

**FINAL MEETING MINUTES
RESTORATION ADVISORY BOARD
NAVAL STATION TREASURE ISLAND
17 June 2008
Meeting Number 136**

Community Restoration Advisory Board (RAB) Members in attendance:

Nathan Brennan, John Gee, Chris Grasteit, Alice Pilram, Dale Smith

Regulatory Agency, City of San Francisco (City), and U.S. Department of the Navy (Navy) RAB Members in attendance:

James Sullivan (Navy), Paisha Jorgensen (San Francisco Bay Regional Water Quality Control Board [Water Board]), Ryan Miya (Department of Toxic Substances Control [DTSC]),

Other Navy Staff and Consultant Representatives in attendance:

Pete Bourgeois, (Shaw Environment and Infrastructure [Shaw]), Tommie Jean Damrel (Tetra Tech EM Inc. [Tetra Tech]), Kevin Hoch (Tetra Tech)

Public Guests

Jason Becker, Tom Gandesbery, John Hosanna, Mike Kearns, Teresa Kearns, Loraine Lee (John Stewart Company [JSCO]), Tory Light, Andrea McHenry, Bart Rugo, Abigail Suter, Dan Stone (JSCO)

Welcome Remarks and Introductions

James Sullivan (Base Realignment and Closure [BRAC] Environmental Coordinator) opened the 17 June 2008 meeting at 7:06 P.M. at the Casa de la Vista (Building 271) on Treasure Island (TI).

Mr. Sullivan welcomed those in attendance. He noted the RAB meets bi-monthly; the last meeting was in April and the next would be in August. He noted the handout materials could be found on the back table, and invited attendees to sign up to be added to our mailing list to receive RAB packets. Mr. Sullivan then asked if there were any comments or questions concerning the agenda. There were none. Mr. Sullivan noted for attendees that, in addition to himself as the Navy representative on the RAB, there were two other agencies represented at the RAB meeting: Ryan Miya for the California Department of Toxic Substances Control, and Paisha Jorgensen of the Regional Water Quality Control Board. In addition, there were two residents of NAVSTA TI on the RAB, and several other community members. Mr. Sullivan stated that those who are interested in NAVSTA TI are welcome to join the board, even if they are not residents on TI or YBI.

Public Comment and Announcements

Mr. Sullivan stated two public comment periods were included on the agenda to provide members of the public an opportunity to comment on the Navy's environmental program at former Naval Station TI (NAVSTA TI), one at the start of the meeting and one near the end. Mr. Sullivan noted that, in addition to the two public comment periods, attendees were invited to ask questions or make comments at any time during the meeting.

Abigail Suter (resident) asked if there was a list of the cleanup goals for various contaminants of concern at NAVSTA TI that she could review. Mr. Sullivan explained that cleanup criteria are established as part of the work plan before a cleanup is conducted at a particular site, and could come from preliminary remediation goals, or PRGs, or from other sources. For example, for work in the housing area a cleanup level for lead of 400 parts per million has been established. That cleanup level is established at the beginning of each project before each cleanup is conducted. Ms. Suter asked if there was one list available. Dale Smith (RAB member) stated there could be a list associated with a particular work plan or feasibility study. Mr. Sullivan stated that is true, but those are project specific and not a source document for cleanup levels for each site. Ms. Suter asked about the specific cleanup goals for this housing area project. Mr. Sullivan stated those could be found in the Engineering Evaluation/Cost Analysis (EE/CA) and the Action Memorandum for Site 12. He also stated those documents can be found in the Navy's information repositories. One is located on NAVSTA TI in Building 1, and the other is at the San Francisco Main Public Library. Mr. Sullivan stated the Navy would make copies available to anyone who directly requests them.

Ryan Miya (DTSC) stated he wanted to clarify why there was no singular document with cleanup levels for various contaminants. He stated it would be nice to have that, but sometimes new information becomes available. When new information is available, sometimes cleanup numbers may be revised, but that is reviewed on a case-by-case or site-by-site basis. So it is easy to go back to a site document and see what cleanup numbers were used for that site, rather than trying to keep one document with all cleanup numbers and continuously having to go back and revise it.

Mr. Sullivan asked if there were additional questions. Chris Grasteit (RAB member) said he had a question about the electricity for NAVSTA TI. He stated he had asked the John Stewart Company (JSCO), then later the San Francisco Public Utilities Commission (SFPUC), and now is asking the Navy. He stated the electricity on NAVSTA TI runs "hot", typically around 127 volts, and as a result residents go through light bulbs quickly. Mr. Grasteit said he also goes through power supplies very quickly. He noted the power is different from the power

within San Francisco, and asked if there was a study on the impact to residents from the power supply at NAVSTA TI.

Mr. Sullivan stated the Navy Public Works Department handed-off operation of the utility system for NAVSTA TI to the SFPUC sometime before NAVSTA TI closed in 1997. The SFPUC has likely made repairs to the system, but is running the system that the Navy had in place. Mr. Grasteit asked for clarification that if there were a problem with electricity it would be dealt with by the SFPUC, since the Navy handed them responsibility years ago. Mr. Sullivan stated that is correct. The Navy officially owns the system until NAVSTA TI is conveyed, but the SFPUC is responsible for the operation of any utility on NAVSTA TI.

Victoria Light (resident) stated she had a related question. Ms. Light stated that often she goes to JSCO with an issue and is referred to the Navy. Ms. Light asked if there is a list anywhere that specifically says what the Navy handles versus what JSCO or the City of SF handle. Mr. Sullivan stated that he was not sure exactly how to answer the question. He stated the Navy's responsibility is essentially to complete the environmental cleanup and transfer the property. As far as the operation of the base including the utilities, that is between the City of San Francisco or their agencies and anyone they lease to, such as JSCO. Mr. Sullivan added he wanted to make sure Ms. Light got the proper answer to her question, and offered her his contact information so she could follow up with him.

Site 12 (TI Housing Area) Removal Action Update

Mr. Sullivan introduced Pete Bourgeois (Shaw) to provide an update on the removal action for Site 12, the TI Housing Area. Mr. Bourgeois stated Shaw is currently conducting work on Westside Drive, the area referred to as Solid Waste Disposal Areas (SWDA) A&B, located behind the green fence residents have probably seen. Mr. Bourgeois stated Shaw has completed their work at Bayside Drive and Northpoint Drive, and is just watering the new sod and hydroseed in that area to ensure the grass does not die.

