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

Meeting # 147 20 APRIL 2010

Community Restoration Advisory Board (RAB) Members in attendance:
Dale Smith

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

Other Navy and Regulatory Staff and Consultant Representatives in attendance:
Scott Anderson (Navy) Pete Bourgeois (Shaw Environment and Infrastructure [Shaw]), David Clark, (Navy), Kevin Hoch (Tetra Tech EM Inc. [Tetra Tech]), Tommie Jean Valmassy (Tetra Tech)

Public Guests
Tom Gandesbury (San Francisco Boardsailing Association), Kixon Meyer, (Bay Ship & Yacht Co., commercial tenant), Victoria Schlesinger (community member), William Smith (community member) Bob Winston (Bay Crossings, commercial tenant)

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.) There were no comments or requested additions to the agenda.

Public Comment and Announcements
Mr. Sullivan noted there are two public comment periods included in the RAB agenda to provide members of the public an opportunity to comment on the Navy's environmental program at Former Naval Station Treasure Island (NAVSTA TI): one at the start of the meeting, and one near the end. Attendees are also encouraged to ask questions or make comments at any time during the meeting. Dale Smith (RAB member) asked if any members of the public were present. Several attendees indicated they were members of the public (as opposed to contractors working for the Navy at NAVSTA TI).

Property Transfer and Finding of Suitability to Transfer (FOST) Update

Mr. Sullivan provided an update on the status of property transfer, including the FOST (Attachment B). He noted this presentation is a minor update to the presentation given at the February 2010 RAB meeting, and will be a regular agenda item to keep the RAB updated on the status of transfer.

Mr. Sullivan reminded everyone that Secretary of the Navy Ray Mabus and Mayor of San Francisco Gavin Newsom reached an agreement on the general terms of an economic development conveyance (EDC) to transfer the remaining Navy-owned portions of TI and Yerba Buena Island (YBI) to the Treasure Island Development Authority (TIDA). TIDA is the government board, appointed by the mayor, that will undertake redevelopment of NAVSTA TI. Mr. Sullivan said the first conveyance is planned for late 2010 or early 2011. That schedule depends, in part, on the City's schedule for the California Environmental Quality Act (CEQA) review. The city is preparing a draft Environmental Impact Report (EIR) that will be issued in spring or summer 2010. The city cannot accept the property until a CEQA document is completed. Ms. Smith asked what is delaying the CEQA document, and specifically if the Navy or regulators were asking for more information for the document. Mr. Sullivan stated there is no delay, and added the Navy does not review the document; instead, they simply provide the city with information. He added that he could ask the city to make a presentation at a future RAB meeting about their CEQA process.

Ms. Smith asked why the city is preparing an EIR instead of an Environmental Impact Statement (EIS), which is typical for federal property. Mr. Sullivan responded the EIR satisfies the state CEQA requirements. The Navy previously prepared the EIS for all of NAVSTA TI, satisfying the National Environmental Policy Act (NEPA) requirements. Mr. Sullivan added this scheduled transfer is not an early transfer; it is a transfer of land where applicable environmental cleanup has been completed.

Mr. Sullivan said NAVSTA TI encompasses 1,075 acres, of which half is submerged lands. In 2006, 247 acres were determined to be suitable for transfer [and two FOST documents were prepared; for TI and YBI]. Approximately 577 additional acres are currently FOST-ready, and the Navy is preparing a new FOST. In addition, there is FOST-anticipated land that is proceeding through the environmental program. Mr. Sullivan directed the audience to the figure on slide 4, color-coded to indicate the various stages of readiness for transfer. He noted TIDA would like to take over the areas shaded purple, but that may not be transferable yet. He noted that TIDA may need some of those areas for utilities work on portions of property that are transferred, in which case the Navy may be able to provide an easement or interim agreement to allow access prior to deed transfer.

Ms. Smith noted that most of the areas shown in orange (the areas where a draft FOST is being prepared) are blank in the Site Management Plan (SMP) document. She asked if they are blank because, when the SMP figure was created, the Navy did not know those areas would be covered in a FOST. Mr. Sullivan responded that the figure in the SMP showed areas that had already been covered by a FOST, and anything else was left blank. The Navy did know that additional property would be transferred by FOST, but that figure was meant to show the areas with a completed FOST.

William Smith (community member) asked if it would be possible to see a map with the transfer color coding over a map of the current island showing the current roads and buildings. Mr. Sullivan said the Navy would provide such a map to Mr. W. Smith and to the RAB.

Mr. Sullivan reviewed the list of FOST-anticipated sites. He noted that the Navy and its contractors are completing the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) documentation, including a Land Use Control Plan, for Site 30. For Site 31, Mr. Sullivan said Shaw is in the field [conducting remedial action], and Pete Bourgeois (Shaw) will give an update on the work later in the agenda.

Mr. Sullivan then reviewed the areas that are desired by TIDA, but that will not be ready for the 2010 FOST. Those sites include Sites 21 and 24, where the Navy is addressing groundwater issues. Another such site is Site 33, the Water Line Replacement Area. Mr. Sullivan said TIDA would also like the Building 233 radiological site, but the Navy is still addressing environmental conditions there. The Navy will demolish Building 233 and then conduct a radiological final status survey later in 2010.

Mr. Sullivan stated that the Navy will give regular updates on the status of transfer at future RAB meetings.

Field Activities Update, Site 12 Arsenic in Groundwater, and Sites 21, 24, and 32

Mr. Sullivan introduced Scott Anderson (Navy) to provide an update on field activities (no handout) at Sites 21, 24, and 32, and on the Site 12 arsenic work. Mr. Anderson said he would discuss projects at these sites, which are not currently active in the field. He added that the Navy and its contractors are conducting a treatability study for arsenic in groundwater at Site 12. As part of the investigation, petroleum was unexpectedly discovered in the groundwater. Monitoring wells have been installed to investigate the petroleum. However, he noted that because of the rainy weather the water table is too high to collect good samples. The Navy is waiting for drier weather and then will collect samples, so that work is currently on hold. Mr. Anderson stated the team expects to be

sampling the treatability study wells and the petroleum wells by late May or early June and hope to have data by mid-June.

