



FINAL

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

Meeting # 146

16 FEBRUARY 2010

Community Restoration Advisory Board (RAB) Members in attendance:

Nathan Brennan, Dale Smith

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

James Sullivan (Navy) [via phone], 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), Tony Konzen (Navy), Tommie Jean Valmassy (Tetra Tech EM Inc. [Tetra Tech]),

Public Guests

Kixon Meyer, (Bay Ship & Yacht Co., commercial tenant at Pier 1)

Welcome Remarks and Introductions

Dave Clark (Lead Remedial Project Manager [RPM]) opened the meeting, held at the Casa de la Vista (Building 271) on Treasure Island (TI). Mr. Clark explained he was filling in for James Sullivan, the Navy BEC (Base Realignment and Closure [BRAC] Environmental Coordinator), who could not attend in person. He added that Mr. Sullivan was attending via telephone. Mr. Clark explained that he had recently replaced Charles Perry as the Navy Lead RPM. He noted he has been working at the BRAC Program Management Office for over 10 years on other bases such as Former Naval Shipyard Mare Island and Former Naval Fuel Depot Point Molate. He added that he is also currently working with Mr. Sullivan on the Navy BRAC bases at Novato and Crows Landing. Mr. Clark also remarked that he grew up next to a BRAC site in Southern California; the former Marine Corps Air Station El Toro.

Mr. Clark asked for all the Treasure Island RAB Members, and all the other meeting attendees, to introduce themselves.

Public Comment and Announcements

Mr. Clark began the agenda (Attachment A) by asking if there were any public comments or announcements. No public comments were provided at this time.

Property Transfer Update

Mr. Clark stated he would present what the Navy environmental team knows as the general framework for the transfer of NAVSTA TI property from the Navy to the City of San Francisco. (Attachment B) He noted the Secretary of the Navy and the Mayor of San Francisco came to an agreement on the general terms of an economic development conveyance (EDC) for transfer. The timeline for transfer is generally as early as December 2010, or as late as March 2011 for the first phase of property transfer.

Mr. Clark stated the first conveyance will not be an early transfer, in which responsibility for environmental remediation responsibilities is also transferred. It will only include property that is included in a Finding of Suitability to Transfer (FOST). Additional conveyances are still to-be-determined. Mr. Clark explained that a FOST is a Navy document that combines into one concise document all of the information that the property is ready for transfer.

Mr. Clark noted that 247 acres were previously FOSTed in 2006. In addition, approximately 577 additional acres of land [dry and submerged] are currently "FOST-ready" and the Navy is preparing the FOST documentation. Mr. Clark stated that, in addition to "FOST-ready" property, the Navy is looking at property that is close to being "FOST-ready", and is prioritizing the environmental work at those sites.

Dale Smith (RAB member) asked whether the RAB members had received the FOST documents that the Navy had previously prepared. Scott Anderson (Navy RPM) stated there were two FOST documents, one for TI and one for YBI, and the RAB had received both of them. They were prepared in 2006.

Mr. Clark reviewed a map of parcels that are labeled as having a FOST, or being "FOST-ready". He also noted the parcels that are labeled "FOST-anticipated in 2010". Mr. Clark explained those are the sites where the Navy is close to completing environmental cleanup, or will accelerate the schedule to achieve cleanup. Those sites are the Site 27 upland area, Site 28, the road in Site 29, Site 30, Site 31, and a utilities portion of the Building 233 area. Those are the sites the Navy will be prioritizing in order to complete them between now and December 2010.

Mr. Clark stated there are some locations that the Treasure Island Development Authority (TIDA) would like to have conveyed, but the Navy cannot complete the environmental remediation at those sites by December 2010. The sites that TIDA would like but that the Navy will not have ready by December 2010 are: Site 21, Site 24, Site 33, Building 233, and a utilities portion of Site 12. Ms. Smith

asked where Site 21 is located, and Pete Bourgeois (Shaw) stated it is the Sailing Center Area. Mr. Clark stated Site 21 and Site 24 have ongoing treatability studies for groundwater.

Mr. Clark also showed a map that overlays the Navy's cleanup sites onto the City's conceptual reuse plan (Attachment C). He stated this map is the most up-to-date version of the reuse plan that the Navy has received from the City, though it is subject to change. Mr. Sullivan stated the RAB will have the opportunity to review the draft FOST documents as they are prepared. Mr. Clark asked if anyone had any questions.

Ms. Smith asked what the large area listed as "Zone P" is. Mr. Anderson stated that is the current federal Job Corps area. Ms. Smith asked if the Navy had done any investigation at the Job Corps area. Nathan Brennan (RAB member) stated he recalled the Navy had done an asbestos investigation in that area. Mr. Anderson stated the Navy has done asbestos investigations, but has not conducted any sub-surface sampling in the Job Corps area. [Correction: The Job Corps property was evaluated in the 1988 CERCLA PA/SI and the 1995 Environmental Baseline Survey (EBS). There are no CERCLA sites on the property. Subsurface investigation and remediation was completed for petroleum pipelines and underground storage tanks (USTs).]

Ms. Smith stated she had heard that the Navy and the City are having difficulty reaching an agreement on a FOST because the City does not feel the Navy has adequately characterized the soil. She asked if that is true, or if it is just a rumor. She added she had also heard the City has issues with the Navy's cleanup in Clipper Cove. Ms. Smith added that the RAB has had concerns about these two issues since 1994.

