



FINAL
Former Naval Station Treasure Island
Restoration Advisory Board (RAB) Meeting Minutes

Meeting 166

18 June 2013

Community Restoration Advisory Board (RAB) Members in attendance:

Nathan Brennan, John Gee, Alice Pilram (Community RAB Co-Chair), Dale Smith, Martha Walters

Department of the Navy and Regulatory Agency RAB Members in attendance:

Keith Forman, Navy RAB Co-Chair
Remedios (Medi) Sunga, Department of Toxic Substances Control (DTSC)
Myriam Zech, San Francisco Bay Regional Water Quality Control Board
(Water Board)

Other Navy and Regulatory Staff and Consultant Representatives in attendance:

Dave Clark, Navy
Tony Konzen, Navy
Jessica O'Sullivan, Tetra Tech
Nihal Oztek, Tetra Tech
Tommie Jean Valmassy, Tetra Tech

Public Guests in attendance:

Charlie Huang, California Department of Fish and Wildlife (CDFW)
Isaiah King, Treasure Island Health Network (TIHN)
Kathryn Lundgren, Resident, TIHN
Sophie [no last name given], Resident

Welcome Remarks and Introductions

Keith Forman (Base Realignment and Closure [BRAC] Environmental Coordinator [BEC]) opened the June RAB meeting for Former Naval Station Treasure Island (NAVSTA TI) held at the Casa de la Vista (Building 271) on Treasure Island (TI). Mr. Forman reviewed the agenda ([Attachment A](#)) and asked if there were any comments; there were none.

Public Comments and Announcements

Kathryn Lundgren (TIHN) introduced TIHN's new intern, Isaiah King, and said they have a second summer intern who is not present. Ms. Lundgren said TIHN is looking forward to working with the Navy to get information to the TI community.

Site 12 Update, Building Demolition

Mr. Forman introduced Tony Konzen (Navy) to provide an update on the work at Site 12. Mr. Konzen began with current Phase I work being conducted at Site 12 ([Attachment B](#)). Mr. Konzen said this work is called Phase I because it was previously awarded, and the contractor, CB&I (formerly Shaw E&I), recently remobilized to the site. He will discuss additional projects in the area, including Phase II, later in his presentation. The phases are a function of contracting. Mr. Konzen said CB&I is working in the Solid Waste Disposal Area (SWDA) on Westside Drive within the TI housing area (Site 12). Some old gas cylinders were found buried in the area, so a subcontractor will come to the site and properly dispose of them. Then CB&I will characterize and demolish two buildings on Westside Drive: Buildings 1123 and 1321. Mr. Konzen presented the work schedule which includes asbestos and lead-based paint surveys, state verification, and then demolition. Mr. Konzen said there is also excavation and clearing work being performed at the radiologically controlled area (RCA) on Westside Drive.

Dale Smith (RAB member) asked if the buildings that are being demolished will be tented during demolition, as was done during the demolition of Building 233. Nathan Brennan (RAB member) said Building 233 was tented only during asbestos abatement. Mr. Konzen confirmed that Building 233 was under positive pressure during asbestos abatement, but not during demolition, and the same methodology will be used at Buildings 1123 and 1321.

Mr. Konzen provided an update of Phase II of the work ([Attachment C](#)) being conducted by Tetra Tech. Phase II includes (1) excavating two areas where California Department of Public Health (CDPH) scans showed elevated radiological readings, and (2) preparing Buildings 1121 and 1323 for demolition and disposal. A work plan was finalized in April, and the public was notified about field work in May. Mr. Konzen said DTSC and CDPH will review the data collected during the additional scans, and will have the opportunity to conduct their own confirmatory scans prior to building demolition. For Building 1121, demolition and disposal are scheduled for mid to late July. For Building 1323, demolition and disposal are scheduled for late July to early August.

Martha Walters (RAB member) asked if any other buildings within Site 12 will be demolished within the next couple of years. Mr. Forman said the Navy anticipates demolishing about 11 more buildings within Site 12 sometime in the future, but plans have not been made yet. Ms. Smith asked where the buildings are located. Dave Clark (Navy) said two of the buildings are on Bigelow Court, and the others are in the SWDAs; he added that work will be part of Phase III of the non-time critical removal action at Site 12. Sophie (resident) asked if the buildings will be covered with plastic when they are demolished. Mr. Konzen

said during the preparatory phase, such as during asbestos abatement, the buildings may be covered, but they will not be covered during demolition. He added that dust abatement measures will be used, and dust levels will be monitored during the work. Sophie asked what the Navy is doing to make residents feel more comfortable about living on TI while environmental cleanup is ongoing. Mr. Forman said the Navy holds these regular RAB meetings, and sends work notices prior to any work, such as the work Mr. Konzen just described. In addition, Mr. Forman said the Navy is currently updating their Community Involvement Plan, and seeking input from community members on how to better communicate with them. He is hoping some new ideas for effective communication will come out of the interview process.

