



# FINAL

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

Meeting #151

21 DECEMBER 2010

**Community Restoration Advisory Board (RAB) Members in attendance:**  
John Gee, Alice Pilram, Dale Smith

**Department of the Navy and Regulatory Agency RAB Members in attendance:**  
Ross Steenson (San Francisco Bay Regional Water Quality Control Board  
[Water Board])  
James Sullivan (Navy)

**Other Navy and Regulatory Staff and Consultant Representatives in attendance:**

Pete Bourgeois (Shaw Environmental and Infrastructure, Inc. [Shaw])  
David Clark (Navy)  
Brian Holmgren (Shaw Environmental and Infrastructure, Inc. [Shaw])  
Marcie Rash (Tetra Tech EM Inc. [Tetra Tech])  
Tommie Jean Valmassy (Tetra Tech)

**Public Guests**  
None

### **Welcome Remarks and Introductions**

James Sullivan (Base Realignment and Closure [BRAC] Environmental Coordinator) opened the meeting, held at the Casa de la Vista (Building 271) on Treasure Island (TI). He thanked everyone who participated in the annual holiday social held the hour before the meeting. Mr. Sullivan noted the meeting handouts were available on the back table, including copies of the agenda ([Attachment A.](#)) He asked for any comments or changes to the agenda; there were none.

### **Public Comment and Announcements**

Mr. Sullivan noted two public comment periods are included in the RAB agenda, one at the start of the meeting and one near the end, to provide members of the public an opportunity to comment on the Navy's environmental program at Former Naval Station Treasure Island (NAVSTA TI). Attendees may also use the time to make any announcements of public interest. There were no comments or announcements. Mr. Sullivan also noted that everyone is welcome to ask questions or make comments during the course of the meeting.

### **Treasure Island/Yerba Buena Island Property Transfer Update and Finding of Suitability to Transfer**

Mr. Sullivan provided his regular update on the status of property transfer, including the Finding of Suitability for Transfer (FOST). ([Attachment B](#).) He stated the team is within 1 to 2 years of the initial conveyance of property, which is why the FOST is now a standard agenda item. Mr. Sullivan said the Navy has not transferred any FOST property to the Treasure Island Development Authority (TIDA), but the initial conveyance will take place in late 2011 or early 2012. Previously, portions of NAVSTA TI have been transferred to other agencies; to the U.S. Department of Labor for the Job Corps Center, and to the U.S. Coast Guard on Yerba Buena Island (YBI) to augment the property that the Coast Guard already owned on YBI.

Mr. Sullivan added that the Federal Highway Administration (FHWA) transferred portions of NAVSTA TI to the California Department of Transportation (Caltrans) for the Bay Bridge.

Mr. Sullivan stated that previously Caltrans did not own any of the land on YBI; the property for the bridge was an easement from the Navy. However, the property for the existing bridge and for the new bridge being built is now all owned by Caltrans. Mr. Sullivan said the Navy also leases out large portions of NAVSTA TI to TIDA. He noted all of the buildings in use are leased from the Navy to TIDA, including the Casa de la Vista, where this RAB meeting is held.

Mr. Sullivan said there are three FOST documents: a “2010 FOST” – which will actually be finalized in early 2011; and two 2006 FOSTs – one for TI and one for YBI. Several steps must be completed for the initial conveyance of land to TIDA: (1) the 2010 FOST must be completed, (2) there will be one single addendum to the two 2006 FOSTs to update those documents, (3) TIDA must complete the California Environmental Quality Act (CEQA) process, and (4) the Navy and TIDA need to finalize the real estate agreement package, which includes the deed, maps, and all required documentation. Mr. Sullivan noted this package will need to be approved by Navy Headquarters, and not only by the TIDA Board, but also by the San Francisco Board of Supervisors. He said approval will likely occur in the first half of 2011.

The Navy has also agreed to reach specific milestones in the environmental program before the initial conveyance. As noted on slide 4 of the handout, those milestones include: (1) complete the Building 233 demolition and finalize the [radiological] Final Status Survey Report; (2) complete the Final Record of Decision (ROD) for Site 21; and (3) conduct the remedial action at Site 33, including the Remedial Action Completion Report (RACR), which will be discussed later in this meeting.

Mr. Sullivan stated no early transfers are scheduled at this time. He noted there will be future FOST documents and property transfers as environmental actions are completed at various sites. The Navy will continue to keep the RAB updated.

There were no questions or comments.

#### **Site 12 Removal Action and Access Update**

Mr. Sullivan introduced Pete Bourgeois (Shaw) to provide an update on the Solid Waste Disposal Areas (SWDA) removal action at Westside Drive within Site 12 (TI Housing Area) ([Attachment C](#)). Mr. Bourgeois said the Shaw team has not been conducting any field work in this area recently; the team is awaiting approval for work plans and work instructions.

Mr. Bourgeois said the Navy is currently reviewing the Preliminary [radiological] Final Status Survey Master Plan. He stated Shaw is also currently incorporating Navy RPM and the Navy Radiological Affairs Support Office (RASO) comments on the work plan for the radiological hot spot near Building 1321. Mr. Bourgeois noted that the hot spot has been previously briefed to the RAB and is currently under a large steel plate. He noted the work plan will also incorporate certain sampling protocols from the radiological disposal contractor, Environmental Management Services (EMS), because they will be collecting samples while Shaw excavates soil in that area.

Mr. Bourgeois said Shaw has a work instruction in development to radiologically scan and then demolish Buildings 1123, 1319, and 1321. He noted on the map the location of Buildings 1319 and 1321 near the curve on Westside Drive, and Building 1123 on Lester Court.

He identified the footprint of the proposed excavation area at Bigelow Court (slide 3). Buildings 1103 and 1101 within that footprint are planned for demolition. He reviewed, as indicated on the figure, the areas that will be excavated to a depth of 2 feet and 4 feet. Mr. Bourgeois said the planned excavation depths were selected based on previously collected soil samples. He added that confirmation samples will be collected and the depth of the excavation may be adjusted depending on the sample results.

Mr. Bourgeois said Navy RASO is reviewing the internal draft work plans for Bigelow Court, and then the plans will go to the Base Realignment and Closure Cleanup Team (BCT) and the RAB. Shaw hopes to mobilize to the field sometime in April 2011. He said the excavation work is expected take 3 to 4 weeks.

Mr. Bourgeois gave an update on the status of public access on Perimeter Road. He noted this update is always included in his Site 12 presentation because Shaw and the Navy understand the public is interested in the access. He noted access

has not changed in a long time. The only area where Perimeter Road access is restricted is adjacent to Westside Drive (SWDA A&B), and leading into the parking lot around Site 6 and Building 461. All other areas of Perimeter Road are accessible. Mr. Bourgeois noted an area of the road that leads to the boat ramp has been opened. He said that access has been available for more than 6 months.