Mr. Sullivan added that groundwater is not used as drinking water at NAVSTA TI. All drinking water on TI and YBI is pumped in from San Francisco via the Bay Bridge. However, the groundwater is a concern because of its potential to migrate to the bay, and the Navy wants to make sure the groundwater with elevated levels of arsenic does not enter into the bay. He noted that concern is why there are monitoring wells along the bay at that location.

Mr. Anderson said the Navy has been monitoring the wells along the bay. He said the petroleum affects how the Navy can address the arsenic. Therefore, the Navy is gathering data to address the petroleum, and then will revisit the arsenic.

Mr. Anderson moved on to Sites 21 and 24. He said groundwater is contaminated with chlorinated solvents at both sites, and two active treatability studies are in progress. Mr. Anderson said the treatment is enhanced in situ bioremediation, and the studies are in the monitoring phase. The Navy has obtained four quarters of monitoring data for Site 21, and two quarters for the majority of Site 24. Mr. Anderson noted he had sent an e-mail with the latest data to the RAB before this meeting. He also said the Navy's contractors are conducting the current quarterly sampling at both sites in the week of April 19, 2010, and the data will be sent to the RAB when they are available, in about a month. He added that if any members of the public would also like to see the data, he would send it to them as well. Mr. Anderson added that all of this information is provided to the Base Realignment and Closure (BRAC) Cleanup Team (BCT), and the Navy seeks BCT agreement on decisions about monitoring, sampling, and evaluating the resulting data.

Mr. Anderson said the Navy generally wants four quarters of data from the monitoring phase, which are then used to write the treatability study report, which evaluates the treatment. He stated that this quarter is the last the Navy will be sampling at Site 21 before it prepares a treatability study report, and the Navy will sample at Site 24 for two or three more quarters before a report is prepared.

Ms. Smith asked if Mr. Anderson could give a general idea about how well the treatability study is working. Mr. Anderson responded that at Site 21, the results appear good. Remedial goals were set up for the site based on commercial/ industrial reuse, and the levels have been below that the goal for all four quarters; he added that the levels are close to unrestricted residential reuse, except for a few wells. Mr. Bourgeois added that, for Site 24, the data look good, but it is too early to make an assessment.

Mr. Anderson explained that Site 24 contains Building 99, which was a dry cleaning facility. Because of that use, there are significantly higher levels of chlorinated solvents in the groundwater at Site 24, than at Site 21. To address the higher levels, the Navy and Shaw had one recirculation system in the source area, then three other recirculation loops to address the areas downgradient from the source plume. He stated it appears treatment is progressing well, but agreed with Mr. Bourgeois that it is too early to assess.

Mr. Anderson and Mr. Bourgeois moved on to a brief update on Sites 31 and 32. Mr. Anderson said Site 32 is the triangle-shaped site just east of the wastewater treatment plant, on the northeastern portion of TI. Mr. Anderson said the Navy and its contractors conducted a soil removal to address polychlorinated biphenyls (PCB) in soil, and during the excavation discovered petroleum. He noted that field work is completed, and the confirmation sample data are all below criteria. He said the BCT gave approval on the confirmation samples and the plan to backfill the excavation with clean fill. Mr. Anderson added the Navy installed two monitoring wells in the area to evaluate petroleum in groundwater. He said the first round of sampling for those wells shows results that are below criteria. Ms. Smith asked if the criteria at that site are for commercial/ industrial reuse. Mr. Anderson responded the cleanup at Site 32 is to unrestricted residential reuse.

Mr. Anderson also said the Navy is writing the construction completion report for the work at Site 32. Because the contaminants of concern have been removed, the Navy is reevaluating the risk assessment for the site. Following the CERCLA process, the Navy should be able to complete a no-action record of decision (ROD) for the site. He added that monitoring the wells is ongoing. Mr. Anderson stated that Site 32 is a success story because the process used will save time and money and allow the site to potentially be transferred within a year and a half, which is sooner than was originally anticipated.

Ms. Smith asked if the remediation is following President Obama's green cleanup standards. She noted this cleanup began before President Obama was in office, and asked if the Navy then did not have to follow the guidelines. Mr. Anderson said the Navy has been considering green remediation and including environmental impact in evaluating remedial alternatives. Mr. Anderson noted that there was less environmental impact for Site 32 to dig and haul the soil than to bring in a remediation system that may have to operate over a long period of time. He said an internal directive from the Navy requires review of green alternatives.

Ms. Smith said that sending contaminated soil to a landfill may seem like a good idea, but has an impact on the location that hosts the landfill because the contaminants will still remain. Mr. Anderson said that the contaminant levels at

Site 32 were fairly low, and the soil can be segregated at the landfill to reduce further impact.

Mr. Winston asked about any cleanup efforts the Navy has been taking in the area of Pier 1 and the kind of reuse that will be permitted in the area. Mr. Sullivan asked if Mr. Winston was referring to the pier itself, or to the land adjacent to the pier. Mr. Winston said he wanted to know about both. Mr. Anderson said that, for the land adjacent to Pier 1, historically there was petroleum contamination from a fuel farm. He noted a cleanup has been completed there but there are some restrictions related to how soil from a deep excavation must be handled. Mr. Sullivan noted future construction would not be prohibited in the area, but that certain restrictions are in place that might require a soil management plan to dig to a certain depth. Mr. Winston asked about reuse scenarios that had been mentioned, such as residential versus industrial/commercial, and asked if residential reuse would be allowed at this site. Ross Steenson (Water Board) stated that, typically, residential reuse is not permitted if there are restrictions. Commercial/industrial reuse is likely planned, and not residential. Mr. Anderson said that reuse is currently restricted to commercial/industrial, but that if the city would like to change the restriction, it could potentially conduct an excavation, with the proper soil management plan, that would then remove the restriction.

Mr. Winston asked about the reuse for Pier 1 itself. Mr. Sullivan said the pier is a concrete structure. The Navy's cleanup program typically considers soil, groundwater, and sediment. The Navy also conducted lead-based paint and asbestos surveys, and there are no issues with the pier. As for the sediments beneath the pier, they were evaluated as part of the Site 13 offshore sediments investigation, which concluded there are no contaminants in sediment that need to be cleaned up. As a result, there are no restrictions and the document has been completed for the offshore areas, including the area under the pier. Mr. Sullivan noted the offshore exception is Site 27, the Clipper Cove area. Cleanup is required in that area, and the Navy will be selecting and implementing a cleanup alternative over the next few years.

