



FINAL

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

Meeting #150

19 OCTOBER 2010

Community Restoration Advisory Board (RAB) Members in attendance:

Nathan Brennan, John Gee, Alice Pilram, Dale Smith

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

James Sullivan (Navy)

Other Navy and Regulatory Staff and Consultant Representatives in attendance:

Scott Anderson (Navy)

Jessica Beck (Tetra Tech EM Inc. [Tetra Tech])

Pete Bourgeois (Shaw Environment and Infrastructure [Shaw])

David Clark, (Navy)

Tony Konzen (Navy)

Campbell Merrifield (Trevet Inc.)

Marcie Rash (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). Mr. Sullivan noted the meeting handouts were available on the back table, including copies of the agenda ([Attachment A.](#))

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 are also encouraged to ask questions or make comments at any time during the meeting.

Mr. Sullivan announced that the Shaw TI team received a safety award for 4,000 calendar days without a lost time incident. He noted that is an impressive achievement, accomplished under the leadership of Pete Bourgeois (Shaw), and illustrates the emphasis on safety by the Shaw team.

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). He noted there is a presentation, but no hard copies of the presentation. There are two hardcopy maps available as part of this presentation, Figure 4 from the FOST ([Attachment B](#)), and Figure 5 from the FOST ([Attachment C](#)). He said the presentation will be attached to the minutes from this meeting when they are finalized ([Attachment K](#)). He noted final RAB minutes are also put on the Navy's website, and all final minutes from 2005 through the present are posted. Dale Smith (RAB member) asked for a copy of the presentation before the minutes are finalized. She also noted there was no handout of the transfer presentation from the August RAB meeting and asked to receive that as well. It was decided that the August and October presentations will be emailed to the RAB members as a pdf file after this meeting.

Mr. Sullivan said Speaker of the House Nancy Pelosi, Navy Secretary Ray Mabus, and Mayor of San Francisco Gavin Newsom had signed an endorsement agreement on August 17, 2010 at a ceremony on TI. Property transfer (conveyance) has not yet occurred; it will occur in phases pending completion of the City's California Environmental Quality Act (CEQA) process and other environmental actions.

Mr. Sullivan reviewed the current status of the property. The Naval Station was disestablished on September 30, 1997, and the Navy's formal military mission ended on that date. Since that time, NAVSTA TI has been in caretaker status, and there is a Navy caretaker office located at Building 1 on TI. Portions of NAVSTA TI have already been transferred. The area that is the Job Corps was transferred to the U.S. Department of Labor. Some property on YBI was transferred to the Coast Guard, and some property was transferred by the Federal Highway Administration (FHWA) to the California Department of Transportation (Caltrans) for the existing and new Bay Bridge structures. The remainder of the NAVSTA TI property will be transferred to the Treasure Island Development Authority (TIDA).

Currently, TIDA operates TI and YBI under a cooperative agreement with the Navy. TIDA provides police and fire protection, and public works and utilities services. The Navy leases portions of the remaining Navy property to TIDA, and TIDA subleases that property to others for housing, recreation, businesses and special events. The Navy will do an initial property conveyance of some of the property, and then a follow-on conveyance. The property will not be transferred to TIDA all at once.

In order to complete the initial conveyance, the Navy must complete the 2010 FOST document. He noted that document was recently issued as a draft and the RAB members were sent a copy. He explained the City must also complete their CEQA process, so they have prepared a Draft Environmental Impact Report (EIR) that was issued for public comment. He noted the public comment period for the EIR is closed and the City is evaluating and responding to comments. The Navy must also prepare the Final Economic Development Conveyance Agreement (EDC). The endorsement ceremony held on August 17th endorsed the overall terms of the EDC. However, all of the details for the EDC must be prepared, including maps and real estate documents. That final package must be approved by the Navy headquarters and by the San Francisco Board of Supervisors.

In addition to the real estate documents, there are some environmental milestones the Navy must meet. The items that the Navy has committed to complete prior to the initial conveyance include:

1) Completing the Building 233 Final Status Survey Report – this will take several steps to complete including finalizing the work plan, performing the field work, and completing the report.

2) Completing the Site 21 final Record of Decision (ROD) – the Navy will not finalize the actual cleanup of this site because there is groundwater contamination that will take a number of years to finalize. However, the Navy will complete the ROD, which documents what the final remedy will be.

3) Conduct the remedial action and Remedial Action Completion Report (RACR) for Site 33 – the Remedial Investigation (RI) for Site 33 is done, and typically a Feasibility Study (FS) would follow along with a Proposed Plan and a ROD. The Navy strategized with the City and the BRAC Cleanup Team (BCT) to complete Site 33 so the City can use it for their initial development. Since Site 33 is similar in nature to Site 31, which has a signed ROD, the Navy will use the Site 31 ROD for Site 33 as well, and include an Explanation of Significant Differences (ESD). The Navy hopes to do the remedial action field work at Site 33 in 2011, and then write the RACR after that.

Ms. Smith asked if Site 33 is a petroleum site. Mr. Sullivan stated it is not; the source material for contamination is debris.

4) Revise the boundary for Site 27 Clipper Cove – part of the boundary for this off-shore site extends onto land, and that will be adjusted so the whole site is offshore. The City will have access to the shoreline sooner if the boundary is changed.

Mr. Sullivan stated those are the commitments the Navy has made in order for the initial conveyance of land to occur in late 2011. Another part of the initial conveyance is preparation of the FOST, which was issued draft on September 28th. Comments are due by October 27th. There will also be an addendum to the 2006 FOSTs because there have been additional actions completed within the footprint of the property since those FOSTs were finalized. Mr. Sullivan explained there were two FOST documents completed in 2006, one for TI and one for YBI, but there will only be one addendum document to cover both FOSTs. The additional work done in the FOST footprint includes encapsulation of electrical vault areas to address PCBs. Mr. Anderson stated that new information regarding Site 25 will also be included in the addendum.

Ms. Smith asked if there is a timeline for the addendum. Mr. Anderson stated there is no specific timeline yet, but it must be completed before transfer. The expected timeframe for completion is sometime in the middle of next year, perhaps in the spring.

Mr. Sullivan stated there are no plans for an early transfer. There will be future additional FOST documents as environmental actions are completed and property becomes ready for FOST. The schedule for completion of environmental actions is presented in the Site Management Plan (SMP) document, which will be finalized later this month.

Ms. Smith stated she has several FOST documents from 2006, and asked if those are now being replaced by the new FOST that is coming out. Mr. Sullivan stated there were only two FOST documents in 2006, so the other copies Ms. Smith has may be earlier drafts and she should only keep the final. They are not being superceded by the 2010 FOST. The overall FOST package will include a total of four documents: the two 2006 FOSTs, the one addendum to those, and the 2010 FOST, which is currently being reviewed.

Ms. Smith noted on page 2 of the 2010 FOST, discussing Parcel 4, there is a discussion about the transformer and switch box. The way it is written leaves the impression that the land around those items will be transferred, but that the Navy will retain the transformer and switch box. She asked if the whole parcel is being transferred. Mr. Sullivan stated that the whole parcel is being transferred, and the intent was not to imply the Navy would retain those items. Mr. Anderson stated he would note the comment and adjust the language in the FOST to clarify that the referenced parcel including the transformer and switch box will be transferred.

Ms. Smith stated she has additional questions about transfer, but not directly related to the FOST. She asked how the regulators will track institutional controls (IC), land use covenants (LUC) and engineering controls (EC). Mr.

Anderson stated once the FOST is signed, but prior to transfer, there will be language included in the deed about such restrictions, and the regulatory agencies will review that language. Ms. Smith stated people may try to do something that is prohibited by their deed, such as digging in their backyard, and she would like to know how the regulatory agencies will address that. She asked if there is any type of superstructure proposed by the regulatory agencies to monitor and enforce environmental deed restrictions. Mr. Sullivan stated the state of California does have a system to monitor and enforce ICs, and that he will get more information about it. He stated he will have more information about it at the next RAB meeting, in December.

Ms. Smith also asked for the definition of a CRUP, a term used in the FOST, and whether it is an IC, an EC, or something else. Dave Clark (Navy) stated it stands for covenant to restrict the use of property. LUC is synonymous with CRUP, and CRUP is considered the proper term, but LUC is a more common term. A CRUP (or a LUC) contains ICs and ECs. Ms. Smith stated she did not have any further questions or comments about the FOST and stated it is a clear, concise document.

Mr. Sullivan reminded the RAB that the Navy will be taking comments on the FOST through October 27, 2010. Mr. Anderson referred to the figure that was handed out ([Attachment B](#)) and noted there will be one change in the Final FOST. Site 30 is shown in the figure in the dark gold color, indicating it will be covered in this FOST. However, because of the short timeline to complete the FOST, the Navy will not be able to get the Site 30 property through the CERCLA process in time for the FOST to be finalized. There are some other sites on the map that are still going through the CERCLA process, such as Site 28, but they should be complete before the FOST is finalized and will not likely be removed from this document. Tony Konzen (Navy) stated that the Site 28 No Further Action ROD has been reviewed by the regulatory agencies and the Navy is finalizing their comments and the document.

Ms. Smith asked if Site 25 will be ready to include in the Final FOST. Mr. Anderson stated it will; however, it remains to be determined whether there will be any restrictions on reuse at the site. The Navy is collecting additional soil gas samples. Based on the results of those soil gas samples, the Water Board may want restrictions, but either way the site will be closed.