Mr. Bourgeois stated the field teams are segregating excavated soil as Class I, Class II, or low-level radiological waste. The Class I and II soils go to landfills in California, and are being stored in the parking lot at Building 461. The low-level radiological waste is being stored at Site 6, which is in the north east corner of TI, across from the wastewater treatment plant. Mr. Bourgeois stated Shaw is scanning all of the soil to detect any radiological materials. The scan is done with the Detector Array Rack Towed (DART) equipment.

Mr. Bourgeois then went over a color-coded figure that indicates the status of the excavation work as of 12 June 2008. Yellow indicates an excavation down to 1-foot depth; green indicates 2 feet, and pink indicates 4 feet. Mr. Bourgeois added

that 4 feet is the excavation limit. However, in the area around Buildings 1319 and 1321, Shaw found some small radiological commodities, and may excavate deeper there. Also on the figure were small pothole areas where Shaw dug down to 5 feet to sample the soil. There were still some elevated radiological readings in those areas.

Mr. Bourgeois stated Shaw has completed approximately 50 percent of the excavation. The work in the area of Building 1325 is complete and has been backfilled, and Shaw is in the process of backfilling the excavated areas around Building 1323.

Mr. Bourgeois showed a figure indicating where the radiological commodities had been found, noting they were primarily in the area between Buildings 1319 and 1321. Shaw continues to scan with hand-held devices to verify that all material is found. Mr. Bourgeois stated Shaw is also conducting radiological scans of the excavation footprint around Buildings 1325, 1237, 1211, and 1213. Shaw is receiving technical support from the Navy's Radiological Affairs Support Office (RASO) in developing a plan for the path forward.

The Navy reviewed historical photographs from the 1940s and 1950s, and determined the runway that was historically in Site 12 ended in the area between Buildings 1319 and 1321. At the end of that runway was a debris burial pit, which coincides with the findings of radiological commodities concentrated in that area. Mr. Bourgeois stated that most of the commodities are decorative buttons, and these items are mixed-in with construction rubble and other debris. Mr. Bourgeois stated that in past RAB presentations he had shown photos of some items found outside of the area where the commodities had been found, but they were primarily very low-level decorative buttons.

Mr. Bourgeois stated that, to date, Shaw had removed 203 bins of radiologically-impacted soil from the site. A company called EMS, contracting with the Army Corps of Engineers, is responsible for brokering the soil to an out-of-state facility. Mr. Bourgeois stated there are 128 bins of soil being kept at Site 6, and a stockpile of 2,700 tons of material waiting to be put into those bins as they are emptied. Each bin can hold 17.7 tons of material. Mr. Bourgeois stated that, to-date, the Navy had one disposal event specifically for the radiologically-impacted material. One hundred and fifteen commodity items were removed at the time.

Mr. Bourgeois explained that backfill efforts depend on whether the location is affected by the tides; in some areas there is a tidal influence and in some there is not. If there is no tidal influence, Shaw puts down an orange snow fence on the bottom of the excavation to indicate to future workers that the area below the snow fence is original native fill. If there is tidal influence, workers put in snow fence, then lay rock material on the snow fence above the water, then add in a

layer of engineered filter fabric before backfilling. After backfilling is complete in any given area, sod or hydroseed is put down.

Mr. Bourgeois explained that at occupied buildings the ground surfaces are restored to original conditions whereas at unoccupied buildings it may or may not be restored to original conditions. He showed a photograph of the area by Buildings 1211 and 1213, indicating the new patios, sidewalks, and sod that have been installed. Mr. Bourgeois then showed a photograph of the area by Building 1207, which did not get restored patios and was covered with hydroseed instead of sod because it was unoccupied.

Mr. Bourgeois said the expected time for project completion is sometime in August or September 2008. He noted that schedule is not definite because the additional radiological scans that are being done require more time. Originally, the Navy planned to excavate all three SWDAs at the same time. However, only one area at a time could be excavated in order to scan it. Mr. Bourgeois added that the soil being stored at Site 6 is likely to be there until September/October 2008. So the Building 461 parking lot will remain secured and inaccessible throughout that timeframe.

Mr. Bourgeois gave the Navy contact information for the project, and noted Shaw would give another update at the next RAB meeting, scheduled for 19 August, 2008. Mr. Bourgeois then asked if there were any questions. Victoria Light (resident) asked if the soil being stored at Site 6 is contaminated soil, and asked if that is near the location of Building 1237. Mr. Bourgeois stated the soil temporarily being stored at Site 6 is contaminated. Mr. Bourgeois clarified that the soil stored at Site 6 in parking lot 461, which is closest to Building 1237, is the Class I soil, which is contaminated with lead, polychlorinated biphenyls (PCB) and polycyclic aromatic hydrocarbons (PAH).

Ms. Light asked if the soil blowing into her open window would affect her. Mr. Bourgeois stated the soil is covered, and air monitoring is conducted to ensure dust is not blowing off-site. The air monitoring consists of *personal data RAM*[™] (PDR) and high-volume air sampling, which follows the workplan approved by the Navy and the regulatory agencies. Mr. Bourgeois stated the PDRs give a real-time reading to alert the field team to any issues with blowing dust, and to date there were no detections that would cause concern.

Ms. Light asked why the dirt was stored so close to the housing area when TI is such a big island with so much vacant space. She suggested it might be better for residents if the Navy moves the soil further away from the housing area. She also stated she is awoken at 7:30 a.m. by trucks moving soil, and she finds it very dusty. Ms. Light added that she was told by JSCO that construction is complete, but she still has trucks and construction in her backyard.

Mr. Bourgeois explained the Navy stores the soil at Site 6 for many reasons. They need to keep the soil close to the excavation site rather than hauling it all over the island. The soil has to be hauled off-island by very large trucks, so the area where it is stored must be accessible to those trucks, and Site 6 is one of the few areas on the island that meets that criteria. He added that it needs to be in an area that can be locked and secured, such as Site 6.