Mr. Sullivan added that, although there are no sediment restrictions outside of Site 27, a dredge permit must still be obtained through the U.S. Army Corps of Engineers.

Field Activities Update, Site 12 Removal Action and Access Update
Mr. Bourgeois moved on to an update on the Solid Waste Disposal Areas (SWDA) at Site 12, the TI Housing Area (Attachment C). He showed a figure color-coded to indicate the depth of excavation as of 25 March 2010, noting most of the excavation work has been completed. Mr. Bourgeois said the Navy has added some tasks to the scope of work, requesting that Shaw demolish three

buildings (1319, 1321 and 1123). He explained that Shaw has found contamination that is underneath the buildings, and there is no way to access it without damaging the buildings because they are slab-on-grade construction. Ms. Smith asked if any of the buildings are occupied. Mr. Bourgeois said none of the buildings in the fenced off area are occupied. [Occupied Building 1325 is outside the fence and was remediated as part of the SWDA]. He also said the buildings that will be demolished are 1321, 1319, and 1123.

Mr. Bourgeois said Shaw is storing the blue bins with the excavated low-level radiologically contaminated soil at Site 6, adjacent to Site 12 and near the wastewater treatment plant. To date, 677 bins of soil have been removed, which is about 15,000 tons of material.

Mr. Bourgeois stated Shaw is continuing the excavation along Westside Drive. He noted the excavation work around Buildings 1123 and 1121 has been completed, and Shaw is now collecting side-wall and radiological samples. He showed photos of the sampling. Mr. Bourgeois said there is a plan in place for a final status survey, and the methodology for collecting samples to obtain final closure through the regulatory agencies. Mr. Bourgeois said that rain has delayed the work, but Shaw is continuing with the excavation.

Mr. Bourgeois reviewed photos showing the process of removing the soil. He explained the soil from Westside Drive is taken to Lester Court, which is the next street, and put on a laydown pad. Then, the soil is held in the blue bins and surveyed to Department of Transportation (DOT) standards before it leaves Lester Court to be kept at Site 6. Mr. Bourgeois said each excavator bucket is scanned, and then after it is transferred into a front-end loader bucket it is scanned again before it goes to Lester Court. Mr. Bourgeois noted Shaw had cut and capped a waterline and also scanned the portions of waterline that were removed. He further noted the scanning can occur on rainy days when further excavation is not possible.

Mr. Bourgeois said that about a month is required for the samples being analyzed for radiological constituents to be analyzed by the laboratory. He said that so far the results have been excellent and it seems cleanup is progressing within the area of radiological contamination.

Mr. Steenson asked if the buildings planned for demolition are the buildings TIDA wanted demolished, and if TIDA is aware of the current plans to demolish them. Mr. Sullivan said those buildings were previously discussed with TIDA, and they are aware of the demolition schedule. Ms. Smith asked if TIDA had wanted to use those buildings. Mr. Anderson explained that, because contamination was found beneath the buildings, TIDA had asked for them to be removed and did not have any plans to occupy the buildings. Mr. Sullivan

added that TIDA had requested the Navy demolish the buildings during the current field work, rather than continuing through the CERCLA process and incurring extra time and cost to remobilize in the future.

Tom Gandesbury (San Francisco Boardsailing Association) asked for an update on access to the area. Mr. Bourgeois said the access along Perimeter Road and around Shaw's excavation will remain closed until the excavation is complete. Mr. Bourgeois pointed out the location of Perimeter Road on the map to indicate which areas are closed. Mr. Gandesbury asked if that area is closed to vehicles, and Mr. Bourgeois responded that it is. Mr. Sullivan stated that the road was a security and maintenance road when NAVSTA TI was an active naval base. In addition, it became a pedestrian pathway when TIDA began leasing the property. Mr. Bourgeois explained Shaw must use it now to move vehicles and equipment to Site 12 for the work there. He noted that Perimeter Path is open to foot traffic from the south to the Westside Drive/Lester Court excavation, where it is then fenced off. [The Perimeter Path is open to foot traffic north of Lester Court and east all the way to Avenue M including the boatramp area.] At Avenue M leading to the Austin Hall area the path is fenced with a sign indicating the road is closed. Mr. Bourgeois added that the road will remain closed until the project is complete.

Mr. Bourgeois also added that the parking lot area of Austin Hall will also remain closed because is surrounds the Site 6 area, where the low-level radiological waste is stored before it is shipped off-island. He noted that the boat ramp is open to the public and said that TIDA has worked with the boardsailors to allow them access to the bay through Northpoint Drive. In addition, the parking lot in front of Building 1233 on Northpoint Drive is open, so boardsailors can park there and carry their boards across to the boat ramp.

Mr. Gandesbury asked if Shaw and the Navy could store all of the low-level radiological waste at Lester Court and stop using Site 6. Mr. Bourgeois explained there is not enough room to store it all at Lester Court, which is a small area. The bins are 20-cubic-yard boxes, and there are 60 of them at Site 6.

Mr. Gandesbury asked for confirmation that Site 32 has been cleaned up and that the cleanup has been approved and is considered complete. Mr. Bourgeois said Shaw has finished the work, but still must complete the field activity report. He added that the field team is doing a site walk with the Navy the day after this meeting to verify the Navy is satisfied with the work that has been completed. He added that the site remains closed to the public and will remain so until the report is completed because the Navy has not leased it to the city.

Mr. Sullivan also said that the current closure at Site 32 does not preclude future public access or use. He said that the recent removal was a PCB abatement

under the Toxic Substances Control Act (TSCA). The Navy believes it has successfully cleaned it to unrestricted residential reuse, but still must take the site through the rest of the CERCLA process. Mr. Anderson said the statement is correct: Site 32 must go through the CERLCA process. The Navy and its contractors will soon begin revising the human health risk assessment, incorporating new groundwater data received from the laboratory. Once the risk assessment is done, it will be combined with Shaw's construction completion report and will go to the BCT for their review and concurrence. If the result is that there is no risk, the Navy will prepare a no-further-action ROD. If a no-further-action ROD is finalized, then the site could be closed, potentially with no restrictions. Mr. Gandesbury asked how long the process described might take. Mr. Anderson said it will take more than 1 year, but he cannot give an exact estimate. Mr. Sullivan said the process will include a Proposed Plan (PP), which is a fact sheet-style document sent to the entire community mailing list.