Ms. Smith asked why, according to the figure, the area around Building 233 is not covered in this FOST. Mr. Sullivan stated the final status survey for Building 233 will also include the area around the building. He noted the BCT asked if the area around the building needs to be as large as it is, and the Navy is currently looking into that issue. The answer in part is that the FOST is made up of Environmental Baseline Survey (EBS) parcels, which are fairly small in size, and

the Navy tried to keep those boundaries. So if part of an EBS parcel is not ready for this FOST then none of that EBS parcel will transfer.

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 D](#)). Mr. Bourgeois stated the Shaw team has not done any field work at Westside Drive for some time, and the map of progress is the same map that was shown to the RAB in August. Most of Westside Drive has been excavated to a depth of 4 feet, some to a depth of 5 feet. Currently the team is waiting for comments on several documents and is in the process of producing other documents that must be approved before Shaw can resume field work.

Mr. Bourgeois stated the next phase of work will be radiologically scanning the three buildings that will be demolished: Buildings 1123, 1319, and 1321. After the demolition Shaw and the Navy will determine the plan for excavation of the area.

Mr. Bourgeois stated most of the current field work efforts have been at Building 233. As mentioned earlier, this is a critical location for property transfer. The Shaw team has been addressing the radiological issues at that building.

Shaw recently received Navy comments on the Site 12 Final Status Survey Master Plan, and they are addressing those comments and will resubmit the document to the Navy. Shaw also submitted the Building 1321 Hot Spot Removal document to the Navy for review. In addition, Shaw is currently addressing Navy comments on the Work Instruction for Buildings 1123, 1319, and 1321; that work instruction is to scan those buildings prior to demolition.

Mr. Bourgeois stated Shaw was recently awarded a contract to conduct upcoming work at Bigelow Court. The contaminants of concern at the site are lead, polychlorinated biphenyls (PCB), and polycyclic aromatic hydrocarbons (PAH). He showed a map of the proposed excavation for the site (slide 4) and stated the areas in yellow will be excavated to a depth of 2 feet, and areas in brown will be excavated to a depth of 4 feet. He said Buildings 1101 and 1103, shown in a hashed pattern on the figure, will be demolished, and the soil underneath will also be excavated. The internal draft work plans will be submitted to the Navy on November 8 and the team will mobilize to begin field work sometime in March of 2011.

Mr. Sullivan stated Bigelow Court had been included in the Action Memo for the ongoing non-time critical removal action (NTCRA) in the SWDAs. However, the Navy decided not to include it in the fieldwork because they had plans to do

some work adjacent to Bigelow Court, at Halyburton Court, and planned to do that work at the same time. Since currently there is no plan for Halyburton Court, the Navy is moving forward with Bigelow Court. He stated there may be a future action at Halyburton Court.

Ms. Smith asked where Bigelow Court is in relation to Halyburton Court, and Mr. Bourgeois pointed it out on the map. Mr. Bourgeois stated Halyburton Court has been fenced off to prevent public access since 2000.

Ms. Smith asked if the team knows where the contamination is from and if Bigelow Court was a dump site. Mr. Bourgeois stated that they did not find debris during a previous investigation. However, there are issues with lead, PAHs, and PCBs. Mr. Bourgeois stated the PCBs may be from old transformers that were stored in the area. And lead could be related to paint from the buildings or from general construction rubble.

Mr. Bourgeois also gave an update on the Perimeter Path access, and showed a map of the current access, on slide 6. He noted most of Perimeter Road is open to the public, with the exception of the area adjacent to the Westside Drive SWDA, and the area adjacent to Site 6 and Building 461. He added that Shaw and the Navy will continue to let the community know which areas of the Perimeter Path are not accessible.

Site 12 Human Health Risk Assessment Technical Memorandum

Mr. Sullivan introduced Tony Konzen (Navy) as the project manager for the human health risk assessment (HHRA) technical memorandum, and Marcie Rash (Tetra Tech) to give an update on the HHRA technical memorandum.

Ms. Rash stated her presentation ([Attachment E](#)) is an update to the presentation given at the August RAB meeting. There were some specific questions asked during that meeting that her presentation will address. Ms. Rash stated the purpose of the technical memorandum is to determine whether the Navy should collect additional samples in backyards within Site 12. Site 12 has unique conditions, and has been divided into 19 exposure units (EU) and six areas of interest (AOI). Based on the risk assessment, the technical memorandum does not recommend additional backyard sampling.

Ms. Rash reviewed the methodology for identifying the EUs. The BCT previously provided feedback that they had concerns with evaluating the site as a whole. The Navy and Tetra Tech created 19 EUs based on various boundaries such as roadways and buildings. Mr. Sullivan added that the regulatory agencies collaborated with the Navy to designate the EU areas.

Human health risk calculations were prepared following EPA guidance, which was to make sure all viable data collected in the area were used, and to make

sure the estimates are reasonable and not underestimated. The risk results were estimated using either the maximum detected concentration or a 95 percent upper confidence limit (95% UCL) concentration that was statistically calculated and assumes that a receptor would be exposed to that 95% UCL concentration, or lower, over a lifetime. Ms. Rash added that the sampling was biased towards areas where potential high concentrations were expected. Ms. Rash stated that, with the exception of the AOIs, there seems to be a relatively consistent distribution of contamination across the EUs. In addition, the risk estimates assumed a reasonable maximum exposure for a resident including 24 hours per day, 350 days per year, for 30 years. These are all things that helped build layers of conservatism into the risk estimates.

Ms. Rash stated that Ms. Smith had previously expressed a concern about chemical load and potential dilution or reducing the chemical load by dividing the areas into EUs. Ms. Rash explained that is not typically the case; that exposure is assumed to be the same throughout an EU. All analytical data was used within each EU to develop a representative concentration for the EU. Then, that concentration was applied to the entire EU.

Mr. Brennan asked a question at the previous meeting about the effect of going from one EU to another, and if a synergistic effect had been considered. Ms. Rash stated that information will be looked at more in the Remedial Investigation (RI) report for Site 12. This HHRA technical memorandum will be used to prepare that RI. The toxicologist will attend the RAB and present that information when the draft RI is going to be issued for comment.

Ms. Rash added that if a particular EU is found to have high concentrations, that information can help with the remedial decisions for the site. The risk assessment in the RI will look at five exposure scenarios: 1) current resident, 2) future resident, 3) future commercial/industrial worker, 4) future construction worker, and 5) future recreational user. Within those, there are four types of risk being evaluated for each scenario: 1) total, 2) site-related, 3) ambient, and 4) incremental. And each of those are being evaluated against both state and federal guidelines.

Ms. Smith asked which of the five scenarios would have the highest exposure. She noted that a commercial worker might be present almost as much time as a resident. Ms. Rash stated she does not know the exact amount of time a worker is estimated to spend at a site for calculation purposes, but she will ask the toxicologist and send Ms. Smith the answer. Mr. Anderson added that a recreational user is evaluated similarly to a residential user because the evaluation includes a child exposure scenario, such as a park setting.

John Gee (RAB member) asked what is the difference between a current residential user and a future residential user. Jessica Beck (Tetra Tech) stated current exposure considers surface soil, perhaps 0-2 feet below ground surface. Future residential user assumes some of the deeper soil comes to the surface in the future, so that scenario considers concentrations in the 0-10 foot depth range.

Ms. Rash reviewed the path forward for the technical memorandum. The document was issued as final on August 28, 2010. All comments and questions on the document will be addressed in the RI, which will be issued draft next spring. When that report is issued, another presentation will be given to the RAB. That RI report will include a full risk assessment, meaning not just soil but also soil gas and groundwater data.

Ms. Smith asked if lead is a concern at Site 12. Ms. Rash stated it is, and metals have been a concern within the site. Ms. Smith stated the World Health Organization has stated that lead should be evaluated at the 99th upper confidence limit, rather than the 95th. Ms. Rash stated she understands lead is evaluated differently than other metals, and stated she will look into that and get back to Ms. Smith.

Ms. Smith noted she did not provide comments on the HHRA technical memorandum because it is a final document and it was only received on compact disc. Ms. Rash stated the document itself is only 10 pages long, but there are numerous large risk tables, which is why the document is on CD. She stated comments are accepted and encouraged. Rather than incorporating comments into a revised technical memorandum, all comments will be incorporated into the RI report.

Field Activities Update, Sites 6, 21, 24, 25, 31, and Site 12 Arsenic Study

Mr. Bourgeois began the field activities update, which covers many sites. He noted there are two figures available as handouts, one for Site 21 ([Attachment F](#)) and one for Site 25 ([Attachment G](#)). Mr. Bourgeois stated Shaw will be testing soil gas at two locations at Site 25 to determine whether the site will need ICs. He noted they will be using a mobile laboratory at the site so they can collect real-time data.

Mr. Bourgeois reviewed the figure of Site 21, and stated the circles numbered one through eight are the locations where Shaw will be collecting soil gas samples. They will push rods into the ground to collect the samples, and also use the mobile laboratory to test those samples to get real-time results.

Mr. Bourgeois stated that the red plus symbols on the Site 25 figure are the locations where Shaw will be collecting initial samples. The yellow and green plus symbols are possible step-out locations, which may be sampled depending

on the results from the initial samples. Mr. Anderson stated the initial sample locations (red symbols) will be tested at a depth of 5 feet, and then the first step-outs (yellow symbols), if collected, will be at a depth of 3 feet. Then if necessary, the green symbol locations will be sampled at whatever depth and in whatever exact location makes sense, based on the results of the previous two samples. So the depth for the third series of sampling locations may vary. Mr. Bourgeois stated the work at Site 25 will begin the week after this meeting, and the work at Site 21 will begin in two weeks.

