1 house, and they have a side of the house that works with  
2 DTSC to do environmental radiological oversight.

3 That is exactly what RASO has. We have a  
4 regulatory side of the house; and when Treasure Island  
5 was an active base, that side of the house managed  
6 their -- what we call radioactive materials permits,  
7 which are just like an NRC license. And they also came  
8 out and performed regulatory functions and audited all  
9 their radiation programs to ensure they were being done  
10 safely.

11 I am the lead environmental protection manager  
12 for the environmental directorate. And our mission is  
13 to basically handle all radiological environmental  
14 issues, mixed waste, which is hazardous waste and rad  
15 waste together, and all low-level radioactive waste for  
16 all of Navy and the Marine Corps worldwide. It's  
17 amazing how much stuff can be out there.

18 So for Treasure Island, we work with a lot of  
19 different agencies. Within the Navy, we provide  
20 technical guidance support to BRAC office at both the  
21 national, northeast, southeast, and NAVFAC as well in  
22 the Southwest Division where they are contracting for  
23 the work here at Treasure Island.

24 we also manage the Navy's low-level radioactive  
25 waste disposal program. And through that program, we

35

1 work with the Army Joint Munitions Command, and we  
2 contract for the waste disposal services being conducted  
3 here at Treasure Island. And those services are being  
4 provided by Environmental Management Services.

5           In addition, we work with all the regulators  
6 and stakeholders. We got federal, EPA and NRC; state,  
7 DTSC, CDPH; Regional Water Quality Control Board; City  
8 of San Francisco -- Amy Brownell's sitting over there --  
9 and also local residents, anybody who has concerns and  
10 is a stakeholder, by that we mean has an interest --  
11 active interest in this site, TIDA, residents, working  
12 companies here on Treasure Island.

13           Currently there are two -- actually, we just  
14 found out today there's three rad contractors that have  
15 been contracted to perform work here on Treasure  
16 Island. One is Shaw Environmental. I'm sure you've  
17 seen their trucks running around and all the work they  
18 are doing at site 12 and 31 and 233.

19           And also Tetra Tech is also coming on to do  
20 some investigative work, and ITSI, which is Innovative  
21 Technical Solutions, Incorporated. How's that? They  
22 have just been contracted to do some additional work in  
23 site 12.

24           So what do we do for our involvement? We  
25 consult with all the Navy offices. We interact with

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1 regulators as needed. We provide technical support for  
2 implementation of the HRA and the HRA Supplemental  
3 Technical Memorandum.

4           We actually review those documents that are in  
5 BRAC. We assist and provide RASO's input of records  
6 that can be used for records of -- in the draft. We  
7 work with the contractors that are preparing the  
8 documents. And when anyone submits questions, we'll  
9 work with the contractors to answer those questions and

10 provide input on the radiological history.  
11           Sorry. That was a long sentence.  
12           We provide technical review of all radiological  
13 work documents. Contractors here, they are performing  
14 work. They are disposing of waste. They all submit  
15 radiation detection plans. They submit radiological  
16 work plans, sampling and analysis plans, everything that  
17 we review to ensure the work is being done to meet  
18 Navy's standards.  
19           We also perform site visits where we come out  
20 and we actually watch the contractors perform work, and  
21 we make sure it is being done in accordance with their  
22 work documents.  
23           And as I mentioned before, we oversee the  
24 low-level radioactive waste and mixed waste packaging,  
25 transportation, and disposal.

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1           So Jim already went through all these  
2 rad-impacted sites, and I have the ones from the HRA and  
3 I have the ones from the tech memo.  
4           I wanted to make sure everybody understood what  
5 a rad-impacted site is. This is a term that actually  
6 comes from a big document called the Multi-Agency  
7 Radiation Survey and Site Investigation Manual, or  
8 MARSSIM, which is a joint document used by the State of  
9 California, NRC, EPA, DoD. Everybody got together on a  
10 committee, and they decided they'd write this document,  
11 and everybody agreed to the concepts.  
12           So not only is -- it got that big, long name,  
13 but it also has all these different numbers for each  
14 different agency. In that, it goes through a process  
15 for you first identify a radiological problem and then

16 to the conclusion of the final status survey where you  
17 get unrestricted usefulness of the site.

18 In that document, it talks about doing the --  
19 they call it a historical site assessment. Navy calls  
20 it a historical radiological assessment. And it talks  
21 about impacting sites.

22 When you impact a site, it is based on the  
23 history, site conditions, anything we know about  
24 potential radiological former operations, current  
25 operations, anything that might cause that site to have

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1 some contamination. And we emphasize the word "might."

2 Being impacted does not mean that you're  
3 contaminated. It means that you -- we are going to do  
4 an investigation to see if there is any potential for  
5 contamination.

6 Lot of times that starts with very simple  
7 survey, we find nothing, and we move on. Other times we  
8 find something, and it will requires us to do further  
9 work.

10 So all of these sites are listed as impacted in  
11 the tech memo. Some of them it's because we found  
12 additional information oddly enough from the Hunters  
13 Point research or the Alameda research. There's any  
14 number of different things and reasons why these are  
15 impacted.

16 But the point is, if we found anything in the  
17 preparation of the HRA or the technical -- or the  
18 supplemental technical memo and we thought it was a  
19 threat to anyone, we would ensure immediate action was  
20 taken to control the site and limit access and get that

21 contamination issue addressed as soon as possible.  
22 We did that for a site out at Hunters Point.  
23 We have not had to do that here. We did not have to do  
24 that at Alameda or Concord or Mare Island or any of the  
25 other sites in this area.

39

1 So let's talk about LLRW. I'm sure if you live  
2 out here, you have seen the bins going out on the  
3 trucks. As I mentioned, the contractor is Environmental  
4 Management Service -- Services. It is a local 8(a)  
5 small business minority-owned company. They have done  
6 work at all the BRAC sites in the Bay Area. They are  
7 contracted through the Army Joint Munitions Command, and  
8 they are the DoD executive agency for low-level  
9 radioactive waste.

10 RASO manages all Navy operations of these  
11 contractors for Navy or Marine Corps projects. So we  
12 are intimately involved with what EMS is doing, how the  
13 waste is moved, how it's characterized, packaged,  
14 everything.

15 And make sure that I wanted to say, NRC has a  
16 definition of low-level radioactive waste, and it only  
17 includes certain types of radioactive materials. If you  
18 look in the LLRW Act that actually was passed by  
19 Congress, it says low-level radioactive waste is  
20 anything that is not high-level radioactive waste, which  
21 really helps you out a whole lot.

22 So DoD decided to come up with their own  
23 definition, and they have decided that raid -- LLRW  
24 includes all types of radioactive waste.

25 JEFF KLINE: What does that stand for?

1 MS. LOWMAN: LLRW?

2 JEFF KLINE: Yes.

3 MS. LOWMAN: Low-level radioactive waste.

4 JEFF KLINE: Okay.

5 MS. LOWMAN: Okay?

6 LLRW includes all radioactive waste and mixed  
7 waste, which is your hazardous waste mixed with a  
8 radioactive component. And both those types of waste,  
9 both of those types, are generated here at TI.

10 So LLRW, low-level radioactive waste, is  
11 shipped for -- primarily the contaminated soil is  
12 shipped in big roll-off bins with -- they're metal  
13 bins. They are lined. They have absorbent in them.  
14 And once they are filled to capacity, they are -- have  
15 metal locking lids. They are shipped on a truck, most  
16 likely to US Ecology in Idaho. That's where almost all  
17 the soil from here has gone.

18 I did not go back to the absolute start, but  
19 since 2007 when we shipped the majority of contaminated  
20 soil, we have shipped 885 bins. So a bin can hold  
21 15 cubic yards of soil and weighs approximately  
22 40,000 pounds, and that includes the weight of the bin.

23 So we can't fill them more than 40,000 pounds  
24 because of shipping regulations for the waste going over  
25 the Bay Bridge and going out of California. So

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1 that's -- it's a lot of soil.

2 Additionally, we ship any devices we find. We  
3 ship in shielded 55-gallon drums. They generally have a  
4 lead shielding in them or in some instances a very dense  
5 plastic shield.

6           There have been two shipments. One drum  
7 shipped out 90 devices, and three drums in 2009 shipped  
8 out 350 devices. There is approximately 400 --

9           Christine, you know how many devices are left  
10 in storage? 400?

11           MS. DONAHUE: 357.

12           MS. LOWMAN: Three hundred --?

13           MS. DONAHUE: 357.

14           MS. LOWMAN: 370. I was --

15           MS. MAJHAIL: 357.

16           MS. LOWMAN: -- close.

17           MS. MAJHAIL: 357.

18           MS. FADIPE: 357.

19           MS. LOWMAN: 357. Wasn't as close as I  
20 thought.

21           Okay. So those are in storage pending  
22 disposal.

23           Additionally, over near SWDA A and B, there are  
24 five specially shielded B-25 boxes. Now, B-25 boxes are  
25 made specifically for certain types of waste because we

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1 can put extra shielding in them. We can do things with  
2 them that we can't really do with the big bins.

3           And these boxes were loaded with a higher level  
4 of radioactive waste. It's the highest we found so far  
5 contaminated in soil, and it was put in these boxes.

6           Even though it's the highest we found, it is  
7 still considered low-level radioactive waste, and they  
8 are being held. We have to dewater these and do proper  
9 characterization on these before they can be shipped.

10 So they are being held in the radiological containment  
11 area at SWDA A and B.

12 MS. DUCHNAK: Can you tell them what that is  
13 and let them know what SW- --?

14 MS. LOWMAN: Solid waste disposal area. I'm  
15 sorry, I thought Jim covered that. So I was -- I was  
16 rattling and -- yeah.

17 So those we will ship hopefully sometime in the  
18 near future. But we have special procedures that have  
19 been prepared to do the dewatering and the  
20 characterization because of the levels of radioactivity  
21 in the waste.

22 So Treasure Island radiological controls.  
23 Radiological controls is a general term used to describe  
24 all the safety precautions that we put in place to  
25 sure -- to ensure that none of the remedial actions,

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1 survey work, anything, has an adverse a peck --  
2 effect -- sorry -- adverse -- when you say "impact" and  
3 "effect" together, it doesn't come out right -- adverse  
4 impact on the residents, the local property users, such  
5 as businesses, or the environment.

6 And that is -- Part of our mission right there  
7 is one we put out on what we are doing for radiological  
8 controls.

9 To start with for these, we make sure that each  
10 rad contractor, be it for LLRW or for remedial work or  
11 investigative work, has the proper NRC or State of  
12 California license to perform that work. We review  
13 their license. We review all their standard operating  
14 procedures, or SOPs sometimes they are called; and we  
15 review the resumes of the project manager and the  
16 radiation safety officer before they come on and start

17 work.

18           Additionally, we make sure they have a  
19 radiological protection plan. And the radiological  
20 protection plan for each of these companies says what  
21 their personal protective equipment requirements are,  
22 what they do if they found higher-level radioactive  
23 material, what type of controls they would put in place,  
24 how they would manage the training of their staff, all  
25 the things that go together to make them have the best

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1 radiologic controls possible.

2           And we also review their health and safety plan  
3 and again all their field work documents before they can  
4 start work in the field. Once RASO reviews those,  
5 'cause we review them for the Navy, they then go to the  
6 regulatory agencies for their review, be it CDPH, DTSC,  
7 whatever regulatory agencies are involved.

8           So this is another big term, ALARA, and it's as  
9 low as reasonably achievable. And that is making sure  
10 every effort to maintain any exposure to radiation is  
11 far below the dose limits as i- -- as is practical,  
12 taking into account the state of technology and the  
13 economics of improvements in technology in relation to  
14 the benefits of public health and safety. This is the  
15 Nuclear Regulatory Commission's definition of ALARA.

16           If you talk with radiological contractors, they  
17 will talk about ALARA. They -- we will say, what are  
18 you going to do to implement ALARA for this site to make  
19 sure it is done and we get the lowest levels possible?

20           And we take into every consideration the effect  
21 it will have on the local area, the residents, the  
22 environment, without spending exorbitant amounts of

23 money. And that -- EPA never considers money. But  
24 there are technologies out there that are extremely  
25 expensive, and they will not issue a lower cleaned-up --

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1 a site cleaned up to a lower level.

2           So we want to use the best technology for the  
3 radionuclides at the site and protect all the local  
4 residents, the people working out here, and the  
5 environment and make sure everything that comes out as  
6 low as reasonably achievable.

7           So health and safety precautions out here at  
8 Treasure Island. Now, all the workers wear  
9 thermoluminescent dosimetry. TLDs, they call it. And  
10 all workers wear them. This records the radiation dose  
11 they receive within a radiologically controlled area.  
12 It allows us to look at exposure trends and the  
13 contractors to look at exposure trends to say: whoops,  
14 the dose is too high for these workers. What is not  
15 being done right?

16           It allows us to document what dose a worker  
17 would receive to make sure it isn't too high and isn't  
18 going to be something that would impact outside of the  
19 radiologically controlled area. It's a very important  
20 part of what we do here for safety.

21           Personnel protective equipment. Now, this is  
22 something I've seen in the articles mentioned. This is  
23 worn when they are working in a radiologically  
24 controlled area. And it could be coveralls; it could be  
25 what we call booties, which are little boot shoe covers;

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1 it could be gloves. It could be any number of things.

2           There are no conditions out here, by the way,  
3 at Treasure Island that we haven't covered that would  
4 require any kind of breathing -- self-contained  
5 breathing apparatus. That -- To my knowledge, we would  
6 never do that here unless -- it's something I certainly  
7 am not anticipating finding.

8           But they do wear the PPE out in the field.  
9 There's chemicals out there, and there is also  
10 radiological contamination.

11           The PPE is removed before the worker leaves the  
12 site. It is put into -- If it's a rad site, it's put  
13 into LLRW containers and disposed of as LLRW.

14           And all those personnel wearing PPE or anyone  
15 who goes into a radiologically controlled site is  
16 surveyed -- or sometimes they use the term "frisked,"  
17 f-r-i-s-k-e-d -- before they leave the site. At the  
18 access control point or the entrance to the site, there  
19 is someone who stands there all the time, and he -- they  
20 will survey out those personnel.

21           They also will survey out vehicles if they have  
22 gone into the RCA. This is so the personnel and/or  
23 vehicles don't track any contamination out of that  
24 radiologically controlled area.