Mr. Sullivan added that the Navy had meetings in fall 2006 and early 2007 to notify the public of the planned project and to get input from residents. Ms. Light stated she moved into the housing area in fall 2007 and was never told about any of the work when she signed her lease. She stated it would be preferable for the Navy to give information directly to residents. Mr. Bourgeois stated the Navy provides work notices and has held information sessions for residents. Mr. Bourgeois added that he understands Ms. Light's concern and they tried to find the best way to complete the project with as little disruption as possible.

Tom Gandesbery (community member) asked for clarification on where the project staging area is located, and how long it would be used. Mr. Bourgeois stated Site 6 is the staging area. Mr. Sullivan added that Site 6 as well as the Building 461 parking lot just north of Site 6, adjacent to the boat ramp, is also part of the staging area. Mr. Sullivan stated the actual excavation work has been completed on Northpoint Drive and Bayside Drive, and the Navy is now working exclusively in the Westside Drive area. He added that the work on Westside Drive is ongoing through August or September 2008, but then the soil has to be disposed of, and the project has to be de-mobilized. That de-mobilization will be complete sometime around October 2008.

Mr. Gandesbury asked why the Navy is storing soil on the east side of the island if the only current work is on the west side, on Westside Drive. Mr. Sullivan explained there is no room on the west side of the island to store soil because the housing area extends almost all the way to the seawall. Mr. Sullivan said the Navy hopes to complete the project in a few months and be out of the Site 6 area. However, he noted that environmental investigations are not complete on the island, and there could be future work that would restrict access to Site 6, including some possible work in Site 32 and in Site 6 itself – rather than just as a staging area. Mr. Gandesbury asked if the area would be fenced off for future work, and Mr. Sullivan stated that would have to be decided during the planning for future projects. He added that the Navy would seek public input when planning such projects.

Bart Rugo (resident) asked if the work on the northeast side of TI is complete. Mr. Sullivan stated that excavation work is complete, and the area to the northeast is now a staging, or project support area.

Mike Kearns (resident) asked for clarification on the hazard readings for the air monitoring. He referred to his baby daughter, who was present, and asked if levels that affect her small system are being considered. Mr. Bourgeois stated the laboratory detection limits for air monitoring for the contaminants of concern, lead, PCBs, and PAHs, are very conservative, and are at lower than levels than would affect a child. He added that they had not had any detections, even at those conservative levels. Mr. Bourgeois stated Shaw uses water anywhere their trucks go, even if there is no soil with contamination in that area, to keep dust under control.

Ms. Suter (resident) stated she read the minutes from the April 2008 RAB meeting and it appeared to be undetermined how Shaw would excavate soil below four feet because of water levels. Mr. Bourgeois stated that is still being determined. The area they are evaluating is between buildings 1319 and 1321 where they may need to go deeper than four feet to excavate radiological commodities. Mr. Sullivan added that all such decisions are made by the Navy in partnership with the state of California regulatory agencies as well as the U.S. EPA. He added that the group meets monthly and are joined by representatives from the City of San Francisco and their environmental consultants.

Mr. Grasteit (RAB member) asked if work at Building 1325 had been completed. Mr. Bourgeois stated that work is complete. Mr. Grasteit stated he heard the Navy will not release units for rental if someone has vacated. Mr. Sullivan confirmed that is true, and it is because all of the project documentation, including the risk assessment, has not been completed. The Navy has no reason to believe that any of the current residents are at risk, but prefers not to have vacant units re-occupied until all documentation is complete. Mr. Sullivan stated that he understands that it must be a strange situation for Mr. Grasteit, who is living in a building where the Navy is not releasing other units for rental though the physical excavation and restoration work is complete. He stated the Navy did not wish to displace people, and if they chose to stay during work, that was acceptable. However, the Navy prefers to finalize all project documentation before the vacated buildings are re-occupied.

Mr. Grasteit stated he was also trying to clarify the progress of the project and how complete the work is. He has noticed trucks still going up and down his street, rather than just on Perimeter Road. Mr. Bourgeois stated that periodically they do have to use other streets to haul in the clean fill, in order to keep it away from the excavated soil. Mr. Bourgeois added that all of the samples the Navy took around Mr. Grasteit's residence were non-detect for lead, PCBs, PAHs, and radiological materials.

Mr. Sullivan stated that the Navy may have other projects in the housing area in the future, even after this removal action is complete. For example, the Navy is

working on a project on the other side of Westside Drive, where they will install a pilot treatment system for arsenic in groundwater. He added that if an area has been excavated the Navy is not planning to go back to that area, but there may be other work in the housing area, including in backyards.

Mr. Sullivan gave a further explanation of the arsenic in groundwater study. He stated the primary purpose for the study is to protect San Francisco Bay from arsenic, and that groundwater is never used for drinking water at NAVSTA TI, so there is no threat to human health.

Dale Smith (RAB member) stated that at Former Naval Air Station Alameda the Navy is having trouble with people digging into the orange snow fence. She added that the Navy can put various restrictions on leases and other barriers, and people just dig anyway. She added that, at Alameda, a resident dug up their entire yard because of the snow fence; they saw it and kept digging to see how much of it they would find. Mr. Bourgeois stated they had not had that problem at NAVSTA TI, and that hopefully between the visual barrier of the orange snow fence and the JSCO lease restrictions residents will not be digging in their backyards.

Mr. Sullivan added that the Navy takes floor samples when they get to the bottom of an investigation and so far they have come up non-detect. So even the areas just below the snow fence meet the cleanup criteria. Mr. Sullivan stated that, at other installations, there may be contaminated soil below excavations. Also, at NAVSTA TI, the groundwater is more shallow and limits excavation depth. Mr. Bourgeois stated the Navy investigated the housing area on a grid and believes they have covered the area well to make sure they have addressed any gross contaminants. He stated the uses for NAVSTA TI, training specifically, mean that NAVSTA TI does not have the same contamination levels as some of the other installations.