Mr. Gandesbury asked if that area is currently fenced down to the waterline. Mr. Bourgeois said Shaw had removed some of the fence during field operations and that fencing will not be installed again. However, the entire site itself on the land side is fenced. Mr. Sullivan added that some of that fencing is not specifically for Site 32— for example, the wastewater treatment plant abuts the site and it is fenced.

Mr. W. Smith asked if the Navy would excavate the soil after the three buildings in Site 12 that were mentioned earlier are demolished. Mr. Bourgeois said contamination leads underneath those buildings. Shaw will be excavating under the buildings once they are demolished and the concrete pads are removed.

Site 31 Remedial Action Update

Mr. Sullivan said that, although Mr. Anderson briefly discussed Site 31 in the field activities update, a full presentation will also be given because there is so much work going on at the site. Mr. Bourgeois noted there is a handout for this update, and it includes information about Site 32 in addition to Site 31 (Attachment D).

Mr. Bourgeois began with Site 31, noting it is the former south storage yard. He said it is across from the daycare center. He pointed out the locations of debris areas A through E and showed photographs. Mr. Bourgeois said Shaw had completed the excavation and collected all of the confirmation samples at Site 31. Mr. Bourgeois said the field team approached this project aggressively. If the team members saw any staining, contamination, or burnt debris, they did not wait to sample; it was immediately removed. Once the excavation was complete, the confirmation sample results were good. The results were presented to the BCT; then, with concurrence, Shaw backfilled the excavation.

Mr. Bourgeois showed a photograph of the team laying down orange snow fence as a barrier between native material and the fill material. Ms. Smith asked how far down the team dug, and Mr. Bourgeois stated the depth was 6 feet. He added 6 feet is the norm for this excavation, unless something unusual is encountered.

Mr. Bourgeois showed a photograph of the team removing a terra cotta pipe, which was an old storm drain. The team removed the pipe and put in new polyvinyl chloride (PVC) pipe and rock. It was tied in with the new storm drain system, resulting in an upgraded storm drain system at the site. Mr. Bourgeois referred to the map in the handout and said the areas in purple, debris areas C and E, have been completed and backfilled to grade. He noted that debris areas A and B were originally part of a time-critical removal action completed several years ago.

Mr. Bourgeois stated that the team is currently working on Area D, which is a portion of the parking lot and the Gaelic Field. He noted the intersection of 11th Street and Avenue E is temporarily closed while the excavation is completed. Mr. Bourgeois said there will be an updated map at the next RAB meeting showing the revised contamination boundaries because there are updates and the area is larger than originally anticipated. Ms. Smith asked if Shaw will have to adjust its contract and ask for additional funds to accommodate the change in size. Mr. Bourgeois responded that Shaw and the Navy were currently discussing a contract modification. Because of the size increase, there would likely be a request for additional funds.

Mr. Bourgeois said that all the soil that is removed is held on a laydown pad. It is 20 millimeters of plastic, then 6 inches of clean fill on top, then the soil that has been excavated. That way the equipment will not run over the plastic and tear it when the soil is being deposited on or removed from the laydown pad, and there is never any non-clean soil touching the ground.

Mr. Bourgeois moved on to Site 32. As stated by Mr. Anderson earlier, the work at Site 32 has been completed. In addition to the excavation and backfilling, Shaw surveyed the limits of the excavation as well as the sample locations so the exact areas have been recorded. Mr. Bourgeois said that a hydroseeding company was hired to spray the entire area with a mix of drought-resistant grass and wildflowers. He showed photographs of the hydroseeding and noted the large amount of recent rainfall has been good for the vegetation.

Mr. Sullivan pointed out that the photo of the hydroseeding also shows that the fence at Site 32 has been removed along the seawall, as discussed earlier in the meeting. Mr. Bourgeois added that Shaw and the Navy still want to prevent

access onto the site from the seawall side. He added the other three sides are still fenced off.

Ms. Smith asked if the types of vegetation used in the hydroseed are native species, and Mr. Bourgeois stated they are not. He added there are some native species, but not all. A company was hired to examine plants already in the area and consider what will grow quickly and be drought resistant. Mr. Sullivan added this ground cover is strictly interim, primarily for dust control. Eventually, the city will be redeveloping the entire area. Ms. Smith said the Navy should have used only native species. She added that the planned reuse is for a native wetland area, and because the Navy and Shaw introduced non-native seed and aggressive grasses, it will impact future native vegetation. She added that the city may have to spend numerous hours and financial resources to remove the non-native vegetation. Mr. Bourgeois said he did not know the exact mix of vegetation in the hydroseed and indicated it may include some native grasses. He agreed to review the tag listing the contents of the mix and share the information with Ms. Smith. He noted that information will also be in the final report for the site.

Ms. Smith asked if Shaw uses any companies that employ at-risk youth to work on the cleanup projects. Mr. Bourgeois said the Navy sets goals that its contractors must reach for working with small, disadvantaged, woman-owned, and other similar businesses. He noted a percentage of every contract must go to small business and added that those companies must still meet certain technical requirements. He added Shaw has mentor-protégé programs with several companies. These agreements allow those companies to become involved and accept some of the work, while being mentored by Shaw. He added that Innovative Technical Solutions, Inc. (ITSI) was a former protégé firm to Shaw and is now a competitor.

Mr. Gandesbury said there is a concern for sailboarders with regard to the fencing along the seawall area. He noted sailors on the bay when the wind dies will likely wash up on the shoreline of the eastern edge of TI. They would have to swim against the current, which is often impossible, or walk across the rip-rap, which can be difficult and dangerous. He added that if the fence was 6 feet back from the seawall, it would provide a greater degree of access and safety to sailors. Mr. Anderson said that currently there is no fencing along the seawall area. Mr. Bourgeois added the boat ramp area was opened specifically to accommodate the sailboarders, and Mr. Gandesbury said that is appreciated. Mr. Bourgeois added that some property has not been leased by the Navy to TIDA, so the Navy is still liable for the property and has to consider liability when determining public access. Mr. Bourgeois added the Navy could answer any further questions about access.