Ms. Lundgren asked, because the Navy will remove asbestos from the buildings they will demolish, if they had removed asbestos from the current residential units. She added that there have been several recent fires in the residential units, and she is concerned about those fires dispersing asbestos. Mr. Clark said any building built prior to sometime around 1970 may have asbestos in the floor tile, piping insulation, and other building materials as fire retardants. Prior to leasing to the Treasure Island Development Authority (TIDA), the Navy inspected the residential buildings to make sure asbestos was intact, and encapsulated areas as required. If it is not disturbed, the asbestos does not pose a hazard. Ms. Lundgren said that in addition to fires, there are vermin who may also disturb encapsulation, and she asked if anyone is inspecting it. Mr. Forman said that TIDA or the property managers are responsible for the maintenance of the buildings that they lease. The Navy provided a baseline inspection and encapsulation. Mr. Forman apologized for being unable to directly address this important issue, and provided the name of the interim TIDA director for residents to contact with concerns. Mr. Forman said he will discuss the issue with the new TIDA director when Michael Tymoff's replacement is appointed.

Building 233 Update

Mr. Konzen presented the Building 233 update ([Attachment D](#)). He noted this is former Building 233, as the building has been demolished. The piping and infrastructure associated with Building 233 has been successfully removed. The contractor is conducting confirmation surveys to verify complete removal. Mr. Konzen showed a photograph of the soil being spread on plastic for final sampling. If the soil is acceptable for reuse, it will be reused, otherwise it will be disposed of off-site. Mr. Konzen said all of the red bins, currently being used to store soil, will be removed from TI by the end of July.

Mr. Konzen said that in August the contractor will submit a Final Status Survey (FSS) work plan. The FSS work plan will be reviewed by the regulatory agencies, and will include the data from the radiological scans as well as detail the planned

locations for any final samples. These final samples will be collected in September and October, and then a draft FSS report will be submitted in January 2014. Ms. Smith asked if the sampling will extend in all directions from the former building. Mr. Forman said the scope of this project is to close the former Building 233 site. If work needs to be done outside that footprint, because the various pipelines went in different directions, it will be addressed under a separate project.

Basewide Update

Mr. Forman provided an update on other active environmental sites at NAVSTA TI ([Attachment E](#)). He said the draft groundwater report for Sites 6 and 12 was issued, and thanked Ms. Smith for her comments on the document. Mr. Forman asked if she would like the responses to comments (RTC) sent to her prior to the final report being issued. Ms. Smith said she does not need that, and will review the RTCs in the final when it is issued. Mr. Forman said that at the last RAB meeting, in April, a RAB member had asked him about dioxins and furans in groundwater. Mr. Forman talked to the contractor about that. The data show a few areas where dioxins or furans have been detected, but there are not many elevated detections. None of the levels are near a threshold requiring groundwater testing because dioxins and furans have a low affinity for groundwater and a low solubility rate. Ms. Walters asked if the source for the dioxins and furans is the old incinerator. Mr. Forman confirmed that is a source according to the conceptual site model for Site 12, and for Site 6 the source would be the historic fire fighter training activities. Ms. Smith said dioxins and furans are typically not discussed when it comes to soil investigations at NAVSTA TI. Mr. Forman said the Site 12 Feasibility Study (FS) lists dioxins as one of the analytes. He added that the FS will focus on Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) contaminants only; a separate document will be issued related to radiological contaminants. Mr. Forman said the next sampling event will begin on June 24. As part of that sampling event, two new monitoring wells will be sampled. These were installed to replace the well that was removed at Site 6.

Mr. Forman gave a brief update about the Site 24 Phase III Treatability Study ([Attachment E](#)). The most recent results show the study achieved the remediation goals at most parts of the site. However, some areas have persistent concentrations of chlorinated solvents. Now that the Treatability Study is complete, the Navy is planning to prepare an FS Addendum that will include other areas of Site 24 as well as the chlorinated solvents plume. Once the FS Addendum is done, the Navy will prepare a Proposed Plan for Site 24. Ms. Smith noted the cleanup at Site 24 has been going on since 2004, and asked if the Navy will use a more aggressive treatment. Mr. Konzen said the chlorinated solvents are recalcitrant and tend to diffuse in different layers of material. He

added that the most recent data is promising. Mr. Forman said many of the Bay Area bases tend to have large plumes with diffuse and low concentrations – but not so low that they do not require action. So the treatability study was useful and the results are encouraging but now the Navy is considering different options. Those will be explored in the FS Addendum. Ms. Smith recommended that the Navy not consider nano zero-valent iron as an option. Mr. Forman said nano zero-valent iron would not be considered because it is particularly expensive. Sophie asked if the remediation at NAVSTA TI would be moving more quickly if there were not residents on the island. Mr. Forman said no, the cleanup would not be progressing at a faster rate if there were no residents.

Mr. Forman provided a brief update of Site 27 ([Attachment E](#)). He said the Navy and its contractors will be out in the field soon, implementing a remedy. The final work plan will be issued around July 12, and a fact sheet will be distributed to affected tenants. Mr. Forman said if the project's turbidity curtain is still in place at the time of the August RAB meeting, the RAB members may get to see it during the pre-meeting tour. Mr. Forman showed the field schedule for Alameda, where the dredged soil will be transported, de-watered, sampled, and reused. Ms. Smith said she still has concerns about the way the work plan describes the landfill at Alameda where the soil will be reused because the description is not accurate and the landfill will not have a cap. Mr. Forman said the Navy is working with the regulators at Alameda Point who are aware of the Navy's plans for disposing of the soil at the landfill. He said, however his focus, and the focus of this presentation, is NAVSTA TI.