25           Dust-control measures. Obviously, we have a

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1 lot of contaminated soil out here in SWDAs. And we're  
2 also shipping waste all over the site and moving  
3 material from the SWDAs to Site 6. We're moving bins;  
4 we are shipping all different types of soil.

5           So dust control is critical. It is so  
6 important so there is not any inadvertent movement of  
7 soil to places it should not be. It's performed at all

8 excavation sites and during transportation.

9           And it includes spraying water during  
10 excavations or loading of materials into bins or  
11 trucks. This is to prevent the wind picking up  
12 materials and blowing it around. Damp soil just doesn't  
13 blow like dry soil does.

14           waiting -- wetting areas -- sorry -- where  
15 heavy equipment is moving during excavations and  
16 surveying. Again, everything is kept slightly damp or  
17 actually even in some instances wet so it is not blowing  
18 around or spread while they are moving it.

19           wetting of areas where materials are stockpiled  
20 and wetting of transportation routes. That's another  
21 very important one. Where the trucks are rolling, they  
22 can kick up dirt. If there's enough trucks; if there's  
23 open transportation, anything, the roads are kept damp.  
24 We do this at all the sites in the BRAC -- all the BRAC  
25 sites in the Bay Area.

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1           weather monitoring. Again, we all stand out at  
2 TI, and I did brush my hair before I came here today;  
3 but you know, I went outside, and the wind blew it all  
4 around.

5           So they are all measured in any open excavation  
6 sites. And work stops when the wind blows exceeds  
7 25 miles per hour for more than five minutes. It's very  
8 important. Work just stops at the sites. The sites are  
9 secured. The dust-control measures are in place. And  
10 again, those dust-control measures continue when that  
11 wind is more than 25 miles per hour. So it's a very  
12 important issue.

13 Environmental TLDS. Like the TLDS for the

14 other personnel, these are placed at areas with our  
15 radiologically controlled areas or areas with known  
16 contamination to monitor dose levels at the barriers.

17 And this one is particularly important for the  
18 residents. This is radiological-controlled area dose  
19 monitoring. Surveys are done by rad-control technicians  
20 at all RCAs. The areas immediately outside of the fence  
21 are surveyed using a dose rate meter.

22 Surveys are performed weekly and when  
23 radiological conditions change within an RCA should they  
24 be digging and come up with higher levels of  
25 contamination, as example. We insist that all dose

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1 levels on the -- immediately outside the fence be less  
2 than 10 what is microrem per hour.

3 This is -- The NRC has a dose of 100 millirem  
4 per year the general public can receive in addition to  
5 naturally occurring radiation. So we make sure a dose  
6 of 10 micro R per hour is the dose that if someone stood  
7 at that fence line for 365 days a year 24 hours a day,  
8 they -- if they receive that, they would still be under  
9 the NRC 100 millirem dose.

10 So that is our requirement, the Navy's  
11 requirement, for dose at the barrier up any  
12 radiologically controlled area. And again,  
13 radiologically controlled area is a fenced area that is  
14 posted with radiological controls, and we control access  
15 into that area, and this is very important.

16 So when you ask questions about are you safe,  
17 are your kids safe, those are the dose requirements for  
18 that fence line immediately outside of the fence line.

19 If we change or if conditions change inside the fence,  
20 we move the fence; we do new surveys; we do -- we  
21 remediate. What do whatever we have to do to keep that  
22 dose level at 10 microrem per hour.

23           Radiation work permits. These are posted at  
24 all the RCAs. It tells you what the local conditions  
25 are. It tells you what PPE has to be worn inside of the

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1 RCA. It includes documentation in the barrier dose.

2           And these -- and if you access a site, you have  
3 to sign, saying you're aware of the site conditions and  
4 you're aware of the RWP. This stops anyone from  
5 entering a site without full knowledge of what they are  
6 doing and going into.

7           Radiologically controlled area access  
8 controls. Again, every time that access point or that  
9 gate is open, there is a technician there; and they are  
10 responsible for ensuring that only authorized personnel  
11 with a proper PPE, with a TLD, with whatever it is that  
12 they are requiring at our staff site, they are not going  
13 to let the local residents just come in and see what  
14 is -- what's going on there. They are not going to  
15 necessarily let even regulators or somebody without  
16 signing in, without getting briefed with all the  
17 precautions that need to be done.

18           And radiological technician responsibilities:  
19 It's during field work. They man the access points.  
20 They ensure only authorized personnel enter the site.  
21 They ensure personnel entering the site signing the RWP,  
22 ensuring only authorized clean vehicles enter the site.  
23 You don't want to bring contamination in. We have

24 enough, thank you very much.

25 And we perform radiation surveys of all

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1 personnel and vehicles leaving the site, and they ensure  
2 that access point or that gate is secured when it is not  
3 manned.

4 Radiological release criteria: So we're out  
5 there; we are doing all this work. Why are we doing  
6 it?

7 Radiological release limits were established by  
8 Navy and approved by EPA and the State of California for  
9 all rad sites in California. For this site, we're  
10 mostly interested in radium-226 because that's the  
11 radionuclide of concern that we have found.

12 For Building 342 and the Pandemonium sites,  
13 cesium-137 is also a radionuclide of concern at those  
14 sites because cesium was used in the building, and it  
15 was used in the Pandemonium training that was done  
16 after. So that will add cesium as a radionuclide of  
17 concern for those sites.

18 Oh. We -- So soil contamination is measured  
19 in picocuries per gram. It is a measurement that you  
20 can only get by radiological analysis of the soil.

21 For radium-226 and cesium-137, the radiological  
22 analysis is usually gamma spectroscopy; and it is being  
23 performed by an independent commercial laboratory,  
24 TestAmerica, in St. Louis.

25 For structures, equipment, or materials, like

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1 you're releasing a truck, you're releasing a building,  
2 and you're releasing a walkway, you're releasing  
3 something that is a solid surface, the release limits

4 are disintegrations per 1 -- disintegrations per  
5 minute -- I left the words out there -- per  
6 100 centimeters squared.

7           And this can be measured by, first of all,  
8 doing surveys and having an alpha -- is usually done in  
9 alpha or beta radiation; or you can also take what they  
10 call a swipe, which is a small piece of material that  
11 you wipe over the surface, and it tells you whether or  
12 not that contamination is removable or it be -- it --  
13 you could walk by and be picked up on your shoes. So  
14 that is a very important thing to know.

15           For radium-226, the release limits for soil are  
16 1 picocurie per gram above background. Radium occurs  
17 naturally in the environment. It's always present in  
18 soils, usually at very, very low levels.

19           Out here at Treasure Island, the background  
20 level averaged over the site is 0.7 picocuries per  
21 gram. Therefore, the release limits for radium in soil  
22 is 1.7 picocuries per gram.

23           For fixed contamination for radium on a  
24 surface, on structures or materials and equipment, is  
25 100 disintegrations per minute per 100 centimeters

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1 squared. And the removable contamination limit is  
2 20 percent of that, or 20 DPM per 100 centimeters  
3 squared.

4           The cesium release limit for soil is actually  
5 an EPA limit for residential and outdoor workers  
6 scenarios, and it is 0.113 picocuries per gram. Very  
7 low level.

8           And structures or materials and equipment,

9 however, for fixed contamination, it goes up  
10 significantly, and it's 5,000 DPM per 100 centimeters  
11 squared and 1,000 DPM per 100 centimeters squared  
12 removable.

13 The materials and equipment release limits are  
14 from Nuclear Regulatory Commission guidelines and  
15 regulations. The release limit for radium in soil was  
16 agreed upon by EPA and the State of California, and it's  
17 used by all BRAC sites in California but not -- usually  
18 not at other states. Just California specifically  
19 because California is the most concerned of radiological  
20 state we have.

21 Thank you.

22 MR. HILL: Laurie, may we wrap up quickly the  
23 next few slides, please?

24 MS. LOWMAN: Yes.

25 Dose release standards. NRC decommissioning

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1 standard: 25 millirem per year. EPA: 15 millirem per  
2 year. State of California doesn't currently have a  
3 standard, so we're going with less than 5 millirem per  
4 year.

5 Determination, how we do this, this tells you  
6 how we get those numbers that we set for the release  
7 limits.

8 I've been asked to hurry.

9 Radiological unrestricted release. That is a  
10 MARSSIM process that we go through, and ultimately after  
11 cleanup we do a final status survey per MARSSIM and may  
12 involve regulatory agencies coming out and taking their  
13 own surveys and confirmatory samples.

14 And the big deal is communication. If you see

15 any site, radiological site, out here at Hunters --  
16 Hunters Point -- Treasure Island -- I knew I was going  
17 to do that -- at Treasure Island and you are concerned  
18 that the access point isn't manned, that you haven't  
19 seen any surveys, why are they wearing those PPE, what  
20 are they doing, dust is blowing around, I don't care  
21 what your concern is, you can call any of these agencies  
22 and report that.

23           And if you report it to Jim Sullivan, he will  
24 in turn report it to us at RASO.

25           So please feel free to contact anyone on there

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1 if you perceive there's a problem. Thank you very  
2 much.

3           MELANIE WILLIAMS: Thank you.

4           MR. HILL: Okay. Thank you for your patience,  
5 and hopefully you found that information very valuable.

6           We'll take a very short break, maybe less than  
7 five minutes, to give you guys an opportunity to turn in  
8 your speaker request cards, and those will be turned in  
9 to our -- Carolyn and Tommie Jean in the other corner.  
10 And we'll reconvene in less than five minutes.

11           (Whereupon, a recess is taken at  
12 8:19 p.m.)

13           ----oOo----

14           (Meeting reconvened at 8:25 p.m.  
15 and is reported by Janine P.  
16 Gamble, a Certified Shorthand  
17 Reporter.)

18           MR. HILL: Please get started quickly.  
19 Okay. Thank you very much for your

20 patience. Again, we'll stay as long as possible  
21 tonight to make sure all of you who are interested  
22 in speaking tonight are heard from.  
23 If you have not yet turned in your speaker  
24 request card, please do so now. And you're going to  
25 be called in the order of receipt.

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1 If you wish to fill out a comment card and  
2 not speak tonight, just please remember to do that  
3 before we leave tonight.

4 And I'll turn it over to Ms. Hunter here to  
5 call -- call the names.

6 All of your comments and questions and  
7 responses are being recorded again. And when you  
8 come up to the microphone, if you could please state  
9 your name, any affiliation that you're with. And if  
10 you are interested in hearing from a specific  
11 agency, please identify which agency you're  
12 interested in hearing a response from. And that's  
13 pretty much it.

14 And one other last reminder, and that is,  
15 we want to hear from everybody who wants to ask a  
16 question tonight or issue a comment. So if you have  
17 two or three or four questions, just ask your most  
18 important one first, let Carolyn know that you have  
19 another one, sit down, she'll put you back in the  
20 rotation.

21 We just want to make sure everybody has an  
22 opportunity to ask their question. But if you have  
23 four or five, you'll just keep going back into the  
24 rotation until all of your questions have been  
25 asked. Thank you.

1 MS. HUNTER: Hi. Okay. So I'm going to go  
2 ahead and call the first three people up here just  
3 so that you're ready to go when the first person is  
4 called. And I apologize if I butcher your name.  
5 Okay.

6 So the first speaker that we have is Emily  
7 Rappapost.

8 EMILY RAPAPORT: Rapaport.

9 MS. HUNTER: And then the next one in  
10 line will be Amber Montano, and then Mark Connors.

11 EMILY RAPAPORT: For the record, my name is  
12 Emily Rapaport. I'm a resident. I work at Job  
13 Corps, and I'm president of Good Neighbors.

14 And my question is being asked as a  
15 resident. We're aware that the Draft Tech Memo came  
16 out August 6, 2012. To our knowledge, none of the  
17 residents received notification from the Navy about  
18 the public comment time period required under  
19 CERCLA. A, what is the public comment time frame,  
20 and, B, due to the lack of notification, we want an  
21 extension of time to add to our input.

22 Michael Tymoff, TI project manager, has  
23 requested that the Department of Public Health  
24 conduct surveys of a -- of prioritized lists of the  
25 new radiological impact sites identified by the Tech

1 Memo. Can we wait for the results of these studies  
2 before the Tech Memo can be finalized?

3 MR. HILL: Jim.

4 MR. SULLIVAN: Well, the Tech Memo is just

5 one step in the overall cleanup and --  
6 investigation and cleanup process. It's not -- we  
7 don't normally -- it's not a document that we would  
8 normally solicit input from the general public.  
9 It's provided to the regulatory agencies and the RAB  
10 for their review, and it's just one step in the  
11 overall process. You know --

12           However, you know, if anyone has seen the  
13 document, and we have put it up on the website, if  
14 you have comments, you know, please provide those  
15 comments by the comment due date that the agencies  
16 are providing their comments on by, October 5th, and  
17 we'll -- we'll consider your comments along with the  
18 comments received from the regulatory agencies and  
19 the RAB.

20           MR. HILL: Steve, do you know when your  
21 next set of sampling survey events will be occurring  
22 at the request of TIDA?

23           MR. WOODS: So there is two areas that I  
24 identified earlier that we're going to still be  
25 surveying. That's Building 3 and also those

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1 residential areas down at the Pandemonium site down  
2 in the south part of Site 12.

3           So those surveys we're currently working  
4 out the logistics. So we're hoping to get to those  
5 in the next week or so. A lot of it is going to  
6 depend, because the residential areas, we're going  
7 into the individuals' backyards, and we just have to  
8 work out the logistics with the building management  
9 and the City to make sure that we can coordinate our  
10 times to go in there. So we're trying to do that as

11 quickly as we can.

12           And Building 3, I understand, there is an  
13 Oracle or some type of -- I'm not sure if it's a  
14 convention in that building. So we're trying to  
15 work around the schedule of the -- what's happening  
16 with Oracle.

17           MR. HILL: Yeah. Also, I'd just like to  
18 state that the HRA's draft form, obviously the Navy,  
19 there is a period of time that we have to respond to  
20 input on the document and before it goes to final.  
21 It won't go final before the -- I don't anticipate  
22 it going final before the survey events are  
23 conducted.

24           It's also important that this document  
25 remain on a -- on a reasonable schedule because it's

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1 also very important to the City and Navy with  
2 regards to being able to finalize some -- some real  
3 estate actions for the unimpacted areas of the  
4 property.

5           So we'll take the requests for an extension  
6 beyond October 5th into consideration, but we can't  
7 commit to that tonight.