Mr. Gandesbury asked about the tidal influence at the excavation sites and how or whether the Navy and their contractors dewater. Mr. Bourgeois said it is not possible to dewater. He added that the contaminants are primarily heavy metals, so they do not release into the water and migrate to the bay.

Upcoming Documents and Field Schedule

Documents

Mr. Sullivan introduced Kevin Hoch (Tetra Tech) to review the Document Tracking Sheet (Attachment E) and the Field Schedule Sheet (Attachment F). Mr. Hoch reviewed the documents that will be issued or when comments are due within the next 60 days; all of them are highlighted on the attachment. Mr. Hoch noted that the SMP was issued the week of April 19, 2010, and Ms. Smith asked if the RAB receives a copy. Mr. Sullivan said that in previous years the RAB had opted not to review the draft SMP, and to receive only the final. He said Ms. Smith can receive a copy. Ms. Smith responded she would like a copy of the draft SMP, and she will provide comments. She noted she finds the document useful.

Field Schedule

Mr. Hoch said the field activities highlighted in yellow will begin or end in the next 60 days. He noted the Site 31 work that was discussed during the meeting is ongoing through May 2010. In addition, groundwater sampling will take place at Sites 6 and 12, and the Site 6 data gaps work will begin in early June.

Mr. Sullivan referred back to the Document Tracking Sheet, noting that the PP for Site 28 would be issued in May. He noted there would be a public meeting, which is currently being scheduled. Often, the Navy tries to hold the public meeting just before the RAB meeting, but because it occurs during a non-RAB month, there will be a separate public meeting for the document. Ms. Smith asked if it would make sense to have a RAB meeting in May, after the PP meeting, and then skip the meeting in June. Mr. Sullivan said there would not be enough time to plan or to put together a RAB agenda by May. He noted the public meeting will likely be on May 12, 2010.

RAB Meeting Minutes

Mr. Sullivan asked if there were any comments on the February 2010 meeting minutes. Ms. Smith provided comments, then approved the minutes pending input from Nathan Brennan (RAB member), who was also at the February 2010 meeting.

Co-Chair Announcements

Mr. Sullivan noted Ms. Pilram could not attend and stated she did not have any announcements for him to make on her behalf. Mr. Sullivan noted he wanted to discuss the RAB meeting schedule. He said there had been discussion about

reducing the frequency of meetings, but now the Navy has concluded the regular, every-other-month schedule should proceed. He added that the discussion about changing the meeting schedule began before the Navy and city reached an agreement on general transfer terms. Since that agreement, there is more activity and more to update the RAB about.

Ms. Smith said that RAB meetings are mandated by federal law and noted that she wants to make sure that, even if the schedules are adjusted, they continue to be open and easily accessible to the public. She added in-person meetings are important because many community members are not able to attend by phone or computer.

BRAC Cleanup Team Update

Mr. Sullivan gave a brief update on the two BCT meetings held since the last RAB meeting, in March and April 2010. He noted the meetings are always held the first Wednesday of the month. Mr. Sullivan said the BCT discussed the path forward for Site 33; it is a site that TIDA would like transferred sooner rather than later, but it still has to go through several steps of the CERCLA process. Mr. Sullivan said that a potential path forward is to use the Site 31 ROD and include an Explanation of Significant Differences (ESD) for Site 33. Then, the Navy would need only a work plan to cover the work at Site 33, which could speed up the cleanup process.

Ms. Smith asked if this ESD could be used because both sites are mostly soil cleanups. Mr. Anderson conditions at both sites are similar. In addition, Sites 31 and 33 were both investigated as part of the same initial investigation, and both sites were identified during the same data gaps investigation. Ms. Smith also asked if this approach has been used on other bases. Mr. Anderson stated it has been used at other bases. He added that the Navy and Department of Toxic Substances Control (DTSC) held a meeting that included their legal departments and agreed to move ahead with the ESD. The plan for moving ahead was presented to the BCT in April.

Mr. Sullivan stated the BCT had also discussed other work, such as the Site 28 PP. He noted the Navy had attempted to locate a document that was not a CERCLA document, but had been referenced in a previous CERCLA document. The Navy was unable to locate the document, so the Navy resolved at the BCT meeting to move forward.

The BCT also discussed the Navy's plans to complete a feasibility study (FS) at Site 27, Clipper Cove Skeet Range. He noted the Navy had received regulatory comments, but could not agree on the responses to comments. The team met with the city and its developer, and the developer's engineer is reviewing the FS and will propose modifications that could lead to consensus on the path forward. Ms. Smith asked what that path forward might be. Mr. Sullivan said the Navy

has been leaning toward the alternative of focused dredging. The specific alternative includes a stone cover to prevent further erosion. The city's engineer will be making recommendations to modify the rock cover, however, it would still be focused dredging.

Mr. Sullivan stated the next BCT meeting will be held in San Diego and will be an extended, one-and-a-half day meeting. It is timed with the draft SMP document so the team can thoroughly discuss the document. It was confirmed that Ms. Smith will receive a hard copy of the draft SMP, and she will submit comments electronically. Mr. Sullivan noted the Navy generally tries to complete the update before the next fiscal year, which would mean finalizing it in September.

Other Public Comments and Announcements
Mr. Sullivan said he received a notice that there will be a special display of NAVSTA TI naval history that the museum has compiled, called "A Salute to Sea Services." Ms. Smith asked if that display would be at Building 1. Mr. Sullivan stated he did not know the details, but would check and inform the RAB.

Future Meeting Agenda Items
Mr. Sullivan noted that the data requested by Mr. Brennan on Sites 21 and 24 had been sent to him. He said that in June the Navy would like to once again have a RAB tour the hour before the meeting.

Mr. Sullivan noted the next RAB community conference call is scheduled for Tuesday, 25 May 2010. The next RAB meeting is 15 June 2010. The meeting was adjourned.