### **Building 233 Update**

Mr. Bourgeois moved on to an update on the work at Building 233 ([Attachment D](#)). He noted completing the work at Building 233 is a priority for the initial transfer of land from the Navy to TIDA. Shaw began radiological scans of the inside and outside of the building in September 2010. That work has been completed, and the Navy is reviewing the data from the scans. Shaw is hoping the building can be demolished in early January. Mr. Bourgeois said the Navy is also reviewing the internal draft Final Status Survey Plan for the building footprint.

Mr. Bourgeois showed photographs of the scanning work at Building 233. He showed the workers using a gas proportional meter, which measures alpha and beta radiation. He also showed a worker using a sodium iodide detector, which detects gamma radiation. To scan the building, workers sectioned it off into 1-meter-square grids. The floor was 100 percent scanned. The floor surface to 6 feet above the floor was 100 percent scanned. From 6 feet to the ceiling – about 10 feet high – was 50 percent scanned. Then, the ceiling was 10 percent scanned. Mr. Bourgeois also showed photographs of the ballasts that were removed from the overhead lights, which were scanned and swipe sampled, and released for disposal. Mr. Bourgeois said the smoke detectors were all removed and will be disposed of as low-level radiological waste. All of the light bulbs were also scanned. No radiological material was detected, but the bulbs are fluorescent, so they must be properly disposed of as environmental waste.

Mr. Bourgeois showed slides with photographs of a hot spot that was found within the building. A white buffer was painted around the hot spot. The section was cut out and the grids around the area were 100 percent scanned. Mr. Bourgeois also showed a photograph of the bathrooms, where the field crew scraped down the concrete floors, rescanned the area, and vacuumed the concrete with a high efficiency particulate air (HEPA) vacuum.

Mr. Bourgeois said the most contamination in the building was found in Room 101, which is in the northeastern portion of the building. He said that staircases lead outside at the southwestern and northeastern sides of the building. There is fixed contamination located on the asphalt just outside both of these exits. Mr. Bourgeois said Shaw will address the contaminated asphalt in the final status survey. Shaw believes when the building was initially decontaminated [in 1950]; all of the water from the washing and mopping led to Room 101 and out the

door. Therefore, Shaw removed all of the flooring and all of the joists in this room. The second floor had to be removed to reach the joists. Mr. Bourgeois showed photographs of plastic that was laid on the ground to collect any materials that dropped when the second floor and joists were removed to prevent further contamination. Mr. Bourgeois added that the building's structural integrity was reduced due to the work done prior to demolition.

Alice Pilram (RAB Community Co-Chair) said she attended a recent resident's meeting about relocation. She noted during the meeting that many residents are under the impression that there was a large-scale nuclear accident on TI. She said she tried to reassure the participants and explain that there was a very small spill and that it is being addressed. However, she said it appears many residents are still concerned, even though the Navy has made efforts to communicate with them. Mr. Bourgeois thanked her for sharing information with other residents. He noted the historical spill at Building 233 was a 40-milliliter vial of radium salt and was contained within the footprint of that building. He invited anyone with questions to visit the Shaw office at Building 570 for clarification or to call the Navy representative, Jim Sullivan.

Dale Smith (RAB community member) asked if the issue with the radium spill was the small quantity that was spilled, or if it was that cleanup standards have increased. Mr. Bourgeois said the cleanup levels are much more conservative now. Ms. Smith asked how the contamination may have migrated underneath floors. Mr. Bourgeois said the original cleanup was extensive and included mopping and washing with water, which may have gone under baseboards. He noted Shaw will remove all of the baseboards in the entire building. He added that some of the floors are slat-type with gaps between the slats. Following the original decontamination, the Navy also added new flooring, which further prevented exposure. He stated the Navy also installed another layer of sheetrock and wainscoting along the walls in the hallways. All of that added material had to be removed in order to scan the original floor and wall materials.

Mr. Bourgeois said the Navy decided to remove all of the piping and ducts, and, dispose of them as low level radiological waste because it would take too much time to cut them open and scan. He restated that the radiological standards are much more conservative now than they were during the original 1950's cleanup, which is why the Navy began reassessing the building in 2006.

#### **Field Activities Update Sites 21, 24, 31, 32, and 33**

Mr. Bourgeois noted there is a separate handout for this field activity update ([Attachment E](#)). He said Sites 21, 24, and 32 are the bioremediation locations. Shaw previously submitted to the regulatory agencies and the RAB the work plans for another year of groundwater monitoring. He said some comments had

been received and the due date for comments is the week of the current meeting. Ms. Smith said she had submitted very brief, simple comments to the Navy.

Shaw conducted soil gas sampling at Site 21 and had to return to four locations to resample because the leak detection compound used during sampling was discovered, meaning a leak had occurred. He noted it is difficult to verify that the sampling system is fully sealed until the samples are analyzed. He noted some locations had to be resampled at Site 25 as well. Mr. Bourgeois said the soil gas sampling locations will be left in place to provide the option for TIDA to sample them again in the future. He said the data collected will first be sent to the Navy for review, and then will go to the regulatory agencies and the RAB. He added that Shaw will request that a soil gas expert present the data to the RAB.

Mr. Bourgeois provided an update on Sites 31 and 33. Excavation at those sites is on hold and work under the original scope of work was completed. However, additional contamination was found during the original phase of field work, expanding the scope of work, and requiring award of a new contract. The plans for the work have been sent to Navy RASO for review of an incidental radiological scanning procedure to be included in the field work procedures.. Shaw hopes to begin the additional field work sometime in March 2011.

Ms. Smith asked why RASO is reviewing documents for Sites 31 and 33. Mr. Bourgeois said Shaw will conduct gamma walk-over scans of the soil at those sites because radiological materials were found at Site 12. There is a statement in the Historical Radiological Assessment (HRA) that if any radiological contamination is found at Site 12, the Navy will evaluate other areas containing debris, including Sites 31 and 33.. He added the Navy does not expect to find anything at Sites 31 and 33. Mr. Sullivan said that after RASO has completed its radiological review, the work plan will go to the regulatory agencies. The California Department of Toxic Substances Control (DTSC) will ask that its radiological technical consultant, the California Department of Public Health, review the work plans as well.

Ms. Smith asked if the work planned for Bigelow Court will also be subject to radiological evaluation. Mr. Bourgeois confirmed it will be subject to the same kind of radiological evaluation because it is a SWDA, though the Navy does not expect to find any radiological contamination at Bigelow Court.

#### **Basewide Well Removal Update**

Mr. Sullivan introduced Dave Clark (Navy) as the Lead Remedial Project Manager (LRPM) for NAVSTA TI. Mr. Clark noted Tony Konzen is the Navy RPM for this project but was unavailable to attend this meeting, so he is providing the update about monitoring well decommissioning ([Attachment F](#)).

Mr. Clark said that over the years wells are installed, and when they are no longer being used in some cases they are not removed, even though the wells should be decommissioned when they are no longer needed.