Mr. Forman provided an update on Sites 31 and 33 ([Attachment E](#)). He explained the Navy is still in the process of awarding a contract to finish the work at these sites, and expects to have it awarded soon. In the interim, Tetra Tech is maintaining the work sites and appropriate controls at these sites. Mr. Forman said one of the remaining tasks is to remove the tarps and put on a copolymer soil stabilizer. Mr. Forman explained that commercially the stabilizer is known as "rhino snot", and it is green. He added that it can be a challenge to explain to the community that the green soil is stabilized to prevent erosion, and the green color is not evidence of contamination. Mr. Forman added that rhino snot has been used effectively to prevent soil from blowing, even in very windy locations. Mr. Forman said Site 33 is no longer an RCA and the only remaining work is removal of stockpiled soil and site restoration. Site 31 is still an RCA, and remaining work includes preparation of a work plan and an FSS, then treatment and disposal of stockpiled soil. Mr. Forman said by the end of 2013 the Navy expects to close out the environmental cleanup programs at Sites 31 and 33.

Mr. Forman asked if there were any questions related to his Basewide update. Charlie Huang (CDFW) asked where the Site 27 soil would be placed at Alameda. Mr. Forman said it will be initially transported to an area near Site 17,

near Seaplane Lagoon. He added that this information is in the work plan document that was issued to the regulators, including to CDFW, and someone there has reviewed it.

Sophie asked when the Navy plans to schedule a tour of NAVSTA TI for residents. Mr. Forman said the Navy is planning a brief tour in August just for RAB members using a Navy van. He asked if residents would be interested in a separate tour. Sophie said she and many other TI residents would like a walking tour. Mr. Forman clarified that NAVSTA TI is large and it would be difficult to do a walking tour. Sophie said a tour in a van or bus would be fine, as long as participants are allowed to get out and look around at the various stops. Mr. Forman said a community tour is something the Navy will consider in the Community Involvement Plan update as part of its outreach going forward.

Sophie asked who residents may call regarding the sink holes near their buildings. Mr. Forman said the first point of contact is the property management company, John Stewart Company. Sophie said she has raised the issue with them and has received no response. Mr. Forman said he has talked about this with Ms. Lundgren as well and given her contacts. He said the new TIDA representative, taking over for Michael Tymoff, would also be an appropriate contact if John Stewart Company is not responding. Mr. Forman said he understands that in addition to a large sinkhole in the street, there are several on the perimeter path. He said though it is outside the Navy's purview, he will have someone at the Navy's Caretaker Site Office on TI meet up with Ms. Lundgren so she can show them the areas, and take some photographs. A professional geologist or engineer in the Navy's San Diego office can look at these photographs. He added the Navy will not be able to fix the problem, and residents need to continue to pursue the property management company (John Stewart Company) or TIDA directly for these issues.

Upcoming Documents and Field Schedule

Mr. Forman introduced Jessica O'Sullivan (Tetra Tech) to present the Document Tracking Sheet (DTS) ([Attachment F](#)) and the Field Schedule ([Attachment G](#)). Ms. O'Sullivan reviewed all of the documents that will be issued as draft or final within the next 60 days, and all of the ongoing fieldwork. It was noted that item number 4 on the DTS, the SWDA A&B Post Construction Summary Report Phase I will be issued in July 2014, not July 2013, and should not have been highlighted as going final soon.

Sophie asked if the Water Board or U.S. Environmental Protection Agency (EPA) will comment on the Sites 6 and 12 Groundwater Report. Mr. Forman said the agencies will provide comments, but have not yet submitted those to the Navy.

Co-Chair Announcements

Alice Pilram (Community RAB Co-Chair) confirmed that the RAB would like to have a tour for RAB members prior to the August meeting. She said it will be a brief tour, starting at 6:00 p.m., with the RAB meeting beginning at 7:00 p.m. Myriam Zech (Water Board) asked if community members may attend this tour. Ms. Pilram said no, there is limited space and time. To provide a larger community tour the Navy would have to provide a bigger van or bus. Mr. Forman said the Navy will look into providing a separate, longer tour with more passenger space so the community members can attend and ask questions. He added that the regulators are invited to attend the RAB tour if there is space. Ms. Smith added that she would like to be able to get on and off the van during the RAB tour.

RAB Meeting Minutes

Mr. Forman asked for comments on the draft April 2013 RAB meeting minutes. Ms. Smith provided edits. The group voted to accept the minutes as final, pending incorporation of Ms. Smith's edits.

BRAC Cleanup Team (BCT) Update

Mr. Forman said the next BCT meeting is scheduled for tomorrow, June 19, 2013. He said the Navy met with the BCT today to storyboard the Site 12 FS. It was helpful to receive feedback prior to writing the FS document, and that feedback can now be used in preparation of the draft FS. He said the BCT meeting will cover most of the items on this RAB agenda. Ms. Zech and Medi Sunga (DTSC) mentioned several of the documents on the DTS that the Water Board and DTSC have been reviewing. Ms. Zech noted that while both agencies look at the documents, the Water Board is focused on groundwater impacts, and DTSC is focused on soil impacts. Ms. Sunga said DTSC has contracts in place with other agencies, such as CDFW, to review all of the sediment work that is being done. They also contract with CDPH to review documents regarding radiological issues.

Future Meeting Agenda Items

There were no specific requests for future meeting agenda items. Mr. Forman said the Navy and RAB can discuss topics during the planning call, scheduled for the last Tuesday in July. Ms. Pilram asked for an update on the ongoing remedy at Clipper Cove.