April 2010 RAB Meeting Handouts
- Attachment A: NAVSTA TI RAB Meeting No. 147 Agenda, 20 April 2010
- Attachment B: Property Transfer and FOST Update
- Attachment C: Field Efforts, Solid Waste Disposal Areas
- Attachment D: Field Activities, Site 31 and 32
- Attachment E: Document Tracking Sheet, 20 April 2010
- Attachment F: Field Schedule, 20 April 2010

NAVAL STATION TREASURE ISLAND
ENVIRONMENTAL RESTORATION ADVISORY BOARD MEETING
Tuesday, 20 April 2010
7:00 PM.
Casa de la Vista (Building 271)
Avenue of the Palms
Treasure Island

MEETING NO. 147

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 – 7:20 **Treasure Island/Yerba Buena Island Property Transfer Update**
Lead: James Sullivan, Navy Co-Chair

7:20 - 7:35 **Field Activities Update**
(Site 12 Arsenic in Groundwater, Sites 21 and 24, and Site 32)
Lead: Scott Anderson, Navy RPM and Pete Bourgeois, Shaw E & I

7:35 - 7:45 **Site 12 (TI Housing) Removal Action and Access Update**
Lead: Pete Bourgeois, Shaw E & I

7:45 – 8:00 **Site 31 Remedial Action Update**
Lead: Scott Anderson, Navy RPM and Pete Bourgeois, Shaw E & I

8:00 – 8:05 **Upcoming Documents and Field Schedule**
Lead: Kevin Hoch, Tetra Tech EMI
- Site 28 Proposed Plan and Public Meeting

8:05 – 8:10 **RAB Meeting Minutes**
Lead: James Sullivan, Navy Co-Chair

8:10 – 8:15 **Co-Chair Announcements**
Lead: Alice Pilram, Community Co-Chair
- 2010 RAB Meeting Schedule

8:15 – 8:20 **BRAC Cleanup Team Update**
Lead: James Sullivan, Navy Co-Chair

8:20 – 8:25 **Other Public Comment and Announcements**
Lead: James Sullivan, Navy Co-Chair

8:25– 8:30 **Future Meeting Agenda Items**
Lead: Navy and Community Co-Chairs

8:30 **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 May 2010 Meeting

7:00 pm Tuesday, 15 June 2010
Casa de la Vista, Treasure Island

No July 2010 Meeting

7:00 pm Tuesday, 17 August 2010
Casa de la Vista, Treasure Island

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

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

Tuesday, 25 May 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. **Tuesday-Wednesday** 4-5 May 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

BRAC Program Management Office

Naval Station Treasure Island
Property Transfer & FOST Update

Restoration Advisory Board
April 20, 2010

Property Transfer & FOST Update

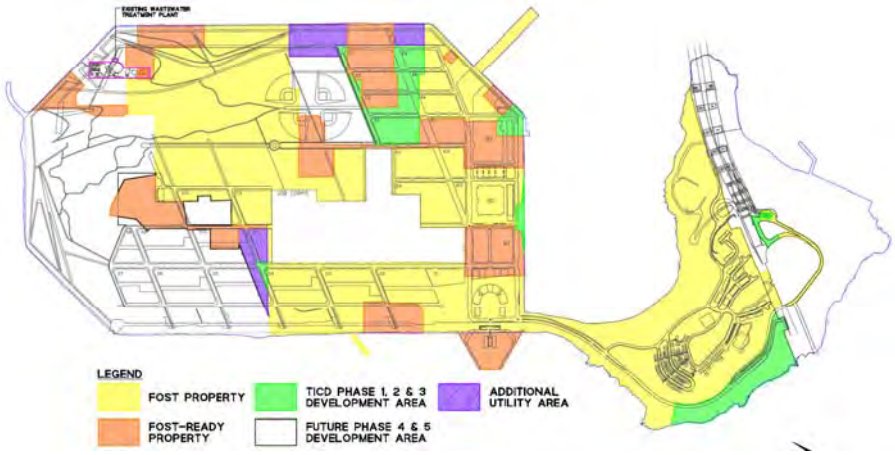
- In December 2009, Secretary Mabus and Mayor Newsom came to agreement on general terms of an economic development conveyance (EDC) deal.
- Navy and TIDA are conducting regular meetings toward the first conveyance
  - First Conveyance planned for late 2010 or early 2011, in part dependent on TIDA's CEQA schedule.
  - First Conveyance will not be Early Transfer, ie, "FOST-able" property only
  - Additional conveyances TBD

FOST STATUS

- TI and YBI Total acres are 535 upland and 540 submerged (1075 acres total).
  - 79 acres were conveyed to other Federal entities.
- 247 acres (53%) of the remaining upland acres were determined suitable for transfer in 2006.
- Approximately 577 additional acres are currently “FOST-ready” (69 upland and 509 submerged. FOST documentation is underway. This would bring FOST area to 77% of total (824/1075).
- In addition to “FOST-ready”, we are looking at “FOST-anticipated” to increase the total amount of property for the first conveyance.

3

FOST Status Map Updated



4

2010 FOST

Planned December 2010 FOST Package

1. FOSTed (February & March 2006)
2. FOST-ready
3. FOST-anticipated
   - Site 28 West Side On/Off Ramps
   - Offshore (except Site 27 Clipper Cove Skeet Range)
   - Site 27 Upland (dry land)
   - Site 30 Daycare Center
   - Site 31 Former South Storage Yard
   - Road in Site 29 East Side On/Off Ramps
   - Utility portion of Bldg 233 parcel

Challenges for Dec 2010 FOST

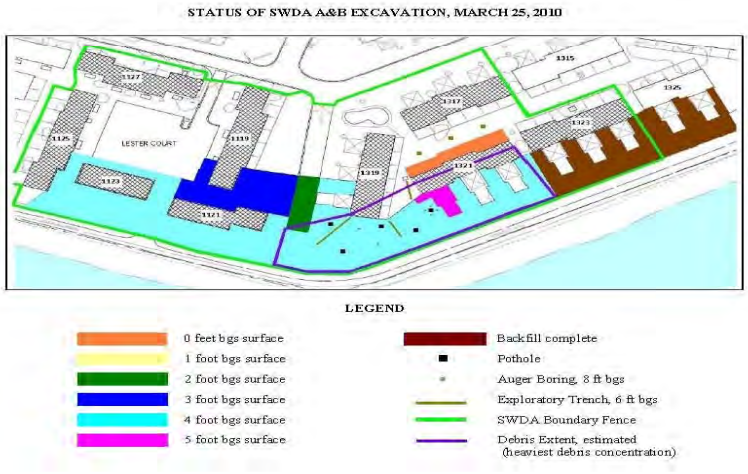
Areas desired by TIDA for first conveyance, but currently won't achieve the Dec 2010 FOST date.