Mr. Bourgeois moved on to an update at Site 24. He stated Shaw is currently conducting the final round of groundwater sampling for which they have a contract in place. There are 55 well locations, and the samples should be collected by next week. After the data is available and reviewed, it will be summarized in a presentation to the RAB. He noted there is another contract in place now, so there will be another year of groundwater monitoring at the site. Mr. Anderson stated the current groundwater data that is being collected will be incorporated into the treatability study report for Site 24.

Mr. Bourgeois stated Shaw has prepared a final field activity report for Site 21, and it is currently being reviewed by the Navy. The report should be issued draft and available to the RAB within the next month.

Ms. Smith noted that Mr. Bourgeois stated Site 25 has groundwater occurring at a certain level because of irrigation. She asked where the irrigation water would be coming from, since the whole area is paved. She asked if there is water by the Nimitz Center and the ball fields that is impacting the level of the groundwater. Mr. Bourgeois stated the Gaelic field is in that area, and with the irrigation there they have seen a rise in the groundwater. That will be noted in the document, however, they do not believe it will impact the environmental conditions or the work at Site 25.

Mr. Konzen gave the update on Site 6. He stated the field team spent three weeks collecting samples, and that data gap investigation field work is now complete. The work consisted of some potholing with a backhoe and installation of some temporary wells. The contaminants of concern at the site are dioxins, metals, and some petroleum products, all related to the fire training school that was formerly at the site. Now the team is awaiting the analytical data, and that data will be incorporated into an RI/FS that will be issued draft in spring 2011. Mr. Konzen stated that some preliminary data may be ready to present to the RAB by the December meeting.

Ms. Smith asked if the Navy is investigating for furans, because it has been mentioned as a contaminant of concern before. Mr. Konzen stated the Navy will be testing for furans or its constituents.

Mr. Bourgeois gave a brief update on the Site 12 arsenic study. He noted some soil gas samples had been collected and that data is being reviewed. An addendum to the work plan for the site will be prepared, and that will detail the additional soil gas sampling locations. The work will be similar to the soil gas sampling at Sites 21 and 25. Mr. Bourgeois stated the soil gas analysis will help Shaw and the Navy determine the steps forward. Ms. Smith asked if the steps forward will include dealing with the petroleum before addressing the arsenic. Mr. Bourgeois stated that is correct. They would like to address both at the same time, but generally the petroleum has to be addressed first.

Building 233 Demolition and Draft Final Status Survey Workplan

Mr. Bourgeois gave an update on the Building 233 field efforts ([Attachment H](#)). Mr. Bourgeois said Building 233 is the old radiological training school, and this project has been the bulk of the field work that Shaw has been doing for the past two months. The asbestos work was completed on September 1st. The radiological scanning of the outside of the building has also been completed and the data is being reviewed by the Navy. The scanning of the inside of the building began on August 24th and will be completed by late October. Hopefully the demolition can begin in mid to early November, however the Navy must review all the data from the scans first.

Mr. Bourgeois stated the Final Status Survey plan for the footprint of Building 233 is being updated with Navy comments. It will then be issued draft to the regulatory agencies and the RAB members either in late 2010 or early 2011. Mr. Bourgeois reviewed photographs in the presentation, including workers removing the roof tiles, which had non-friable asbestos but still needed to be removed. He also showed photographs of the scanning process. Every single wall, floor, and ceiling has a grid on it and scans are conducted over 100 percent of the grid for the first 6 feet, then 50 percent of the surface higher than that, then 10 percent of the ceiling is scanned. He noted it is a tedious project, but necessary to verify whether there are any radiological impacts.

Ms. Smith asked what would happen if a new wall had been built over a wall that was already there when the building was a radiological training facility. Mr. Bourgeois said that areas with elevated levels are marked. Then it is determined whether it makes sense to cut into them to remove material until there are no further detections, or whether a whole area is removed. For example, one entire door was removed from its hinges and disposed of as low-level radiological waste because that is easier and more appropriate than cutting the door into pieces.

Specifically regarding sheetrock, there were instances where the Navy put a new layer of sheetrock over an old layer, after the 1950 spill of radiological material in that building. Shaw will remove the extra layer of sheetrock and then scan the

original sheetrock behind it. If nothing is detected, it will be disposed of when the building is demolished. If radium 226 is detected, then it will be wrapped up and disposed of as low-level radiological waste.

Mr. Bourgeois stated that in the eastern stairwell the area is being wrapped in plastic and workers will be using respirators because of dust issues in the specific area. In locations with elevated readings due to dust or particulate matter they will be using a HEPA vacuum when needed to clean under the baseboards once those areas have been removed. Mr. Bourgeois stated the Navy and Shaw have made investigation and cleanup of Building 233 a top priority because that property is an important part of the first phase of transfer.

Upcoming Documents and Field Schedule

Documents

Mr. Sullivan introduced Ms. Beck to review the Document Tracking Sheet (DTS, [Attachment I](#)) and the Field Schedule Sheet ([Attachment J](#)). Ms. Beck 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. Ms. Smith asked if the RAB members will receive any of the documents. Mr. Sullivan stated the Navy's current distribution list includes four community members: Ms. Smith, Mr. Brennan, Ms. Pilram, and ARC Ecology. He added that anyone else on the RAB who would like to receive documents for review can be added to the list.

Field Schedule

Ms. Beck noted the only field activity scheduled to begin soon is the Site 25 soil gas sampling. Everything else is in process or has wrapped up.

RAB Meeting Minutes

Mr. Sullivan asked if there were any comments on the August 2010 meeting minutes. Ms. Smith provided comments. The minutes were accepted pending incorporation of the comments.

Co-Chair Announcements

Alice Pilram (RAB Community Co-Chair) stated there was a successful music festival on TI the week before the RAB meeting. She also stated the island residents are hoping to have the mayor appoint an island resident to the TIDA Board. The former resident representative on the TIDA Board stepped down. Ms. Smith asked if that appointment was supposed to happen a long time ago. Mr. Brennan explained the Citizen's Advisory Board (CAB) has four island residents, but it is the TIDA Board that currently does not.

Ms. Pilram also noted the next RAB meeting will begin with the annual potluck and encouraged people to attend.

BRAC Cleanup Team Update

Mr. Sullivan gave a brief update on the two BCT meetings held since the last RAB meeting, in September and October 2010. He noted the agenda for the September BCT meeting was similar to the one for this RAB meeting. He noted the October BCT was also similar. He noted the Navy and other BCT members had met earlier in the day to discuss comments on the FOST. Ms. Smith asked if the comments were extensive. Mr. Clark stated the comments were not very extensive, but they were very helpful. Mr. Anderson stated most of them were asking for clarification on how things are described and rewording some of the explanations in the document; there were no issues.

Other Public Comments and Announcements

Mr. Sullivan asked for any public comments or announcements. Mr. Brennan state the CAB rescheduled their meeting from the first Tuesday to the third Tuesday of the month, so it started at 6:00 p.m. and is continuing during this RAB meeting. He said there was a presentation on the development of the yacht harbor. TI Community Developers (TICD) will develop the parking lot and the buildings in the harbor, and TI Enterprises (TIE) will develop the floating docks. The developers expect a two-year lead time to get the permits for dredging, so work will begin about two years after that area is transferred to the city.

Mr. Sullivan asked if the CAB meetings would be permanently rescheduled to the third Tuesday of the month. Mr. Brennan said they would not; it was a one-time reschedule, so there should not be conflicts with the RAB meeting in the future.

Mr. Anderson stated this will be his last RAB meeting because he is leaving the team. He has been promoted to be the BRAC Environmental Coordinator for Moffett Field and Concord. Ms. Smith asked if Moffett Field has an active RAB, and Mr. Anderson stated they do. There are about 20 people on the RAB and another 35 members of the public attended the last meeting. Mr. Anderson extended his thanks to the TI RAB members for their attendance and all of their comments, and said he has enjoyed working with everyone over the past seven years.

Mr. Sullivan reminded the RAB that this is the 150th meeting. He stated the four RAB members in attendance tonight, Dale Smith, Nathan Brennan, Alice Pilram and John Gee, are the backbone of community membership in the RAB, and noted most of them had been on the RAB for numerous years. Mr. Sullivan presented each RAB member with a certificate of appreciation.

Future Meeting Agenda Items

Mr. Sullivan asked for future meeting agenda item requests. The RAB members agreed to have a holiday potluck the hour prior to the 21 December meeting. The meeting was adjourned.

October 2010 RAB Meeting Handouts

- [Attachment A](#): NAVSTA TI RAB Meeting No. 150 Agenda, 19 October 2010
- [Attachment B](#): Figure - Treasure Island Detail Map
- [Attachment C](#): Figure - Yerba Buena Detail Map
- [Attachment D](#): Field Efforts Solid Waste Disposal Areas
- [Attachment E](#): Site 12 Risk Evaluation for Soil and Backyard
- [Attachment F](#): Figure - Remaining Chlorinated Ethenes at Site 12
- [Attachment G](#): Proposed Soil Gas Sample Locations Site 25
- [Attachment H](#): Field Efforts Building 233
- [Attachment I](#): Document Tracking Sheet, 19 October 2010
- [Attachment J](#): Field Schedule, 19 October 2010
- [Attachment K](#): Property Transfer and FOST Update, 19 October 2010 (not available hard-copy at the meeting)

NAVAL STATION TREASURE ISLAND
ENVIRONMENTAL RESTORATION ADVISORY BOARD MEETING

Tuesday, 19 October 2010

7:00 PM.