Mr. Clark said recently the Water Board sent the Navy a letter requesting the Navy verify it is up-to-date with well “housekeeping” tasks, including removing wells that are no longer being used. The biggest concern with leaving wells in place is that they provide a pathway to the aquifer that is no longer being monitored. It is also a concern if property is transferred because the new owner may not have control over the wells, may not know they are there, or may not remove them properly.

As due diligence, the Navy is reviewing all of the wells at NAVSTA TI to determine if any should be removed. The Navy identified 40 wells that should be removed, if they are still present. The wells vary in size from 1 to 4 inches in diameter and from 13 to 20 feet in depth. Mr. Clark explained that it is possible that some of these wells have already been removed, and the removal may not have been documented. As a result, an attempt must be made to confirm whether or not the wells are present. If the wells are not located, that will also be documented. The documentation will leave a paper trail so a future owner will know which wells still exist. He stated in addition to the Water Board, the City and County of San Francisco and the Department of Water Resources also want to make sure wells are managed properly and see a paper trail on their status.

Mr. Clark said removing the wells is similar to installing them – the same equipment and safety measures are used. However, once a well is removed, it is important to make sure it has a good seal so there is no path to the groundwater. Mr. Clark showed a photograph of a hollow-stem auger. He noted if people see workers out in the field with this equipment, they are probably removing the wells. The actual well removals will probably only take about a week to complete in the field. The process for removing the wells is called “overdrilling.”

Mr. Clark reviewed a list of wells that will be removed and a map of the locations. He noted many wells are still being used, especially at Sites 12, 21, 24, and 32, so those will remain in place.. He added the list of wells to be removed was sent to the BCT for comment. If there was a request to keep a well, the Navy will leave it in place for future use. A report will be generated to document which wells were removed and which wells could not be located and are believed to no longer exist.

He showed a photograph of what a well looks like from the outside. Ms. Smith asked if the auger is inserted down in the existing well to remove it. Ross Steenson (Water Board) explained the auger goes on the outside of the casing of the well. As a result, the casing as well as some of the soil or sand around the

well is removed. Mr. Bourgeois said the concrete and metal box on top is called a Christy box, and it is broken down first. Then there is a bentonite seal on top and a sand pack around the well. Mr. Steenson also said the overdrilling method is standard for shallow wells.

Ms. Smith asked what happens to the actual well, and whether it is destroyed as the auger worms its way down. Mr. Clark stated that is what happens; the well itself is destroyed by the auger in order to remove it. Ms. Smith asked if the hole is then filled with bentonite. Mr. Bourgeois said the top is sealed with bentonite, and the area below is filled with grout. He explained bentonite is a clay, and grout is like a concrete.

Mr. Sullivan summarized by stating that the Navy has removed other wells at NAVSTA TI in the past, using this same procedure. These wells are being decommissioned all at once as a housekeeping measure, to make sure they are addressed before property transfers.

#### **Draft Sites 31 and 33 Explanation of Significant Differences**

Mr. Clark moved on to an update of the Explanation of Significant Differences (ESD) for Sites 31 and 33 ([Attachment G](#)). Mr. Clark stated that he has worked through the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) for several years now, and it works well from the beginning through the Record of Decision (ROD) process. However, the process does not stop at the ROD.

Mr. Clark said the Navy is now more efficient when it writes the ROD and also when it deals with potential changes to the ROD, as is the situation with Sites 31 and 33. He noted the sites are two separate geographic areas, but are located close to one another. The Site 31 ROD was signed in July 2009 and was only for Site 31. However, it has been determined that Site 33 is similar in both nature of contamination and the appropriate remedy for the site. Therefore, the Navy wants to change the Site 31 ROD to include Site 33. Mr. Clark explained one of the means to make such a change to a ROD is through an ESD. The other means to change a ROD is through a ROD amendment.

The ESD documents any significant change in the goals or the approach without changing the overall selected remedy. For example, if the final remedy is an excavation but the Navy wants to increase the size of the excavation or add a chemical of concern but retain excavation as the remedy, the ROD can be modified with an ESD. A ROD amendment is more complex and takes longer than an ESD.

There are separate excavation areas within Site 31. It makes sense to state that the excavation within Site 33 is a separate area and it should be added to this

ROD. Using the ESD streamlines the process. In this case, the Navy is adding 4,000 square feet to the footprint of the excavation. Initially, the excavation was about 20,000 square feet. The two main contaminants of concern (COC) at Site 33 are lead and arsenic. Lead is a COC at Site 31 as well, but arsenic is not. The ESD is able to add arsenic as a COC.

There will also be a requirement to perform a radiological scan of the excavations based on instructions from the HRA, as discussed earlier in the meeting. This ESD allows that work to be added as well.

Mr. Clark said excavation is the selected remedy for Site 33 and the Navy hopes to obtain unrestricted reuse for the property, similar to Site 31. The draft ESD will be issued sometime in January 2011, and the work plan for the field work will go to the regulatory agencies for review in February 2011.

Ms. Smith asked why the modification is called “significant differences” when actually the point is that the sites they are similar. Mr. Sullivan explained that “significant differences” is CERCLA terminology. He added that the Navy is indicating there are changes to the ROD significant enough that they need to be documented in an ESD. Mr. Clark added that one of the newer members to the Navy TI team, Lora Battaglia, is the RPM for Sites 31 and 33. Ms. Battaglia may attend a future RAB meeting to talk about the project more with the RAB.

#### **Site 28 ROD and Basewide ROD Status**

Mr. Sullivan gave a brief presentation on the Site 28 ROD and the status of RODs basewide ([Attachment H](#)). He showed the location of Site 28 on Yerba Buena Island. He noted Site 28 is Navy property, but is adjacent to Site 29, which is now Caltrans property. Originally, part of Site 28 was also on Caltrans property. The boundary line between Site 28 and Site 29 was later adjusted so that Site 28 was solely on Navy property.

A no further action (NFA) ROD was signed for Site 28, known as the Westside On/Off Ramps, on November 22, 2010. Previously, a Proposed Plan (PP) was issued and a public meeting was held on May 12, 2010. A Remedial Investigation also preceded the PP. Ms. Smith asked if there was a Feasibility Study. Mr. Sullivan said that typically in the CERCLA process there would be an FS after the RI. However, an FS was not required since NFA was the path forward and the site went from RI to PP. Mr. Sullivan explained Site 28 is important to TIDA and to Caltrans because Caltrans is planning improvements to the on/off ramps to the Bay Bridge.