Mr. Anderson stated that the City attends the Navy's BRAC Cleanup Team (BCT) meetings, and has reviewed all of the FOST documentation and provided comments. Ms. Smith asked if that means that the City is basically accepting the Navy's soil characterization on land, but that there might be disagreement on Clipper Cove.

Mr. Clark stated that the Navy is retaining Site 27 Clipper Cove, and it will not be in the FOST. He added he did not know of any City issues on the FOST property. Ross Steenson (Water Board) stated that is his understanding as well.

Kixon Meyer (Bay Ship & Yacht Co., commercial tenant at Pier 1) asked a question about the maps shown during this presentation. He noted that in the PowerPoint presentation the pier is yellow, but on the printed map, it is white. Mr. Meyer asked if that means there has been a change with the pier, and if the

pier is part of the FOST. Mr. Anderson stated it may be because the pier is not part of the City's redevelopment plan, therefore is not colored-in on that map, but he did not know. Mr. Clark stated he also did not know, but would find out and get back to Mr. Meyer.

Mr. Steenson noted that the property on YBI that has already been transferred to Caltrans is not labeled as having been transferred on the map that is in the presentation. Mr. Clark noted those are Sites 8, 28, and 29, and stated that status would be corrected in a future update of the map.

Field Activities Update, Site 12 Arsenic, and Sites 21, 24, 31, and 32

Mr. Clark introduced Mr. Bourgeois to provide an update on field activities at Sites 21, 24, 31, and 32, and on the Site 12 arsenic work. (Attachment D). Mr. Bourgeois began with Sites 21 and 24, noting this is where Shaw is using bioremediation techniques. He stated Shaw is currently monitoring the progress of that bioremediation work. The final round of groundwater sampling for Site 21 was completed during the week of 22 January 2010, and Shaw is putting together the data to present to the Navy. In addition, the second of four rounds of groundwater sampling at the Site 24 source area was completed on approximately 25 January 2010. The first of four sampling rounds for the down-gradient plume at Site 24 began on 27 January and was completed on 4 February 2010. Shaw is awaiting the analytical results and will present them to the Navy. Once the Navy has reviewed them, they will be presented to the RAB. Mr. Bourgeois stated he expects to be able to present that information at the next RAB meeting.

Mr. Bourgeois moved on to an update on the path forward for the Site 12 arsenic in groundwater project. Previously Mr. Bourgeois had briefed to the RAB that at monitoring well (MW) 38 Shaw found some free [petroleum] product. Since then, Shaw conducted a geophysical survey of the area and installed four additional wells on 20-foot centers around MW-38. Shaw also installed a fifth well down-gradient from former Navy building locations, which Mr. Bourgeois pointed out on a figure in the presentation. He noted there are two former building footprints, and Shaw and the Navy suspect there could have been an underground tank related to those former buildings. He noted they could not find any historical information to say there had or had not been a tank. During the geophysical survey, Shaw found a few anomalies, including one that is large, and so Shaw put the fifth well down-gradient from that large anomaly, to see if that could be a source for the free product.

Mr. Bourgeois stated Shaw has taken water levels and monitored the wells, and as of this RAB meeting, none of the new wells have shown any free product. He noted Shaw is waiting for the lower, low tide and will sample again, possibly the day after this RAB meeting, or within the next week. Because of all the rain, the

groundwater levels have risen, and it is important for that to dissipate before sampling. He noted that the results of additional sampling will also be presented to the RAB. Mr. Bourgeois showed some photographs of the Shaw team installing the wells near Building 1313.

Ms. Smith asked if Building 1313 is occupied, and how the work will affect the residents' activities. Mr. Bourgeois stated the building is occupied, and all of the residents were notified by letter about the geophysical survey and the drilling for the wells. Mr. Anderson noted that residents had to move their vehicles for one day to accommodate the survey, but otherwise there has been little disruption. Ms. Smith asked if any residents had raised concerns about exposure to radiological contamination. Mr. Bourgeois stated Shaw did conduct radiological scans of the equipment and personnel for this project since it is within Site 12, and there were no detections. He added residents had not had concerns, and most of them are familiar with the fact that the Navy is out in Site 12 doing work. Ms. Smith stated she feels Shaw has done a good job communicating with and reassuring the community over the years.

Mr. Bourgeois moved on to Site 32. He noted the site had some total petroleum hydrocarbon (TPH) contamination. Shaw excavated to a depth of 11 feet, and installed two monitoring wells. Those wells will be monitored quarterly. The remaining task at Site 32 is site restoration. Shaw will hydroseed the area with wildflowers and grasses. Ms. Smith asked if the vegetation would be native species and Mr. Bourgeois said it will. Mr. Bourgeois stated Shaw wants to use vegetation that is drought resistant so the City and the Navy do not have to use a lot of water to care for it.