Casa de la Vista Building 271

Treasure Island

MEETING NO. 150

- 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 – 7:25 **Treasure Island/Yerba Buena Island Property Transfer Update and Draft Finding of Suitability to Transfer (FOST)**
Lead: James Sullivan, Navy Co-Chair and Scott Anderson, Navy RPM
- 7:25 - 7:40 **Site 12 (TI Housing) Removal Action and Access Update**
Lead: Pete Bourgeois, Shaw E & I
- Bigelow Court NTCRA
- 7:40 – 7:55 **Site 12 Human Health Risk Assessment (HHRA) Technical Memo**
Lead: Tony Konzen, Navy RPM, Marcie Rash and Jessica Beck, Tetra Tech
- 7 :55 - 8:05 **Field Activities Update (Sites 6, 21, 24, 25, 31, and Site 12 Arsenic Study)**
Lead: Scott Anderson, Navy RPM, Tony Konzen, Navy RPM and Pete Bourgeois, Shaw E & I
- 8:05 - 8:15 **Building 233 Demolition and Draft Final Status Survey Workplan**
Lead: Tony Konzen, Navy RPM and Pete Bourgeois, Shaw E & I
- 8:15 – 8:20 **Upcoming Documents and Field Schedule**
Lead: Marcie Rash, Tetra Tech
- 8:20 – 8:25 **RAB Meeting Minutes**
Lead: James Sullivan, Navy Co-Chair
- 8:25 – 8:30 **Co-Chair Announcements**
Lead: Alice Pilram, Community Co-Chair
- 8:30 – 8:35 **BRAC Cleanup Team Update**
Lead: James Sullivan, Navy Co-Chair

8:35 – 8:40 **Other Public Comment and Announcements**

Lead: James Sullivan, Navy Co-Chair

8:40– 8:45 **Future Meeting Agenda Items**

Lead: Navy and Community Co-Chairs

8:45 **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 November 2010 Meeting

7:00 pm Tuesday, 21 December 2010
Casa de la Vista, Treasure Island

No January 2011 Meeting

7:00 pm Tuesday, 15 February 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, 30 November 2010, 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** 3 November 2010, Tetra Tech EMI, **Oakland** CA

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

Navy San Diego Office Address:

JAMES B. SULLIVAN

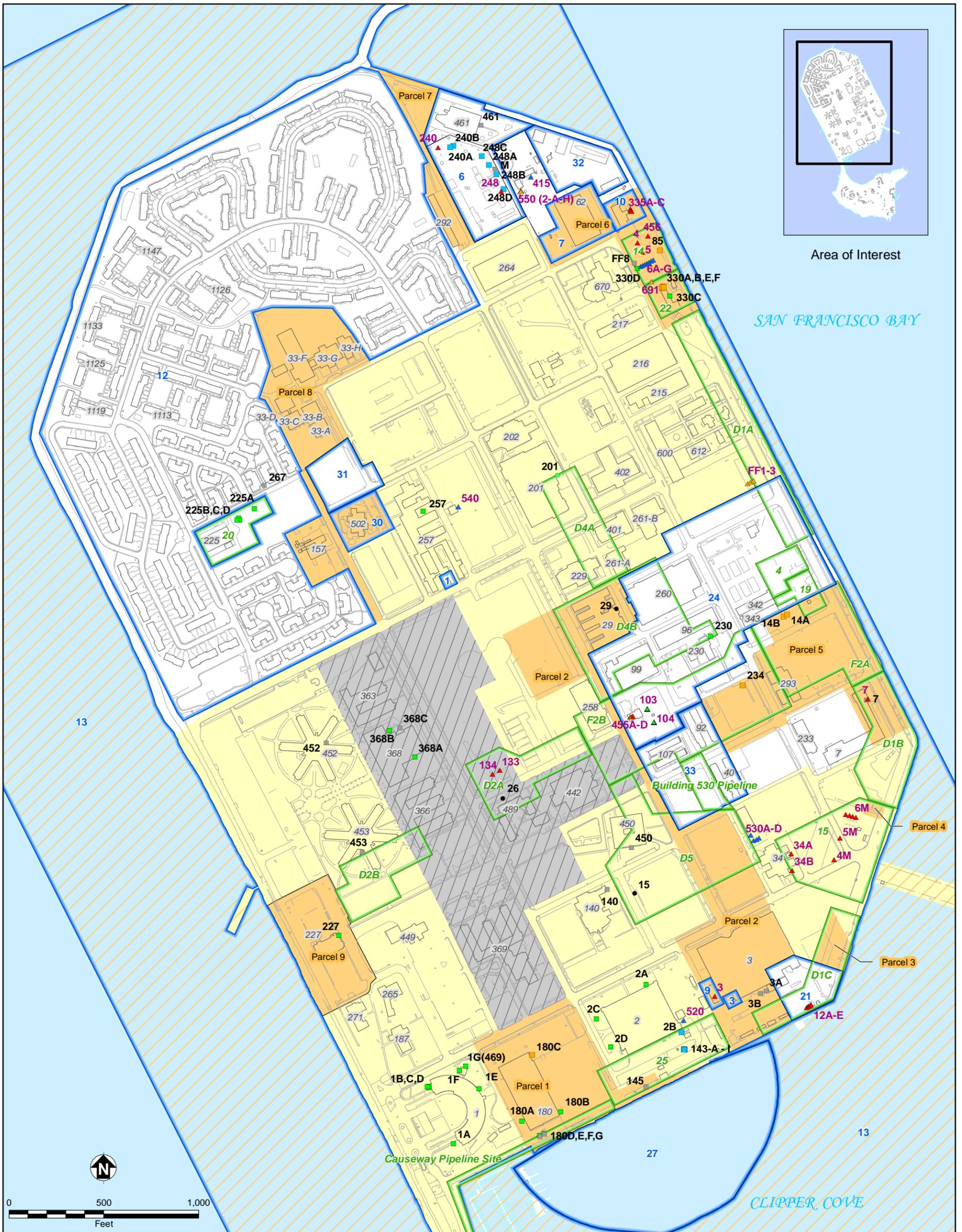
DEPARTMENT OF THE NAVY

BASE REALIGNMENT AND CLOSURE

PROGRAM MANAGEMENT OFFICE WEST

1455 FRAZEE ROAD, SUITE 900

SAN DIEGO, CA 92108-4310



Area of Interest

SAN FRANCISCO BAY

CLIPPER COVE

- ABOVEGROUND STORAGE TANKS (labeled in purple)**
- ▲ Closed-in-Place
 - ▲ Active
 - ▲ Inactive
 - ▲ Removed

- UNDERGROUND STORAGE TANKS (labeled in black)**
- Closed
 - Closed via Inactive Fuel Lines CAP
 - Further Investigation
 - NFA Concurrence
 - NFA via Inactive Fuel Lines CAP
 - NFA Requested
 - Never Existed

- INVESTIGATION SITES:**
- Petroleum Program Sites
 - CERCLA Program Sites
 - FOST Property
 - FOST Submerged Parcel

- AST Aboveground Storage Tank
- CAP Corrective Action Plan
- CERCLA Comprehensive Environmental Response, Compensation, and Liability Act
- FOST Finding of Suitability to Transfer
- NFA No further action
- TI Treasure Island
- UST Underground Storage Tank

- Untransferred Property Not Subject to FOST
- TI Property Available Per the TI 2006 FOST
- Federal Property
- Building

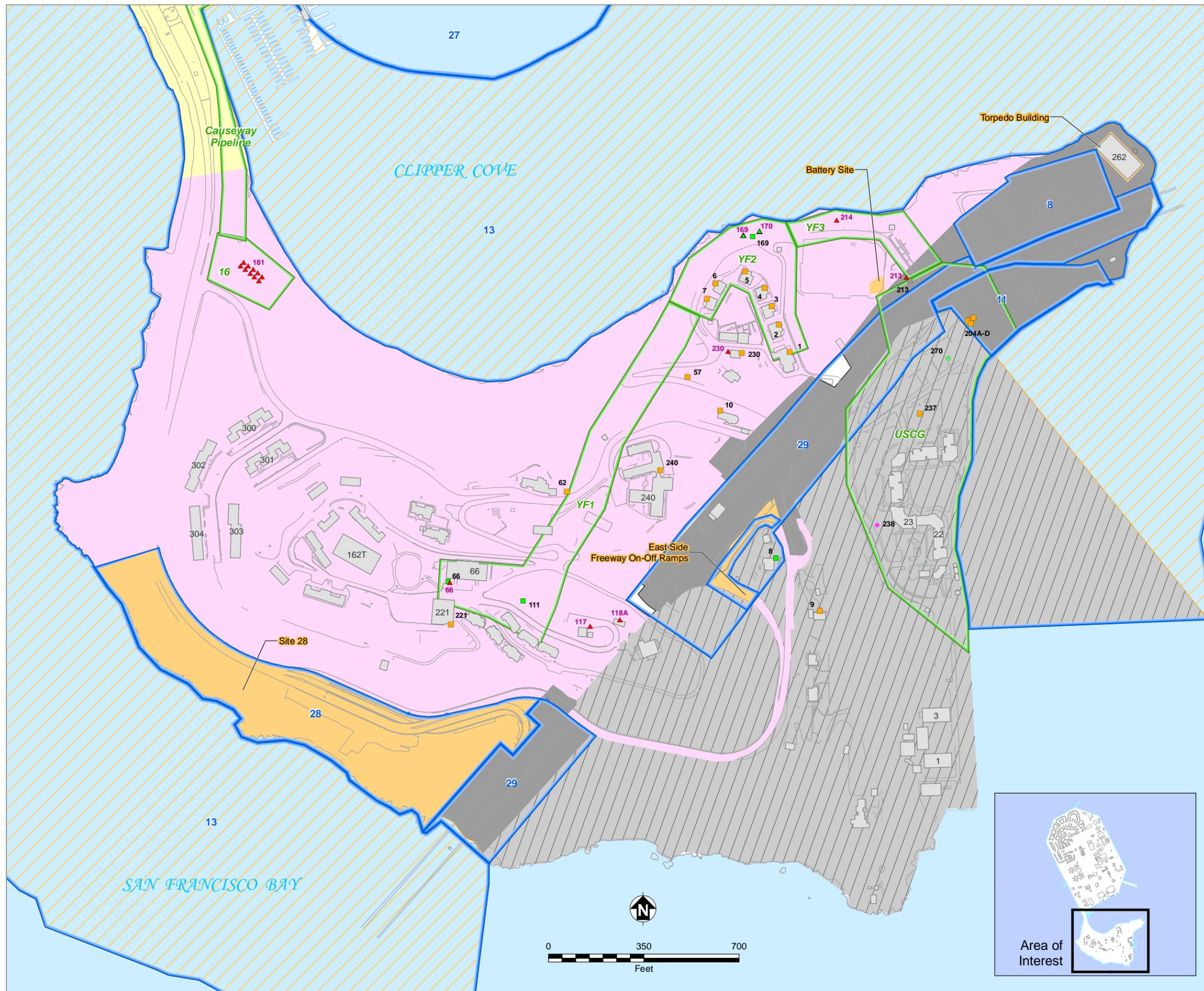
Note: UST and AST point locations are not actual USTs or ASTs drawn to scale or shape for the purpose of this figure. The point locations are used to show relative locations of USTs and ASTs.