Mr. Sullivan then reviewed the status of other RODs for NAVSTA TI. He pointed out the following sites on the map: RODs that have been signed include Sites 9, 10, 13, 30, and 31. Three additional sites were closed as NFA with a Site

Investigation (SI) instead of a ROD – Sites 1, 3, and 7. Sites 5 and 7 were merged with Site 24. There are five CERCLA RODs to be completed in the future: Sites 6, 12, 21, 24, and 32. The other sites on YBI will be coordinated with Caltrans. Those are Sites 8, 11, and 29. Previously, the Navy completed interim RIs for Sites 8, 11, and 29. He said the Navy and Caltrans still need to discuss the future closeout strategy for those sites. Mr. Sullivan added there are other sites that are managed under the petroleum program, instead of the CERCLA program. Those must be closed under a separate program with the Water Board.

### **Upcoming Documents and Field Schedule**

#### **Documents**

Mr. Sullivan introduced Marcie Rash (Tetra Tech) to review the Document Tracking Sheet (DTS, [Attachment I](#)) and the Field Schedule Sheet ([Attachment J](#)). Ms. Rash reviewed the documents that will be issued or where comments will be due within the next 60 days; all of them are highlighted on the attachment. It was noted the date on the DTS for the Building 233 draft Final Status Survey Work Plan will be delayed. In addition, the date for the Site 12 draft Final Status Survey Master Plan will also be delayed past the date on the DTS.

#### **Field Schedule**

Ms. Rash said there will be a groundwater sampling event at Sites 21, 24, and 32 beginning approximately January 10, 2011. All other schedules are already in progress or have been completed.

#### **RAB Meeting Minutes**

Mr. Sullivan asked if there were any comments on the October 2010 meeting minutes. There were no comments. The minutes were accepted as final. Mr. Sullivan noted the handouts are included to the electronic file as minutes are finalized, and the package is posted on the Navy's website ([www.bracpmo.navy.mil](http://www.bracpmo.navy.mil)). Ms. Smith asked if BCT minutes are also posted on the website. Mr. Sullivan said the BCT minutes have not historically been posted on the Navy's website, but they are in the information repositories.

#### **Co-Chair Announcements**

Mr. Sullivan noted TIDA recently held a board meeting on TI, which typically occurs once a year. He also said there have been several residents meetings over the last month (November/December 2010) so TIDA can talk to residents about the housing transition plans.

#### **BRAC Cleanup Team Update**

Mr. Sullivan reported that the BCT held their regular meetings in the first week in November, and another one in early December, and that they were both routine project management meetings covering topics similar to the RAB

meeting agenda. Mr. Sullivan stated Ms. Smith had previously asked about land use controls and how those are monitored or regulated after transfer. Land use controls were discussed at the November BCT meeting, but he said that the BCT is still in the preliminary stages of discussion. He added that legal counsels for all of the parties (Navy, regulatory agencies, TIDA, and developer) have all had discussions about that, and those are still ongoing.

Mr. Sullivan added that the Navy has two new RPMs on the NAVSTA TI team. First is Lora Battaglia, who has been working on Site 27 for the last year. She will take over Sites 31 and 33 now that Scott Anderson has left the NAVSTA TI team. Second is Danielle Janda, who is going through a rotation at the BRAC office via the Navy environmental program at NAVFAC Southwest. She may continue to stay at the BRAC office after her rotation is complete. Ms. Janda has been working on Sites 21 and 24. Mr. Sullivan added that there is a new Navy RASO project manager for NAVSTA TI, replacing Patrick Owens. That person is Zachary Edwards; he is located in Virginia in the RASO office, as was Mr. Owens. Mr. Edwards attended a RAB meeting a few months ago.

#### **Other Public Comments and Announcements**

Mr. Sullivan asked for any public comments or announcements. There were none.

#### **Future Meeting Agenda Items**

Mr. Sullivan asked for future meeting agenda item requests. He said the Navy will present a 2010 "Look Back" and a 2011 "Look Ahead" at the next meeting. He added that Shaw may show a video of demolition of Building 233 at the next RAB meeting. He also noted the RAB call to discuss the next agenda is scheduled for the last Tuesday in January, as noted on the back of the current agenda. The meeting was adjourned.

#### **December 2010 RAB Meeting Handouts**

- [Attachment A](#): NAVSTA TI RAB Meeting No. 151 Agenda, 21 December 2010
- [Attachment B](#): Property Transfer & FOST Update
- [Attachment C](#): Field Efforts Solid Waste Disposal Areas
- [Attachment D](#): Field Efforts Building 233
- [Attachment E](#): Field Activities Sites 21, 24, 25, 31, 32, 33
- [Attachment F](#): Monitoring Well Decommissioning
- [Attachment G](#): Sites 31 and 33 Explanation of Significant Differences
- [Attachment H](#): Site 28 ROD and ROD Status
- [Attachment I](#): Document Tracking Sheet, 21 December 2010
- [Attachment J](#): Field Schedule, 21 December 2010

NAVAL STATION TREASURE ISLAND  
ENVIRONMENTAL RESTORATION ADVISORY BOARD MEETING  
Tuesday, 21 December 2010  
7:00 PM.  
**Casa de la Vista Building 271**  
Treasure Island  
**MEETING NO. 151**

- 6:00           **Optional Potluck Holiday Social**
- 7:00 – 7:05   **Welcome Remarks and Introductions**  
Lead: James Sullivan, Navy Co-Chair
- 7:05 –7:10   **Public Comment and Announcements**  
Lead: James Sullivan, Navy Co-Chair
- 7:10 – 7:15   **Treasure Island/Yerba Buena Island Property Transfer Update**  
Lead: James Sullivan, Navy Co-Chair
- 7:15 – 7:20   **Site 12 (TI Housing) Removal Action and Access Update**  
Lead: Pete Bourgeois, Shaw E & I
- 7:20 – 7:30   **Field Activities Update (Building 233, Sites 21, 24, 25 and 32)**  
Lead: Pete Bourgeois, Shaw E & I
- 7:30 – 7:35   **Basewide Well Removal Update**  
Lead: David Clark, Navy Lead RPM
- 7:35 – 7:40   **Draft Sites 31 and 33 Explanation of Significant Differences (ESD)**  
Lead: David Clark, Navy Lead RPM
- 7:40 – 7:45   **Site 28 ROD and Basewide ROD Status**  
Lead: James Sullivan, Navy Co-Chair
- 7:45 – 7:50   **Upcoming Documents and Field Schedule**  
Lead: Marcie Rash, Tetra Tech
- 7:50 – 7:55   **RAB Meeting Minutes**  
Lead: James Sullivan, Navy Co-Chair
- 7:55 – 8:00   **Co-Chair Announcements**  
Lead: Alice Pilram, Community Co-Chair
- 8:00 – 8:05   **BRAC Cleanup Team Update**  
Lead: James Sullivan, Navy Co-Chair
- 8:05 – 8:10   **Other Public Comment and Announcements**  
Lead: James Sullivan, Navy Co-Chair

8:10 – 8:15 **Future Meeting Agenda Items**  
Lead: Navy and Community Co-Chairs

8:15 **Closing Remarks/End of Meeting**  
Break/Informal Discussion for 30 minutes after the meeting  
*This is an opportunity to informally discuss issues*