Ms. Smith stated the area is salt-impacted, and one does not find a lot of plants in salt-impacted areas. Mr. Bourgeois stated Shaw will probably use the same mix of vegetation that was used to restore the excavations at Bayside Drive and Northpoint Drive in the Solid Waste Disposal Areas (SWDA). He noted it took awhile to grow in, but that it is very drought resistant and is very green in that area now. Ms. Smith noted that there could be non-native invasive vegetation growing in that SWDA area, so even though it looks green, it may not be the kind of vegetation Shaw intended to plant. Mr. Bourgeois stated Shaw will do the best they can. Mr. Anderson stated Shaw would be doing the seeding while there was still some wet weather, so that should help the seed take to the ground more quickly. Ms. Smith stated the seeding probably needs to be done within the next month. Mr. Bourgeois stated Shaw will do the seeding within the next several weeks, and will water it if needed in order to get it to germinate.

Mr. Bourgeois moved on to the update for Site 31. He stated the project here is an excavation near the day-care facility and former schoolyard. The field efforts began on 1 February 2010, and Shaw began by removing the asphalt along 11th

Street and within the schoolyard. Actual excavation began on 8 February 2010. Mr. Bourgeois stated the excavation and backfill efforts should take about two months, and the project is proceeding well. Mr. Bourgeois showed some photographs of the work, noting the proximity to the Boys and Girls Club, and stated Shaw had added a green "enviro-screen" along the fence to be protective. Mr. Anderson added that, similar to the work at Site 12, Shaw had notified all the residents in that immediate area along with the Boys and Girls Club, the day-care center, and the fire department, of the work at Site 31. Ms. Smith asked if there had been any concerns in relation to the work notice, and Mr. Anderson stated there were none.

Mr. Bourgeois showed a photograph of one of the soil holding cells within the excavation at Site 31. He noted the area was covered with 30 mm plastic and surrounded by hay bales. Mr. Bourgeois also showed a photograph of some of the concrete removed from the schoolyard perimeter, and noted the rebar was sent off for recycling. He noted the excavation within the schoolyard was about 95 percent complete.

Mr. Bourgeois also showed photographs of some of the utilities that the team encountered during the excavation. He noted there were numerous utility lines that had to be avoided during the excavation, including a terra cotta storm drain line, an old water transit line, gas, electrical, and old steam lines. Mr. Bourgeois stated that Shaw is excavating to a depth of 6 feet, and has started collecting confirmation samples. He noted results of the sampling should be ready to be presented by the next RAB meeting.

Ms. Smith asked for clarification on the two types of radar equipment used for the geophysical survey [at the Site 12 arsenic area]. She asked if the crew were using two different types of ground penetrating radar because one could detect deeper than the other, and how deep that might be. Mr. Bourgeois explained that for the geophysical survey, they did use two kinds of equipment [magnetic and radar], and the ground penetrating radar could scan to a depth of four to five feet to search for anomalies. The equipment did detect quite a few little items here and there. He noted that this equipment is very sensitive to metal, so residents were asked to remove anything metal, like cars or bicycles, from the area. One large anomaly was detected, and Shaw and the Navy do not yet know what it is. It could be related to the foundation of a former building. Therefore, a monitoring well was installed downgradient of that area. Mr. Anderson stated that, since the ground-penetrating radar detects to a depth of 4 to 5 feet, it could possibly have detected the top of an underground storage tank. Ms. Smith asked what the name of the ground-penetrating equipment is. Mr. Bourgeois stated he would find out and let her know.

Field Activities Update, Site 12 SWDAs

Mr. Bourgeois moved on to an update on the SWDAs at Site 12. (Attachment E) He stated Shaw is currently working in SWDA A&B, the Westside Drive and Lester Court area. He showed a figure color-coded to indicate the depth of excavation as of 12 February 2010. He noted Shaw is almost done with the Westside Drive roadway. The schedule is about a week-and-a-half delayed due to the rainy weather.

Mr. Bourgeois stated that, to-date, Shaw has shipped off 665 bins (about 15,000 tons) of low-level radiological contaminated soil. One hundred and twenty five of the bins have been shipped since work was restarted after some elevated alpha readings delayed work (as reported at previous RAB meetings). Mr. Bourgeois stated there was a three-week period where bins had not been removed because of rainy weather, but since it has cleared, additional bins are being sent off-site.

Mr. Bourgeois stated Building 1321 is the location where Shaw removed the carport. He noted there is a radiological hot spot in that area where elevated levels of radiological material have been detected. Shaw is working with the Navy and their Radiological Affairs Support Office (RASO) on the path forward. RASO requested that Shaw use a neutron detector, called a REM-Ball, which looks for any neutron emitters or sources. Shaw did that on 11 January 2010, and no neutrons were detected. In addition, two soil samples were collected within the hot spot, and sent to the Hunters Point field laboratory on 13 January 2010 to identify which radioisotopes are present in the soil and determine where the soil can be shipped after excavation. Only radium-226 has been found. Mr. Bourgeois stated the samples will also be sent to an offsite laboratory for a confirmation analysis. Mr. Bourgeois reviewed photographs of the REM-Ball. He noted the hot spot area has a trench plate covering it and is roped off and warning signs are posted.

Mr. Bourgeois stated that while the weather was rainy and the team could not excavate, they used the time to scan all of the water piping that was removed. Mr. Brennan asked if the scans of the piping were clean, and Mr. Bourgeois confirmed they were. Ms. Smith asked what is meant by elevated readings, and how high the readings are. Mr. Bourgeois stated the "elevated levels" means higher than the levels in the rest of the soil, but does not mean high levels. He added that having an elevated level does mean that workers have to take different precautions, as mandated by the Nuclear Regulatory Commission (NRC). The elevated readings that Shaw is getting are pinpoint locations, and they believe them to be close to the surface, likely a few commodities together in one location.