The next RAB meeting is scheduled for Tuesday, 20 August 2013. The meeting was adjourned at 8:48 p.m.

18 June 2013 RAB Meeting Handouts

- [Attachment A: NAVSTA TI RAB Meeting No. 166 Agenda](#)
- [Attachment B: Site 12 Phase I Update](#)
- [Attachment C: Site 12 Phase II Update](#)
- [Attachment D: Building 233 Update](#)
- [Attachment E: General Update on Sites of Interest](#)
- [Attachment F: Document Tracking Sheet](#)
- [Attachment G: Field Schedule](#)

NAVAL STATION TREASURE ISLAND
ENVIRONMENTAL RESTORATION ADVISORY BOARD MEETING
Tuesday, 18 June 2013
7:00 PM.
Casa de la Vista Building 271
Treasure Island
MEETING NO. 166

- 7:00 – 7:05 **Welcome Remarks and Introductions**
Lead: Keith Forman, Navy Co-Chair
- 7:05 – 7:15 **Public Comment and Announcements**
Lead: Keith Forman, Navy Co-Chair
- 7:15 – 7:40 **Site 12 Update, Building Demolition**
Lead: Tony Konzen, Navy Project Manager
- 7:40 – 8:05 **Building 233 Update**
Lead: Keith Forman, Navy Co-Chair
- 8:05 – 8:20 **Basewide Update, Document Tracking Sheet and Field Schedule**
Lead: Keith Forman, Navy Co-Chair and
Jessica O’Sullivan, Tetra Tech
- 8:20 – 8:30 **Co-Chair Announcements**
Lead: Alice Pilram, Community Co-Chair
- 8:30 – 8:40 **RAB Meeting Minutes**
Lead: Keith Forman, Navy Co-Chair
- 8:40 – 8:50 **BRAC Cleanup Team Update**
Lead: Navy, DTSC and Water Board
- 8:50 – 9:00 **Future Meeting Agenda Items/ Closing Remarks**
Lead: Navy and Community Co-Chairs

Next Regular Meeting: No July 2013 Meeting

7:00 pm Tuesday, 20 August 2013
Casa de la Vista, Treasure Island

Next Treasure Island Citizen's Advisory Board (CAB) Meeting: See the web site for latest dates and times for future meetings: <http://www.sfgov.org/treasureisland>

Next Interim RAB Community Member Conference Call:

7:00 pm. Tuesday, 30 July 2013

Call-In Number: 1- 866-822-0121

Participant Code: 1122026

Navy BRAC Web Site: <http://www.bracpmo.navy.mil> (click on map for Treasure Island)

Navy San Diego Office Address:

BASE REALIGNMENT AND CLOSURE
PROGRAM MANAGEMENT OFFICE WEST
NAVAL FACILITIES ENGINEERING COMMAND
1455 FRAZEE ROAD, SUITE 900
SAN DIEGO, CA 92108-4310



Naval Station Treasure Island



Site 12 – Phase I

Tony Konzen

Project Manager

Contracted Support to NAVFAC BRAC PMO
BRAC Program Management Office West

**Naval Station Treasure Island
RAB Meeting, June 18, 2013**



Preliminary Phase I Completion Schedule



- May 20: CBI (Shaw) mobilized
- June 10 – 28: Coordinate safety documents and dispose of gas cylinders
- May 20 – Aug 29: Mobilize, complete asbestos and lead based paint surveys, demolish Building 1321.
- June 18 – July 15: CDPH verification survey for Building 1321.
- July 1 – Oct 3: Scan and demolish Building 1123.
- Aug 5 – 30: CDPH verification survey for Building 1123.
- Aug 15 – Jan 13: Foundation removal/excavate beneath buildings
- Sept 1 – June 2014: Excavate radiologically elevated areas around Buildings 1321, 1119, and 1121
- July 2014: Demobilize from site



SWDA A&B



Work Performed in June 2011 to Remove Hot Spot Near Building 1321



SWDA A&B



Map of SWDA A&B Westside Drive



Site 12 Documents



- Bayside (SWDA 1207/1209) and North Point (SWDA 1231/1233) Removal Action Post-Construction Summary Report
 - The Final PCSR will be issued by end of June
- SWDA A&B Draft Post-Construction Summary Report
 - The document will be re-issued as a Draft in May 2014



Naval Station Treasure Island



Site 12 – Phase II Hot Spot NTCRA/Building Demolition Update

Tony Konzen

Project Manager

Contracted Support to NAVFAC BRAC PMO
BRAC Program Management Office West

**Naval Station Treasure Island
RAB Meeting, June 18, 2013**



NTCRA Work Areas





Schedule



- April 3: NTCRA Work Plan published as a Final document.
- May 17: Public notification for field work was circulated to nearby residents

Building 1121

- May 20 – June 28: Building preparation, radiologically scan the building, asbestos abatement
- Jun28 – July 12: Navy and DTSC/CDPH review of radiological survey data/CDPH performs confirmatory scans
- July 12 – July 19: Building demolition and debris disposal

3



Schedule (Cont'd)



Building 1323

- May 20 – July 12: Building preparation, radiologically scan the building, asbestos abatement
- July 12 – July 26: Navy and DTSC/CDPH review of radiological survey data/CDPH performs confirmatory scans
- July 26 – Aug 9: Building demolition and debris disposal