Mr. Rugo asked how the hydroseeding is progressing. Mr. Bourgeois stated they may re-hydro seed some areas. It has been difficult to get the seed to take and to grow because of the dry weather. Shaw will continue to water the hydroseed to get it to establish. Mr. Rugo asked how often Shaw waters the hydroseed. Mr. Bourgeois stated they water daily, and they use side water cannons when driving along Perimeter Road to reach back areas. They also have sprinklers in the areas where they have placed sod to make sure it does not die.

Mr. Sullivan asked if there were any other questions about the housing area project. He noted the project will be a standing item on the RAB agenda.

Building 233 Update

Mr. Sullivan stated he did not have a handout for this presentation, and was just giving a brief update on the work at Building 233 because there had been questions about it at a previous RAB meeting. Mr. Sullivan stated Building 233 has been vacant for many years, even before NAVSTA TI closed in 1997. Building 233 was built in 1944, and was used for Navy classrooms and administration. In 1947 the Navy began using it for their radiation safety school. Mr. Sullivan noted the primary use of NAVSTA TI was training and administration from World War II on.

In January 1950, 40 milligrams of radium sulfate was spilled in a training laboratory on the first floor of Building 233. Mr. Sullivan noted that 40 milligrams is a small amount. The spill was immediately cleaned up to the standards of 1950, and it took the Navy 9 months to decontaminate the building. It was released for continued use as a training school after it was decontaminated.

In 2005 the Navy prepared a Historical Radiological Assessment (HRA). Mr. Sullivan explained the HRA evaluated all of the historical radiological activity that may have occurred at NAVSTA TI, and made recommendations for further actions. That HRA recommended further evaluation of the drain system in Building 233 to verify the work done in 1950 was sufficient to meet current cleanup standards.

The Navy prepared a workplan to assess the residual radioactivity of the building, and in January 2007 the Navy issued a report detailing the findings of their investigations. There was some radon present, which is a degradation product of radium. Radium can also be present as a naturally occurring element in the ground. The radon levels inside and outside the building were about the same, indicating there was no large-scale contamination in the building.

The Navy also prepared a work plan specific to the drain system for Building 233, and that was issued in August 2007. During the investigation, only two sediment samples had the presence of residual radioactivity. Additional samples were collected downstream and there was no indication of residual radioactivity. The contamination is, then, limited in quantity and in location; it appears to be in the drain line right under the building. The conclusion of the report is that detectable residual radioactivity appears to be limited to the drain lines where they are attached to Building 233.

With the draft survey report out for review, the next step will be to address any public and regulatory agency comments then finalize the document. The Navy is

also planning to conduct asbestos removal on the pipes and, remove any radiologically impacted buildings materials, such as floor tiles, then conduct a confirmation survey of the building.

Mr. Sullivan stated the Navy is also evaluating options to demolish Building 233 and just conduct a survey of the former footprint of the building. The path forward will depend on comments on the document and discussions with the regulatory agencies. Whatever work the Navy decides to do will take place within the next year or two.

Ms. Smith asked if the Navy would remove the building pad if they decide to demolish Building 233. Mr. Bourgeois stated Building 233 is built on piers, so there is no building foundation. The piers are concrete, so those would be evaluated and may have to be addressed as well.

Andrea McHenry (resident) asked how the Navy prevents vandals from entering the building and possibly setting fire. Mr. Sullivan stated vandalism is a concern for the Navy, and they keep the building as secure as they can. He noted there have been some buildings that have been set afire on NAVSTA TI. Mr. Sullivan stated there is an increased police presence. Mr. Bourgeois added that Shaw has nailed shut all doors really well and placed notices about asbestos issues inside. Mr. Bourgeois stated there is no power to Building 233, so people most likely will not want to break into it. There were no further questions.

Upcoming Documents and Field Schedule

Documents

Reading from the Document Tracking Sheet, Kevin Hoch (Tetra Tech) presented the following documents that are or would become available in the next 60 days:

- Final Remedial Investigation (RI) Report for Site 32, 30 July 2008
- Draft RI Report for Site 33, comments 29 July 2008
- Final RI/Focused Feasibility Study for Site 24, 3 July 2008
- Final Soil Gas Investigation Sampling and Analysis Plan (SAP), 7 July 2008
- Draft 2007 Annual Groundwater Status Report, Site 12, 2 July 2008
- Draft 2007 Annual Groundwater Status Report, Site 6 and 25, 11 July 2008
- Final Workplan for Sites 21 and 24, 30 June 2008
- Draft PCB Field Activity Report, 21 July 2008
- Final Island Times newsletter number 14, 11 July 2008
- Draft Site Management Plan, 26 June 2008
- Draft Site 30 Record of Decision, 23 July 2008
- Draft Site 31 Record of Decision, 16 July 2008
- Draft Groundwater Monitoring SAP for Sites 6 and 12, 28 July 2008

Field Schedule

Mr. Hoch reviewed field activities scheduled for the next 2 months:

- Site 24 Treatability Study Phase II, beginning date 30 June 2008
- Site 21 Pilot Treatability Study, beginning date 30 June 2008
- Arsenic in Groundwater Pilot Study at Site 12, beginning date to be determined

Ms. Suter asked if the documents mentioned are available to the public. Mr. Sullivan stated the draft documents are sent to the regulatory agencies and the RAB, and placed in the information repositories. The final documents are also put in the information repositories. All documents in the information repositories are available to the public. One repository is on NAVSTA TI, on the first floor in Building 1. The other is at the main San Francisco Public Library, in the government publications section. Mr. Sullivan stated that, if there is public interest in a document, he would be happy to make it available to anyone.

Mr. Gandesbery asked about the scope of the Site Management Plan. Mr. Sullivan explained it is the overall project plan for the entirety of the environmental cleanup program at NAVSTA TI. It is the roadmap for the project, and includes descriptions of all of the sites and a schedule for the program, and is updated at least once a year.

April 2008 RAB Meeting Minutes

Mr. Sullivan asked for any comments on the April 2008 RAB meeting minutes, noting RAB members can send comments later if they do not have any during the meeting. Ms. Smith stated she had comments, but would email them to Mr. Sullivan and Tommie Jean Damrel (Tetra Tech). There was a motion and a vote to approve the April 2008 meeting minutes pending incorporation of comments from Ms. Smith. The April 2008 meeting minutes will be finalized.