Naval Station Treasure Island
Department of the Navy, BRAC PMO West, San Diego, CA

**FIGURE 4
TREASURE ISLAND
DETAIL MAP**

2010 Finding of Suitability to Transfer



- ABOVEGROUND STORAGE TANKS (labeled in purple)**
- ▲ Closed-in-Place
 - ▲ Active
 - ▲ Inactive
 - ▲ Removed
- UNDERGROUND STORAGE TANKS (labeled in black)**
- Closed
 - Closed via Inactive Fuel Lines CAP
 - Further Investigation
 - NFA Concurrence
 - NFA via Inactive Fuel Lines CAP
 - NFA Requested
 - Never Existed
- Building
- INVESTIGATION SITES**
- Petroleum Program Site
 - CERCLA Program Site
- Untransferred Property Not Subject to FOST
- FOST Property
 - FOST Submerged Parcel
- YBI Property Available Per the YBI 2006 FOST
 - Caltrans
 - Federal Property
 - TI Property Available Per the TI 2006 FOST
- Road Edge
- AST Aboveground Storage Tank
 Caltrans California Department of Transportation
 CAP Corrective Action Plan
 CERCLA Comprehensive Environmental Response Compensation, and Liability Act
 FOST Finding of Suitability to Transfer
 NFA No further action
 TI Treasure Island
 USCG United States Coast Guard
 UST Underground Storage Tank
 YBI Yerba Buena Island

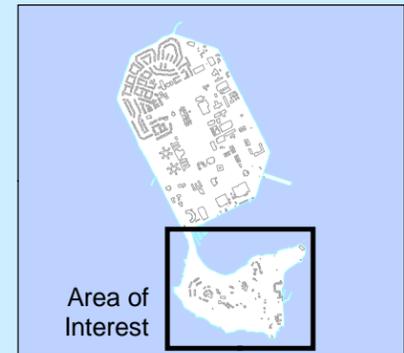
Note:
 UST and AST point locations are not actual USTs or ASTs drawn to scale or shape for the purpose of this figure. The point locations are used to show relative locations of USTs and ASTs.



Naval Station Treasure Island
 Department of the Navy, BRAC PMO West, San Diego, CA

FIGURE 5
YERBA BUENA ISLAND
DETAIL MAP

2010 Finding of Suitability to Transfer





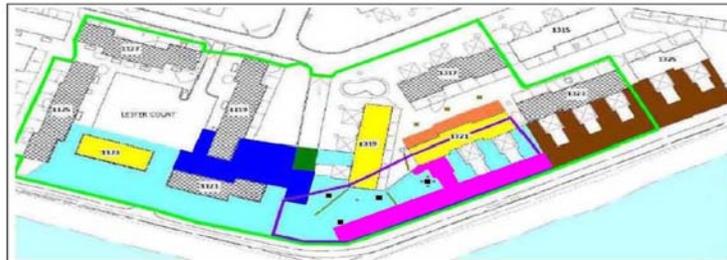
Field Efforts Solid Waste Disposal Areas

October 19, 2010
NAVSTA Treasure Island
RAB Meeting

Status at SWDA A&B



STATUS OF SWDA A&B EXCAVATION, JULY 29, 2010



LEGEND

- | | | | |
|---|--------------------|---|---|
|  | 0 feet bgs surface |  | Building to be demolished |
|  | 2 foot bgs surface |  | Pothole |
|  | 3 foot bgs surface |  | Auger Boring, 8 ft bgs |
|  | 4 foot bgs surface |  | Exploratory Trench, 6 ft bgs |
|  | 5 foot bgs surface |  | Project Security Fence |
|  | Backfill complete |  | Debris Extent, estimated
(heaviest debris concentration) |

SWDA A&B Look Ahead

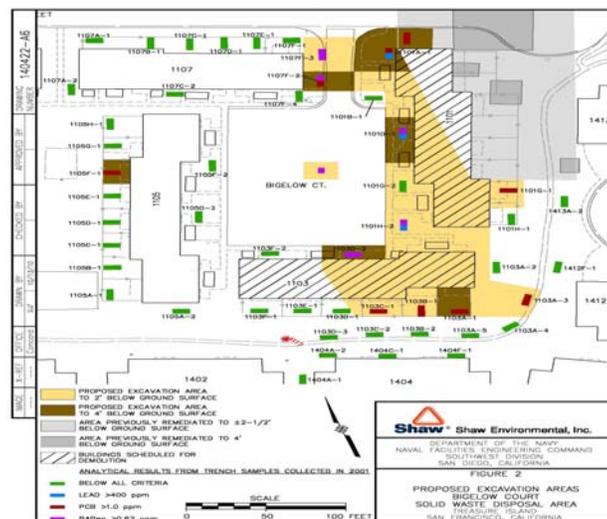


Preliminary Final Status Survey Plan (Master Plan)
 (currently incorporating Navy comments)

Building 1321 Hot Spot Removal
 (issued for final review to the Navy)

Buildings 1123, 1319, and 1321 Work Instruction
 (has gone to the Navy for review)

Upcoming Work at Bigelow Court

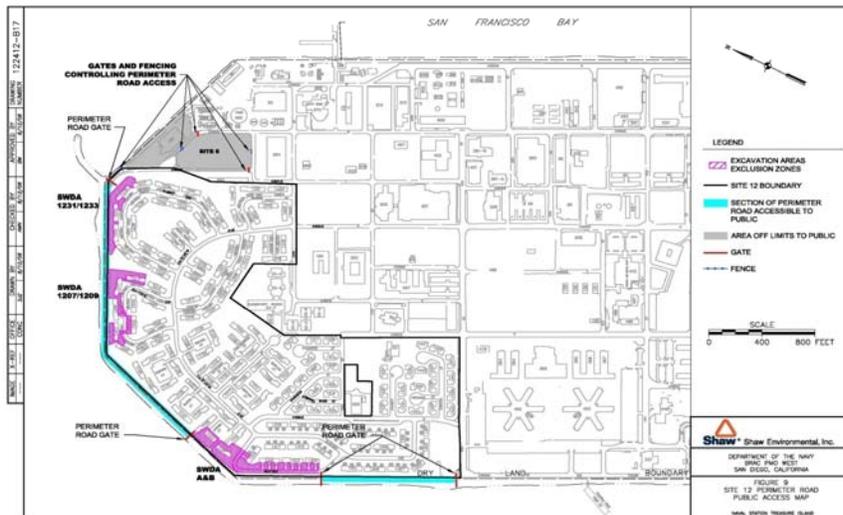


Look Ahead Work at Bigelow Court



- **Internal Draft Work Plans**
(will be sent to the Navy November 8, 2010)
- **Field Mobilization**
(February 28, 2010)

Perimeter Road Access





Site 12 Risk Evaluation for Soil and Backyard Evaluation Technical Memorandum



Restoration Advisory Board Meeting
October 19, 2010



Overview



August Meeting

- Purpose of the Technical Memorandum
- Unique Site 12 Conditions
- Human Health Risk Assessment Results
 - Current residential scenario, surface soil, unpaved areas
 - Recommendations regarding additional backyard sampling
- Technical Memorandum Delivered August 20

October Meeting

- Respond to August Questions
- Take Additional Questions/Comments
- Path Forward



Identification of Exposure Units



October 5, 2004 Site 12 RI Report Scoping Meeting

- Navy proposed Site 12 (93 acres) as a single exposure unit (EU)
- Received agency feedback

December 7-8, 2004 BCT Meeting

- Revised EU plan – 19 EUs based on major roadways and presence of buildings (does not equate to residential unit)
- AOIs – independent evaluation of 'hotspots'
- DTSC commended the design and suggested to not modify excessively

3



EU Calculation



- EPA guidance was used to ensure that the risk is not under-estimated and is reasonable
- All analytical data collected within an EU is used to calculate the 95 Percent Upper Confidence Limit of the Arithmetic Mean (UCL); the 95% UCL...
 - Is a tool for acknowledging uncertainty and variability within data sets without presenting unacceptable risk
 - Represents the exposure point concentration (EPC) for the EU
- EPC is a chemical concentration representing a 95% confidence that over a lifetime, a receptor would be exposed to that concentration (EPC) or a lesser value

4



Levels of Conservatism



- Sampling was biased towards known contaminated areas
- Use of guidance to ensure risk is not under-estimated
- Based on the risk analysis and results, the distribution is relatively consistent among EUs
- EPC is representative of a 95% upper confidence limit
- Estimates a reasonable maximum exposure
 - ✓ 24 hours/day
 - ✓ 350 days/year
 - ✓ 30 years
- Calculated risk is representative of the same exposure across the entire EU

5



Question 1



"When you took your sampling, you did not do it throughout the entire EU. You took one small area and sampled within that and from that extrapolated that the whole area would be the same. Were you reducing the chemical load by taking a larger area, by dividing the chemical of concern into a larger area so it is more dilute?"