Ms. Smith asked if there is any surface radiological contamination. Mr. Bourgeois stated there is not, there are only discreet pinpoint areas of elevated

readings that are beneath the soil surface. He added that the levels are elevated, but not high compared to what one might find when working at a nuclear power plant. He added Shaw is following all appropriate rules and procedures to be protective of their workers.

2010 Look Ahead

Mr. Clark presented a "Look-Ahead at 2010" presentation (Attachment F). Mr. Clark noted the Navy still has some sites to close, and those are in red on the second slide. For Site 6, the Navy is working on groundwater and on a data gaps investigation, and the Remedial Investigation (RI) report will be issued later this year. Ms. Smith asked if Site 6 is the Pandemonium Site. Mr. Anderson stated Site 32 is the Pandemonium Site; Site 6 is on the west side of the waste water treatment plant. Mr. Bourgeois added Site 6 is where Shaw is currently keeping their blue bins [for low level RAD impacted soil]. Mr. Clark added a Revised Human Health Risk Assessment and a draft Proposed Plan (PP) will also be prepared for Site 6 in 2010.

Mr. Anderson added that the Navy is monitoring wells that were installed at Site 6. Ms. Smith asked how frequently the groundwater is monitored at Site 6, and Mr. Anderson responded it is currently monitored on a quarterly basis. Mr. Bourgeois reminded the RAB that the excavation at Site 6 was down to a depth of 11 feet, which is deeper than most risk assessments consider for exposure pathways. Ms. Smith asked Mr. Bourgeois and Mr. Anderson to comment on the rip-rap at the site, noting that it was an unexpected vertical drop off. Mr. Bourgeois and Mr. Anderson both stated they were surprised that the rip-rap had a vertical drop off like that. Mr. Bourgeois stated that when Shaw saw all of the water coming in through the rip-rap they had to rethink the process they were using. Mr. Anderson stated that Shaw did a great job readjusting their strategy out in the field. They were able to do the excavation in quadrants.

Mr. Clark discussed Sites 8, 11, and 29, which are Caltrans sites. He noted these sites now belong to Caltrans, and any environmental work on them is on hold pending completion of construction on the new span of the Bay Bridge.

Mr. Clark stated the Navy hopes to include a portion of Site 28 in the 2010 FOST, discussed earlier. To do that, they will focus on the PP and Record of Decision (ROD); he added there may be a public meeting for the PP, possibly in the May 2010 timeframe.

Mr. Clark noted that there are numerous activities ongoing at Site 12, as reviewed during Mr. Bourgeois' presentations. For Site 21, the Navy hopes to reach the PP phase by fall 2010. He noted that Sites 24 and 33 would not be ready for transfer in the 2010 FOST. For Site 33, the Navy and their contractors

will finalize the RI report. For Site 27, there is a small sliver, the onshore area, that the Navy will include in the 2010 FOST. The rest of Site 27 will not be included in the 2010 FOST, but the Navy will continue work at Site 27, finalizing the Feasibility Study this year, and beginning the PP. Mr. Clark noted a remedial action is in progress at Site 31, and a report on that will be finalized around August 2010. For Site 30, the Navy is working on a Land Use Control Work Plan.

Mr. Clark reviewed the work remaining on the compliance programs: Petroleum, Polychlorinated Biphenyls (PCB) program, Lead-Based Paint, Asbestos-Containing Material, Radiological, and Groundwater Monitoring. Mr. Clark noted some key items for the Radiological Program, including demolition of Building 233, and then addressing what is underneath that building after demolition.

Mr. Clark also reviewed the community outreach activities planned for 2010, including RAB meetings, PP public meetings, newsletters, and updates to the Navy's website. He also noted the Navy would continue the BCT meetings, specific technical meetings, and preparation of basewide documents such as the Site Management Plan.

Ms. Smith noted that on the map of Site 12 there is an area carved out that has a different site number, and asked if that was Halyburton Court and if it was assigned a new site number. Mr. Sullivan stated that is Site 20, which is a closed petroleum site. He clarified that is not the Halyburton Court area. Site 20 was the auto hobby shop; Halyburton Court is still part of Site 12.

Upcoming Documents and Field Schedule

Field Schedule

Mr. Clark introduced Tommie Jean Valmassy (Tetra Tech) to review the Field Schedule Sheet (Attachment G) and the Document Tracking Sheet (Attachment H). Ms. Valmassy noted the work at Site 32 is at the site restoration phase, and should be completed around 5 March 2010, depending on weather. She also noted a one-day groundwater sampling event would take place at Sites 6 and 12 in early March. Lastly, the Site 6 Data Gaps investigation will begin around 12 April 2010.

Documents

Ms. Valmassy reviewed the documents that will be issued or have comments due within the next 60 days; all of them are highlighted on the attachment. Ms. Valmassy also noted that documents that were recently finalized are grayed out on the tracking sheet, and stated there are three documents that have recently been finalized. Ms. Valmassy stated the Site Management Plan lists the plan for

closure for all sites, and noted that typically the RAB has not wanted to review the draft of that document. Ms. Valmassy noted that the Site 12 Human Health Risk Assessment (HHRA) will end at the draft stage, and will be rolled into the RI report, so that is why there are no dates past the draft stage.