8           AMBER MONTANO: My name is Amber. I'll  
9 just hold it. That's fine. Sorry about that.

10           My name is Amber Montano. I am a resident.  
11 I've lived on Treasure Island for five years, and  
12 I've lived on Yerba Island for the last eight years.  
13 And mine is kind of a two-part question.

14           we clearly have an opportunity to select  
15 places that we might have a chance to move into down

16 the hill, and so the issues as to resolving the  
17 radiological question marks right now is a very big  
18 consideration for those of us who are living there.  
19 And for my husband and I, as we've talked about it,  
20 it may well be a complete game changer at this  
21 point. We've lived here for a long time, and we'd  
22 really like to stay out here.

23           Secondly, as part of that, I know that  
24 Yerba Buena Island is not included in most of these  
25 surveys, and because some of these new question

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1 marks, again, I would be curious as to know why and  
2 whether or not Yerba Buena would be able to be  
3 considered in these new health surveys that are  
4 going on.

5           MS. HUNTER: Thank you.

6           MR. HILL: We've actually assessed YBI and  
7 have State concurrence that there are no  
8 radiological concerns on YBI; and so, therefore, it  
9 has actually been cleared for radiological concerns  
10 and found suitable for transfer to -- to the City  
11 for future development.

12           MR. WOODS: If I could just touch on that.  
13           From the Department's review of the Yerba  
14 Buena Island, because of the historical radiological  
15 use at Treasure Island, there were no sites within  
16 Yerba Buena that had any radiological use. So based  
17 on that document, in fact that there was no use on  
18 Yerba Buena, the only issue that we have at Yerba  
19 Buena is just the route off of Treasure Island with  
20 the issue that Laurie talked about, which is the  
21 transportation of contaminated soil off of Treasure

22 Island, which had to go through Yerba Buena.

23           So that was an issue that we brought up,  
24 discussed, worked it out with the stakeholders, both  
25 the Navy and their contractors, to ensure that there

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1 was not an issue in terms of contamination because  
2 of the way the soil is shipped off the island and  
3 secured. So that was not an issue.

4           MS. HUNTER: Okay. After Mark we have Jeff  
5 Kline and then Blake Hernandez.

6           MARK CONNORS: Thanks. I'll drop it for  
7 sure.

8           Good evening. My name is Mark Connors.  
9 I'm a resident of Treasure Island for about seven  
10 years now. I'm the founder and current secretary of  
11 Good Neighbors of Treasure Island.

12           My question -- or my statement and question  
13 is, if the San Francisco Board of Supervisors  
14 received a copy of the gamma survey report by the  
15 Radiological Health Branch of the California  
16 Department of Public Health on September 11th, this  
17 was part of the briefing of the Board on the recent  
18 concerns raised by the -- in the media and by  
19 residents.

20           In the report that I have here, it says  
21 that the roadway along B Street between 9th and 13th  
22 showed elevated radiological levels of Radium 226  
23 based on the gamma survey in April of 2011.

24           Now, this section of the road has been --  
25 recently been repaved in the past week. In the

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1 gamma survey report the area was identified as

2 needing further investigation related to the  
3 elevated radium levels.

4 what is the impact that the repaving will  
5 have? Can the investigation continue, or will this  
6 interfere with accurate results?

7 And given the findings reported in the  
8 gamma report, it seems that more investigation is  
9 needed before the Tech Memo is finalized.

10 Does the EPA agree with that? Thanks.

11 MR. HILL: I think, Jim.

12 MR. SULLIVAN: Yeah. Well, the -- we're  
13 already going to be evaluating the road system in  
14 the -- in the Site 12 housing area. That's  
15 something that we're already -- that we're already  
16 planning to do as part of the -- as part of the  
17 ongoing work. So we will be covering the roads that  
18 were -- that were discussed in the CDPH survey  
19 report.

20 And I'll -- I'll turn it over to Steve to  
21 talk a little bit more about what the meaning  
22 of that -- of that survey data was in terms of, you  
23 know, health.

24 MR. WOODS: So when the Department went out  
25 and did a survey within Site 12, that was the public

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1 access areas of Site 12, we did not go in backyards,  
2 we didn't go into the resident's property, but we  
3 did do the sidewalks, the roadways within Site 12,  
4 the entire Site 12, and the areas around the  
5 restricted areas in Site 12.

6 So when we did that survey, we did notice

7 some elevated readings in the roadway. That could  
8 be explained because in the roadway there are  
9 aggregate rocks that could have naturally occurring  
10 radium in it. So that's why the Department asked  
11 the Navy that they need to go back and investigate  
12 to see if indeed it was something that was  
13 underneath the asphalt or if it was part of the  
14 actual rocks within the asphalt itself.

15 So that was our conclusion, that they need  
16 to go back and do an investigation, which they're in  
17 the process of doing.

18 MS. HUNTER: Jeff Kline.

19 JEFF KLINE: Any further explanation on....

20 Hi. My name is Jeff Kline. I'm a 13-year  
21 resident of the Villages. And I won't be able to  
22 read this. There we go.

23 My question is in regard to our lease. In  
24 1998 the Navy -- the Navy issued a Finding of  
25 Suitability to Lease Revision 1 Area of Reuse Zone

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1 4, the housing area, which lists hazards which --  
2 which by law require notification or restrictions in  
3 the lease, such as seismic, lead, and  
4 asbestos-containing material hazards. The Tech Memo  
5 recently identified or disclosed the environmental  
6 factor of radioactive and mixed wastes in Site 12.

7 when does the Navy plan to amend the 1998  
8 FOSL to find suitability to lease for the housing  
9 area to consider this new information and amend  
10 Table 2 of the FOSL specifically, and that's the  
11 list of disclosures required, which would

12 accordingly require changes to the property  
13 disclosure in the lease for the Villages and further  
14 justify endorsements of the force majeure language  
15 that we recently negotiated with our landlord to put  
16 into our lease to preserve our transition housing  
17 benefits from the project in particular?

18 I have ten more questions, but I'll wait.

19 (Applause)

20 MR. HILL: I can't speak with regards to  
21 the FOSL. I mean, perhaps the City or TIDA might be  
22 able to speak to the specific lease components with  
23 the tenants.

24 But the FOSL is a -- a non-living document.  
25 The FOSL that was prepared and the findings and the

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1 conclusions in that FOSL in support of the lease and  
2 the controls that needed to be placed in the lease  
3 that assure protection of human health and safety  
4 are still valid today.

5 The conclusions in the Tech Memo and the  
6 work done by both the Navy and the State in these  
7 areas of concern do not call at this time for any  
8 changes to the controls and the requirements of the  
9 leases for the protection of the tenants. So at  
10 this time, until further information dictates, there  
11 is no need to update the FOSL or prepare -- in  
12 essence prepare a new FOSL to support changes to  
13 those controls in the lease.

14 I did not follow the force majeure concern  
15 that was expressed and perhaps --

16 JEFF KLINE: In that case the public  
17 agency --

18 MS. VALMASSY: The microphone.

19 JEFF KLINE: The force majeure would be in  
20 case a public agency declared our residence  
21 uninhabitable by risk -- due to a public safety  
22 risk, and we would be forced to move.

23 We don't want to lose our transition  
24 housing benefits that are promised under the  
25 project. If we move off the island, we would lose

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1 those benefits. So that's why we asked the question  
2 as a community for the force majeure language to be  
3 specifically put into our lease. And we had a  
4 tentative agreement to do that, and then this  
5 radiological issue came up in the press, and you  
6 know the rest.

7 MS. HUNTER: Okay. Our next three are  
8 Blake Hernandez, Kathryn Lundgren, and Melanie W.  
9 So Blake.

10 (No response)

11 MS. HUNTER: Kathryn Lundgren.

12 KATHRYN LUNDGREN: Hi, I'm Kathryn  
13 Lundgren. I'm an eight-year resident, vice  
14 president of Good Neighbors, cofounder and treasurer  
15 of the Health Network, and a mother, mother of three  
16 who basically have been raised here and homeschooled  
17 as well, so they spent an exorbitant amount of time  
18 on the island when they were children.

19 So I realize that the radiation issue is  
20 the hot topic and kind of the sexy topic to kind of  
21 have advertised, but concerns are also the  
22 follow-through to a November 11th newsletter from

23 the military where they stated that there were 27  
24 known contaminants, including heavy metals, and DDT,  
25 dioxins, I mean, I could go through the whole list.

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1 But, honestly, that being present in concert with an  
2 aging infrastructure, liquefaction, and those  
3 issues, we would like to know if the Department of  
4 Public Health has actually done a biological survey  
5 or Human Health Risk Assessment based on biological  
6 factors with that included, not just the radiation.

7 If you have, we want to know where to find  
8 the results; and if you haven't, could you possibly  
9 consider it? I think that is one of my primary  
10 concerns in addition to the radiation.

11 And that's it. Thank you.

12 (Applause)

13 MR. HILL: Were you asking the Department  
14 of Public Health San Francisco or State?

15 KATHRYN LUNDGREN: Either/or.

16 MR. HILL: Either/or.

17 KATHRYN LUNDGREN: Whoever.

18 MR. SULLIVAN: One thing is -- I can touch  
19 on is, I briefly mentioned at the beginning of the  
20 presentation the radiological program is just one  
21 part of the Navy's overall program at Treasure  
22 Island and Yerba Buena Island. And I think you've  
23 seen the list we have that lists all the sites on --  
24 on, I think, typically most of our newsletters and  
25 fact sheets, the list of all the sites throughout

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1 both islands, both the contaminants associated with  
2 the study.

3           In the case specifically in the housing  
4 area, we go through -- we go through a process  
5 called the Remedial Investigation. And that's a --  
6 that's a process we go through hand in hand with the  
7 State of California to investigate, collect samples,  
8 and do what's called a Human Health Risk Assessment.

9           So we -- we completed a -- a final Remedial  
10 Investigation Report earlier this year for the  
11 housing area referred to as Site 12. And so that --  
12 that document was reviewed by both the State and the  
13 RAB, and we did not, you know, identify any areas  
14 that required -- you know, that had any immediate  
15 health concerns.

16           Because we've been working on the housing  
17 area for many years we've identified, you know, many  
18 of these sites, you know, early on in the process.  
19 That's why you saw the fences going up, you know,  
20 even in the early days of the housing. We've done a  
21 number of excavation activities, and we've done  
22 multiple phases of sampling throughout the entire  
23 housing area all based on plans put together between  
24 the Navy and the State with all of the data reviewed  
25 and commented on by -- by the State as well by the

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1   Treasure Island Development Authority.

2           So I would, you know, defer to, you know,  
3 DTSC as far as our, you know, completion of the  
4 Remedial Investigation Report for Site 12.

5           MR. HILL: All of this information and the  
6 Human Health Risk Assessment, and all the data for  
7 all of these sites of concern, other than RAB, is in

8 the information repository. It's made available to  
9 the public. There is a handout with all of this  
10 information. Please take that home, access it. And  
11 you also have Jim's phone number. You can call him  
12 directly for more specific questions. And I also  
13 encourage you to contact both public health  
14 departments, as they provided their information  
15 tonight, and speak to them directly about the  
16 concerns as well.

17 KATHRYN LUNDGREN: Okay. And in addition,  
18 actually, if it's okay, I'd like to request from the  
19 Departments, plural, of Public Health that perhaps  
20 you can view Treasure Island as slightly different  
21 than any of the other neighborhoods in San Francisco  
22 in that we don't have local public schools with  
23 which to keep records or identifying trends that  
24 might come up. None of us -- or perhaps we don't  
25 share the same doctors, but there is no mechanism in

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1 place with which to track these issues. We don't  
2 have a local clinic. Even Bayview/Hunters Point has  
3 one. We don't have anywhere central to kind of keep  
4 an eye on things.

5 And so being part of the community and  
6 speaking with so many people, I can identify trends  
7 for you, but I really honestly feel that maybe we  
8 need to come together and produce some -- some  
9 system that is efficient and unique to Treasure  
10 Island.

11 And I would really appreciate that myself  
12 because I'm not indicating that there is a problem;  
13 I'd just like to know that there isn't one. So if

14 we could work together on that, I would really  
15 appreciate that.

16 (Applause)

17 MS. HUNTER: Thank you, Kathryn.

18 MS. BROWNELL: Amy Brownell with the  
19 San Francisco Public Health Department.

20 I really appreciate you expressing your  
21 concerns, and I'll definitely take your comments  
22 back to the folks at the San Francisco Health  
23 Department.

24 As has been stated, the cleanup that is  
25 done by the Navy is overseen by the State Department

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1 of Toxic Substances Control and the California  
2 Department of Public Health, and they can tell you  
3 more details about the job they're doing and making  
4 sure that the Navy is doing everything in a health  
5 protective manner and making sure that your health  
6 is protected.

7 And, as I said, I will take your  
8 information back to the local officials also. Thank  
9 you.

10 JEFF KLINE: Point of clarification before  
11 you proceed.

12 MS. VALMASSY: You have to use the  
13 microphone.

14 JEFF KLINE: On the issue of --

15 MS. HUNTER: Sir, she's next.

16 JEFF KLINE: I was just trying to clarify  
17 that the woman asked whether a Human Health Risk  
18 Assessment had been done for radiologic

19 contamination, and you referred to Site 12 Remedial  
20 Investigation, which only concerned chemical  
21 contaminants. I just wanted to clarify that. Thank  
22 you.

23 (Applause)

24 MELANIE WILLIAMS JONES: Hi. My name is  
25 Melanie Williams Jones. I've been here for 13

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1 years. My son was born here.

2 I just need to say as a community -- I come  
3 from Third Street.

4 And, thank you, ma'am, you've been here 37  
5 years.

6 welcome you all here.

7 One thing as a community worldwide, it took  
8 Third Street one dollar, one dollar from the Dog  
9 Patch all the way down to fix Third Street up. So  
10 all I say so we can get on with this meeting as a  
11 community, while everybody arguing, talking about  
12 contaminated, toxic, all this stuff on Treasure  
13 Island, this is a beautiful place to be. If we come  
14 together, you all, you've been here 37 years, ma'am,  
15 you know about it. You say it. We didn't know  
16 nothing because we wasn't here all along. Just like  
17 we as a community, I feel that you all here  
18 together. You all go home. We stay here. So as us  
19 working together as a community we need to know  
20 what's going on with our kids.