4



Schedule (Cont'd)



Removal Action for Radiologically Elevated Areas

- May 28 – June 10: Remove commodities, characterize areas, collect biased and confirmation samples
- June 7 – June 11: Backfill excavations and restoration
- May 31 – July 3: Waste characterization and disposal
- July 30: Demobilization from Site 12

Reporting

- October 2013: Draft Removal Action Completion Report (RACR) and FSS report to BCT

5



Field Activities/Findings to Date



Removal Action for Radiologically Elevated Areas

- Southern Hot Spot: Dose readings at the surface ranged from 15 to 200 $\mu\text{R/hr}$. Removed seven (7) metal fragments/commodities within the top 0.5-foot with on-contact dose readings ranging from 30 to 200 $\mu\text{R/hr}$. Confirmation soil samples collected from the excavation floors had Ra-226 concentrations ranging from 0.42 to 0.86 pCi/g.
- Northern Hot Spot: The dose reading at the surface was 700 $\mu\text{R/hr}$. Removed one (1) metal fragment/commodity within the top 0.5-foot with on-contact dose reading of 4,000 $\mu\text{R/hr}$. Confirmation soil samples collected from the excavation floors had Ra-226 concentrations ranging from 0.31 to 0.87 pCi/g.

6



Field Activities/Findings to Date (Cont'd)



Building 1121

- Building interior cleaned, asbestos and lead based paint surveys completed, Radiological surveys beginning.

Building 1323

- Building interior cleaned, asbestos and lead based paint surveys ongoing.

7



Photos – Hot Spot Removal



8



Photos – Hot Spot Removal



9



QUESTIONS?

10



Naval Station Treasure Island



Building 233 Update

Tony Konzen

Project Manager

Contracted Support to NAVFAC BRAC PMO
BRAC Program Management Office West

RAB Meeting, June 18, 2013



Building 233 Site



- All remaining asbestos pipe at Building 233 site has been removed
- Completed remaining characterization survey
- Preparing a Characterization Survey Report and FSS Plan (draft for review in August)



Crew preparing asbestos-coated drain line for disposal as LLRW (above)



View of area after East-West line removal (left)



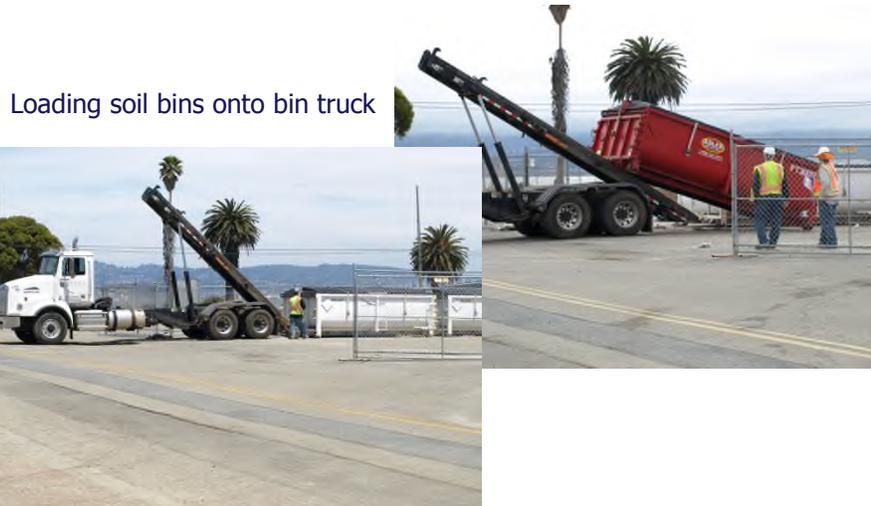
Building 233 Site



Building 233 site showing former building footprint and bin staging to the east



Building 233 Soil Bins





B233 Processing Bins and Soil



Dumping soil on 20-mil plastic



5



B233 Processing Bins and Soil



- Soil has been spread on plastic for final soil sampling. The intent is to clear the materials for reuse on site upon confirmation that it only contains levels of Ra-226
- All soil bins have been emptied and sampled
- Bins will be removed from TI in groups starting this week



Soil spread with an excavator bucket or bob cat in 6" lifts (maximum 200 cy at a time) for radiological sampling

6



Building 233 Schedule



- June 17 – July 30: Complete red bin soil characterization and transport the bins off site
- June 10 – July 17: Analyze soil samples from line removal
- July 17 – 31: Remediate any remaining areas around piping or drain basins based on sample results
- August 29: Draft Characterization and FSS Work Plan
- Sept 26 – Oct 11: FSS Field Work
- Jan 9, 2014: Draft FSS Report to BCT

7



Building 233

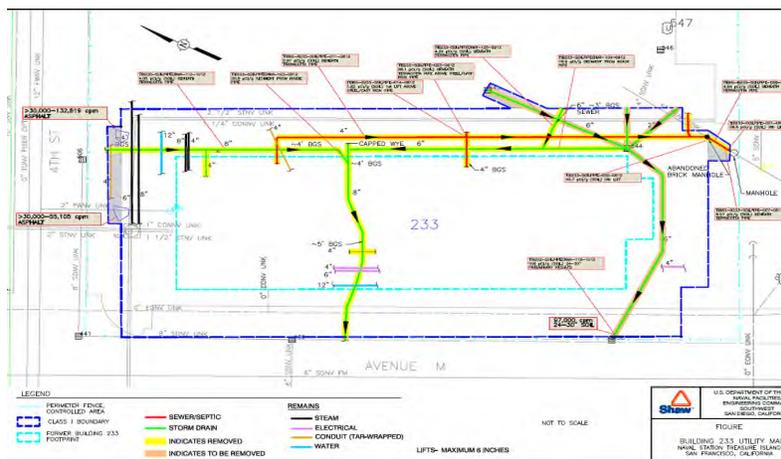


Figure Showing Drain Lines Removed and Class I Survey Unit – Note that all drain lines have been removed