Ms. Smith asked why the Navy is conducting an HHRA for Site 12 at this point in the cleanup. She asked if it should have been done earlier to determine appropriate cleanup levels. Anthony Konzen (Navy RPM) stated a screening-level HHRA was done at the beginning of the investigation, and this second HHRA is to make sure it was done adequately to protect human health.

December 2009 RAB Meeting Minutes

Mr. Clark asked if there were any comments on the December 2009 meeting minutes. Mr. Brennan and Ms. Smith provided some minor comments. It was agreed that Mr. Sullivan will check-in with RAB Co-Chair Alice Pilram to make sure she does not have any comments. The December 2009 minutes were finalized, pending comments from Ms. Pilram.

BRAC Cleanup Team Update

Mr. Clark gave a brief BCT update, noting he is happy to be a part of the team, and looking forward to a productive year for 2010.

Other Public Comments and Announcements

Mr. Brennan stated the Citizens Advisory Board (CAB) held a meeting in January. The topics included transfer from the Navy to the City, and a discussion of the Habitat Restoration and Management Plan. He noted the CAB is beginning to schedule as many as two meetings per month, and suggested people check the City website for the current schedule if they are interested.

Ms. Smith stated, regarding Site 32 restoration, that Shaw consider placing wood chips for now, and seeding next November or December, since it is already late in the season to plant anything. She noted that may be more cost-effective than purchasing expensive native plants that may die if planted now. Mr. Bourgeois stated he would present that option to the appropriate people on his team.

Future Meeting Agenda Items

Mr. Brennan asked for a presentation of the data from Sites 21 and 24. Mr. Anderson stated the Navy will have the data from all four quarters of sampling at Site 21, and from two quarters at Site 24. Mr. Bourgeois stated he would put together a data table for the next RAB meeting. Mr. Brennan also asked if data from the Site 6 Data Gaps Investigation would be ready for the next RAB meeting. Mr. Bourgeois and Mr. Konzen said it may be ready, but it depends on the field schedule.

Mr. Sullivan noted the next RAB community conference call is scheduled for Tuesday, 30 March 2010. The next RAB meeting is 20 April 2010. The meeting was adjourned.

February 2010 RAB Meeting Handouts

- Attachment A: NAVSTA TI RAB Meeting No. 146 Agenda, 16 February 2010
- Attachment B: Property Transfer Update
- Attachment C: Comparison of CERCLA Sites and TIDA Conceptual Land Plan (map)
- Attachment D: Field Activities Update, Site 12 Arsenic, Sites 21, 24, 31, and 32
- Attachment E: Site 12 (TI Housing) Field Efforts SWDAs
- Attachment F: 2010 Look Ahead
- Attachment G: Field Schedule, 16 February 2010
- Attachment H: Document Tracking Sheet, 16 February 2010

ATTACHMENT A

RESTORATION ADVISORY BOARD MEETING NO. 146
AGENDA

16 FEBRUARY 2010

NAVAL STATION TREASURE ISLAND
ENVIRONMENTAL RESTORATION ADVISORY BOARD MEETING

Tuesday, 16 February 2010

7:00 PM.

Casa de la Vista (Building 271)

Avenue of the Palms

Treasure Island

MEETING NO. 146

- 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 - 7:30 **Field Activities Update**
(Site 12 Arsenic in Groundwater, Sites 21 and 24, Site 31 and Site 32)
Lead: Pete Bourgeois, Shaw E & I
- 7:30 - 7:45 **Site 12 (TI Housing) Removal Action and Access Update**
Lead: Pete Bourgeois, Shaw E & I
- 7:45 - 8:00 **Look Ahead for 2010 Activities**
Lead: James Sullivan, Navy Co-Chair
- 8:00 - 8:05 **Upcoming Documents and Field Schedule**
Lead: Kevin Hoch, Tetra Tech EMI
- 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
- Potential Alternatives to 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

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ATTACHMENT B
PROPERTY TRANSFER UPDATE



Naval Station Treasure Island Property Transfer & FOST Update

Restoration Advisory Board Meeting
February 16, 2010



- Secretary of the Navy Ray Mabus and San Francisco Mayor Gavin Newsom came to agreement on general terms of an economic development conveyance (EDC) deal for transfer.
- Navy and Treasure Island Development Authority (TIDA) have already begun regular meetings toward the first conveyance
 - First Conveyance planned for as early as December 2010 (or as late as March 2011).
 - First Conveyance will not be Early Transfer, ie, "FOST-able" property only
 - Additional conveyances TBD



FOST STATUS



- Total combined acreage for NAVSTA TI, including TI, YBI, and submerged land:
 - 535 upland
 - 540 submerged
 - 79 acres were already 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”. Documentation will begin immediately. This would bring FOST area to 77% of the total acreage at NAVSTA TI.
- In addition to “FOST-ready”, we are looking at “FOST-anticipated” to increase the total amount of property for the first conveyance.