Co-Chair Announcements

Alice Pilram (RAB Community Co-chair) stated there would be a celebration on NAVSTA TI called the "Summer Sailstice", hosted by the Sailing Center and affiliated with the Yacht Club. There will be free boat rides and many other activities. Mr. Grasteit asked if there would be event police and any change to traffic patterns. Ms. Pilram said there would be event police, but probably not changes to traffic patterns. She noted the marina will be blocked off and parking will not be allowed there in order to accommodate pedestrian access.

BRAC Cleanup Team Update

Mr. Sullivan stated the BRAC Cleanup Team, or BCT, held two meetings since the last RAB meeting; one in May and one in June. The meetings were fairly

routine, and topics of discussion were similar to the topics at the RAB meeting. They included the Site 12 removal action and the proposed soil gas sampling, which will include putting probes into the soil at various locations in the housing area where chemicals could volatilize. The probes will gather air and it will be analyzed for contaminants. The field work will take only about two weeks, and will happen later in the summer. Mr. Sullivan stated the group also discussed the sediment sampling at Clipper Cove, which used to be a skeet range. That is an ongoing project that will be presented to the RAB. The group also discussed PCB investigations, which has been presented to the RAB before. PCBs were an additive used in oil in electrical equipment to reduce the flammability of the oil. PCBs are no longer used in cooling fluids and electrical equipment. The Navy sampled TI and YBI and found very little PCB contamination. There are a few areas that need to be addressed, but none of them are in the housing area. That project is moving forward. Mr. Sullivan stated the minutes from the BCT meetings go into the information repositories as well.

Other Public Comments and Announcement

Ms. McHenry stated it appears lawns are not being watered as much as they used to be, and she has to water her own front lawn to keep it from dying. She asked if there is a reason the lawns are not being watered and expressed concern that this would result in dust and dirt blowing around. Mr. Sullivan stated the cost of water may have resulted in a decrease in watering, but that is the decision of the City of San Francisco and TIDA. He added that small amounts of dust are not a concern, but that if an area becomes exceedingly dusty the Navy would like to be informed so they can deal with the issue.

Ms. McHenry also stated she is part of the Neighborhood Emergency Response Team, or NERT, for TI. She asked for information about what happened on NAVSTA TI during the 1989 earthquake so NERT would have an idea how to prepare for a future seismic event. Mr. Grasteit stated he had some of that information and would give it to Ms. McHenry.

Mr. Brennan stated that the Citizen's Advisory Board (CAB) met the week before this RAB meeting, but he was unable to attend. He explained the CAB is sponsored by the City of San Francisco, and is focused on redevelopment, whereas the RAB is sponsored by the Navy and is focused on environmental cleanup. The next CAB meeting is scheduled for the first Tuesday in July, and they meet at City Hall, on the third floor. Mr. Grasteit asked if the CAB would have any information on the cut-back in watering in the housing area. Mr. Brennan said they focus on redevelopment rather than current use, so they would not have that information.

Future Meeting Agenda Items

Mr. Sullivan stated that the next meeting is scheduled for Tuesday, 19 August at the Casa de la Vista. Mr. Sullivan said the Navy would present information on the groundwater cleanup at Sites 21 and 24, and in the arsenic in groundwater at Site 12, and also on the sediment sampling at Site 27. Mr. Sullivan stated the Navy also hopes to have a further update on Sites 30 and 31. Mr. Grasteit asked for further updates on the SWDAs. Mr. Sullivan explained that will be a regular item on the agenda. Mr. Gandesbery stated that he is speaking for those who visit NAVSTA TI, and asked for a standing agenda item to cover public access to the waterfront so people will know what is accessible and what is not at any given time. Mr. Bourgeois stated he would add a figure to the presentation showing current temporary fence lines and how long those fences will be present.

June 2008 RAB Meeting Handouts [attached when minutes are finalized]

- TI RAB Meeting No. 136 Agenda, 17 June 2008
- Field Efforts, 17 June 2008
- Document Tracking Sheet, 17 June 2008
- Navy Field Schedule, 17 June 2008

NAVAL STATION TREASURE ISLAND
ENVIRONMENTAL RESTORATION ADVISORY BOARD MEETING

Tuesday, 17 June 2008

7:00 PM.

Casa de la Vista (Building 271)

Treasure Island

MEETING NO. 136

- 6:15 - 7:00 **Optional Site Tour for RAB Members (meet at Casa de la Vista)**
(non-members can attend if empty seats on the van are available)
Lead: James Sullivan, Navy Co-Chair
- 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 - 7:30 **Site 12 (TI Housing) Removal Action Update**
Lead: Pete Bourgeois, Shaw Environmental & Infrastructure
- 7:30 – 7:45 **Building 233 Radiological Survey Overview**
Lead: James Sullivan, Navy Co-Chair
- 7:45 – 7:50 **Upcoming Documents and Field Schedule**
Lead: Kevin Hoch, Tetra Tech EMI
- 7:50 – 8:00 **April 2008 RAB Meeting Minutes**
Lead: James Sullivan, Navy Co-Chair
- 8:00 – 8:05 **Co-Chair Announcements**
Lead: Alice Pilram, Community Co-Chair
- 8:05 – 8:15 **BRAC Cleanup Team Update**
Lead: James Sullivan, Navy Co-Chair
- 8:15 – 8:20 **Other Public Comment and Announcements**
Lead: James Sullivan, Navy Co-Chair
- 8:20– 8:25 **Future Meeting Agenda Items**
Lead: Navy and Community Co-Chairs
- Site 21 and 24 Treatability Studies Update
 - Site 12 Arsenic in Groundwater Study Update
 - Site 27 Clipper Cove Update
 - Sites 30 and 31

Field Efforts Solid Waste Disposal Areas



June 17, 2008
NAVSTA Treasure Island
RAB Meeting

Work at SWDA's



- **Continued Excavation efforts at SWDA A&B**
- **Excavated Soil Segregated for Disposal as Either Class I, II or Low-Level RAD Waste**
- **Continued Scanning using the DART Equipment for Each 1-foot Layer**
- **Continued Maintenance of Hydro-seed and Sod**