Next Regular Meetings: No January 2011 Meeting

7:00 pm Tuesday, 15 February 2011  
Casa de la Vista, Treasure Island

No March 2011 Meeting

7:00 pm Tuesday, 19 April 2011  
Casa de la Vista, Treasure Island

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

Next Interim RAB Community Member Conference Call: **(Last Tuesday of pre-RAB month)**

**Tuesday**, 25 January 2011, 7:00 pm.  
Call-In Number: 1- 866-822-0121  
Participant Code: 1122026

(Note: This same number will be used for future conference calls)

Next BCT/RPM/Project Team Meeting: 10:00 am. **Wednesday** 5 January 2011, Tetra Tech EMI, **Oakland CA**

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



## BRAC Program Management Office



# Naval Station Treasure Island Property Transfer & FOST Update

Restoration Advisory Board  
December 21, 2010  
Presented by James B. Sullivan

1



## Property Transfer & FOST Update



- Property transfer (conveyance) of FOSTed property to the Treasure Island Development Authority (TIDA) has not yet occurred, but is expected to occur in phases beginning in the 2011/2012 timeframe.
- Portions of former Naval Station property have been previously transferred to the U.S. Department of Labor for the Job Corps Center on TI, to the U.S. Coast Guard on YBI, and by the Federal Highways Administration (FHWA) to Caltrans. The remaining Navy property will be transferred to TIDA.
- The Navy currently leases large portions of the remaining Navy property on TI and YBI to TIDA, and TIDA subleases property for housing, recreation, businesses, special events and other uses.

2



## Property Transfer & FOST Update



- Major actions required for initial property conveyance from Navy to TIDA:
  - Navy completion of 2010 FOST in early 2011
  - Navy completion of Amendment to 2006 FOSTs in 2011
  - TIDA completion of CEQA
  - Finalization of Conveyance Agreement (maps, deed, etc.)
  - Approval of final documents by Navy Headquarters and the San Francisco Board of Supervisors
  - Navy environmental milestones
    - Complete Building 233 Radiological Final Status Survey Report
    - Complete CERCLA Site 21 Final Record of Decision (ROD)
    - Conduct Remedial Action at Site 33 and complete Remedial Action Completion Report (RACR)

3



## Property Transfer & FOST Update



- Initial Property Conveyance will consist of:
  - 2006 Treasure Island and Yerba Buena Island FOSTs
  - 2010 FOST
    - Draft FOST issued September 28, 2010
    - Final FOST planned January 2011
  - Addendum to 2006 FOSTs
- No Early Transfers planned at this time
- Future additional FOSTs and property conveyances as environmental actions are completed and property becomes FOST-able. The overall schedule is in the Site Management Plan (SMP).
- Questions?

4

# Field Efforts Solid Waste Disposal Areas



December 21, 2010  
NAVSTA Treasure Island  
RAB Meeting

1

## SWDA A&B Look Ahead



### **Preliminary Final Status Survey Plan (Master Plan)**

(issued for final review to the Navy on 10/27/2010)

### **Building 1321 Hot Spot Removal**

(discussion with Navy and RASO to finalize, Shaw will incorporate comments and reissue to Navy for review)

### **Buildings 1123, 1319, and 1321 Work Instruction**

(issued for final review to the Navy 11/2/2010)

2

# Upcoming Work at Bigelow Court

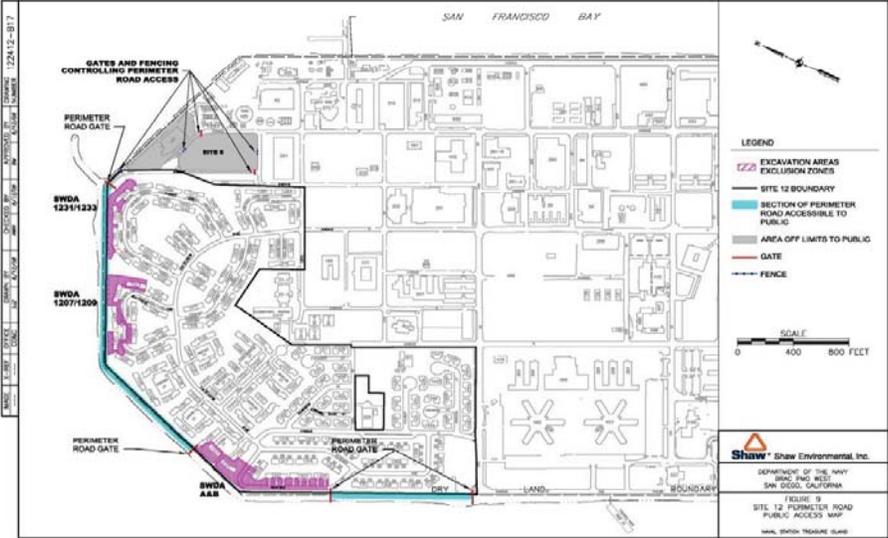


# Look Ahead Work at Bigelow Court



- **Internal Draft Work Plans**  
(were sent to the Navy on 11/19/2010)
- **Field Mobilization**  
(April, 2011)

# Perimeter Road Access



# Field Efforts Building 233



December 21, 2010  
NAVSTA Treasure Island  
RAB Meeting

1

## Building 233



- **Asbestos Work was completed on September 1.**
- **Radiological Scanning of the Outside of Building 233 has been Completed .**
- **Interior Scanning of the Building was Started on August 24<sup>th</sup> and was Completed on November 18<sup>th</sup>.**
- **Data Packages for each Room are Being Reviewed by the Navy Currently.**
- **Building demolition should begin Late-December.**
- **Final Status Survey Plan for Building 233 Footprint**  
(In Navy review)

2

# Work for Building 233



Scanning Room on the Interior of Building 233



Scanning of Light Ballasts Prior to Proper Disposal for Non-RAD

# Work for Building 233



Smoke Detectors will be Disposed of Low-Level RAD Waste



Lights Were Scanned/Smeared and Placed in Bundles of 3 for Proper Disposal as Non-RAD

## Work for Building 233



Area Identified for Removal the Area After the Removal of the Floor Boards. Floor Boards are Wrapped in Plastic, Labeled and Disposed of Low-Level RAD Waste.

5

## Work for Building 233



Removal of Elevated Area

Elevated material wrapped for Disposal as Low-Level RAD Waste, and Placed in a Bin.

6

## Work for Building 233



**Removal of Fixed Contamination in the Bathrooms**



**Room 101 Complete Floor Removed, Plastic Under the Room as a Barrier Between the Ground and the Open Floor**



# Naval Station Treasure Island

## Field Activities

December 21, 2010 RAB Meeting

1

## Site 21, 24, and 32



### Site 21, 24 and 32:

- Work Plans were sent out Draft for the Agencies to review on 11/18/2010.