21 And my son was born here. He came out and  
22 he wasn't nothing. I'm not talking about  
23 contaminated. I'm just saying just like you fixed  
24 Third Street up, that's the way this needs to be,

25 because this is San Francisco now. We need

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1 everything that's over on Third right here on  
2 Treasure Island. And so if we can work this  
3 together, because guaranteed this is more different  
4 because everybody trying to get to the island. So  
5 all I'm saying is as a community member I want to  
6 stay on the island, want to be a resident, we need  
7 everything that Third got. And it took one dollar.

8 Because I come from Hunters Point. And  
9 they got a store at every corner, they've got  
10 schools, they got clinics, and we need it right here  
11 because this is where we live. And thank you.

12 (Applause)

13 MS. HUNTER: So our next three speakers are  
14 Vicki Jones, La Shawndra Breston, and then Ann.

15 VICKI JONES: I'm Vicki Jones, resident. I  
16 have -- well, it's a statement and a question to  
17 you, ma'am.

18 MS. LOWMAN: Uh-huh.

19 VICKI JONES: You stated that the trucks  
20 that leave the island are in those -- those metal  
21 bins. I have to tell you that that's not true.  
22 Most of the trucks that left the island are either  
23 in the dumps, and they're not covered. Okay.

24 I also need to tell you that, you know, you  
25 talk about the dust control, but you guys need a

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1 mist system back there because this is a wind  
2 tunnel. Also -- and it's like you say that the  
3 dust does -- you guys should keep the roads wet, but

4 you don't. You need a flushing truck out there or  
5 something out here to keep the dust down.

6 I can tell you that it's dusty out here  
7 even during the day when you're here and even at  
8 night, because I use a nebulizer now. I've been  
9 here since 2008. I've never had to use one in my  
10 life. Okay. My asthma has taken off through the  
11 roof. If I don't use that nebulizer, I don't sleep  
12 because I can't breathe. Okay.

13 Many residents out here on this island now  
14 have asthma that never had it before in their life.  
15 Okay. And it's like I don't know how to explain to  
16 you the health effects that you guys state there is  
17 no health concerns. There are many health concerns  
18 out here, and they need to be addressed. You can't  
19 fix us at this point, but you need to somehow make  
20 us better.

21 (Applause)

22 MS. LOWMAN: Thank you for your comments.  
23 And we'll take a look at all the dust control  
24 measures that are being done. We'll try to make  
25 sure that if they aren't being done, that they are

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1 improved.

2 Now, on the trucking, I talked about the  
3 Low Level Radioactive waste and the Mixed waste, and  
4 that is always sealed in bins, it is not -- or in  
5 55-gallon drums; however, there are other materials  
6 that are shipped off-site, including --

7 Just a minute. Just a minute. Okay. Let  
8 me finish. I'm not disagreeing with you at all.

9 -- including hazardous waste that is

10 shipped by contractors, and they have told me, and I  
11 don't -- I don't manage those contracts, they have  
12 told me it is all done in closed or covered trucks;  
13 however, there is also materials that are brought on  
14 to do different things, and there is other companies  
15 making shipments.

16           You are not the first person who has said  
17 there are trucks going off Treasure Island that are  
18 uncovered. It is a legal requirement in the State  
19 of California for those trucks to be covered. So we  
20 need to look at that and see who is doing the  
21 shipments. But it is not the radioactive waste  
22 shipments or the mixed waste shipments, I can tell  
23 you that, but that's not the only waste or other  
24 materials that come onto or leave this island.

25           VICKI JONES: But it's kind of like you say

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1 it's clean soil and it's dirty soil. At this point  
2 we all think the soil is dirty.

3           MS. LOWMAN: You would not know which one  
4 it is. And the fact is, if it is dirty soil, it  
5 needs to be covered. If it is clean soil, it's  
6 supposed to be covered so it doesn't spread the dust  
7 and cause the problems.

8           You're not the first person tonight who has  
9 come to me and said the dust control is not being  
10 done. So we will look into that, and we will see  
11 what we can do to address that.

12           VICKI JONES: But also, it's like the  
13 trucks are supposed to maintain a certain speed  
14 limit when they leave this island, or even when

15 they're coming on, especially if they're carrying  
16 dirt. Okay. But they don't. But they don't.

17 MR. HILL: Ms. Jones, I think what we need  
18 to do is because there are so many different  
19 operations not only for cleanup operations, but for  
20 development operations and other operations, I think  
21 all the parties who have operations on the base,  
22 I'll coordinate, ensure that we get together to  
23 discuss this concern because there may not be a  
24 violation occurring and there may be.

25 And if there is a violation occurring, we

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1 want to know about that. But at the same time,  
2 there may not be a violation occurring. And we'll  
3 work together as the -- as agencies to address this  
4 concern to make sure that all residents can be  
5 assured that the regulations are being followed.

6 VICKI JONES: Thank you.

7 LA SHAWNDR A BRESTON: Hello. My name is  
8 La Shawndra Breston. I am a resident, and I'm also  
9 a former hazmat technician.

10 So my comment is in regards to what you  
11 were speaking about earlier as far as the safety  
12 controls that are in place with everything being  
13 covered. That's not true. As far as not working  
14 when the winds are 25 miles an hour, is that what  
15 you said? How could anybody work on Treasure  
16 Island? It's too windy out here.

17 I am not persuaded that you know exactly  
18 what's going on and how things are being worked out  
19 out here. I'm not persuaded that you have my best  
20 interest. And, I mean, you don't have my best

21 interest at heart.

22           There is a picture right here that shows  
23 when they're working all the dust that's flying  
24 around.

25           Okay. My daughter used to go to the day

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1 care by the Boys and Girls Club. And that site  
2 right between the Boys and Girls Club and the day  
3 care, it didn't get covered until these news  
4 reporters came out. And then on top of that, the  
5 tarps are being weighed down with dirty pipes. So  
6 how am I supposed to feel safe?

7           I don't know what the trucks are carrying,  
8 whether it's clean or dirty, because there are no  
9 hazmat placards on the side of the trucks to let  
10 anyone know. All the paperwork I get from the Navy  
11 is not telling me what's going on a day-to-day  
12 basis. You don't sound like you know exactly what's  
13 going on.

14           Okay. I'm looking at how the street got  
15 repaved. I think one of the questions was, there  
16 was a certain reading on these streets before they  
17 got repaved. Okay. Now that they're repaved, is  
18 that going to interfere with the redo that you just  
19 handed down to make it look good? I mean, I'm just  
20 trying to find out what's going on.

21           The nature of the island that we live on,  
22 this is landfill, so with the way that landfill  
23 erodes over time, because I've been hearing things  
24 about that side -- that side of the island is  
25 eroding.



6 documenting the safety procedures since the  
7 remediation started?

8 MS. LOWMAN: Well, the procedures are  
9 documented in the work plans. It's -- it's the  
10 enforcement of the procedures that is always an  
11 issue.

12 And the contractors are trying very hard to  
13 do this, but, again, it may need additional flushing  
14 as he suggested -- or she suggested with water  
15 trucks. Misters is a wonderful idea. There is any  
16 number of things that we can do to do it better, if  
17 it is not being done well enough. But if I don't  
18 have the input or BRAC or the State doesn't have the  
19 input, we can't tell you if it is.

20 MR. HILL: Okay. So --

21 MS. LOWMAN: Meaning if you have a picture  
22 like that, send it in to us, send it in to Jim, and  
23 we can make sure.

24 I know the dust is a huge issue. And I use  
25 nebulizers, so I understand the asthma issue.

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1 And it was the same at Hunters Point. And  
2 we've gotten very fussy about dust at Alameda, Mare  
3 Island, Hunters Point. You name the site, we are  
4 doing dust controls. And if we have to do better  
5 dust controls, we will do that.

6 LA SHAWNDR A BRESTON: It's one thing if you  
7 have to improve, and it's another thing to begin  
8 doing it at all. And my point is --

9 MS. LOWMAN: I appreciate that.

10 LA SHAWNDR A BRESTON: -- that until these

11 newspaper articles came out, the site between the  
12 Boys and Girls club, between the day care, it was  
13 uncovered completely. The gates were not shut at  
14 all. There was no misting being done at all.

15 MS. LOWMAN: Okay.

16 LA SHAWNDRRA BRESTON: Period. So it's not  
17 to say you have to get better; it's to stay you need  
18 to get started.

19 It is to ask what was going on between the  
20 time it wasn't being done at all up until this point  
21 where you feel like it's necessary now? And the  
22 only reason, it seems to me, and I'm sure many  
23 residents, the only reason it's necessary now is  
24 because there are several articles that have come  
25 out.

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1 So, again, I would say, I'm not persuaded  
2 that you got my best interest at heart. I'm not  
3 persuaded that you're doing everything that needs to  
4 be done out here.

5 MS. LOWMAN: Okay. I can appreciate where  
6 you're coming from, but those requirements --

7 LA SHAWNDRRA BRESTON: Those requirements  
8 weren't being followed at all.

9 MS. LOWMAN: Those requirements were in the  
10 work plans and the fieldwork documents for years.  
11 Those -- if they weren't being done, we will  
12 investigate that. I'm here for two more days to  
13 look at everything.

14 MR. LECLERC: Those are --

15 I think you mentioned four things, that  
16 being tarping of sites that are being excavated for

17 radiological materials or toxic materials, uncovered  
18 trucks containing radiological material or toxic  
19 materials, trucks without placards, dust controls at  
20 these excavation sites that aren't being done.

21 Those are violations that we enforce, and we would  
22 fine the Navy or its contractors for violating  
23 those.

24 VICKI JONES: well, you need to write a lot  
25 of tickets.

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1 LA SHAWNDR A BRESTON: what I'm trying to  
2 say, these violations have been going into effect  
3 for a couple of years now as far as I know. I've  
4 only been here five years. And ever since I've been  
5 here I've never seen any of the safety precautions  
6 that she mentioned in place anywhere.

7 MR. LECLERC: We have had staff out here  
8 from time to time. We're not here 24/7. And  
9 Steve's staff has been out here. And when we were  
10 out here, we've observed the safety protocols being  
11 handled. That doesn't mean they always are.

12 So I'd ask any citizen here that does not  
13 see these safety protocols being done, to make those  
14 complaints to Steve and/or I. You have our numbers.  
15 Complain to us. We respond to complaints.

16 when the law is being violated, we act  
17 against it. So if you know that Friday afternoons  
18 they do not cover with their tarp, let us know.  
19 We'll investigate it.

20 MS. LOWMAN: That's why we presented the  
21 safety precautions, because if they're not being

22 done, you now know what they are, you can let us  
23 know.

24 LA SHAWNDRRA BRESTON: The other question,  
25 if these safety precautions were not being observed,

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1 what is -- for the last three, four years, what does  
2 that -- how does that affect my health?

3 MR. HILL: Ma'am, that's --

4 In the interest of giving everybody else an  
5 opportunity to speak at least once, we hear the call  
6 to order. We hear the concerns. This is being  
7 recorded. And if we don't answer that question  
8 tonight, any questions that are provided on the  
9 comment card or questions that are unanswered  
10 tonight, are being recorded. We'll provide answers  
11 to these questions at the time we release the final  
12 transcripts of the meeting.

13 So thank you for your questions.

14 LA SHAWNDRRA BRESTON: When will that be?

15 MR. HILL: I have yet to talk to the  
16 contractor to discover how fast those transcripts  
17 can be ready.

18 So thank you.

19 LA SHAWNDRRA BRESTON: Thank you.

20 (Applause)

21 MS. HUNTER: Okay. Our next three --

22 I have a comment here from Ann, and she  
23 just wanted to know if we can get an email copy of  
24 the presentation or if they'll be online somewhere.

25 MR. HILL: The presentations will be made

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2 Jim, and he can give it to you via email.

3 MS. LOWMAN: John, were there some copies  
4 here?

5 MR. HILL: There are some copies --

6 AUDIENCE MEMBER: They're gone. They're  
7 gone.

8 MR. HILL: You can request a copy directly  
9 from one of us.

10 MS. HUNTER: So our next three speakers are  
11 Jeff Kline, Daniel Horowitz, and Snehal Patel. I'm  
12 sorry.

13 MR. HILL: The City has just also stated  
14 they'll have the presentation online too.

15 JEFF KLINE: Since there has been a lot of  
16 press coverage of the Tech Memo, and a lot of the  
17 coverage seems to have gotten people very excited  
18 and confused, I'm wondering if the Navy has, and  
19 also Mr. Sullivan has claimed that the -- one of --  
20 at least one of the articles in the Bay Citizen on  
21 the cover of the radiological issues, the  
22 interactive mapping in that article was not correct.

23 So I'm wondering if the Navy has identified  
24 issues of fact errors and issues of fact in the  
25 press coverage, and have they contacted the authors

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1 and tried to correct these errors of fact.

2 MR. HILL: Yes. The Navy did provide  
3 extensive interviews to the -- in response to  
4 questions to the reporters who wrote those articles.  
5 It is unfortunate that a lot of the information,  
6 over an hour and a half of discussions with one of

7 the -- one of the authors was not reported.

8           It is not our normal practice to debate the  
9 media. The media is free to write and speak as they  
10 wish. That's why we're here tonight, though, to  
11 help correct the record, provide the facts that you  
12 are most interested in hearing here, and -- and I  
13 think that's just the situation.

14           DANIEL HOROWITZ: Hi, I'm Daniel Horowitz,  
15 a recent resident of Treasure Island, since  
16 December. Moved here, ironically, for my health,  
17 just healthy San Francisco, but I'm concerned. And,  
18 you know, I've seen the articles -- the articles,  
19 the maps, and a lot of that stuff's really scary,  
20 and then, you know, I hear these presentations, and  
21 it's like two different worlds. So, I mean, I'm  
22 trying to reconcile those two. And it doesn't just  
23 make a whole bunch of sense to me.

24           I know in those articles they mention  
25 people who grew up on the island, and the Navy and a

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1 number of those people having cancer and that sort  
2 of thing. And so I guess part of my question is  
3 whether the State and/or the City, Public Health  
4 Departments are going to do follow-up studies or  
5 check up on these private contractors to make sure  
6 that they're -- not just check up, but, I mean, do  
7 their own studies to make sure the radiation isn't  
8 beyond what it should be.

9           And my understanding too was that the  
10 initial article that came out in the Chronicle was  
11 prompted by the Public Health Department, State  
12 Public Health Department comments on the Navy's most

13 recent report. And those were supposed to come out  
14 I think the 5th.