- Site 21 Waste Oil Storage Area
- Site 24 Former Drycleaning Plant
- Site 33 Water Line Replacement Area
- Bldg 233 Radiological Site
- Utility portion of Site 12 (southwest triangle)

Field Efforts
Solid Waste Disposal Areas

April 20, 2010
NAVSTA Treasure Island
RAB Meeting

Status at SWDA A&B



Work at SWDA A&B & Path Forward

- Since project start 677 Bins have been shipped off Site for disposal, this equals roughly 15,250 tons of soil.
- 137 Bins have been shipped since the restart of work.
- Excavation efforts are concentrated on the Westside Drive roadway.

Work at SWDA A&B

100% Scanning and Periodic/Biased Static Readings on the Floor and Sidewalls of the Finalized Excavation Footprint. RAD Samples being Collected for Off-site Analysis.

Work at SWDA A&B

Work at SWDA A&B

Water has Dropped Roughly 1.5 to 2 feet Allowing Work to Move Forward

Work at SWDA A&B

Loading Bins with Low-Level RAD impacted soil from Soil Stockpile in Lester Court

Work at SWDA A&B

Excavating and Scanning Soil Removed Along Westside Drive

Work at SWDA A&B

Removal of Water Pipe in Excavation and Scanning for disposal

Naval Station Treasure Island

Field Activities

Site 31 and 32

April 20, 2010 RAB Meeting

Site 31
Backfill/Restoration Work

Removal of the Existing Storm Drain Line

Site 31
Backfill/Restoration Work

Removal of the Existing Storm Drain Line/Placement of New PVC Line

Site 31 Backfill Efforts

Site 31 Backfill Efforts

Site 31 Backfill Efforts

Site 31

Excavation at Area A and B

Site 31

Excavation at Area D

Site 31

Excavation Area A and B

Building a Soil Lay-Down Pad

Site 32

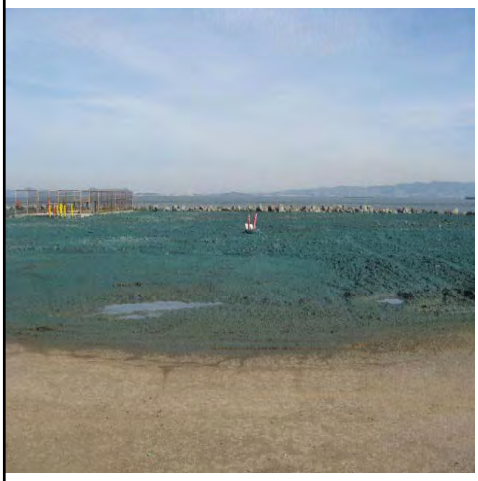
Survey of Excavation Limits and Confirmation Sampling Locations.

Site Prior to Hydroseed Work.

Site 32

Hydroseed Efforts by Hand-Held Spray and Canon

Site 32



Hydroseed Completion and Site Coverage

Site 32

Hydroseed Starting to Grow

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

			INTERNAL DRAFT		DRAFT											RTC				INTERNAL FINAL				FINAL		
							Agency Comments																			
Item	Document Title & Information	CTO/DO	Internal Draft Due to Navy	Navy Comments Due	Draft to Agencies		Date Due	DTSC	Water Board	EPA	TIDA	RAB	OTHER	Priority Level	Preliminary RTCs to Agencies		Resolve and Concur on RTCs		Internal Final to Navy		Navy Comments Due		Final to Agencies		Comments
	Shaw Group																									
1	**Site 32 Post Construction Summary Report for PCBs in Soil** RPM: Scott Anderson PM: Pete Bourgeois	FZN1	TBD		TBD		TBD		TBD								TBD		TBD		TBD		TBD		TBD		
	Tetra Tech EM Inc.																									
2	**Site 33 Remedial Investigation Report** RPM: Scott Anderson PM: Kevin Hoch	489	09/07/06	✔	10/16/06	✔	10/17/08	✔	01/06/09	✔	✔	✔	✔				06/25/09	✔	07/22/09	✔	03/05/10	✔	04/09/10		04/30/10		
3	**Site 27 Feasibility Study** RPM: Lora Battaglia PM: Katie Henry	FZN6	09/24/08	✔	11/07/08	✔	12/29/08	✔	02/27/09	✔	✔	✔	✔		✔		10/27/09	✔	03/03/10		03/31/10	✔	04/21/10		05/20/10		
4	**Island Times Newsletter #16** RPM: Jim Sullivan PM: Marcie Rash	FZN6	01/21/10	✔	02/05/10	✔	02/12/10	✔	03/05/10	✔	✔	✔	✔				NA		NA		04/01/10	✔	04/19/10	✔	04/29/10		
5	**2010 Site Management Plan** RPM: Dave Clark PM: Marcie Rash	FZN6	03/09/10	✔	04/09/10	✔	04/19/10	✔	05/20/10								06/10/10		06/17/10		07/17/10		07/27/10		08/10/10		
6	**Site 24 PP/RAP** RPM: Scott Anderson PM: Jean Michaels	83	7/12/10* 8/25/10**		8/11/10* 9/24/10**		10/08/10		11/09/10								12/07/10		12/14/10		01/07/11		01/17/11		01/31/11		* Navy technical review ** Navy legal review
7	**Site 27 Boundary Change Letter** RPM: Scott Anderson PM: Marcie Rash	FZN6	04/19/10	✔	04/23/10		04/27/10		05/11/10								TBD		TBD		05/25/10		06/01/10		06/08/10		* Navy technical review ** Navy legal review
8	**Site 29 Boundary Change Letter** RPM: Scott Anderson PM: Marcie Rash	FZN6	04/22/10		04/21/10		04/27/10		05/11/10								TBD		TBD		05/25/10		06/01/10		06/08/10		* Navy technical review ** Navy legal review
9	**Finding of Suitability to Transfer** RPM: Scott Anderson PM: Marcie Rash	39	06/16/10		07/07/10		07/20/10		08/19/10								09/02/10		09/16/10		09/27/10		10/07/10		11/22/10		
	Trevet																									
10	**Site 30 Land Use Control Work Plan** RPM: Scott Anderson PM: Greg Alyanakian	9002	4/20/09* 6/11/09**	✔ ✔	5/1/09 7/11/09	✔ ✔	03/03/10	✔	04/23/10		✔	✔					05/21/10		05/28/10		06/11/10		07/02/10		07/16/10		* Navy technical review ** Navy legal review
11	**2009 Site 6 & 12 Annual Groundwater Sampling Report** RPM: Tony Konzen PM: Greg Alyanakian	9002	04/05/10	✔	04/20/10		04/27/10		05/27/10								NA		NA		06/29/10		07/13/10		07/27/10		