2010 FOST



December 2010 FOST

1. FOSTed (Feb & Mar 2006)
2. FOST-ready
3. FOST-anticipated
 - Site 28
 - Offshore (except Site 27)
 - Site 27 Upland
 - Site 30
 - Site 31
 - Road in Site 29
 - Utility Piece of Bldg 233



Challenges for December 2010 FOST

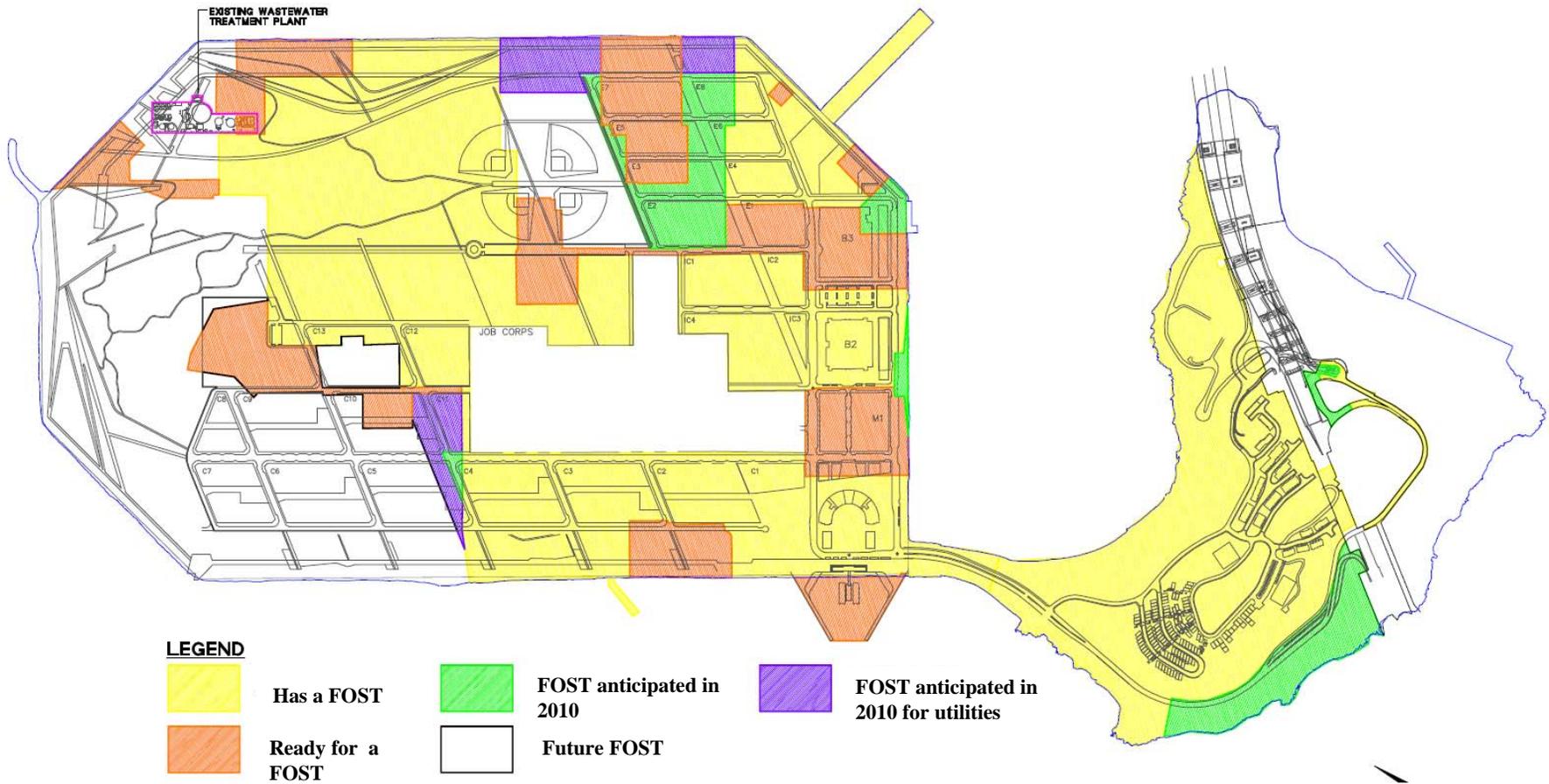


Areas desired by TIDA for first conveyance, but currently won't achieve the December 2010 FOST date.