Work at SWDA's



- To Date the Octagon shaped items have been confined to the area between Building 1319 and 1321 (reference figure)
- Scanning with the DART and Hand-held devices are being conducted around the excavation boundaries, to determine if further investigation is necessary
- Shaw is working closely with the Navy and RASO to determine a path forward after the completion of the excavation efforts



Disposal of RAD Impacted Soil

To Date at Site 6:

EMS has 128 Bin's on Site

Total Soil Stored = Roughly 2,266 Tons in Bins
Stockpiled Soil with Low Level RAD Waste =
Roughly 2,655 tons

- Each Bin contains roughly 17.7 tons of Low Level Radiological Waste
- Bins are Currently Being Weighed and Sampled by EMS
- EMS has Removed 203 Bins for Disposal Starting on the 20th of February
- EMS Removed 115 Radium Containing Items in 89 containers (i.e. jars, bags, etc) on April 28, 2008

SWDA Restoration



Project Duration: Updated Current Forecast:

**Excavation Work at SWDA A&B Started on September 25, 2007
with an Estimated Completion Date of August/September 2008**

**Completion of soil disposal / demobilization: September/October
2008**

Next Navy RAB Meeting:

The Casa De la Vista

Tuesday, August 19th at 7:00 PM

James.b.sullivan2@navy.mil

Navy Web Site:

www.bracpmo.navy.mil/bracbases/california/treasure_island

**Naval Station Treasure Island
Environmental Cleanup Program
Document Tracking Sheet
June 2008 - November 2008**

| 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 | | | | | Priority Level | 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 | | | | | |
| SulTech - Non Petroleum Related Documents | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | Site 32 Remedial Investigation Report | 94 | 08/18/06 | ✓ | 09/17/06 | ✓ | 10/20/06 | ✓ | 02/14/07 | ✓ | ✓ | ✓ | ✓ | ✓ | 07/27/07 | ✓ | TBD | 06/23/08 | 06/29/08 | 07/30/08 | *Other" agency comments provided by US Fish and Wildlife. | | | |
| | RPM: Scott Anderson PM: Christopher Ohland | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | Site 33 Remedial Investigation Report | 103 | 09/07/06 | ✓ | 10/16/06 | ✓ | 07/29/08 | | 08/28/08 | | | | | | 09/18/08 | 09/18/08 | 09/28/08 | 10/08/08 | 10/22/08 | | | | | |
| | RPM: Scott Anderson PM: Kevin Hoch | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | Site 24 Remedial Investigation Report/ Focused Feasibility Study | 92 /123 | 12/22/06* | ✓ | 01/31/07* | ✓ | 04/30/07 | ✓ | 07/02/07 | ✓ | ✓ | ✓ | ✓ | 03/17/08 | ✓ | 04/01/08 | ✓ | 06/10/08 | ✓ | 06/22/08 | 07/03/08 | * Navy technical review ** Navy legal review | | |
| | RPM: Scott Anderson PM: Jean Michaels | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | Sites 8, 28, and 29 Revised Remedial Investigation Report | 104 | 07/23/07 | ✓ | 08/10/07 | ✓ | 11/19/07 | ✓ | 12/19/07 | ✓ | X | ✓ | ✓ | 07/14/08 | | 08/04/08 | 08/21/08 | 09/04/08 | 09/15/08 | Water Board deferred to DTSC by email 1/15/2008. | | | | |
| | RPM: James Whitcomb PM: John Warmerdam | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | Site 21 Feasibility Study | 144 | 7/8/08* | | 7/22/08* | | 08/26/08 | | 09/25/08 | | | | | TBD | | TBD | TBD | TBD | TBD | TBD | * Navy technical review ** Navy legal review | | | |
| | RPM: Scott Anderson PM: Jean Michaels | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | Soil Gas Investigation SAP | 117 | 04/11/08 | ✓ | 05/30/08 | ✓ | 06/04/08 | ✓ | 06/17/08 | | | | | 1 | 06/27/08 | 06/27/08 | 06/27/08 | 06/30/08 | 07/07/08 | | | | | |
| | RPM: James Whitcomb PM: John Warmerdam | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | Site 27 Feasibility Study | 144 | 7/29/08* | | 8/12/08* | | 10/09/08 | | 11/08/08 | | | | | | 11/29/08 | 12/08/08 | 12/21/08 | 12/31/08 | 01/14/09 | *Navy technical review **Navy legal review | | | | |
| | RPM: Charles Perry PM: Katie Henry | | | | | | | | | | | | | | | | | | | | | | | |
| Sullivan Consulting Group/Tetra Tech EM Inc. - Non Petroleum Related Documents | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | 2006 Annual Groundwater Status Report, Sites 6A and 25 | CLIN0002 | 04/24/07 | ✓ | 05/04/07 | ✓ | 06/12/07 | ✓ | 07/12/07 | ✓ | ✓ | X | ✓ | | 12/21/07 | ✓ | NA | ✓ | 04/11/08 | ✓ | 04/15/08 | ✓ | 04/24/08 | ✓ |
| | RPM: James Whitcomb PM: Hannah Thompson | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | 2007 Annual Groundwater Status Report, Site 12 | CLIN0002 | 05/30/08 | ✓ | 06/17/08 | ✓ | 07/02/08 | | 08/03/08 | | | | | | 08/31/08 | | NA | | 08/31/08 | | 09/10/08 | | 09/21/08 | |
| | RPM: James Whitcomb Hannah Thompson | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | 2007 Annual Groundwater Status Report, Sites 6 and 25 | CLIN0002 | 06/20/08 | ✓ | 06/20/08 | | 07/11/08 | | 08/11/08 | | | | | | 09/14/08 | | NA | | 09/14/08 | | 09/24/08 | | 10/05/08 | |
| | RPM: James Whitcomb Hannah Thompson | | | | | | | | | | | | | | | | | | | | | | | |