8



General Update on Sites of Interest

Treasure Island RAB Meeting
June 18, 2013
Presented by Keith Forman, Navy BEC

1



Sites 6 and 12 Groundwater

Site 6

- Three samples were collected from the well at Site 6
- Only three of the four planned sampling events were conducted because the well was removed during the removal action

Site 12

- 19 samples were collected last year at Site 12
- Sixteen well heads in Site 12 were repaired in February 2012

Next Steps

- The next round of sampling will take place the week of June 24
- Two new wells will be installed to replace the removed well at Site 6
- Draft *Basewide* Groundwater Monitoring Sampling and Analysis Plan will be submitted in July 2013

2



Site 24 Phase III Treatability Study



Recent Work

- Most recent results show the treatability study successfully achieved the established remediation goals of the project at most parts of the site
- Parts of the site have some persistent concentrations of chlorinated solvents that may be treated better using other technologies
- May 2013: Draft Site 24 Treatability Study Report submitted to agencies

Next Steps

- July 2013: Final Site 24 Treatability Study Report to be submitted to agencies
- Next Step: Feasibility Study Addendum to look at other technologies that can be used at the site

3



Site 27 Remedial Action



Document Schedule

- Final Remedial Action Work Plan will be issued on July 12, 2013
- A Fact Sheet will be distributed on July 12, 2013

Field Work Schedule, TI

- Mobilization (~4 days): July 9-12
- Core Sampling and Analysis (~23 days): July 9
- Turbidity Curtain Installation (~8 days): July 30
- Focused Dredge (~19 days): August 8
- Transport to Alameda (~20 days): August 13
- Post Dredge Bathymetry (2 days): September 11

Field Work Schedule, Alameda

- Sediment Dewatering (~30 days): September 11
- Backfill (~24 days): September 12
- Transfer of Sediment (~18 days): October 25
- Demobilization (~10 days): November 19

Alameda Considerations:

- **Fish Window (July-October)**
- **Least Tern Nesting Season (March - July)**
- **Brown Pelican Season (July 1 – Sept. 30)**
- **Biologist will be available at Alameda**

4



Sites 31 and 33 Remedial Action



Current Status

- Tetra Tech EC temporarily maintaining soil stockpiles and Radiologically Controlled Areas (RCA) at both sites until new contract is awarded
- Tarps to be replaced with copolymer soil stabilizer
- Site 33 RCA was down-posted on April 25
- Fencing still remains
- Site 31 RCA to remain

Schedule

- Contract Award expected: July
- Draft Work Plan with expedited review: August
- Final Status Survey (FSS) review: November
- Treatment Disposal of stockpiled soils: August/September
- Site restoration: August/September
- Remedial Action Completion Reports: December

5



Questions?