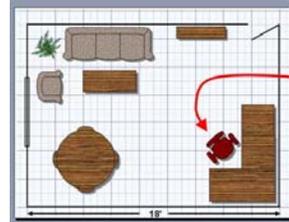
Short Answer: Not typically

Long Answer: All analytical data is considered, EPC is determined for the EU (representative of 95% UCL), exposure is assumed to be the same throughout entire EU

6



"Let me try to rephrase my question. Let's pretend this is very high levels of lead [indicating]. Are you looking at that exposure and measuring it within the confines of this table or within the confines of this whole building? Because if you take the whole building, this [indicating] becomes insignificant; and therefore, you can say we don't need to consider it because spread over -- diluted over this very large area, which is the gold -- golden rod areas, it gets down below 1. Whereas if you just look at it within the confines of this table, it may be significant."



Short Answer: No

Long Answer: Measuring within the confines of the "Building", typically the highest concentration is at the "Table" but is used as if you were sitting at the desk chair.

7



Site 12 HHRA

Exposure Scenarios

- Current residential
- Future residential
- Future commercial/industrial worker
- Future construction worker
- Future recreational

Four Types of Risk

- Total
- Site
- Ambient
- Incremental

Two Sets of Each Type

- Federal (EPA) toxicity criteria
- State of California toxicity criteria

8



Path Forward



- Final Technical Memorandum delivered August 28
- Received comments from Water Board, EPA, TIDA
- Continued with preparation of the Site 12 RI Report
 - Components of HHRA will look at soil, groundwater, and soil gas
 - Draft RI Report due out for review in late April/Early May

9



Questions/Comments?



August 2010 TI BCT Meeting

11



Purpose of the Technical Memorandum



- Summarize site history relating to backyards
- Present the results of HHRA
 - Current residential scenario
 - Surface soil
 - Unpaved areas
- Provide recommendations regarding additional backyard sampling

12



Unique Site Conditions



- Exposure Unit (EU)
 - Areas of Interest (AOI)
 - Unoccupied Building
- Areas Not Covered in the Tech Memo
- SWDAs
 - Groundwater EUs



Human Health Evaluation Results



EU/AOI	COC	Within Cancer Risk Range	Noncancer HI < 1	# > Action Levels
14	Dioxin	✓	✓	1
16	Dioxin	✓	✓	1
17	Dioxin, PAH	✓	✓	2
1201/1203 /1220	Dioxin, lead	✓		2
1246	Antimony	✓		1
1254	Ar-1260	✓	✓	1
Halyburton /Bigelow Cts.	Ar-1260	✓		22
Mariner Drive	Dioxin	✓	✓	1



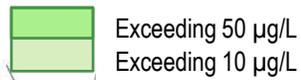
Human Health Evaluation Results



- Evaluation included:
 - 19 EUs and 6 AOIs
 - Distribution of COCs in soil
 - Comparison of COC concentrations with NAVATA TI action levels
- Eleven COCs identified:
 - Metals: arsenic, lead, Antimony
 - PAHs: dibenz(a,h)anthracene, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene
 - PCBs: Aroclor-1254, Aroclor-1260,
 - Dioxin: 2,3,7,8-TCDD TEQ
- No evidence that soil within the residential back yards was placed in a different manner than the entirety of the EU
- Results for entire EU are applicable to any residential back yards within the EU
- ***No additional backyard sampling is recommended for the EUs and AOIs***

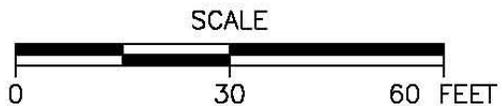
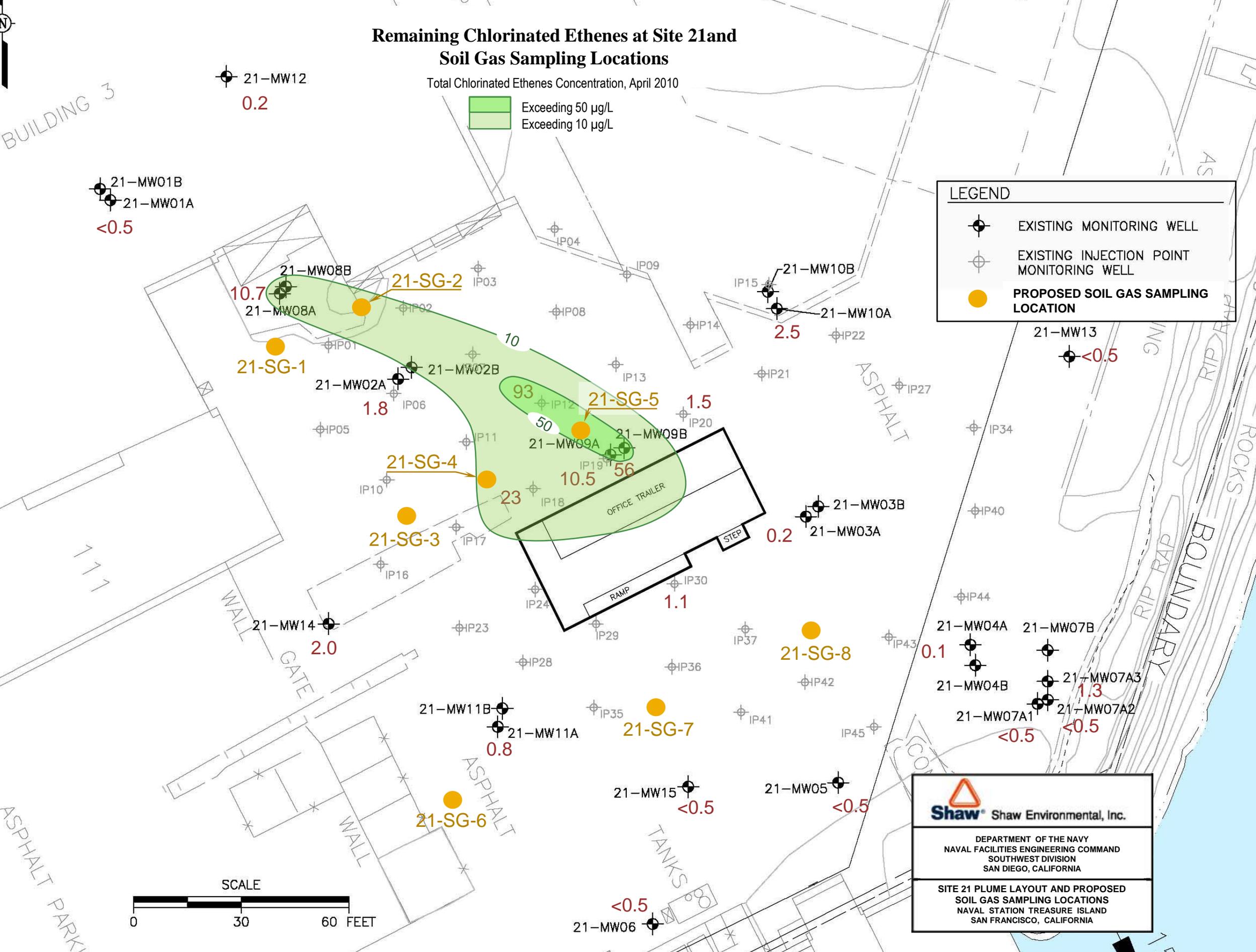
Remaining Chlorinated Ethenes at Site 21 and Soil Gas Sampling Locations