**Naval Station Treasure Island
Environmental Cleanup Program
Document Tracking Sheet
June 2008 - November 2008**

| Item | Document Title & Information | CTO/DO | INTERNAL DRAFT | | DRAFT | | | | | | | RTC | | INTERNAL FINAL | | FINAL | Comments | | | | | | | | | | |
|---------------------------------------|---|--------|----------------------------|-------------------|-------------------|-----------------|----------|-------------|----------|------|-----|------------------------------|----------------------------|------------------------|-------------------|-------------------|----------|----------|----------------|----------|----------|--|--|----------|-----|---|--|
| | | | Internal Draft Due to Navy | Navy Comments Due | Draft to Agencies | Agency Comments | | | | | | Preliminary RTCs to Agencies | Resolve and Concur on RTCs | Internal Final to Navy | Navy Comments Due | Final to Agencies | | | | | | | | | | | |
| | | | | | | Date Due | DTSC | Water Board | EPA | TIDA | RAB | | | | | | | OTHER | Priority Level | | | | | | | | |
| Shaw Group | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11 | Site 21 and Site 24 Work Plan | FZN1 | 10/23/07 | ✓ | 10/30/07 | ✓ | 01/17/08 | ✓ | 02/15/08 | ✓ | X | ✓ | ✓ | ✓ | ✓ | ✓ | 06/19/08 | TBD | TBD | TBD | 06/30/08 | Water Board emailed 2/27, no comments. DTSC comments received via email 4/11/2008. | | | | | |
| | RPM: Scott Anderson | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PM: Pete Bourgeois | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12 | Site 12 Work Plan for Arsenic in Groundwater Pilot Study | FZN1 | 09/27/07 | ✓ | 10/29/07 | ✓ | 11/15/07 | ✓ | 12/21/07 | ✓ | ✓ | X | ✓ | ✓ | ✓ | ✓ | 2 | TBD | TBD | TBD | TBD | TBD | EPA deferred comments to DTSC/Water Board via email 1/11/2008. | | | | |
| | RPM: Scott Anderson | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PM: Pete Bourgeois | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | PCB Field Activity Report | FZN1 | 06/20/08 | | 07/07/08 | | 07/21/08 | | 08/20/08 | | | | | | | | | TBD | TBD | TBD | TBD | TBD | | | | | |
| | RPM: Scott Anderson | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PM: Pete Bourgeois | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tetra Tech EM, Inc. | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | Community Relations Plan 2007 | FZN6 | 12/05/07 | ✓ | 01/28/08 | ✓ | 02/11/08 | ✓ | 03/14/08 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | NA | NA | 04/11/08 | ✓ | 05/21/08 | ✓ | 05/30/08 | ✓ | Final will include a response to written comments | |
| | RPM: James Sullivan | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PM: Marcie Rash | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 15 | Island Times Newsletter #14 | FZN6 | 02/18/08 | ✓ | 05/30/08 | ✓ | 05/30/08 | ✓ | 06/13/08 | ✓ | X | ✓ | ✓ | ✓ | ✓ | ✓ | 3 | NA | NA | 06/27/08 | | 07/04/08 | | 07/11/08 | | | |
| | RPM: Charles Perry | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PM: Marcie Rash | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16 | Fact Sheet: Radiological Program Update | FZN6 | TBD | | TBD | | TBD | | TBD | | | | | | | | | TBD | TBD | TBD | TBD | TBD | TBD | TBD | TBD | | |
| | RPM: James Whitcomb | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PM: Marcie Rash | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 17 | Site 12 Radiological Risk Assessment | FZN6 | TBD | | TBD | | TBD | | TBD | | | | | | | | | TBD | TBD | TBD | TBD | TBD | TBD | TBD | TBD | Document in RASO review | |
| | RPM: James Whitcomb | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PM: Marcie Rash | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 18 | Site Management Plan | FZN6 | 05/30/08 | ✓ | 06/18/08 | | 06/26/08 | | 07/26/08 | | | | | | | | | 08/23/08 | TBD | 09/06/08 | | 09/16/08 | | 10/01/08 | | | |
| | RPM: Charles Perry | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PM: Marcie Rash | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Barajas & Associates, Inc. | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 19 | Site 30 Proposed Plan | 17 | 12/22/06 | ✓ | 03/06/07 | ✓ | 03/23/07 | ✓ | 06/18/07 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | 03/07/08 | ✓ | TBD | TBD | TBD | TBD | TBD | TBD | DTSC comments received 2/4/08. DTSC response to Navy's RTCs received 3/20/08. Phone conference to discuss RTCs held on 3/20/08. | |
| | RPM: Charles Perry | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PM: Margaret Berry | | | | | | | | | | | | | | | | | | | | | | | | | | |