### Site 21:

- Soil Gas sampling was completed on 11/19/2010.
- The locations will be made permanent for future TIDA use.
- The data is being reviewed by the Navy and will be sent out to the Agencies and RAB soon.

2

## Site 31 and 33 Steps Forward



- 1. Current scoped excavation limits have been completed for all 5 debris areas.**
- 2. Navy has awarded a new contract to complete Site 31 excavation as well as add Site 33 excavation areas.**
- 3. The Internal Work Plans were sent to the Navy, Shaw updated the document and sent it back to the Navy for RASO review on 11/18/2010.**

3

## Site 25 Steps Forward



- 1. Shaw has distributed the Final Sampling and Analysis Plan on September 29, 2010.**
- 2. An Addendum Plan, which includes Site 21 and Site 12 Arsenic was also out Final on 11/15/2010 prior to field work occurring.**
- 3. Shaw completed the Site 25 soil gas sampling on 11/18/2010.**
- 4. The Data is being Reviewed by the Navy and will be sent to the Agencies and RAB soon.**

4



## BRAC Program Management Office



# Naval Station Treasure Island Monitoring Well Decommissioning

Restoration Advisory Board  
December 2010  
Presented by David J. Clark

1



## Monitoring Well Decommissioning



- 40 inactive wells formerly used for groundwater monitoring throughout Treasure Island are planned for decommissioning in February – March 2011.
- The wells range in size from 1 to 4 inches in diameter, and 13 to 20 feet in depth.
- Wells are located in open areas and inside buildings at Building 180 and Sites 9, 10, 14/22, 25, D1B and D4B.
- Some older wells may be difficult to locate. If not all planned wells are located, the Navy will report these in the final report.

2



## Monitoring Well Decommissioning



- The wells will be decommissioned in accordance with
  - Requirements of the City and County of San Francisco Department of Public Health – Monitoring Well Section; and
  - California Department of Water Resources, Bulletin 74 Water Well Standards (74-90)
- A hollow-stem auger rig will be used to “overdrill” (drill out) the well and the borehole, including casing, filter and seal material.
- The borehole will be grouted from the bottom up to the surface to provide a proper seal.
- The waste will be consolidated on-site at TI, analyzed, characterized and disposed of properly at an off-site landfill.

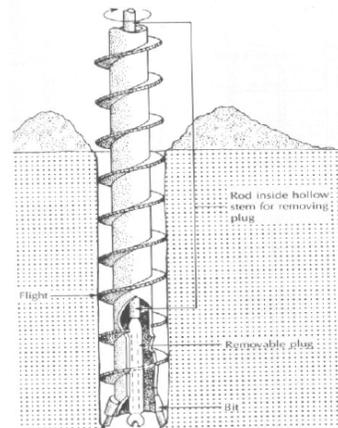
3



## Monitoring Well Decommissioning



- Hollow-Stem Auger Drilling Method



4



## Monitoring Well Decommissioning



### Monitoring Well Abandonment by “overdrilling” using a hollow-stem auger rig

- Surface completion (well protection box or pipe) will be removed.
- The casing will be pulled using a hydraulic winch. If the casing breaks off, the remainder will be drilled out.
- Auger will be sized to be 2 inches larger diameter than original well borehole.
- The auger will “drill out” the well material, including any remaining casing material, filter pack (sand) and well seal material (grout and bentonite).
- Well material will be brought up to the surface on the outside flight of the auger for disposal.
- The borehole will be grouted from the bottom up to the surface to provide a proper seal. A tremie pipe within the hollow stem will be kept within the grout as auger is pulled up, to eliminate voids.
- If grout settles during cure additional grout will be added at the top.



## Monitoring Well Decommissioning



Site	Site Description	No. Wells to be Decomm- issioned
25	Seaplane Maint. Area	4
Building 180	Former Air Hangar (part of original Site 25)	11
D1B	3 <sup>rd</sup> St. Site (Former Fuel Line Site)	2
D4B	Former Fuel Line Site	1
14/22	New Fuel Farm/ Service Station	13
9	Former Foundry	7
10	Former Bus Painting Shop	2



## Monitoring Well Decommissioning



7



## Monitoring Well Decommissioning



- Well 180C-MW3
- Well 10-MW03
- Well 29-MW1



8



## Monitoring Well Decommissioning



- SCHEDULE
  - Draft Work Plan (submitted 12/10/2010)
  - BCT Comments 1/11/2011
  - Final Work Plan 2/18/2011
  - Well Decommissioning 2/21/2011- 3/8/2011
  - Waste Characterization and Disposal 3/8/2011 – 6/6/2011
  - Completion Report 6/27/2011



## Questions?





## BRAC Program Management Office



# Sites 31 and 33 Explanation of Significant Differences

### Restoration Advisory Board Meeting

December 21, 2010

Presented by David J Clark

1



## Records of Decision



- Records of Decision support selection of remedial action at a site
- Documents all facts and site-specific policy determinations considered during the remedy decision process
- Flexible ROD allows for continual optimization without the need for a ROD modification
- Site 31 ROD signed on July 2009

2



## Changes to Records of Decision



### Making Changes to the ROD

- Potential changes to the ROD may be made through a ROD Amendment or Explanation of Significant Differences (ESD).
- Minor changes may be made through a memo to the RPM project file.
- ESD documents a significant modification in cleanup goals or approach, *without change to the overall remedy*.
- ROD amendment documents change in cleanup goals and approach to those detailed in the ROD *including a change in the overall remedy*.

3



## Path Forward for Sites 31 and 33



- Sites share risk assessments
- RI Completed in May 2010
- ESD for Site 31 ROD will expand excavation footprint (by approximately 4,000 square feet to a non-contiguous geographical area on Treasure Island
- Even Site 31 had separate excavation areas within the site boundary

4



## Path Forward for Sites 31 and 33



- Similar contaminant of concern (lead) in soil and cleanup levels.
  - Lead (const/commercial/industrial @ 800mg/kg)
  - Lead (residential @ 400 mg/kg)
  - Arsenic, unique to Site 33 (22 mg/kg)
- Same remedial action would be for Site 33 – Excavation with Off-Site Disposal
- Excavation will allow for unrestricted use of the property
- Draft ESD to agencies in January 2011
- Draft work plan to agencies in February 2011

5



## Sites 31 and 33 Explanation of Significant Differences



# Questions?

6



# BRAC Program Management Office



## Naval Station Treasure Island Site 28 ROD and ROD Status

Restoration Advisory Board  
December 21, 2010



# Site 28 ROD and ROD Status





## Site 28 ROD and ROD Status



- CERCLA Installation Restoration Site 28, West Side On-Off Ramps
  - No Further Action (NFA) Record of Decision (ROD) signed by the Navy on November 22, 2010, after signing by the Dept. of Toxic Substances Control (DTSC) and the Regional Water Quality Control Board San Francisco Bay Region (Water Board)
  - Proposed Plan Public Meeting held May 12, 2010
  - Proposed Plan (PP) issued April 29, 2010
  - Final Revised Remedial Investigation (RI) Report completed February 28, 2009