15 My dad's been calling about them and hasn't  
16 been able to get them, and I'm wondering if those  
17 are going to be made public because it seems like  
18 there is sort of tension between the notion that  
19 everything's fine and -- and some of the findings of  
20 public health.

21 And I'm not sure that's true, but that's  
22 the impression I'm getting. Perhaps you....

23 MR. WOODS: So the comments will be  
24 available to the public as soon as we release those  
25 comments. So we'll provide those.

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1 In terms of the follow-up studies, the  
2 Department has been doing investigations at TI since  
3 2011, and actually late 2010, and we're still doing  
4 some studies.

5 And we do license the contractor, Shaw, and  
6 then the other contractor, EMS, so we do investigate  
7 both complaints on those contractors. We do inspect  
8 them on a regular basis. So we are out here.

9 So that's why it's important, if you  
10 communicate to me via the email address or the phone  
11 number if you see something out there, as much  
12 information as you can provide us, will give us the  
13 information that we can go and take and do our  
14 inspections of the contractors working at Treasure  
15 Island.

16 DANIEL HOROWITZ: Yeah, I'm not even  
17 speaking so much because I don't know what -- you

18 know, what proper disposal or anything is supposed  
19 to look like. I mean, you know, I'm a waiter, so I  
20 don't know that.

21 But what I'm concerned about is that there  
22 are reports in the media saying that there is  
23 disease clusters here that may be related to toxins,  
24 either radioactive or the chemical, and are there  
25 any plans either by the State or the City to do a

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1 study of the residents who live here or lived here,  
2 medically, I mean, to see if they've been  
3 contaminated or if there has been a natural history  
4 of disease here. I mean, I think that's pretty  
5 pertinent.

6 That's what the articles were reporting. I  
7 don't know if it's true. I have no way of knowing  
8 if it's true, but I would think that my State  
9 representatives would be looking into that, if there  
10 was any valid -- you know, validity to it.

11 MR. WOODS: So in terms of -- from the  
12 radiological examination, our investigation and  
13 where we're looking for those exposures, at this  
14 point other than the five areas we saw out of the  
15 restricted areas at Site 12, we haven't seen any  
16 exposures that would indicate potential for any kind  
17 of disease. We're still investigating, that's an  
18 ongoing process.

19 And that's based on the information you  
20 provide us. Anything that you see, hear, let us  
21 know. We'll come out and do our inspections to make  
22 sure those contractors are doing what they're  
23 supposed to do.

24 MR. HILL: Additionally, there is also an  
25 agency -- it's actually called Agency for Toxic

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1 Substances and Disease Registry. They're not here  
2 tonight. There wasn't obviously a concern that --  
3 they don't see the need to be here tonight, but at  
4 the same time you can contact them directly to  
5 conduct --

6 DANIEL HOROWITZ: Is that a state agency  
7 or....

8 MR. HILL: They're -- pardon me?

9 AUDIENCE MEMBER: Center for Disease  
10 Control.

11 MR. HILL: Agency for Toxic Substances and  
12 Disease Registry. And they can conduct a public  
13 health consultation if a concerned citizen so  
14 requests. But that will be their decision based on  
15 the information and the facts that they evaluate.

16 MS. DUCHNAK: Do you guys have a fact  
17 sheet?

18 MR. HILL: I don't know. Is there a fact  
19 sheet?

20 There is a fact sheet out there on this  
21 subject. So you might --

22 MS. KIM: Can I just interrupt really  
23 quickly at this point?

24 So I'm sorry. I know there is a lot of  
25 residents that want to speak. But the answer a lot

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1 now has been, so when you see this, tell us, but  
2 you're not -- could you be specific about what

3 information you specifically need so that if the  
4 residents do email you they know what to look for  
5 and observe? Because I think this is not that  
6 helpful because residents are telling you right now  
7 what they're seeing, and what you're telling them is  
8 to email them later again when you see it again. So  
9 if they're not giving you the data that you need now  
10 to start the investigation from what they're telling  
11 you they've observed, then tell us what it is that  
12 you need to get from us.

13 And I think the second question is, and I'm  
14 hoping that San Francisco Department of Public  
15 Health can answer this, how do the residents get  
16 access to health patterns here for Treasure Island  
17 residents? We have data collected by Zip Code, I  
18 assume, and the Zip Code here for Treasure Island is  
19 pretty simple. So I think the question is, how can  
20 they get more information on health patterns and the  
21 history of patterns here for Treasure Island  
22 residents?

23 (Applause)

24 MR. WOODS: I'll take the first part.

25 So in terms of what I heard so far is

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1 dealing with the placarding, tarps essentially being  
2 in place, dust control. If those are the types of  
3 things that you see that -- that's happening in the  
4 neighborhood, let us know, contact us, and we'll  
5 come out and do our investigation.

6 JEFF KLINE: We just did.

7 MR. WOODS: We're out here. We'll continue  
8 to be out here. We've done our investigation, we've

9 done our surveys. Those are a continuing, ongoing  
10 process. So that information will help us to  
11 further refine the areas that we're going to look  
12 at.

13 MR. LECLERC: I'd like to add on  
14 enforcement. I understand that folks have seen  
15 violations, but we're an enforcement agency. If you  
16 want us to go fine the Navy or their contractor for  
17 not putting tarps on the ground, we have to see  
18 that. Our inspectors have to go out and see that  
19 tarp out of place, then we do it. Because simply  
20 our law is such that a citizen complaint makes us  
21 take action to go inspect.

22 Our inspectors see something, we document  
23 it, that is a violation, and we can act on it. So  
24 it's important that citizens let us know. We have  
25 folks across the Bay, ten minutes away, who can

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1 drive over here and see a violation of a law. So if  
2 you contact us, we can react immediately, but we  
3 cannot fine the Navy or contractor based on a  
4 citizen's complaint. It has to be our inspectors.  
5 So that's why you guys have to let us know real time  
6 for us to be able to give you the kind of reaction  
7 that it appears that that's what you want.

8 If you guys see the Navy violating the law,  
9 you want us to do something about it, we have to  
10 catch them; and if we do, we will fine them. But I  
11 think just knowing that someone believed a tarp was  
12 off a truck two months ago, gives us background  
13 information to look for that in the future, but

14 that's not something that we can fine and violate  
15 the Navy for at this time without documented proof  
16 from our enforcement staff.

17 MS. LOWMAN: The other thing we need to  
18 know, for the Navy at least, is that we know where  
19 you saw this, when you saw this, if it was a  
20 specific truck, is there a marking on the truck, is  
21 there a license plate on the truck, so that we can  
22 track that down and make inquiries. Or if you say,  
23 you know, I saw dust over here, I need to know where  
24 over here is. So it can't just be a generic  
25 question, that we need more specificity. I don't

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1 always get that word.

2 MR. HILL: One last thing before we turn it  
3 over to Amy for her portion of the answer, but CDPH  
4 does do surprise inspections on their own, and they  
5 have responded to allegations in the past and  
6 recently.

7 So I don't know if Steve wants to highlight  
8 that, but these are not enforcement or inspections  
9 that are -- you know, you are putting the  
10 contractors on notice. This is a -- you know, an  
11 honest attempt to respond to concerns.

12 MR. WOODS: Just briefly, our inspectors  
13 are coming out of Richmond, so we're in the area.  
14 So we're not coming all the way from Sacramento. We  
15 have inspectors in the area. As John said, we do  
16 drop in. We do inspect with regular frequency.  
17 We're here weekly. We're not here 24/7, so that's  
18 why we need the assistance of the community to help  
19 us.

20 So we do come in and inspect unannounced.

21 MS. BROWNELL: So Amy Brownell, again with  
22 the San Francisco Health Department.

23 And thank you Supervisor Kim for clarifying  
24 the questions.

25 I just wanted to mention that San Francisco

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1 Health Department, Dr. Tomas Aragon is here, and  
2 he's the health officer with the San Francisco  
3 Health Department, so he can tell you about what  
4 services the Health Department can offer as far as  
5 diseases and disease registry information on that.

6 DR. ARAGON: So we do -- we do --

7 So we do look at disease patterns. We  
8 haven't specifically looked at Treasure Island. We  
9 can do that.

10 One question I do have. What's the  
11 population here?

12 AUDIENCE MEMBER: 2000.

13 DR. ARAGON: So one of the biggest  
14 challenges that we have is with -- even if there  
15 were elevated rates, when you have a small  
16 population, it's just very hard to detect. But  
17 we'll look in to see what data we do have available,  
18 and we'll get back to you. But I just wanted to let  
19 you know ahead of time it is challenging when you  
20 have a smaller population for detecting. If we were  
21 to find nothing, it doesn't mean that something  
22 doesn't exist. But we will get back to you.

23 MR. HILL: Thank you.

24 SNEHAL PATEL: Hi. My name is Snehal

25 Patel. I've lived on the island for the last, oh,

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1 over ten years. My -- a bunch of my questions have  
2 been already asked and answered too, and thanks to  
3 Supervisor Kim as well as a couple of the residents  
4 as -- as to the key questions.

5           Maybe -- I want to hit a couple of  
6 multi-part type of questions. One of them is, is  
7 the contractors, the issues with contractors. If  
8 they're violating rules and so forth, how many of  
9 the incidents have occurred so far that we don't  
10 know of?

11           Two, perhaps we should have a hotline, one  
12 number, that we can call, the residents can call,  
13 and it would be that -- that department, whichever  
14 department wants to take charge of it, it's their  
15 responsibility to follow -- follow up on it.

16           Second, the same contractors, since the  
17 issues are repeating over and over again, then  
18 perhaps it's time to replace the contractor. We --  
19 not surprisingly there's a lot of projects like  
20 this. We don't seem to choose to replace a  
21 contractor but rather to fix the problem. Well, a  
22 lot of times the biggest problem is the contractor  
23 itself.

24           Thirdly, the thing that concerns me  
25 recently, not just the radioactivity, but all of a

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1 sudden we seem to be having newer sites where  
2 incidents have shown up.

3           And so my question is, do we -- do the  
4 preparations and picking up the samples location

5 properly, otherwise why are we finding additional  
6 sites where we're finding radiation as well as other  
7 chemical spills?

8           Third, as the spills are occurring, or at  
9 least we've noticed some new ones, possibilities of  
10 things seeping -- not necessarily seeping through  
11 just water but seeping through as -- because this is  
12 landfill as things move underneath, how far did we  
13 go for test samples? What is the depth that we have  
14 taken into the samples that we have found, and have  
15 we gone underneath the houses? Have we gone through  
16 a core of a sample of the foundation to see are  
17 there -- especially those radiation incidences that  
18 are in the backyards? What about the house itself?

19           And, third, there has been no maintenance  
20 since the Navy has let go of the properties, on the  
21 exterior part of the properties; so, therefore, the  
22 buildings are extremely rundown. As matter of fact,  
23 I think the City would love to get the new  
24 development project going quicker, and so would I  
25 and a lot of the residents would too, but in a

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1 proper way.

2           And, finally, thanks for all for showing up  
3 and having such a nice meeting. And thanks for the  
4 residents that are showing up because it's very  
5 difficult when in our meeting like this with certain  
6 conversations are going on, which we don't seem  
7 to -- this is not our professional jobs to  
8 understand. So we do a lot of the research. Some  
9 of it is good. And others not knowing, that's why

10 it feels foreign to them.

11 As a matter of fact, you notice that after  
12 the break there have been quite a few residents that  
13 have left because we have things we've got to do as  
14 well.

15 MR. HILL: Okay. Thank you, sir.

16 I heard a few comments in there. Those are  
17 noted, and those will be taken into consideration by  
18 the agencies that are responsible for the quality of  
19 life, the maintenance of the property. There was  
20 also some recommendations.

21 And the first question you asked, which was  
22 how many incidents have occurred, and that answer,  
23 we obviously don't have that information tonight,  
24 that will be part of the record as well in the  
25 responses.

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1 But one technical question I think we can  
2 answer right now, and that is how deep do we --  
3 well, radiological, I'm assuming. How deep do we  
4 actually sample and in relation to -- and how is  
5 that affected by I guess liquefaction concerns as  
6 well as the foundations of the house?

7 MS. LOWMAN: Want me to answer?

8 MR. HILL: Sure.

9 MS. LOWMAN: Thank you.

10 The sampling has been done as low as ten  
11 feet. There is a very high water table, so it gets  
12 more difficult the deeper we get because you pull up  
13 a sample that is mostly water. But we try very hard  
14 to get a sample as low as we can.

15 Some of the contracts that were -- because

16 we did not anticipate this type of contamination  
17 when we started in Site 12 at the Solid waste  
18 Disposal Areas the initial contracts had a maximum  
19 of four feet. We couldn't -- the contract required  
20 the contractor to stop at four feet. But in A and  
21 B, where we have found the higher levels of  
22 contamination, we have gone down as low as ten feet.

23 MS. HUNTER: Okay. Our next three speakers  
24 are Flynn Darby, Will Spencer, and Dennis M.K.

25 FLYNN DARBY: Hi, I'm Flynn Darby. I've

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1 been a resident for about two and a half years now.  
2 I think my question is sort of a follow-on to  
3 Mr. Patel's just a moment ago.

4 I live close to the USS Pandemonium site,  
5 the northwest one, and I see there is a newly  
6 identified potentially radiological impacted site.  
7 And I've gone over that area, and my question is,  
8 how did you come up with those exact lines to  
9 determine what's impacted and what isn't? Like, for  
10 instance, it goes directly through Unit 1312  
11 Gateview Avenue, and I live a few houses down.

12 I'm sure people that are in that site are  
13 probably wondering is my house going to be  
14 condemned. I'm wondering is that line going to get  
15 extended after the survey period is done. Is my  
16 house going to be one that also could be impacted  
17 later.

18 So how did those lines get drawn?

19 MS. LOWMAN: The lines that denote a  
20 radiologically impacted site are based on the

21 previous radiological operations at that site.  
22           So for the Pandemonium area, it is the  
23 definition of the area that was used to support the  
24 training in the Pandemonium. They had various types  
25 of very short-lived radioisotopes. They did some

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1 contamination of the ground, and then they would  
2 scoop it all up. None of those isotopes are still  
3 here. They've gone through well more than 10  
4 half-lives, but that is the line. It isn't based on  
5 where your house is. It is based on where the  
6 operations took place previously.