Date Last Revised: 4/20/2010

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

			INTERNAL DRAFT				DRAFT										RTC				INTERNAL FINAL				FINAL		
									Agency Comments																		
Item	Document Title & Information	CTO/DO	Internal Draft Due to Navy		Navy Comments Due		Draft to Agencies		Date Due	DTSC	Water Board	EPA	TIDA	RAB	OTHER	Priority Level	Preliminary RTCs to Agencies		Resolve and Concur on RTCs		Internal Final to Navy		Navy Comments Due		Final to Agencies		Comments
	ERRG, Inc.																										
12	**Site 6 Data Gaps Investigation Work Plan / Sampling and Analysis Plan** RPM: Tony Konzen PM: Doug Bielskis	2608	07/08/09	✔	08/10/09	✔	08/31/09	✔	09/30/09	✔	✔	✔	✔				11/25/09	✔	04/21/10		05/05/10		05/19/10		06/01/10		9.30 Rec'd Water Board Comm 10.2 Rec'd TIDA Comm 10.2 Rec'd EPA Comm 10.6 Rec'd DTSC Comm
	Sullivan Consulting Group																										
13	**Site 28 Proposed Plan** RPM: Tony Konzen PM: Mehrdad Javaherian		8/7/09* 10/2/09**	✔ ✔	9/16/2009 11/4/09	✔ ✔	11/24/09	✔	01/21/10	✔	✔	✔	✔		✔		03/04/10	✔	03/18/10	✔	04/02/10	✔	04/19/10	✔	04/30/10		Cal Trans commented.
	Site 28 Record of Decision RPM: Tony Konzen PM: Mehrdad Javaherian		7/2/10* 8/16/10**		8/2/10 9/15/10		09/29/10		10/29/10							11/26/10		12/10/10		12/25/10		01/04/11		01/18/11		* Navy technical review ** Navy legal review
	Chadux Tetra Tech																										
14	**Site 12 HHRA Tech Memo** RPM: Tony Konzen PM: John Bosche	49	04/20/10		05/04/10		05/19/10		06/18/10								NA		NA		NA		NA		NA		Document will be prepared through Draft only, allowing for discussion and will be finalized as part of the
15	**Site 12 RI Report** RPM: Tony Konzen PM: John Bosche	49	06/10/10		08/09/10		08/23/10		09/22/10								10/20/10		11/03/10		11/19/10		11/29/10		12/13/10		
16	**Site 21 PP/RAP** RPM: Scott Anderson PM: Jean Michaels	83	4/9/10* 5/23/10**	✔	5/9/10 6/23/10		07/01/10		08/02/10								09/01/10		09/14/10		09/28/10		10/08/10		10/22/10		* Navy technical review ** Navy legal review

✔ 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:

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
NA = Not Applicable
PCB = Polychlorinated Biphenyls
PP= Proposed Plan
PM = Project Manager
RAP= Remedial Action Plan
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

Date Last Revised: 4/20/2010

Naval Station Treasure Island
Navy Field Schedule
April 2010 - October 2010

Item	Activity & Investigation Area	DTR #	Field Dates		Navy RPM	CTO/DO	PM	FTL	Complete
Shaw									
1	Site 24 Treatability Study Phase II *Site 24*	Doc N/A	Start: Finish:	07/21/08 TBD	Scott Anderson (619) 532-0938	FZN1	Pete Bourgeois (415) 277-6983	David Cacciatore (925) 288-2299	
2	Site 21 Pilot Treatability Study *Site 21*	Doc N/A	Start: Finish:	10/06/08 TBD	Scott Anderson (619) 532-0938	FZN1	Pete Bourgeois (415) 277-6983	Dan Leigh (925) 288-2193	
3	Non-Time Critical Removal Action *Site 12*	Doc N/A	Start: Finish:	02/26/07 TBD	Tony Konzen (619) 532-0924	10	Pete Bourgeois (415) 277-6983	Pete Bourgeois (415) 277-6983	
4	Arsenic in Groundwater Pilot Study *Site 12*	Doc N/A	Start: Finish:	11/10/08 TBD	Scott Anderson (619) 532-0938	FZN1	Pete Bourgeois (415) 277-6983	Pete Bourgeois (415) 277-6983	
5	PCB Soil Abatement Parcel T-111/Site 32 *Site 32*	Doc N/A	Start: Finish:	05/11/09 03/31/10	Scott Anderson (619) 532-0938	FZN1	Pete Bourgeois (415) 277-6983	Pete Bourgeois (415) 277-6983	
6	Site 31 Remedial Action *Site 31*	Doc 2	Start: Finish:	02/01/10 05/15/10	Scott Anderson (619) 532-0911	FZN1	Pete Bourgeois (415) 277-6983	Pete Bourgeois (415) 277-6983	
Trevet									
8	Site 12 & 6 Groundwater Sampling *Site 12& 6*	Doc N/A	Start: Finish:	4/8/10 6/22/10 4/8/10 6/24/10	Tony Konzen (619) 532-0924	CLIN	Greg Alyanakian (858) 869-3110	Greg Alyanakian (858) 869-3110	
EMS									
8	Site 12 Removal Action Soil Sampling *Site 12*	Doc N/A	Start: Finish:	12/05/07 TBD	Tony Konzen (619) 532-0924	NA	Dawn Roarty (916) 919-4785	Salem Attiga (925) 939-0687	
ERRG									
9	Site 6 Data Gaps Investigation *Site 6*	Doc 12	Start: Finish:	06/01/10 TBD	Tony Konzen (619) 532-0924	2608	Doug Bielskis (925) 839-2270	Phil Skorge (925) 839-2266	

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.
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.

Date Last Revised: 4/20/2010