6

**Naval Station Treasure Island
Environmental Cleanup Program
Document Tracking Sheet
June 2013 - November 2013**

Item	Document Title & Information	CTO/DO	INTERNAL DRAFT		DRAFT							RTC		INTERNAL FINAL		FINAL	Comments									
			Internal Draft Due to Navy	Navy Comments Due	Draft to Agencies	Date Due	Agency Comments					Preliminary RTCs to Agencies	Resolve and Concur on RTCs	Internal Final to Navy	Navy Comments Due	Final to Agencies										
							DTSC	WATER BOARD	EPA	TIDA/TICD	RAB							OTHER	Priority Review							
Site 6																										
1	UST 240 Post-Construction Summary Report	0002	05/07/13	✓	05/21/13	✓	06/24/13	07/24/13								07/31/13	08/14/13	08/26/13	09/09/13	09/23/13						
	RPM: Tony Konzen																									
	PM: Phil Skorge, ERRG																									
2	Site 6 PP/Draft RAP	0038	07/10/13		08/09/13		08/23/13	09/22/13								10/20/13	11/03/13	11/19/13	11/29/13	12/13/13		Schedule pending BCT discussion				
	RPM: Tony Konzen																									
	PM: Dennis Kelly, TriEco-Tt																									
Site 12																										
3	Bayside/North Point Post-Construction Report	0010	10/18/11 07/03/12	✓	02/27/12 08/03/12	✓	09/07/12	✓	10/29/12	✓	X	✓				03/07/13	✓	NA	05/09/13	05/29/13	06/28/13					
	RPM: Tony Konzen																									
	PM: Ulrika Messer, CBI																									
4	SWDA A&B Post-Construction Summary Report (Phase I)	0010	10/25/12 04/22/14	✓	12/10/12 05/12/14	✓	01/28/13 05/30/14	✓	02/27/13 06/27/14	X						07/10/14		07/12/14	07/14/14	07/19/14	07/24/14					
	RPM: Tony Konzen																									
	PM: Ulrika Messer, CBI																									
5	Site 12 Feasibility Study	:	06/21/13		07/22/13		08/20/13		09/19/13							10/09/13		TBD	10/31/13	11/14/13	11/28/13					
	RPM: Tony Konzen																									
	PM: Doug Gilkey, KCH																									
Site 21																										
6	Site 21 Land Use Control RD/RAWP	:	04/08/13	✓	05/08/13	✓	06/20/13	07/18/13								08/01/13		08/08/13	08/19/13	08/26/13	09/02/13					
	RPM: Danielle Janda																									
	PM: Internal Navy																									
Site 24																										
7	Phase III Treatability Study Report	:	04/05/13	✓	04/22/13	✓	05/02/13	✓	06/03/13	✓	✓	✓				07/01/13		07/02/13	08/01/13	08/11/13	08/25/13	DTSC (5/31), TIDA (6/5), WB (6/12)				
	RPM: Danielle Janda																									
	PM: Neil Hey, CBI																									
Site 27																										
8	Site 27 Remedial Design	0009	05/31/12* 01/02/13**	✓	06/20/12* 01/18/13**	✓	07/16/12* 02/05/13**	✓	08/16/12* 03/08/13**	✓	✓	✓	✓	✓	✓	11/02/12* 04/11/13**	✓	11/09/12* 04/18/13**	✓	04/29/13	✓	05/07/13	✓	05/23/13	✓	*30% design,**90% design DTSC (3/1), WB (3/8); TIDA (3/4); DFG (3/4); BCDC (3/8)
	RPM: Lora Battaglia																									
	PM: Katie Henry, TriEco-Tt																									
8	Site 27 Remedial Action Work Plan	:	02/15/13	✓	03/16/13	✓	04/09/13	✓	04/22/13	✓	✓	X	✓			06/18/13		NA	06/19/13	07/01/13	07/12/13	DTSC (4/22), TIDA (4/22), EPA (5/15), WB (5/30)				
	RPM: Lora Battaglia																									
	PM: Hedy Abedi, TtEC																									
Site 30																										
8	Land Use Covenant Inspection Report	9002	02/06/13	✓	02/27/13	✓	03/20/13	✓	04/18/13	X	X	X				04/25/13	✓	TBD	04/28/13	✓	04/30/13	✓	05/02/13	✓		
	RPM: Danielle Janda																									
	PM: Greg Alyanikian, Trevet																									

**Naval Station Treasure Island
Environmental Cleanup Program
Document Tracking Sheet
June 2013 - November 2013**

Item	Document Title & Information	C/O/DO	INTERNAL DRAFT		DRAFT							RTC		INTERNAL FINAL		FINAL	Comments		
			Internal Draft Due to Navy	Navy Comments Due	Draft to Agencies	Agency Comments					Preliminary RTCs to Agencies	Resolve and Concur on RTCs	Internal Final to Navy	Navy Comments Due	Final to Agencies				
						Date Due	DTSC	WATER BOARD	EPA	TIDA/TICD						RAB		OTHER	Priority Review
Sites 31/33																			
9	Site 31 Remedial Action Work Plan Amendments	:	07/26/13	07/31/13	08/07/13	08/14/13							08/16/13	NA	08/16/13	08/18/13	08/20/13	Awaiting contract award	
	RPM: Lora Battaglia																		
10	Site 31 Remedial Action Completion Report	:	11/04/13	12/04/13	01/02/14	02/01/14							02/06/14	NA	02/06/14	02/12/14	02/19/14	Awaiting contract award	
	RPM: Lora Battaglia																		
11	Site 31 Final Status Survey Report	:	10/09/13	11/13/13	11/20/13	12/19/13							12/24/13	NA	12/24/13	12/31/13	01/06/14	Awaiting contract award	
	RPM: Lora Battaglia																		
12	Site 33 Remedial Action Completion Report	:	07/31/12	08/15/12	09/10/12	11/02/12		X					02/06/13	03/06/13	11/04/13	12/04/13	02/21/14	Awaiting contract award	
	RPM: Lora Battaglia																		
Building 233																			
13	Building 233 Characterization and FSS Plan	0010	07/31/13	08/21/13	08/28/13	09/25/13							09/27/13	NA	09/28/13	09/29/13	09/30/13		
	RPM: Tony Konzen																		
14	Building 233 Final Status Survey Report	0010	12/05/13	01/02/14	01/23/14	02/19/14							03/13/14	03/26/14	03/28/14	03/30/14	04/02/14		
	RPM: Tony Konzen																		
Groundwater Monitoring																			
15	2012 Sites 6 and 12 Groundwater Report	:	03/31/13	04/15/13	05/02/13	06/03/13							06/27/13	TBD	07/11/13	07/25/13	08/08/13	DTSC (6/3), RAB (6/3), TIDA (6/5)	
	RPM: Danielle Janda																		
16	2012 Sites 21 and 24 Groundwater Report	:	07/12/13	07/26/13	08/16/13	09/15/13							09/29/13	10/06/13	10/13/13	10/27/13	11/03/13		
	RPM: Danielle Janda																		
17	2013 Sites 6, 12, 21, 24 Groundwater WP and SAP	:	06/06/13	07/11/13	07/25/13	08/22/13							09/05/13	09/12/13	09/23/13	09/30/13	10/07/13		
	RPM: Danielle Janda																		
Other Reports																			
18	Historical Radiological Assessment Tech Memo	0003	05/30/12	06/29/12	08/06/12	10/05/12							01/18/13	08/30/13	10/16/13	10/20/13	10/25/13	10/31/13	Document on-hold pending upcoming Site 12 characterization survey
	RPM: David Clark																		
19	TI Basewide Radiological Management Plan	0006	01/07/13	02/19/13	04/12/13	05/12/13							06/28/13	TBD	07/05/13	07/12/13	07/19/13	TIDA (5/14), DTSC (5/17) SAP Cmts: EPA (6/3), TIDA (6/3)	
	RPM: Danielle Janda																		