Total Chlorinated Ethenes Concentration, April 2010



LEGEND

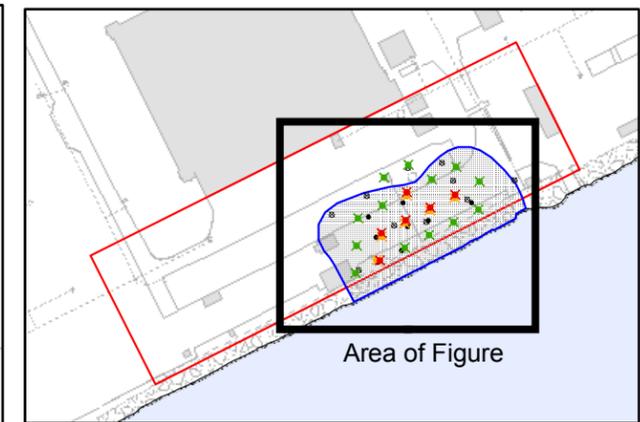
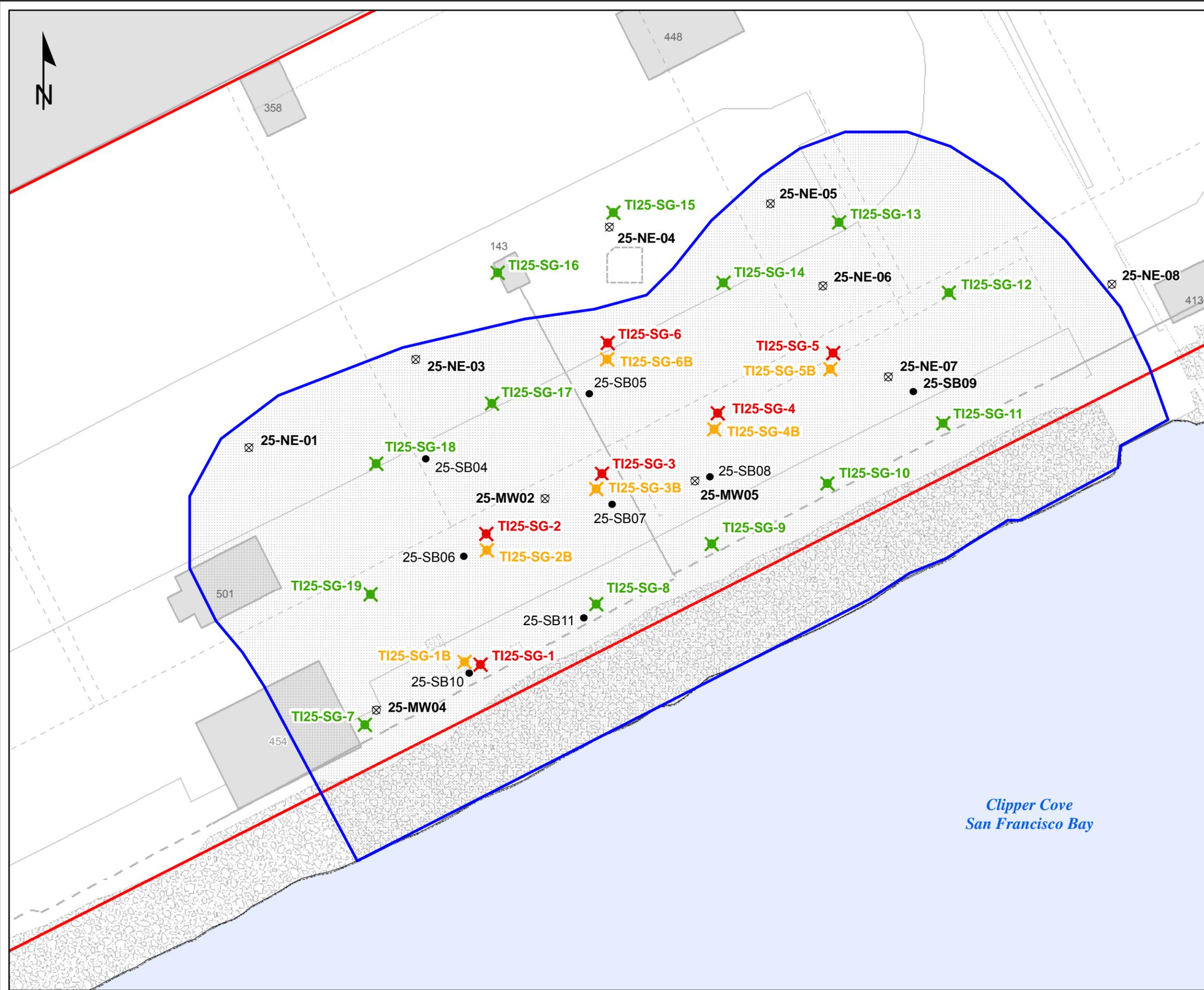
- EXISTING MONITORING WELL
- EXISTING INJECTION POINT MONITORING WELL
- PROPOSED SOIL GAS SAMPLING LOCATION



Shaw Shaw Environmental, Inc.

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
SOUTHWEST DIVISION
SAN DIEGO, CALIFORNIA

SITE 21 PLUME LAYOUT AND PROPOSED SOIL GAS SAMPLING LOCATIONS
NAVAL STATION TREASURE ISLAND
SAN FRANCISCO, CALIFORNIA

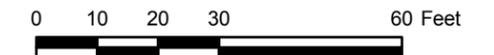


Legend

- Tier 1 Soil Gas Sample Location
- Tier 2 Soil Gas Sample Location
- Tier 3 Soil Gas Sample Location
- Post-Remediation Shallow Soil Sample Location
- Post-Remediation Groundwater Sample Location
- Storm Drain Line and Catch Basin
- Water Line
- Fuel Line, Closed In-Place
- Fuel Line, Removed
- Underground Storage Tank, Suspected Removed
- Aboveground Storage Tank, Inactive
- Site 25 Boundary
- Corrective Action Area 25-CAA-01
- Riprap
- Building

Note:

1. "Suspected removed" is used to identify tanks that are believed to have existed and are suspected of having been removed during historical Navy operations prior to base closure, but written documentation was never found. Investigations to assess whether USTs were removed was completed and are described in the Final Closure Report (Shaw, 2005) and the Final Facilitywide Underground Storage Tank Summary Report Update (Shaw, 2004).



Department of the Navy
 Base Realignment and Closure
 Program Management Office-West
 San Diego, California

Figure 4
PROPOSED SOIL GAS
SAMPLE LOCATIONS
SITE 25

Naval Station Treasure Island
 San Francisco, California

Field Efforts Building 233



October 19, 2010
NAVSTA Treasure Island
RAB Meeting

Building 233



- Asbestos Work was completed on September 1.
- Radiological Scanning of the Outside of Building 233 has been Completed and the data has been sent to the Navy for review.
- Interior of the Building was Started on August 24th and will be Completed in Late October.
- Building demolition will begin in Early to Mid November.
- Final Status Survey Plan for Building 233 Footprint
(In Navy review)

Work for Building 233



Removal of the Last of the Non-Friable Asbestos Containing Roofing Material for Bldg. 233.

Work for Building 233



Removal of Lighting Fixtures, Smoke Detectors, etc. within Bldg. 233 Prior to the Start of the Scanning Efforts.

Work for Building 233



Surveys of Interior Walls Within Bldg. 233

Work for Building 233



Scanning Walls after Grid Layout is Completed.

Hallway Grid Layout

Work for Building 233



Grid Layout on the Stairway

Elevated Area Marked for Removal, once removed the areas around the removal will be Rescanned.

Work for Building 233



Elevated Location Found on Door. Door is Wrapped and Removed for Low-Level RAD Disposal.

Work for Building 233



Scanning Duct-Work Prior to Removal



Removal of Duct Work on Both 1st and 2nd Floor after RAD Scanning

Work for Building 233



Removal of an Area that was Elevated, once Removed a Post Survey is Completed to Insure the Area is no Longer Elevated.

Work for Building 233



Pictures of the Surface under Building 233, The Visible Conduit is just Hanging from the Building and is no Longer Attached.

Naval Station Treasure Island
Environmental Cleanup Program
Document Tracking Sheet
October 2010 - April 2011

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	DISC	Water Board	EPA	TIDA	RAB							OTHER	Priority Level			
Shaw Group																						
1	Site 32 Post Construction Summary Report for PCBs in Soil	FZN1	05/11/10	✓	TBD	TBD	TBD							TBD	TBD	TBD	TBD	TBD				
	RPM: Scott Anderson																					
	PM: Pete Bourgeois																					
2	Battery Site Technical Memorandum	005	09/30/10	✓	10/25/10	11/01/10	11/15/10							TBD	TBD	TBD	TBD	11/22/10	Preliminary schedule, looking to expedite.			
	RPM: Scott Anderson																					
	PM: Pete Bourgeois																					
3	Building 233 Final Status Survey Work Plan	010	8/31/10, 9/30/10, 10/11/10	✓	11/15/10	11/30/10	01/10/11							TBD	NA	TBD	TBD	TBD	TBD			
	RPM: Anthony Konzen																					
	PM: Pete Bourgeois																					
4	Site 21 Treatability Study Report	FZN1	09/29/10	✓	10/25/10	11/01/10	12/01/10							12/29/10	NA	01/19/11	02/02/11	02/16/11				
	RPM: Scott Anderson																					
	PM: Pete Bourgeois																					
5	Site 24 Treatability Study Report	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				
	RPM: Scott Anderson																					
	PM: Pete Bourgeois																					
6	Sites 21, 24, and 32 Groundwater Monitoring SAP	002/005	10/22/10		11/05/10	11/12/10	12/12/10							TBD	TBD	TBD	TBD	TBD				
	RPM: Scott Anderson																					
	PM: Pete Bourgeois																					
7	Site 25 Soil Gas Sampling SAP	FZN1	08/05/10	✓	08/20/10	✓	09/10/10	✓	✓					NA	NA	09/01/10	✓	10/06/10	✓	10/13/10	✓	9.20-Rec'd Water Board cmts
	RPM: Scott Anderson																					
	PM: Neil Hey																					
7	Site 25 Soil Gas Sampling Investigation Report	FZN1	12/21/10		12/28/10	01/11/11	02/10/11							TBD	TBD	02/24/11	03/03/11	03/17/11				
	RPM: Scott Anderson																					
	PM: Neil Hey																					
8	Site 12 Final Status Survey Plan (Master)	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				
	RPM: Anthony Konzen																					
	PM: Pete Bourgeois																					
9	Site 31/33 Remedial Action Work Plan (RAWP)	FZN9	10/17/10* 10/31/10**	✓	12/30/10**	01/06/11	02/05/11							NA	NA	03/10/11	03/24/11	04/07/11			* Navy technical review ** Navy RASO review	
	RPM: Scott Anderson																					
	PM: Pete Bourgeois																					
Shaw Group (continued)																						
10	Site 12 Bigelow Court NTCRA Work Plan	FZN9	11/08/10		TBD	TBD	TBD							TBD	TBD	TBD	TBD	TBD				
	RPM: Anthony Konzen																					
	PM: Pete Bourgeois																					
Tetra Tech EM Inc.																						
11	2010 Site Management Plan (SMP)	FZN6	03/09/10	✓	04/09/10	✓	04/19/10	✓	05/21/10	✓	✓	✓	✓	✓	NA	10/20/10	10/22/10	10/25/10	10/28/10		Over the shoulder meeting scheduled for 10/20/10	
	RPM: Dave Clark																					
	PM: Marcie Rash																					