7           FLYNN DARBY: Well, was there a fence there  
8 or --

9           MS. LOWMAN: Yes. It's very well defined  
10 in maps and everything, and I believe there is  
11 references in the HRA Supplemental Tech Memorandum.  
12 It's got -- all of our statements have to have a  
13 reference that goes to it. There's the CD with  
14 references. And it will show you out of the actual  
15 Atomic Energy Commission licenses for the first site  
16 exactly where those operations were and what was  
17 located in that area. And it's in the references  
18 for the HRA STM.

19           FLYNN DARBY: Thank you.

20           MS. DUCHNAK: But you've done some  
21 supplemental scanning.

22           WILL SPENCER: Hello. Hello, everybody.  
23 My name is Will. I've been a resident here for  
24 eight years, including I lived back here in 2001  
25 briefly as well.

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1 First a statement for my fellow residents.  
2 If you're concerned about radiation exposure in your  
3 home, there is this device [indicating]. For those  
4 of you on the Facebook group, you've heard me talk  
5 about it. You can get it from  
6 Radiation-watchdog.org. This is a publicly financed  
7 project for residents of Japan who were exposed to  
8 radiation after the Fukushima disaster. This is  
9 certified, plugs into your smart phone, Android, or  
10 iPhone. It's about \$90. So it's a little  
11 expensive. But I used it in my home, and I was very  
12 glad. So Radiation-watchdog.org.

13 I can also work out, or I can come to your  
14 house and do a survey for you if you like, or you  
15 can borrow it, or we can work that out. So just  
16 letting the residents know that there is a way to  
17 survey this on your own, and you don't have to take  
18 people's word for it.

19 So, first, I would like to ask everyone in  
20 the room who is not up here, if you work for a state  
21 or federal or contracting agency, if you are sitting  
22 in the audience, will you please stand up? And you  
23 have intimate knowledge.

24 Anyone from Shaw or any other agencies  
25 sitting in the audience, please stand up. Thank

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1 you.

2 Now please -- please stay standing. Please  
3 stay standing. Thank you.

4 Those of you who do not have intimate  
5 knowledge of the Treasure Island site and work here,

6 you may sit down.

7 So everyone standing has intimate knowledge  
8 of Treasure Island both radiological and  
9 chemical/toxic. Thank you.

10 would those of you, including everyone up  
11 front, if you have families, please raise your  
12 hands. Raise them higher, please. Thank you. All  
13 the way up.

14 I'm going to ask you to keep them up if you  
15 would feel comfortable raising your families here on  
16 Treasure Island today.

17 I'm going to ask that you continue to keep  
18 them up. I'm going to count backyards in years from  
19 2012 back to when this was first leaked to the  
20 public, 1999 and further, if you would feel  
21 comfortable having started raising your family that  
22 year on Treasure Island.

23 2012.

24 2011.

25 MR. HILL: Can we just skip maybe five

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1 years?

2 WILL SPENCER: Fine. 2005. 1999. 1999.  
3 Everyone who currently has their hand raised would  
4 feel comfortable having raised their family here on  
5 Treasure Island beginning in 1999 from pregnancy  
6 through to birth?

7 MR. LECLERC: Absolutely. Absolutely.

8 WILL SPENCER: Absolutely?

9 MR. LECLERC: Absolutely.

10 MR. HILL: I think the point is there is a  
11 lot of scientists, environmental engineers, and

12 environmental specialists, trained technicians that  
13 have kept their hands raised, and I think that  
14 should be reassuring.

15 WILL SPENCER: Absolutely.

16 So the reason -- the reason why I did that  
17 exercise is it's very easy for us to be on this side  
18 of the table and you to be on that side of the  
19 table. And I understand that none of you are  
20 workers, none of you work on the sites yourself, you  
21 are managers, and you trust the people beneath you  
22 to do their jobs, and people beneath them to do  
23 their jobs.

24 And I can identify three specific occasions  
25 that we've discussed here tonight why I think it's

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1 fair to say people didn't do their jobs.

2 And so I will just wrap up by saying this,  
3 if you don't mind. So the original HRA was  
4 incomplete or incorrect, and so the supplemental was  
5 issued. The fence lines were established at  
6 westside -- westside Drive and other locations, then  
7 new significant hotspots were located outside the  
8 fence lines, so new barriers went up, and then  
9 thousands and thousands and thousands of pounds of  
10 dirt and, quote/unquote, devices have been trucked  
11 away since 2006.

12 They were supposed to be covered. They  
13 weren't covered, and nobody really has any answers  
14 why. So those were three occasions where I think we  
15 can all agree that great work has not been done  
16 under your leadership or perhaps your predecessor's

17 leadership.

18           And I understand that we could be very  
19 adversarial, but ultimately I would like us all to  
20 be on the same page. As people we're looking out  
21 for our health, safety and you're looking out for  
22 ours. And I appreciate all of you taking  
23 responsibility for that, agreeing to say, yes, we'd  
24 feel comfortable raising our families out here and  
25 giving us that reassurance.

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1           So thank you very much.

2           MR. HILL: Thank you.

3           MS. HUNTER: Okay. Our next three speakers  
4 are Dennis, Irma, and then Vicki.

5           DENNIS MCCORMICK-KOVACICH: There were  
6 several references earlier, I don't remember  
7 specifics, but in measuring the radiation and toxins  
8 talking about the acceptable level being a certain  
9 amount above background.

10           And in the case of radiation, how do you  
11 know what the background is? Did they measure it in  
12 1937 or whatever when they were building this  
13 island? Did they even know -- were they concerned  
14 about radiation back then?

15           MS. LOWMAN: In the '30s, yes. And the  
16 Navy used radium in the '30s; however, to measure  
17 background out here at Treasure Island, or anywhere  
18 else, what we do is we take a selection of  
19 radioactive -- not radioactive -- selection of --  
20 sorry -- soil samples or media samples from whatever  
21 you're trying to determine the background level of  
22 radium in.

23           And if it's soil samples, we have soil  
24 samples for around non-impacted areas of Treasure  
25 Island. We run those samples and we look for --

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1 because we can tell if it's naturally occurring  
2 radium versus what they call T-norm or technically  
3 enhanced naturally occurring radioactive material.  
4 And we can tell by the radionuclides that are  
5 included in the samples.

6           We use those samples to determine an  
7 average level or a background level for the  
8 radionuclide of concern. In this case radium. So  
9 radium has a half-life of 1600 years. Whether they  
10 used it in the '30s or today, it's still going to be  
11 there.

12           DENNIS MCCORMACK-KOVACICH: Yeah, I was  
13 just thinking if it hadn't been measured beforehand,  
14 you wouldn't know what the background was.

15           MS. LOWMAN: No. It's naturally occurring  
16 in the soils, in the rocks. It's there since the  
17 earth was formed. It is not something that you  
18 think of as being contamination. It is actually in  
19 the ground materials itself, or in the concrete from  
20 the rocks and everything that -- the sand that was  
21 used to make the concrete. So it is something that  
22 has been there literally since the earth was made.

23           DENNIS MCCORMACK-KOVACICH: Okay. And just  
24 one other concern. My wife, who is deaf, requested  
25 an interpreter as soon as she found out about this

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1 meeting and never got any response.

2 MS. LOWMAN: I'm sorry.

3 MR. HILL: I apologize for that. I  
4 don't -- not so sure who the interpreter was  
5 requested from, but we apologize for that.

6 DENNIS MCCORMICK-KOVACICH: If you could  
7 find out who the proper person to ask is for future  
8 meetings.

9 MR. HILL: For future meetings, if it's  
10 Navy sponsored, Jim Sullivan. If it's the City or  
11 any other meeting agency, just contact that agency  
12 directly.

13 Okay. Thank you.

14 MS. BROWNELL: Amy Brownell from the  
15 San Francisco Health Department. I just wanted to  
16 add one more thing about the background issue.  
17 Recently there was a survey done by the --  
18 Steve, you might have to help out here --  
19 -- the National Nuclear Security Agency  
20 Homeland Security that was totally independent, had  
21 nothing to do with anything that we were doing here.  
22 They did a survey in a helicopter with radiation  
23 detectors at about 300 feet, and they literally flew  
24 back and forth from across Treasure Island and  
25 several other spots in San Francisco.

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1 They're doing it as part of a research  
2 project to understand background levels in areas so  
3 that they'll have a measure in place so that if  
4 there were ever reason to worry about levels, they  
5 would have a background already in place. And that  
6 was done in August, and we have -- State Department  
7 of Public Health has the preliminary results.

8           And my understanding is that no concerns --  
9 this part of our weighted evidence that there are no  
10 concerns on this Island is that there were no  
11 concerns found and no anomalies or anything that  
12 they didn't know about. So, again, another weight  
13 from a completely different agency said that, yes,  
14 we've scanned the island, and there's not any  
15 problem.

16           MR. WOODS: Just real quick, on the aerial  
17 surveys that Amy's talking about, the data is  
18 quality controlled. That data is supposedly going  
19 to be released by the federal agency sometime by the  
20 end of October. And so the flyover data that they  
21 did, I think that was done on August 3rd. You  
22 probably saw the helicopters. Did you see the  
23 helicopters flying over?

24           That survey was done, and the data -- the  
25 initial data we looked at. The Department was

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1 involved in that survey. We didn't see anomalies,  
2 but until the data gets quality controlled and we  
3 take a look at those final reports, that will be the  
4 point that will be released sometime in mid October.

5           IRMA GUILLEN: Okay. Thank you.

6           My name is Irma, and I live on Treasure  
7 Island since the year 2000. So I arrive here with  
8 my two kiddos, and they were -- in October 2000.

9           I want to mention to begin with that this  
10 is the very first time I'm coming to this meeting.  
11 I have been reading through the newspapers once in  
12 awhile, the papers posted on my door, about the

13 environmental studies research that you are doing or  
14 the Navy are doing. And particularly the very last  
15 one mention that we are free of risk.

16 On how many places did you test? Four or  
17 five. The Childcare Center, the Offices of Catholic  
18 Charities where the program for homeless are, okay,  
19 the staff, Boys and Girls Club, another more or  
20 maybe two more. Nothing about housing area, where  
21 the bulk of us live. Because not everybody -- Boys  
22 and Girls Club to begin with is not such popular.  
23 Believe me there are plenty of kids that don't  
24 attend that. Childcare Center, the same thing. So  
25 the bulk of the population of the island is in the

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1 housing area, and you didn't test us.

2 No. 2, I was listening, because I enjoy  
3 science I was listening carefully to the  
4 presentation of Mr. Sullivan and Ms. --

5 MS. LOWMAN: Lowman, Laurie.

6 IRMA GUILLEN: Thank you.

7 It caught my attention. If you are telling  
8 us that we are okay, free of risk, everything is  
9 fine, why do you mention that in the year 2013 and  
10 in the year 2014 Bayside are going to be retested?  
11 We're fine. Remember? Why are you going to invest  
12 more?

13 I don't believe you. I'm sorry. Excuse my  
14 boldness. But I think that we all are contaminated.  
15 Nobody is going to be able to put the club back. To  
16 deny this is to try to cover this with a finger. We  
17 are contaminated, and we are at risk every single  
18 time, minute, day that we spend here.

19           The most smart thing that you can do for  
20 us, the population, is to keep -- to start a list  
21 with the people, especially with the kids who were  
22 born here or who are right here as infant or  
23 toddlers, the pregnant women, and follow up on these  
24 individuals, because sooner than later, I mean,  
25 issues are going to be arising. And that is

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1 something that you can do. It's in your reach. And  
2 I think we deserve it. That's a minimum. Because  
3 nothing can be done.

4           Again, excuse my boldness, but I don't  
5 believe you when you say that everything is fine,  
6 everything is okay, we are safe, no risk. That is  
7 not what -- what people conclusion is.

8           Thank you.

9           MR. HILL: Maybe Steve can explain the  
10 difference between current Health Risk Assessments  
11 and then long-term cleanup actions to protect the  
12 long-term health and -- and the environment.

13           MS. DUCHNAK: And the additional scanning.

14           MR. HILL: And the additional scanning  
15 that's going to be performed.

16           And then the second part we've heard that  
17 request again, Amy, for a Public Health Assessment.

18           So Jim.

19           MR. WOODS: Okay. I can talk first.

20           In terms of the surveys, you've done the  
21 site 12 surveys. That was done back in April.  
22 Actually, twice in April, and again in July. We did  
23 the playground area site 12. In August we did the

24 Childcare Center, Building 33A through 33D, and the  
25 trailer area at the corner of 9th and D. We also

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1 looked at Building 342, the public access areas at  
2 the USS Pandemonium site, at Lot 69, Site 31, and  
3 also the Life Learning Center.

4 we're still looking at Building 3 and also  
5 the backyards of the residents near the Pandemonium  
6 site. That's Building 1312 through 1318. Those are  
7 the areas that we've covered. And still -- there's  
8 still areas that we're still investigating. Doesn't  
9 mean that will be the end of it. There may be other  
10 requests, other concerns, and those will all be  
11 considered.

12 MR. SULLIVAN: To add to what Steve said,  
13 why do we go where we go and do what we do, you  
14 know, in the housing area. That's defined by -- by  
15 our review of what the activities are, what we  
16 learned step by step of -- of, you know, what the  
17 past activities were in the housing area.

18 The reason that we're in the Northpoint  
19 Drive, the Bayside Drive, and the Westside Drive,  
20 Lester Court, also known as Areas A/B is because  
21 those were identified as a -- as areas where  
22 materials could have been disposed of. And we  
23 collected in a series of investigations information  
24 not only on chemical but the physical presence of  
25 debris, and that led us to identify these areas

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1 that -- in fact, that they were disposal areas, and  
2 so those are the areas that we've gone into to  
3 further survey and excavate.

4           In the specific case of Bayside --  
5 Northpoint Drive and Bayside Drive, we've done some  
6 there. We've done some soil excavation. It looks  
7 like we're going to be producing a report on the  
8 results of that work. It looks like based on what  
9 we see in the initial report that we'll probably  
10 need to go back out and do some additional work  
11 there.

12           We never meant this to be a final cleanup  
13 action. It was -- it was known as a removal action.  
14 That's where we know that there is -- that there is  
15 some disposal activities with elevated chemical  
16 contaminants of concern. So rather than wait to get  
17 through the whole stepwise process of determining  
18 what the final cleanup decision is going to be, we  
19 go out to these areas now, if we know where they  
20 are, and start work. So this is all a work in  
21 progress.