- Site 21
- Site 24
- Site 33
- Bldg 233
- Utility piece of Site 12



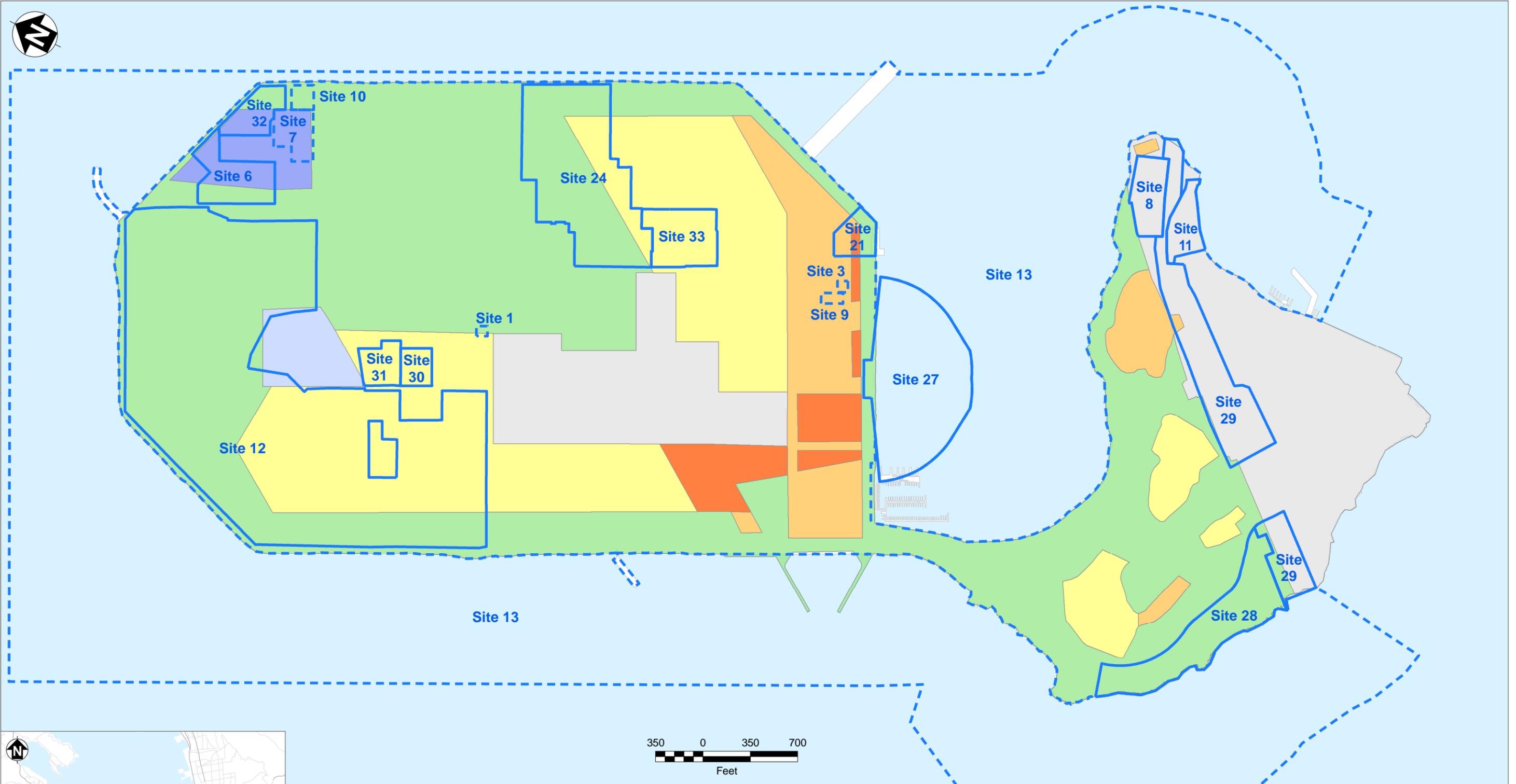
FOST Status Map Updated



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TREASURE ISLAND
SSIC NO. 5090.3

ATTACHMENT C

COMPARISON OF CERCLA SITES AND TREASURE ISLAND
DEVELOPMENT AUTHORITY CONCEPTUAL LAND PLAN
(MAP)



- Conceptual Land Plan**
- Zone O: Open Space & Compatible Uses
 - Zone R: Residential & Community Facilities
 - Zone C: Commercial & Cultural - Mixed Use
 - Zone M: Residential - Mixed Use
 - Zone E: Civic, Institutional & Schools
 - Zone S: Public Services
 - Zone P: Public (Federal Use)
- Source: SMWM (September 2008)

- CERCLA Site**
- Ongoing Work
 - No Further Action
 - Pier
 - Water
- Notes:
 CERCLA Comprehensive Environmental Response, Compensation, and Liability Act
 TIDA Treasure Island Development Authority



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

FIGURE 1
COMPARISON OF CERCLA SITES AND THE TIDA CONCEPTUAL LAND PLAN

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TREASURE ISLAND
SSIC NO. 5090.3

ATTACHMENT D
FIELD ACTIVITIES UPDATE



Naval Station Treasure Island

Field Activities

Site's 12 Arsenic, 21, 24, 32, and Site 31

February 16, 2010 RAB Meeting



Site 21 & 24

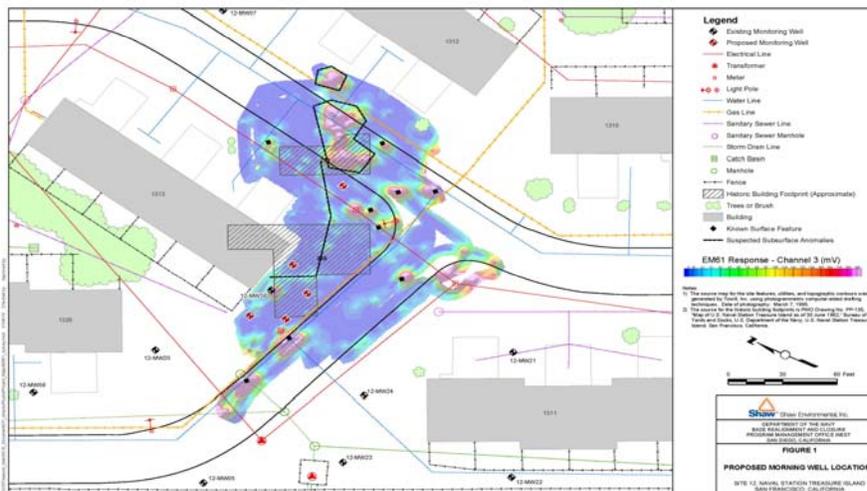
- **The Final Round of Groundwater Sampling for Site 21 was completed the week of January 22, 2010.**
- **The Second of Four Rounds of Groundwater Sampling for the Site 24 Source Area was started on the 25th and completed on the 26th of January 2010.**
- **The First of Four Sampling events for the down gradient loops at Site 24 began on the 27th of January 2010 and was completed on the 4th of February.**
- **Results will be presented once the analytical results have been received and reviewed by the Navy.**