Naval Station Treasure Island
Environmental Cleanup Program
Document Tracking Sheet
October 2010 - April 2011

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							DISC	Water Board	EPA	TIDA	RAB								OTHER
12	Site 24 PP/RAP	083	12/30/10*	1/29/11*	03/28/11	04/27/11							05/25/11	06/08/11	06/25/11	07/05/11	07/19/11	* Navy technical review ** Navy legal review	
	RPM: Scott Anderson		2/12/11**	3/14/11**															
	PM: Jean Michaels																		
13	Site 29 Boundary Change Letter	FZN6	4/27/10*	5/4/10*	07/13/10	07/30/10	✓	X	X	✓	✓		NA	NA	10/07/10	✓	TBD	TBD	Comments received from Caltrans 8/6/10; Final on hold
	RPM: Scott Anderson		6/8/10**	7/9/10**															
	PM: Marcie Rash																		
14	2010 Finding of Suitability to Transfer (FOST)	039	08/09/10	09/02/10	09/28/10	11/03/10							11/17/10	12/02/10	12/09/10	12/16/10	12/23/10	Over the shoulder meeting scheduled for 10/19/10	
	RPM: Scott Anderson																		
	PM: Marcie Rash																		
15	Island Times Newsletter #17	FZN6	08/31/10	10/22/10	10/29/10	11/21/10							NA	NA	12/01/10	12/08/10	12/22/10		
	RPM: Jim Sullivan																		
	PM: Marcie Rash																		
16	Site 33 Explanation of Significant Differences (ESD)	489	9/30/10*	10/25/10*	12/06/10	01/05/11							02/02/11	02/16/11	03/04/11	03/14/11	03/28/11	* Navy technical review ** Navy legal review	
	RPM: Scott Anderson		11/08/10**	11/22/10**															
	PM: Jean Michaels																		
17	FOST Addendum (to 2006 TI/YBI documents)	039	TBD	TBD	TBD	TBD							TBD	TBD	TBD	TBD	TBD		
	RPM: Scott Anderson																		
	PM: Marcie Rash																		
Chadux Tetra Tech																			
18	Site 12 RI Report	049	01/21/11	03/22/11	04/21/11	05/21/11							06/18/11	TBD	07/18/11	07/28/11	08/11/11	Comments on Site 12 Tech Memo were due 9/20.	
	RPM: Tony Konzen																		
	PM: Yohji Ono																		
19	Site 21 PP/RAP	083	4/9/10*	5/9/10*	12/17/10	01/16/11							02/13/11	TBD	03/15/11	03/26/11	04/09/11	* Navy technical review ** Navy legal review	
	RPM: Scott Anderson		5/20/10**	11/12/10**															
	PM: Jean Michaels																		
20	Site 27 PP/RAP	084	11/14/10*	12/29/10*	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	
	RPM: Lora Battaglia		1/12/11**	1/27/11**															
	PM: Katie Henry																		
21	Well Removal Work Plan	044	10/24/10	11/07/10	11/14/10	12/14/10							TBD	TBD	12/31/10	01/14/11	01/28/11		
	RPM: Dave Clark																		
	PM: Yohji Ono																		

**Naval Station Treasure Island
Environmental Cleanup Program
Document Tracking Sheet
October 2010 - April 2011**

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						Date Due	DTSC	Water Board	EPA	TIDA	RAB							OTHER	Priority Level							
Trevet																										
22	Site 30 LUC/Remedial Design Work Plan RPM: Scott Anderson PM: Greg Alyanakian	9002	4/20/09* 6/11/09**	✓ ✓	5/1/09* 7/11/09**	✓ ✓	03/03/10	✓	05/21/10	✓	✓	✓	✓	✓	✓	08/06/10	✓	08/13/10	✓	08/27/10	✓	09/17/10	✓	11/01/10	✓	Navy technical review ** Navy legal review Comments rcvd from Arcadis on behalf of TICD
23	Site 30 2010 LUC Inspection and Reporting RPM: Scott Anderson PM: Greg Alyanakian	9002	11/16/10		11/30/10		12/14/10		01/13/11							01/20/11		TBD		01/20/11		01/23/11		01/27/11		
24	2009 Sites 6 & 12 Annual Groundwater Sampling Report RPM: Tony Konzen PM: Greg Alyanakian	9002	04/05/10	✓	06/02/10	✓	06/28/10	✓	08/11/10	✓	✓	X	✓			09/30/10	✓	NA		10/21/10		11/04/10		11/18/10		
Sullivan Consulting Group																										
25	Site 28 ROD/RAP RPM: Tony Konzen PM: Mehrdad Javaherian	:	5/11/10* 6/18/10**	✓ ✓	5/25/10* 7/2/10**	✓ ✓	07/21/10	✓	08/23/10	✓	✓	✓				10/13/10	✓	10/27/10		11/03/10		11/10/10		11/24/10		Navy technical review ** Navy legal review
ERRG																										
26	Site 6 RI/FS Report RPM: Tony Konzen PM: Phil Skorge	:	TBD		TBD		TBD		TBD							TBD		TBD		TBD		TBD		TBD		

- ✓ 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.

Abbreviations:

- 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
October 2010 - April 2011**

Item	Activity & Investigation Area	DTS #	Field Dates		Navy RPM	CTO/DO	Project Manager	Field Team Lead	Complete
Shaw									
1	Site 24 Treatability Study Phase II <i>Site 24</i>	Doc NA	Start: Finish:	07/21/08 TBD	Scott Anderson (619) 532-0938	FZN1	Pete Bourgeois (415) 277-6983	David Cacciatore (925) 288-2299	
	Site 21 Pilot Treatability Study <i>Site 21</i>	Doc NA	Start: Finish:	10/06/08 TBD	Scott Anderson (619) 532-0938	FZN1	Pete Bourgeois (415) 277-6983	Dan Leigh (925) 288-2193	✓
2	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	
3	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	
4	Site 31 Remedial Action <i>Site 31</i>	Doc 12	Start: Finish:	TBD TBD	Scott Anderson (619) 532-0911	FZN9	Pete Bourgeois (415) 277-6983	Pete Bourgeois (415) 277-6983	
5	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	
6	Sites 21, 24, & 32 Groundwater Sampling <i>Sites 21, 24, & 32</i>	Doc NA	Start: Finish:	TBD TBD	Scott Anderson (619) 532-0938	002/ 005	Pete Bourgeois (415) 277-6983	Pete Bourgeois (415) 277-6983	
7	Site 25 Soil Gas Sampling <i>Site 25</i>	Doc NA	Start: Finish:	10/25/10 TBD	Scott Anderson (619) 532-0938	FZN1	Pete Bourgeois (415) 277-6983	Pete Bourgeois (415) 277-6983	
Trevet									
	Sites 12 & 6 Groundwater Sampling <i>Sites 12 & 6</i>	Doc NA	Start: Finish:	10/07/10 10/07/10	Tony Konzen (619) 532-0924	9002	Greg Alyanakian (858) 869-3110	Greg Alyanakian (858) 869-3110	✓
8	Site 30 LUC Inspection <i>Site 30</i>	Doc 26	Start: Finish:	TBD TBD	Scott Anderson (619) 532-0938	9002	Greg Alyanakian (858) 869-3110	Greg Alyanakian (858) 869-3110	
EMS									
9	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

DTR# Denotes document tracking reference. 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.

PCB Polychlorinated biphenyls

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.



BRAC Program Management Office



Naval Station Treasure Island Property Transfer & FOST Update

Restoration Advisory Board
October 19, 2010



Property Transfer & FOST Update



- In December 2009, Navy Secretary Ray Mabus and Mayor Gavin Newsom came to agreement on general terms of an economic development conveyance (EDC) deal.
- On Tuesday, August 17th 2010, Speaker of the House Nancy Pelosi, Navy Secretary Mabus and Mayor Newsom signed an endorsement of the agreement for the Economic Development Conveyance of former Naval Station Treasure Island from the U.S. Navy to the City and County of San Francisco through its Treasure Island Development Authority (TIDA) at a ceremony at a ceremony in front of Treasure Island Building 1.
 - Property transfer (conveyance) of FOSTed property to TIDA has not yet occurred, but is expected to occur in phases pending completion of CEQA and other environmental actions.



Property Transfer & FOST Update



- Current Status of Property:
 - Naval Station Treasure Island was disestablished on September 30, 1997 and has been in caretaker status since that date.
 - Portions of former Naval Station property have already been 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 property will be transferred to TIDA.
 - TIDA operates the former Naval Station under a cooperative agreement with the Navy. TIDA provides police and fire protection, public works and utilities services.
 - The Navy 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.



Property Transfer & FOST Update



- Major actions required for initial property conveyance from Navy to TIDA:
 - Navy completion of 2010 FOST
 - TIDA completion of CEQA
 - Finalized EDC Agreement (maps, deed, etc.)
 - Approval of final documents by Navy Headquarters and the San Francisco Board of Supervisors
 - Navy environmental milestones
 - Complete Building 233 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)
 - Revise CERCLA Site 27 boundary

Pending completion of major actions, conveyance could occur late 2011



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
 - Comment due October 27, 2010
 - 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?