**Naval Station Treasure Island
Environmental Cleanup Program
Document Tracking Sheet
June 2008 - November 2008**

| 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 | | | | | Priority Level | 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 | | | |
| Barajas & Associates, Inc. | | | | | | | | | | | | | | | | | | | | | | |
| 20 | Site 31 Proposed Plan | 17 | 01/19/07 | ✓ | 03/06/07 | ✓ | 03/23/07 | ✓ | 06/18/07 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | 02/25/08 | ✓ | TBD | TBD | TBD | TBD | DTSC comments received 2/4/08. DTSC response to Navy's RTCs received 3/20/08. Phone conference to discuss RTCs held on 3/20/08. |
| | RPM: Charles Perry | | | | | | | | | | | | | | | | | | | | | |
| 21 | Site 30 Record of Decision | 17 | 04/30/08 | ✓ | 07/09/08 | ✓ | 07/23/08 | ✓ | 08/22/08 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | TBD | ✓ | TBD | TBD | TBD | TBD | |
| | RPM: Charles Perry | | | | | | | | | | | | | | | | | | | | | |
| 22 | Site 31 Record of Decision | 17 | 04/23/08 | ✓ | 07/02/08 | ✓ | 07/16/08 | ✓ | 08/15/08 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | TBD | ✓ | TBD | TBD | TBD | TBD | |
| | RPM: Charles Perry | | | | | | | | | | | | | | | | | | | | | |
| 23 | Site 11 Remedial Investigation Report | 16 | 01/18/08 | ✓ | 06/17/08 | ✓ | 07/14/08 | ✓ | 08/14/08 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | TBD | ✓ | TBD | TBD | TBD | TBD | |
| | RPM: Scott Anderson | | | | | | | | | | | | | | | | | | | | | |
| Tetra Tech EC, Inc. | | | | | | | | | | | | | | | | | | | | | | |
| 24 | Final Status Survey for Building 343 | 21 | 12/26/07 | ✓ | 03/13/08 | ✓ | 04/07/08 | ✓ | 05/07/08 | ✓ | X | ✓ | ✓ | ✓ | ✓ | 06/09/08 | ✓ | TBD | TBD | TBD | TBD | |
| | RPM: James Whitcomb | | | | | | | | | | | | | | | | | | | | | |
| 25 | Final Status Survey for Building 344 | 21 | 01/02/08 | ✓ | 01/31/08 | ✓ | 05/07/08 | ✓ | 06/07/08 | ✓ | X | X | ✓ | ✓ | ✓ | TBD | ✓ | TBD | TBD | TBD | TBD | 5.28.2008 Water Board emailed they will not provide comments. |
| | RPM: James Whitcomb | | | | | | | | | | | | | | | | | | | | | |
| 26 | Scoping Survey Report for Building 233 | 21 | 01/04/08 | ✓ | 01/13/08 | ✓ | 05/07/08 | ✓ | 06/07/08 | ✓ | X | ✓ | ✓ | ✓ | ✓ | TBD | ✓ | TBD | TBD | TBD | TBD | 5.28.2008 Water Board emailed they will not provide comments. |
| | RPM: James Whitcomb | | | | | | | | | | | | | | | | | | | | | |
| Trevet | | | | | | | | | | | | | | | | | | | | | | |
| 27 | Site 6 and 12 Groundwater Monitoring SAP | TBD | 07/07/08 | ✓ | 07/11/08 | ✓ | 07/28/08 | ✓ | 08/03/08 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | TBD | ✓ | TBD | 08/11/08 | 08/17/08 | 08/29/08 | |
| | RPM: James Whitcomb | | | | | | | | | | | | | | | | | | | | | |

**Naval Station Treasure Island
Environmental Cleanup Program
Document Tracking Sheet
June 2008 - November 2008**

| 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 | | | | | Priority Level | 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 | | | | | | | |

- ✓ 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 30 days or are outstanding.

Yellow shading indicates documents that will be issued draft or final within the next 60 days.

Abbreviations: CTO = Contract Task Order
 DHS = Department of Health Services
 DO = Delivery Order
 DTSC = Department of Toxic Substances Control
 EU = Exposure Unit
 HSP = Health and Safety Plan
 NA = Not Applicable
 PCB = Polychlorinated Biphenyls
 PM = Project Manager
 RAB = Restoration Advisory Board
 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**

April 2008 -
June 2008

| Item | Activity & Investigation Area | DTR # | Field Dates | Navy RPM | CTO/DO | PM | FTL | Complete |
|----------------|---|------------|-------------------------------------|----------------------------------|---------|-----------------------------------|------------------------------------|----------|
| Shaw | | | | | | | | |
| 1 | Site 24 Treatability Study Phase II <i>Site 24</i> | Doc 11 | Start: 06/30/08 Finish: TBD | Scott Anderson (619) 532-0938 | FZN1 | Peter Bourgeois (415) 277-6983 | David Cacciatore (925) 288-2299 | |
| 2 | Site 21 Pilot Treatability Study <i>Site 21</i> | Doc 11 | Start: 06/30/08 Finish: TBD | Scott Anderson (619) 532-0938 | FZN1 | Peter Bourgeois (415) 277-6983 | Dan Leigh (925) 288-2193 | |
| 3 | Non-Time Critical Removal Action <i>Site 12</i> | Doc N/A | Start: 02/26/07 Finish: 06/30/08 | Jim Whitcomb (619) 532-0936 | 10 | Peter Bourgeois (415) 277-6983 | Peter Bourgeois (415) 277-6983 | |
| 4 | Arsenic in Groundwater Pilot Study <i>Site 12</i> | Doc 12 | Start: TBD Finish: TBD | Scott Anderson (619) 532-0938 | FZN1 | Peter Bourgeois (415) 277-6983 | Peter Bourgeois (415) 277-6983 | |
| 5 | PCB Abatement <i>Baswide</i> | Doc N/A | Start: 12/17/07 Finish: 6/3/2008 | Scott Anderson (619) 532-0938 | FZN1 | Peter Bourgeois (415) 277-6983 | Peter Bourgeois (415) 277-6983 | ✓ |
| SulTech | | | | | | | | |
| 6 | Site 27 Sediment Investigation <i>Site 27</i> | Doc 7 | Start: 03/17/08 Finish: 03/21/08 | Charles Perry (619) 532-0911 | CTO 043 | Katie Henry (415) 222-8209 | Hannah Thompson (415) 321-1788 | ✓ |
| 7 | Soil Gas Investigation <i>Site 12</i> | Doc 6 | Start: July TBD Finish: TBD | Jim Whitcomb (619) 532-0936 | CLIN | Hannah Thompson (415) 321-1788 | Hannah Thompson (415) 321-1788 | |
| 8 | Site 12 Groundwater Sampling <i>Site 12</i> | Doc N/A | Start: TBD Finish: TBD | Jim Whitcomb (619) 532-0936 | CLIN | Greg Alyanakian (858) 869-3110 | Greg Alyanakian (858) 869-3110 | |

**Naval Station Treasure Island
Navy Field Schedule**

**April 2008 -
June 2008**

| Item | Activity & Investigation Area | DTR # | Field Dates | | Navy RPM | CTO/DO | PM | FTL | Complete |
|------------|--|------------|-------------------|-----------------|--------------------------------|--------|-------------------------------|--------------------------------|----------|
| EMS | | | | | | | | | |
| 9 | Site 12 Removal Action Soil Sampling <i>Site 12</i> | Doc N/A | Start: Finish: | 12/05/07 TBD | Jim Whitcomb (619) 532-0936 | NA | Dawn Roarty (916) 919-4785 | Salem Attiga (925) 939-0687 | |

CTO - Contract Task Order

DO - Delivery Order

DTR # - Denotes document tracking reference. The number listed corresponds to the associated documentation listed on the Document Tracking Sheet

FTL - Field team lead

N/A - not applicable, there is no associated documentation listed on the DTS.

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.