**Naval Station Treasure Island
Environmental Cleanup Program
Document Tracking Sheet
June 2013 - November 2013**

Item	Document Title & Information	CTO/DO	INTERNAL DRAFT		DRAFT							RTC		INTERNAL FINAL		FINAL	Comments				
			Internal Draft Due to Navy	Navy Comments Due	Draft to Agencies	Agency Comments						Preliminary RTCs to Agencies	Resolve and Concur on RTCs	Internal Final to Navy	Navy Comments Due	Final to Agencies					
						Date Due	DTSC	WATER BOARD	EPA	TIDA/TICD	RAB							OTHER	Priority Review		
Other Reports (Continued)																					
20	2013 Site Management Plan	0003	03/27/13	✓	05/06/13	✓	06/20/13	07/20/13								07/31/13	TBD	08/30/13	09/10/13	09/24/13	
	RPM: Danielle Janda																				
	PM: Marcie Rash, TriEco-Tt																				
21	Community Relations Plan Update	0038	08/11/13		09/08/13		10/04/13	11/03/13								11/15/13	12/18/13	01/01/14	01/15/14	02/01/14	
	RPM: Keith Forman																				
	PM: Marcie Rash, Tetra Tech																				

- ✓ Production or review of document is complete.
- X Received notification of no comments or comments deferred to other agency.

Abbreviations:

CTO/DO = Contract task order/delivery order
 DTSC = Department of Toxic Substances Control
 EPA = U.S. Environmental Protection Agency
 FS = Feasibility study
 FSS = Final status survey
 HHRA = Human health risk assessment
 LUC = Land use control
 NA = Not applicable
 NTCRA = Non-time critical removal action

PCB = Polychlorinated biphenyls
 PM = Project manager
 PP = Proposed plan
 RAP = Remedial action plan
 RASO = Radiological Affairs Support Office
 RD = Remedial Design
 RAWP = Remedial Action Work Plan
 RI = Remedial investigation
 ROD = Record of decision

RPM = Remedial project manager
 SAP = Sampling and analysis plan
 SWDA = Solid waste disposal area
 TBD = To be determined
 TICD = Treasure Island Community Developers
 TIDA = Treasure Island Development Authority
 UST = Underground storage tank
 Water Board (WB) = Regional Water Quality Control Board
 WP = Work Plan

Grey shading indicates the document is finalized.
 Blue shading indicates agency review comments are due within the next 60 days or are outstanding.
 Yellow shading indicates documents that will be issued draft or final within the next 60 days.

**Naval Station Treasure Island
Navy Field Schedule
June 2013 - November 2013**

Item	Activity and Investigation Area	Field Dates	Navy RPM	Complete
Site 12				
1	Non-Time Critical Removal Action	Start: 02/26/07 Finish: TBD	Tony Konzen (619) 532-0924	
2	SWDA A&B (Phase II) - Site 12 Hot Spots and Buildings 1121 and 1323 Demolition	Start: 05/15/13 Finish: 08/17/13	Tony Konzen (619) 532-0924	
Site 27				
3	Site 27 Remedial Action	Start: 07/09/13 Finish: 11/04/13	Lora Battaglia (619) 532-0968	
Sites 31/33				
4	Sites 31/33 Remedial Action	Start: 02/02/12 Finish: 10/31/13	Lora Battaglia (619) 532-0968	
Building 233				
5	Building 233 Debris Screening / Final Status Survey	Start: 01/30/12 Finish: 04/11/14	Tony Konzen (619) 532-0924	
Groundwater Monitoring				
6	Sites 6,12 - 1st Quarter Groundwater Sampling <i>Sites 6 and 12</i>	Start: 06/24/13 Finish: 06/26/13	Danielle Janda (619) 532-0796	
7	Sites 6, 21, 24 - Groundwater/Soil Gas Sampling <i>Sites 6, 21, and 24</i>	Start: 09/16/13 Finish: 09/25/13	Danielle Janda (619) 532-0796	
Other				
8	Scoping Surveys - Various Sites <i>Building 3, Sites 12, 32, and roads between Sites 6 and 12; and Waste Utilities at Bldgs 3, 7, and 233</i>	Start: 07/22/13 Finish: 10/22/13	Danielle Janda (619) 532-0796	

Abbreviations:

- Not applicable, there is no associated documentation listed on the DTS.
- CTO/DO Contract task order/delivery order
- DTS # The number listed corresponds to the associated documentation listed on the Document Tracking Sheet.
- RPM Remedial project manager
- SWDA Solid waste disposal area
- TBD To be determined
- UST Underground storage tank

✓ Field work is complete.

Yellow shading indicates field activities that will start or finish within the next 60 days.

Grey shading indicates field activities are complete.