22           So we've -- we've excavated a lot of soil,  
23 but in association with that we've collected  
24 samples, both chemical and radiological, around the  
25 perimeters of these areas. So we feel -- I think

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1 the State would feel that we've -- that we've pretty  
2 well characterized these areas in terms of the  
3 location, but we're not -- but that isn't the only  
4 thing we're going to do. We are going to be -- we  
5 are going to go ahead and do a surface scan,  
6 collecting other radiological information throughout  
7 the housing area.

8           But based on the data that we have to do

9 date from the radiological data and the chemicals  
10 that we've collected outside of these known disposal  
11 areas, we haven't seen anything of significant  
12 concern.

13 MR. HILL: Let me also just state that, you  
14 know, the Navy's goal is not only to protect current  
15 risks, human health and safety, and by addressing  
16 any current risks, and that's the work that's  
17 being -- also that risk is also -- or lack of risk  
18 is also being validated by CDPH.

19 But it's our goal to actually leave the  
20 island. We're no longer the operator of the island.  
21 Our goal is to turn it over for redevelopment. So  
22 we have long-term cleanup actions, not only for RAD,  
23 but for other contaminants of concern to address the  
24 long-term risks that could develop if we did not  
25 take a cleanup action on those materials that we

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1 need to.

2 So that's why the schedules for those  
3 long-term -- you know, to address those long-term  
4 risks, you know, lead out to 2013 and '14, because  
5 we actually have physical fieldwork we have to  
6 complete and administrative documentation to  
7 actually have the assurance and the concurrence by  
8 the State that all of our work at those sites is  
9 complete.

10 So there is the current risks, and there is  
11 an answer to that; and then there is also the  
12 controls in place while we continue to conduct those  
13 cleanup actions so that we ultimately walk away from  
14 the site feeling comfortable.

15 VICKI JONES: My name is Vicki Jones.

16 Again, I'm a resident.

17 Ray, I need to tell you, you insulted our  
18 intelligence completely, because if we tell you that  
19 there are trucks leaving this island that are  
20 uncovered, that's all you need to know. Okay. You  
21 need to start writing tickets and fining them.

22 Second part, over there by the -- the sewer  
23 plant, the wastewater treatment plant, if I'm right,  
24 isn't that -- or at one point when you guys had the  
25 meeting the last time, you said that that was

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1 considered a more or less hot spot. Now, if that's  
2 a hot spot -- or maybe you changed it today. If  
3 that's a hot spot, why do you guys have City workers  
4 over there training?

5 It's like Irma said, you guys don't care  
6 about us. You don't care. But really there is  
7 nothing you can say to me to convince me that you  
8 care about the residents on this island. It's like  
9 she said, she lives in Virginia. You guys don't  
10 live out here. Okay. You don't know nothing about  
11 the health issues that's going on out here.

12 You know, that's like Kathryn and her  
13 family. You guys run up in there and suited up in  
14 your PPE, but you guys still ain't gave her the  
15 report on what was in her house. Okay. How was she  
16 supposed to deal with that?

17 You know, that's not fair. And granted,  
18 who said life was fair, but, you know what, you guys  
19 owe us some answers. Give us that much, if nothing

20 else.

21           You know, can you imagine how we feel every  
22 day? You know, my baby got a fungus on her head  
23 that every doctor can't even explain because they  
24 don't know what it is. It's not ringworm. You  
25 know, she breaks out in bumps. But you guys don't

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1 have no answers. We didn't have this stuff before  
2 we moved here. That's not fair.

3           And it's like I said, I wasn't going to  
4 take this personal, I wasn't going to get mad, but  
5 the thing is, I am so upset. Okay. It's like I lay  
6 down at night, and it's like what's next, you know.  
7 It's not fair how you guys are treating us.

8           And granted you say, okay, we would have  
9 told you. You guys wouldn't have told us this if  
10 the media had not uncovered it first.

11           Okay. All of the families, you look at the  
12 people, the kids that were stationed here with their  
13 families, how many still alive? One, and she has  
14 breast cancer that's in remission. Okay.

15           My friend that worked for DPW, she's dead.  
16 She lived on this island. She got a cancer. Okay.  
17 And that's --

18           Like you say in the statistics. What about  
19 the statistics? It's like you guys aren't keeping  
20 track. There are so many sick people on this  
21 island, but nobody knows who to talk to because we  
22 feel like nothing is going to be resolved.

23           LA SHAWNDR A BRESTON: Everybody passing the  
24 buck.

25           VICKI JONES: Everybody has something on

1 this island, whether it be asthma, arthritis, skin  
 2 rashes, blindness, whatever, but nobody is doing  
 3 anything.

4           Okay. This is what -- I don't know how  
 5 many meetings this is, but the thing is -- I'm  
 6 trying -- bottom line, it's not fair. That's the  
 7 bottom line. We need some answers. I mean, it's  
 8 kind of like do I wake up tomorrow and say, you  
 9 know, I'm not even going to claim that disease, but  
 10 the thing is it's like a lot of us are sick.

11           We just want somebody to care about us.  
 12 It's not about the reason why we live out here or  
 13 whether we live up on top or on bottom. It doesn't  
 14 matter. Okay. What matters is our health and our  
 15 safety and how our kids are raised.

16           And I guarantee you there ain't no way in  
 17 hell you'd bring your kids out here to live. I  
 18 guarantee it. That's like if I was to go outside  
 19 and get some dirt and put it on that table, or put  
 20 it on you, try to tell me you wouldn't flip out. I  
 21 bet you you would.

22           AUDIENCE MEMBER: I've got some water at  
 23 home.

24           VICKI JONES: Okay. I'm done.

25           MR. HILL: Thank you, Ms. Jones.

1           MS. HUNTER: So our next speaker is  
 2 La Shawndra, and then our last speaker is Snehal  
 3 Patel.

4           LA SHAWNDRA BRESTON: So I'm in agreement

5 with Vicki. If you have people that are ten minutes  
6 away what did you say, Richmond, Redwood City? --  
7 then they need to be out here and taking some  
8 ten-minute breaks. How about that?

9           Because I'm telling you that ever since  
10 I've lived down here, your work sites have not been  
11 safe. Now, whatever controls you want to put in  
12 place from this point forward, whatever is supposed  
13 to be done, it has not been done, and that needs to  
14 be addressed because you still have plans to move  
15 forward. You still have plans to go through with  
16 the remediation.

17           You need to take into consideration that  
18 the way it was supposed to be done, it was not done  
19 correctly. You need to take into consideration that  
20 that may have had some serious effect on the  
21 residents out here. You need to take into  
22 consideration that you are accountable for that.

23           And she is right, that you do owe us some  
24 answers. Don't sit up here and leave us in the  
25 dark. Oh, it's okay. You've been telling us that

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1 since day one, and here we are right now, everything  
2 is not okay.

3           Ten minutes away, get them out here, leave  
4 them on the island, let them take ten-minute breaks.  
5 And then because if this is what it's going to take,  
6 if I got to tell you, if I got to tell you, I  
7 haven't been trained in this, I don't sit on your  
8 panel, you're not sending me a paycheck. This is  
9 your job. Do it right.

10           (Applause)

11 MR. HILL: Thank you.

12 MS. HUNTER: Snehal Patel.

13 SNEHAL PATEL: Snehal Patel again.

14 A couple of things that just keeps ringing  
15 in my head about the speech that Ms. Lowman had  
16 made. In particular about using technology. And I  
17 can picture something very simple that we could do,  
18 especially for those offices where -- are not  
19 located locally. Ideally you'd have CCDs. This  
20 island there is only one exit. For trucks who leave  
21 you can have a camera set aside for that, for  
22 incidents that occurs, or for you'll know when a  
23 truck is going to leave, so you can take a look at  
24 it. It's a simple concept.

25 Second, on any site activity that's going

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1 on there can be one or two CCD cameras available and  
2 taping so that you can go back and refer if an  
3 incident did occur.

4 The question that constantly keeps arising  
5 is to contractors that's possibly at fault. We have  
6 no idea. It's up to us to report. But this is a  
7 perfect example of using technology to provide some  
8 information that we don't have.

9 Second, I have a soil sample here. Anybody  
10 care to grow vegetables on this sample?

11 This is the problem that we're having right  
12 now in our own backyards, that we cannot grow our  
13 own basically mint or any kind of herbs. Tomatoes,  
14 peppers, none of that is growable here. Or we can  
15 grow it, but I don't know how hot it is.

16           And then, finally, the implications that  
17 seems like everybody complains about is -- has to do  
18 with liability. Nobody wants to take the  
19 responsibility. And the idea is, yes, everybody is  
20 trying to do their job, or trying to do their best  
21 with the resources that they have. And in today's  
22 day and world resources are being cut left, right  
23 and center. So I do understand your problems as  
24 well, but try to understand theirs, those that are  
25 crying out and reaching out and saying we need help.

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1           That's it. Thank you.

2           MR. HILL: Thank you.

3           MR. LECLERC: I'd like to respond to my  
4 discussion on enforcement. I think maybe some of my  
5 comments were misconstrued. And that is I don't  
6 expect the folks that live here to do our jobs but I  
7 think -- we can't be here 24/7. That's something we  
8 can't do.

9           we can certainly look into technology, but  
10 we can't be here 24/7. And if we do come here, we  
11 can provide logs of our inspections of when we were  
12 here and what we did inspect and how we reacted to  
13 that.

14           All we're saying is we have a partnership  
15 here. If folks feel like there's violations  
16 happening, you can share them with us, and we will  
17 follow up. But that's what I was asking for, not to  
18 do our jobs, but to help us do our jobs better.

19           So that's all I'm trying to do is reach out  
20 to the community and say in partnership maybe we  
21 can -- if we believe that the Navy is holding up

22 their end and their contractors aren't, that we can  
23 do this together. And you guys are here, you're all  
24 over the island, we're not. And if you guys see  
25 things that we're not seeing, please bring it to our

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1 attention. But we will continue to come out here  
2 and inspect, and we will look for these things.

3 MS. HUNTER: Okay. Our next three speakers  
4 are Frank Romero, Saul Bloom, and Nancy M.K.

5 FRANK ROMERO: Good evening. My name is  
6 Frank Romero. I've been on the island from about  
7 2005.

8 And I was stationed in Iraq. I found out  
9 this last Friday that I have cancer in my chest. I  
10 never did have it before I got here. I lived in  
11 San Francisco. I went to Iraq. I never had it in  
12 Iraq. When I came here and lived here, the time I  
13 was here, I found out Friday that I have cancer in  
14 my lungs. So I don't know where that came from, you  
15 know. So, hey, something's happening here, you  
16 know. So, I'm sorry, but the stuff that people have  
17 been saying, I'm the one. I'm sick. I'm going to  
18 have another x-ray in three more months and see if  
19 they're going to take it out or not. So I'm scared.  
20 So I don't know.

21 MR. HILL: Thank you.

22 NANCY MCCORMICK-KOVACICH: Good evening.  
23 My name is Nancy. I've lived here since 2000. I've  
24 -- we've been concerned about some of the comments  
25 about having to check the background radiation

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1 because by the time the soil was put to build the  
2 island it was built in the Bay and had over 100  
3 years of mining stuff coming down from the hills,  
4 when they had mining, and that soil had mercury, and  
5 who knows what other types of radiation might have  
6 come out with the gold, the mercury that came out  
7 from the hills, from the water canons take were  
8 shooting. There might even be uranium and all that  
9 in there. So, you know, maybe if you have soil like  
10 from someplace that was in Amish country or  
11 something.

12 And also, it wasn't until 2003 that we  
13 found out about the contaminated soil, and then  
14 everything kept coming up, and it made me wonder  
15 about the apartment that I live in and what's  
16 underneath me. I guess when I can finally grow  
17 something in the ground and be able to sell it at an  
18 organic farmer's market, I'll know that everything's  
19 okay. So let me know when I can do that. I would  
20 love to plant some trees. Thank you.

21 MR. HILL: Thank you for the comment.

22 SAUL BLOOM: Hello. My name is Saul Bloom.  
23 I'm not a resident. I'm the secretary of Arc  
24 Ecology, but I've had a long-term association with  
25 the island. I was a member of the Treasure Island

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1 Use Advisory Committee prior to the creation of  
2 TIDA, had some involvement with the legislation that  
3 created TIDA, and was originally RAB -- member of  
4 the Restoration Advisory Board, and we see still  
5 have somebody from Arc Ecology sitting on the  
6 Restoration Advisory Board.

7 I've known Jim for many, many years, helped  
8 create his position. So we've been around for  
9 awhile.

10 I don't know the answer to any questions  
11 with regard to whether or not this island poses a  
12 health risk to residents, and I think that most  
13 people are trying to delve into that question right  
14 now.

15 We're about to contract out a review of the  
16 HRA to a couple of radiological specialists we work  
17 with on a regular basis. We just completed one for  
18 the Hunters Point Shipyard.

19 But there is one point that I wanted to  
20 raise with regard to site control, which is an  
21 important issue and something that Amy and I worked  
22 on together at Hunters Point Shipyard to provide  
23 dust control and tarping and that sort of thing.

24 The thing about a site like this is you do  
25 have site control. And it's easier on a site like

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1 this to make sure that trucks leave in a proper  
2 condition than it is in virtually any other kind of  
3 environment. There are ways.

4 And I was disappointed not to hear more of  
5 this discussion. And I haven't seen it in all of my  
6 sort of driving around the island to create a  
7 central location for wash-down racks, for places for  
8 trucks to get their tires done, to recycle the water  
9 from that wash-down.

10 And there is a nice gentleman at the kiosk  
11 over there that I drive by all the time who waves to

12 me when I come on the island and waves at me when I  
13 leave the island. Maybe he can get out of the kiosk  
14 and take a look at the trucks when they leave to  
15 make sure that they're properly tarped, that they're  
16 not trailing dirt, and that we're doing the same  
17 sort of thing that is pretty much standard practice  
18 at sites like this. And we've, in fact, implemented  
19 it at Hunters Point Shipyard.

20 Is it perfect at the shipyard? No. But  
21 it's much better than it has been in ages. And the  
22 community complained just the same way this  
23 community complained about the situation. It's a  
24 very, very simple process. And that individual then  
25 can take the number and the license and -- of the

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1 individual who's driving the truck that's not  
2 properly tarped.

3 I would bet you dollars to donuts, as we  
4 used to say, that the process for tarping trucks and  
5 washing will be a lot improved on this island in a  
6 very short while.