3



## Site 28 ROD and ROD Status



- ROD Status at Naval Station Treasure Island
  - CERCLA RODs completed and signed
    - NFA Site 13 Storm Water Outfalls/Offshore Sediments
    - NFA Site 9 Foundry and Site 10 Bus Painting Shop
    - Site 30 Daycare Center (IC)
    - Site 31 Former South Storage Yard (Soil Removal)
  - Sites 1, 3 and 7 were closed as NFA in additional Site Investigations (SI)
  - Sites 5 and 17 were merged with Site 24
  - CERCLA RODs to be completed in future
    - Sites 6, 12, 21, 24 and 32
  - Sites on YBI Caltrans property to be coordinated with Caltrans
    - Sites 8, 11 and 29

4

**Naval Station Treasure Island  
Environmental Cleanup Program  
Document Tracking Sheet  
December 2010 - June 2011**

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	DISC	Water Board	EPA	TIDA	RAB							OTHER	Priority Level	
<b>Shaw Group</b>																				
1	Site 32 Post Construction Summary Report for PCBs in Soil RPM: Danielle Janda PM: Pete Bourgeois	FZN1	5/11/10, 10/31/10	✓ ✓	01/02/10	01/05/10	02/02/11								NA	NA	02/23/11	03/09/11	03/23/11	
2	Battery Site Technical Memorandum RPM: Scott Anderson PM: Pete Bourgeois	005	09/30/10	✓	10/29/10	✓	11/01/10	✓			✓				TBD	TBD	TBD	TBD	12/23/10	Preliminary schedule, looking to expedite.
3	Building 233 Final Status Survey Work Plan RPM: Anthony Konzen PM: Pete Bourgeois	010	8/31/10, 9/30/10, 10/11/10	✓ ✓	11/25/10		12/13/10	01/10/11							02/09/11	NA	02/19/11	03/05/11	03/19/11	
4	Site 21 Treatability Study Report RPM: Danielle Janda PM: Pete Bourgeois	FZN1	09/29/10	✓	11/10/10	✓	11/18/10	✓			✓				01/15/11	NA	01/29/11	02/12/11	02/26/11	
5	Site 24 Treatability Study Report RPM: Danielle Janda PM: Pete Bourgeois	FZN1	02/04/11		02/18/11		02/25/11	03/27/11							04/24/11	TBD	05/28/11	06/11/11	06/25/11	
6	Sites 21, 24, and 32 Groundwater Monitoring SAP RPM: Danielle Janda PM: Pete Bourgeois	002/005	10/29/10	✓	11/12/10	✓	11/18/10	✓	12/18/10	✓		✓		✓	01/15/11	NA	02/05/11	02/19/11	03/05/11	
7	Site 25 Soil Gas Sampling Investigation Report RPM: Scott Anderson PM: Neil Hey	FZN1	01/21/11		01/28/11		02/11/11	03/13/11							TBD	TBD	03/27/11	04/03/11	04/17/11	
8	Site 12 Final Status Survey Plan (Master) RPM: Anthony Konzen PM: Pete Bourgeois	010	8/11/10, 10/27/10	✓ ✓	12/23/10		12/30/10	02/28/11							04/29/11	TBD	05/09/11	05/23/11	06/06/11	
9	Site 31/33 Remedial Action Work Plan (RAWP) RPM: Lora Battaglia PM: Pete Bourgeois	FZN9	10/15/10* 11/22/10**	✓ ✓	01/28/11**		02/11/11	03/11/11							NA	NA	04/13/11	04/27/11	05/11/11	* Navy technical review ** Navy RASO review
10	Site 12 Bigelow Court NTCRA Work Plan RPM: Anthony Konzen PM: Pete Bourgeois	FZN9	11/22/10, 12/23/10	✓	12/14/10, 02/11/11		02/25/11	03/25/11							TBD	TBD	04/08/11	04/18/11	04/28/11	
11	Site 24 PP/RAP RPM: Danielle Janda PM: Jean Michaels	083	12/30/10* 2/12/11**		01/29/11* 3/14/11**		03/28/11	04/27/11							05/25/11	TBD	06/25/11	07/05/11	07/19/11	* Navy technical review ** Navy legal review
12	Site 29 Boundary Change Letter RPM: Scott Anderson PM: Marcie Rash	FZN6	4/27/10* 6/8/10**	✓ ✓	5/4/10* 7/9/10**	✓	07/13/10	✓	07/30/10	✓	X	X	✓	✓	NA	NA	12/08/10	12/15/10	12/22/10	Comments received from Caltrans 8/6/10

**Naval Station Treasure Island  
Environmental Cleanup Program  
Document Tracking Sheet  
December 2010 - June 2011**

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	DISC	Water Board	EPA	TIDA	RAB							OTHER	Priority Level								
<b>Tetra Tech EM Inc.</b>																											
13	<b>2010 Finding of Suitability to Transfer (FOST)</b> RPM: Scott Anderson PM: Marcie Rash	039	08/09/10	✓	09/02/10	✓	09/28/10	✓	11/03/10	✓	✓	✓	✓	✓	✓	✓	12/08/10	✓	12/16/10	01/07/11	01/11/11	01/15/11	Comments from DTSC (10/26), EPA (11/1), WB (11/8), City (11/2)				
14	<b>Island Times Newsletter #17</b> RPM: Jim Sullivan PM: Marcie Rash	FZNG6	08/31/10	✓	01/07/11		01/12/11		02/02/11								NA	NA	02/12/11	02/19/11	03/08/11						
15	<b>Site 33 Explanation of Significant Differences (ESD)</b> RPM: Lora Battaglia PM: Jean Michaels	489	09/30/10* 11/08/10**	✓ ✓	10/25/10* 12/16/10**	✓ ✓	01/03/11		02/02/11								03/02/11	03/16/11	04/01/11	04/11/11	04/25/11	* Navy technical review ** Navy legal review					
16	<b>FOST Addendum (to 2006 TI/YBI documents)</b> RPM: Scott Anderson PM: Marcie Rash	039	TBD		TBD		TBD		TBD								TBD	TBD	TBD	TBD	TBD	TBD					
<b>Chadux Tetra Tech</b>																											
17	<b>Site 12 RI Report</b> RPM: Tony Konzen PM: Yohji Ono	049	01/24/11		03/25/11		04/24/11		05/24/11								06/21/11	TBD	07/21/11	07/31/11	08/14/11						
18	<b>Site 21 PP/RAP</b> RPM: Danielle Janda PM: Jean Michaels	083	4/9/10* 5/20/10**	✓ ✓	5/9/10* 11/12/10**	✓ ✓	12/16/10	✓	01/15/11								02/12/11	TBD	03/14/11	03/25/11	04/08/11	* Navy technical review ** Navy legal review					
19	<b>Site 27 PP/RAP</b> RPM: Lora Battaglia PM: Katie Henry	084	11/10/10* 1/12/11**	✓	12/29/10* 1/27/11**	✓	02/10/11		03/12/11								04/09/11	04/23/11	05/09/11	05/19/11	06/02/11	* Navy technical review ** Navy legal review					
20	<b>Well Removal Work Plan</b> RPM: Tony Konzen PM: Yohji Ono	044	10/22/10 11/19/10	✓ ✓	11/04/10 11/29/10	✓ ✓	12/10/10	✓	01/11/11		✓						TBD	TBD	01/28/11	02/11/11	02/25/11						
<b>Trevet</b>																											
21	<b>Site 30 2010 LUC Inspection and Reporting</b> RPM: Scott Anderson PM: Greg Alyanakian	9002	12/15/10		12/29/10		01/12/11		02/11/11								02/18/11	NA	02/18/11	02/21/11	02/25/11						
	<b>Site 30 LUC/Remedial Design Work Plan</b> RPM: Scott Anderson PM: Greg Alyanakian	9002	4/20/09* 6/11/09**	✓ ✓	05/01/09* 7/11/09**	✓ ✓	03/03/10	✓	05/21/10	✓	✓	✓	✓	✓			08/06/10	✓	08/13/10	✓	08/27/10	✓	09/17/10	✓	12/02/10	✓	Cmts rcvd from Arcadis (behalf of TICD).
	<b>2009 Sites 6 &amp; 12 Annual Groundwater Sampling Report</b> RPM: Tony Konzen PM: Greg Alyanakian	9002	04/05/10	✓	06/02/10	✓	06/28/10	✓	08/11/10	✓	✓	X	✓				09/30/10	✓	NA	10/07/10	✓	10/14/10	✓	10/21/10	✓		