7 So thank you very much.

8 MR. HILL: Thank you.

9 MS. HUNTER: Our next speaker is James  
10 Eroh.

11 JAMES EROH: I work on the island. I am a  
12 stationary engineer at the sewage plant for the  
13 City.

14 One of my current duties is I check the  
15 pump stations. And I have a question that every  
16 once in awhile I see the Highway Patrol out here.  
17 And both the motorcycle and the truck units, they

18 have cited trucks for not being covered. But could  
19 they maybe notify your agency about that for the  
20 people so that they -- you know, you have a chance  
21 to really see something happen? Because, I mean,  
22 it's been -- when they cite them for the things they  
23 spend quite a bit of time, you know, checking for  
24 their other paperwork and any other violations with  
25 brakes or whatever.

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1 But, I mean, is there communication between  
2 the CHP and the State about that?

3 MR. LECLERC: Usually if there is a  
4 hazardous waste violation, like placards or not  
5 tarping of hazardous wastes, we would most certainly  
6 be notified. Some of the material leaving the  
7 island, some of these excavations might not be  
8 classified as hazardous waste. So if they have  
9 violations, for your example, non-approved braking  
10 or things, we won't be notified of that, but  
11 certainly hazardous waste violations, we're notified  
12 of that by the CHP.

13 JAMES EROH: Yeah, I see the Highway  
14 Patrol, and they are stopping trucks. And, I mean,  
15 if there is a problem, they should be notifying you.  
16 I mean, people have legitimate concerns about that.  
17 And, I mean, there are other public employees that  
18 are checking that.

19 MR. LECLERC: I'll follow up on that, find  
20 out, you know, find out exactly what our  
21 communication was with the CHP. You're asking some  
22 very specific questions about it.

23 JAMES EROH: Well, I mean, people have  
24 concerns. I've seen the Highway Patrol pulling over  
25 trucks that aren't covered. And, you know, they

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1 may -- they do keep track of what they do, so you  
2 could check their records.

3 MR. LECLERC: Sure. But not all trucks  
4 carrying material are from hazardous waste  
5 excavations, so that would be outside our  
6 jurisdiction. But certainly we can check into that.

7 MR. HILL: Okay. That looked like our last  
8 speaker. I just want to --

9 JEFF KLINE: Can I ask one more question?

10 MR. HILL: Okay. One more question.

11 Okay. One more.

12 MS. HUNTER: Jeff Kline.

13 MR. HILL: Okay. This will be our last  
14 question.

15 JEFF KLINE: So the Tech Memo identified  
16 commodities. Commodities -- and you've mentioned --  
17 this is from the CSM, Conceptual Site Model, of the  
18 Tech Memo for the CSM for solid waste disposal  
19 operations. It identified radioactive commodities  
20 that were found in adjacent -- areas adjacent to the  
21 solid waste Disposal Areas. Based on the research  
22 conducted to date, the source of the radioactive  
23 foils and buttons is unclear. There is a Shaw  
24 Environmental document on the commodities, pretty  
25 recent, maybe 2012 or '11.

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1 I'm trying to get a hold of that document.

2 You've reported 800 commodities. There is a master  
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3 inventory list. Will the Navy make that commodity  
4 list available so that the residents can see what  
5 these things look like, so they can know to tell  
6 their kids to don't touch it, report it to the DTSC?

7 MR. HILL: Yes. I believe you sent Jim an  
8 extensive email last night requesting -- I think  
9 this is one of the things you requested. So there  
10 is a lot. There is a response that's going to come  
11 to you on all of the subject matter there and  
12 whatever is publicly -- whatever is available will  
13 be made publicly available.

14 JEFF KLINE: Can I just ask a follow-up on  
15 the Tech Memo?

16 It was pointed out in Mr. Sullivan's  
17 presentation about -- and I think it was RASO, I  
18 forget your name, about guidelines, about MARSSIM  
19 guidelines.

20 Can anyone explain how the Navy forgot what  
21 they did here during world war II? They publish a  
22 book on Treasure Island, in Building 1, called The  
23 Naval History of Treasure Island, published in 1946,  
24 right. That's what the HRA missed.

25 How did that happen? And how do we know

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1 that the Supplemental Tech Memo isn't also missing  
2 something as obvious and as critical as the Naval  
3 history of the Frontier Base on Treasure Island in  
4 world war II?

5 Thank you.

6 MR. HILL: Thank you.

7 MS. LOWMAN: Do I need to answer that?

8 DR. ARAGON: Dr. Aragon, I'm with the  
9 Public Health office for San Francisco.

10 I want to thank everybody for all the  
11 comments that you've made. I understand there are  
12 different health concerns regardless of how -- what  
13 these health concerns are coming from, so we want --  
14 what we'll do here, what we'll do at the Health  
15 Department, we'll put a team together to come and  
16 engage with the residents here. I understand --

17 I just learned about the Treasure Island  
18 Health Network. So there is a health network out  
19 here, so we can work with them as well as the  
20 residents so that we can address some of your health  
21 concerns.

22 We want you to know that if you do need to  
23 see a provider, please, you can come to the Health  
24 Department. You know that we have clinics and  
25 have Healthy San Francisco. If you don't have

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1 access to good medical care, we can assure good  
2 medical care for you. So please let us know if  
3 that's an issue.

4 Amy Brownell is going to make sure that  
5 everybody has our contact information. And so we'll  
6 be coming out here again so we can engage.

7 Several months ago there was -- we had  
8 somebody who had meningitis from here, so we had the  
9 opportunity to communicate with some of you around  
10 there. So there is a good communication network.  
11 So we'll take advantage of that. And feel free to  
12 contact us.

13 MS. BROWNELL: The way you contact us is my  
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14 first name and last name with a dot in the middle  
15 and then the initials for the San Francisco  
16 Department of Public Health, so SFPDH.org. And I  
17 will make sure that that gets sent out also so you  
18 have that information.

19 MR. HILL: We'll let Supervisor Kim make  
20 some closing remarks, but I just want to thank you  
21 on behalf of the Navy and the rest of the panel  
22 members for your spending your valuable time this  
23 evening providing this valuable input. We will take  
24 it all into consideration to re-evaluate our steps  
25 that we have planned going forward. So thank you

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1 very much.

2 MS. KIM: Thank you, John.

3 And I just wanted to say a couple of things  
4 because I just wanted to let them know that the  
5 Board of Supervisors has also called a hearing so  
6 that we can get more information so we can feel more  
7 confident with what we've been hearing from the Navy  
8 and our State agencies that are providing this  
9 oversight.

10 But I just want to say that I generally  
11 heard three areas. One is the question, Are we safe  
12 today? And I'm really hoping that somebody can  
13 really kind of hone in on that question because I  
14 heard again, well, if we're safe today, why are we  
15 still doing all of these other assessments and  
16 surveys.

17 And, Ray, if you can address that.

18 The second area I heard is, if we see

19 violations of the safety precautions, who do we  
20 call, and can there be one hotline. Can we have one  
21 resource so it's easy for us. I think for now I'm  
22 just going to say you should call the DTSC.

23 And, Ray, I'm hoping you can address this  
24 too. So what then happens next. So I make a phone  
25 call, what can I expect to be the next step? Within

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1 24 hours you're going to come out here? What  
2 information do you specifically need?

3 And that's what I was trying to hone in  
4 earlier. Do you need the company name? Do you need  
5 the intersection? Do you need photos? Like  
6 specifically what it is that would be helpful to you  
7 so you can follow up.

8 And then the last area is, of course, the  
9 SFDPH, your current health. So if you do have  
10 current health needs, who can you go to and what can  
11 we do to collect better data and what's going on on  
12 this island. So I think that's the third area. And  
13 our office will work with SFDPH.

14 Tomas and Amy, I appreciate you being here.  
15 I hope that we can have some follow-up meetings on  
16 just that issue in and of itself. But the first --

17 Ray, I was just hoping you could quickly  
18 kind of address that. I just need to hear a solid  
19 kind of answer to those two questions.

20 MR. LECLERC: I mean, I guess based on  
21 everything we have we feel that the folks that live  
22 here are safe here today doing the things they're  
23 doing, working and raising their families. There  
24 are certainly areas of this island where we are

25 concerned about for the future, and those are areas

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1 that are fenced off and we have them taken care of.  
2 So we believe that the folks here should feel safe  
3 from environmental harm at this island currently  
4 with what we're doing.

5 We're focusing on our future use, future  
6 use on the areas of the island that aren't clear,  
7 that we aren't 100 percent sure are cleaned up.

8 MS. KIM: Can you be specific, in layman's  
9 terms what does future use mean?

10 MR. LECLERC: Future use means areas that  
11 are going to be developed. There are parts of this  
12 island that are not developed. There's big plans to  
13 develop the island. And so digging the foundations,  
14 all of that stuff, the property needs to be  
15 investigated much more before any of that happens.

16 MS. BRESTON: If there isn't danger, why  
17 are you doing all this?

18 MR. LECLERC: So really that's -- most of  
19 our work is for future development and future use of  
20 this island. The areas where people are living now  
21 are safe. We believe that. So -- and so all our  
22 work is to clear the island a hundred percent so  
23 that whatever the City of San Francisco wants to  
24 develop here can be built without any worries. They  
25 can dig as deep as they want. They can have

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1 whatever use they want.

2 So it's going to take a lot work to build  
3 it clear, many of these areas, to the point where

4 people can grow gardens and everything else.

5           So we're continuing on that work now, and  
6 that's what we're going back and forth with the  
7 Navy. And if someone said, Is there controversy?  
8 Is there tension? You bet. But that's part of the  
9 process. We have to follow through on complaints.

10           Someone said there's 45 drums buried on  
11 this section of the island. We get complaints like  
12 that all the time. They're anonymous. We go to the  
13 Navy and say, Hey, we heard a complaint there's 45  
14 drums here, and they're like, what? Complaint from  
15 who? So we go back and forth and say, Okay. What's  
16 the historical use? And it's a very complicated  
17 process to investigate an island like this and clear  
18 it so that both our agencies say this is cleared.  
19 You guys can do what you need to do out here.

20           And so there is a lot of back and forth.  
21 But we're not having that back and forth for folks  
22 that are living on the island. We feel a high level  
23 of confidence there, and we're developing even more  
24 confidence.

25           And there is public concern, and we react

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1 to that. So we do more surveys. It's not because  
2 we have super knowledge that there's stuff buried  
3 out there; it's because people like you come forward  
4 and say, wait a minute. Really, are you a hundred  
5 percent sure? We keep going out again and again  
6 because folks like you have concerns, and we want to  
7 address those.

8           MS. KIM: And, Raymond, can you answer what  
9 specifically residents can provide you as

10 information if they see potential violations of  
11 safety precaution?

12 MR. LECLERC: Well, I can give you an  
13 example. We have a site down in Southern California  
14 where there are a lot of folks very concerned about  
15 odors emanating from the active hazardous waste  
16 site. And so they said, we smell ammonia. What do  
17 we do? And so we developed -- we put together a  
18 hotline, which I'm hoping to do here. I can't  
19 commit because I don't know. I would very much like  
20 to set up a hotline for this place where folks can  
21 call a 1-800 number and get some of our staff that  
22 are knowledgeable at Treasure Island and can take  
23 notes.

24 And, frankly, the more specific, the  
25 better. You can say at this place on the island

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1 Friday afternoon I saw them digging, and they went  
2 home and they didn't tarp it, and I saw five trucks  
3 go off that weren't tarped. That would be very  
4 helpful. Now, I cannot write -- well, I could write  
5 a code violation for that, but it wouldn't stand in  
6 court. It has to be written by inspectors.

7 I don't mean to insult anyone. It's not an  
8 insult at all. It's like -- it's like any other  
9 crime, you have to have proof. And so if we are  
10 going to write violations, we need to have a very  
11 strong level of effort. We'll send our inspectors  
12 and our staff out here to follow up on these  
13 complaints. If there's complaints about odors,  
14 we'll come out here with our -- with our detectors

15 to follow-up on that. So we will follow-up on any  
16 complaint we can, that any citizen brings forward,  
17 and we've done this.

18 MS. KIM: And in the future it would be  
19 great to track the number of complaints in all of  
20 the departments and the number of violations cited.  
21 I was really surprised we didn't have an answer to  
22 that.

23 what I'm going to say is it's been a really  
24 long time. I think all of us are going to stay here  
25 to answer individual questions. I want to

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1 appreciate everyone being here. I'm sorry I kind of  
2 took over in the end.

3 I know that people still feel unsettled and  
4 they still feel anxious. We're going to be here to  
5 make sure that we're getting as much of the answers  
6 for you as possible because I want to assure you of  
7 that, but I do want to appreciate everyone for being  
8 here.

9 It's kind of hard to gather all these  
10 different agencies together, but it was really  
11 important to TIDA for this to happen for this  
12 neighborhood and this community.

13 So I don't know if there is closing  
14 remarks, but I would just say we should end the  
15 meeting now and folks kind of interface one on one  
16 with the different agencies that are here.

17 (Applause)

18 MS. DUCHNAK: I just want to say the Navy  
19 absolutely appreciates all of the input from all of  
20 you. You've been greatly respectful.

21  
22  
23  
24  
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(Off the record at 10:13 p.m.)

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142

1 CERTIFICATE OF REPORTER

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3 I, JANINE P. GAMBLE, Certified Shorthand  
4 Reporter of the State of California, do hereby  
5 certify that pages 56 through 142 of the foregoing  
6 meeting were reported by me stenographically to the  
7 best of my ability at the time and place  
8 aforementioned.

9 IN WITNESS WHEREOF, I have hereunto set my  
10 hand this 10th day of October, 2012.

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JANINE P. GAMBLE, CSR NO. 10372

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CERTIFICATE OF REPORTER

I, CHRISTINE M. NICCOLI, Certified Shorthand Reporter of the State of California, do hereby certify that pages 1 through 56 of the foregoing meeting were reported by me stenographically and transcribed to the best of my ability at the time and place aforementioned.

IN WITNESS WHEREOF, I have hereunto set my hand this 10th day of October, 2012.

  
CHRISTINE M. NICCOLI, C.S.R. NO. 4569

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CERTIFICATE OF REPORTER

I, JANINE P. GAMBLE, Certified Shorthand Reporter of the State of California, do hereby certify that pages 57 through 137 of the foregoing meeting were reported by me stenographically to the best of my ability at the time and place aforementioned.

IN WITNESS WHEREOF, I have hereunto set my hand this 10th day of October, 2012.

*Janine P. Gamble*  
JANINE P. GAMBLE, CSR NO. 10372