**Naval Station Treasure Island  
Environmental Cleanup Program  
Document Tracking Sheet  
December 2010 - June 2011**

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			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	RAB							OTHER
<b>Sullivan Consulting Group</b>																		
	<b>Site 28 ROD/RAP</b>		5/11/10*	5/25/10*	07/21/10	08/23/10							10/13/10	10/27/10	11/03/10	11/10/10	11/22/10	* Navy technical review ** Navy legal review
	RPM: Tony Konzen	:	6/18/10**	7/2/10**														
	PM: Mehrdad Javaherian																	
<b>ERRG</b>																		
22	<b>Site 6 RI/FS Report</b>		03/09/11	04/09/11	04/23/11	05/23/11							06/20/11	TBD	07/20/11	07/30/11	08/13/11	
	RPM: Tony Konzen	:																
	PM: Phil Skorge																	

Abbreviations:

✓ Production or review of document is complete.

X Received notification of no comments or comments deferred to other agency.

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.

Bldg = Building

Caltrans = California Department of Transportation

CTO = Contract task order

DHS = Department of Health Services

DO = Delivery order

DTSC = Department of Toxic Substances Control

EU = Exposure unit

HERD = Human Ecological Risk Division

HSP = Health and safety plan

LUC = Land use covenant

NA = Not applicable

PCB = Polychlorinated biphenyls

PM = Project manager

PP = Proposed plan

RAP = Remedial action plan

RASO = Radiological Affairs Support Office

RI = Remedial investigation

ROD = Record of decision

RPM = Remedial project manager

SAP = Sampling and analysis plan

TBD = To be determined

TIDA = Treasure Island Development Authority

Water Board = Regional Water Quality Control Board

**Naval Station Treasure Island  
Navy Field Schedule  
December 2010 - June 2011**

Item	Activity & Investigation Area	DTS #	Field Dates		Navy RPM	CTO/DO	Project Manager	Field Team Lead	Complete
<b>Shaw</b>									
	Site 24 Treatability Study Phase II <i>Site 24</i>	Doc NA	Start: Finish:	07/21/08 11/01/10	Danielle Janda (619) 532-0796	FZN1	Pete Bourgeois (415) 277-6983	David Cacciatore (925) 288-2299	✓
1	Non-Time Critical Removal Action <i>Site 12</i>	Doc NA	Start: Finish:	02/26/07 TBD	Tony Konzen (619) 532-0924	010	Pete Bourgeois (415) 277-6983	Pete Bourgeois (415) 277-6983	
2	Arsenic in Groundwater Pilot Study <i>Site 12</i>	Doc NA	Start: Finish:	11/10/08 TBD	Scott Anderson (619) 532-0938	FZN1	Pete Bourgeois (415) 277-6983	Pete Bourgeois (415) 277-6983	
3	Site 31 Remedial Action <i>Site 31</i>	Doc 9	Start: Finish:	TBD TBD	Lora Battaglia (619) 532-0968	FZN9	Pete Bourgeois (415) 277-6983	Pete Bourgeois (415) 277-6983	
4	Building 233 Screening and Demolition <i>Building 233</i>	Doc NA	Start: Finish:	07/26/10 TBD	Tony Konzen (619) 532-0924	010	Pete Bourgeois (415) 277-6983	Pete Bourgeois (415) 277-6983	
5	Sites 21, 24, & 32 Groundwater Sampling <i>Sites 21, 24, &amp; 32</i>	Doc 6	Start: Finish:	01/10/11 TBD	Danielle Janda (619) 532-0796	002/ 005	Pete Bourgeois (415) 277-6983	Pete Bourgeois (415) 277-6983	
6	Site 25 Soil Gas Sampling <i>Site 25</i>	Doc NA	Start: Finish:	11/03/10 TBD	Scott Anderson (619) 532-0938	FZN1	Pete Bourgeois (415) 277-6983	Pete Bourgeois (415) 277-6983	
<b>Trevet</b>									
	Sites 12 & 6 Groundwater Sampling <i>Sites 12 &amp; 6</i>	Doc NA	Start: Finish:	12/05/10 12/08/10	Tony Konzen (619) 532-0924	9002	Greg Alyanakian (858) 869-3110	Greg Alyanakian (858) 869-3110	✓
7	Site 30 LUC Inspection <i>Site 30</i>	Doc 21	Start: Finish:	TBD TBD	Scott Anderson (619) 532-0938	9002	Greg Alyanakian (858) 869-3110	Greg Alyanakian (858) 869-3110	
<b>EMS</b>									
8	Site 12 Removal Action Soil Sampling <i>Site 12</i>	Doc NA	Start: Finish:	12/05/07 TBD	Tony Konzen (619) 532-0924	NA	Dawn Roarty (916) 919-4785	Salem Attiga (925) 939-0687	

Abbreviations:

- CTO/DO Contract task order/delivery order
- DTS # The number listed corresponds to the associated documentation listed on the Document Tracking Sheet.
- NA Not applicable, there is no associated documentation listed on the DTS.
- LUC Land use covenant
- RPM Remedial project manager
- TBD To be determined

✓ 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.