Site 12 Arsenic Path Forward



- The week of January 11th and 18th, 4 wells were drilled on 20-foot centers from MW-38. One (1) well was drilled down- gradient of historic building/geophysical anomalies.
- Water levels were taken on February 2nd and 4th and initial measurements were collected to determine if product was present or not. Only MW-38 had product.
- Sampling will begin on the week of February 12th.

Site 12 Arsenic



Site 12 Arsenic



Well Drilling Activities Around Building 1313

Site 12 Arsenic



Well Drilling Activities Around Building 1313 / RAD Screening for Soil Removed During Drilling

Site 32/Parcel T-111



Well Drilling and Development Activities

Site 32/Parcel T-111



Remaining Tasks:

- Final Site Restoration will be Completed with the Hydroseeding of the Entire Area.**
- Completion of the Final Field Activity Report**

Site 31 Excavation Efforts



- Field Mobilization began February 1st
- Excavation Efforts began February 2nd with the Removal of the Asphalt from 11th Street and Schoolyard
- Soil Excavation began on February 8th
- Field Work will Last Approximately 2 Months

Site 31



Temporary Fencing and Enviro-Screen Placed Along Site Boundaries

Site 31



Construction of Soil Laydown Cell at Site 31

Site 31



Removal of Asphalt From Excavation Footprints at Site 31

Site 31



Removal of Asphalt and Processing Concrete at Site 31

Site 31



Excavation Efforts at Site 31

ATTACHMENT E

SITE 12 (TREASURE ISLAND HOUSING) FIELD EFFORTS
SOLID WASTE DISPOSAL AREAS



Field Efforts Solid Waste Disposal Areas

February 16, 2010
NAVSTA Treasure Island
RAB Meeting

Status at SWDA A&B



STATUS OF SWDA A&B EXCAVATION, FEBRUARY 11, 2010



LEGEND

- | | |
|--|---|
|  0 feet bgs surface |  Backfill complete |
|  1 foot bgs surface |  Pothole |
|  2 foot bgs surface |  Auger Boring, 8 ft bgs |
|  3 foot bgs surface |  Exploratory Trench, 6 ft bgs |
|  4 foot bgs surface |  SWDA Boundary Fence |
|  5 foot bgs surface |  Debris Extent, estimated
(heaviest debris concentration) |

Work at SWDA A&B & Path Forward



- Since project start 665 Bins have been shipped off Site for disposal, this equals roughly 15,100 tons of soil.
- 125 Bins have been shipped since the restart of work.
- Excavation efforts are concentrated on the Westside Drive roadway.
- Due to weather Bins have not been removed from the site for 3-weeks.

On-Going Work at SWDA A&B



- Working with RASO and BRAC PMO West to complete the work instruction for the “Hot spot” at Building 1321.
 - At the request of RASO, a Neutron Detector (REM-Ball) was used to survey the elevated location under the trench plate to determine if a neutron source may be present. This was completed on 1/11/2010. The results showed no detectable neutrons.
 - Two samples collected within the Building 1321 Hot Spot were shipped to the Hunters Point Field Lab to determine radioisotopes present in the soil to support shipping the material once excavated. The samples were shipped to the lab on 1/13/2010. These samples will also be sent to an offsite lab for analysis.
- Completing a revision of the Work Instruction to complete the backfill at Building 1123.

Work at SWDA A&B



Neutron Detector (REM-Ball)



Surface Scan of Building
1321 Hot Spot

Work at SWDA A&B



Static Readings of Building 1321 Hot Spot

Work at SWDA A&B



Due to Rain, Work was Delayed for 2-Weeks

Work at SWDA A&B



Due to Rain, Work was Delayed for 2-Weeks

Work at SWDA A&B



Scanning of Removed Waterline was Completed During Rain Events

SWDA Restoration



Project Duration: Updated Current Forecast:

Excavation Work at SWDA A&B Started on September 25, 2007

Next Navy RAB Meeting:
The Casa De la Vista
Tuesday, April 20th at 7:00 PM
James.b.sullivan2@navy.mil

Navy Web Site:
www.bracpmo.navy.mil





2010 Look Ahead

Environmental Cleanup Program Activities

Presented to the
NAVSTA TI RAB
February 16, 2010




CERCLA Sites

Offshore Sites (2)	Onshore Sites (17)	
Site 13 - <i>Closed</i>	Site 1 - <i>Closed</i>	Site 21
Site 27	Site 3 - <i>Closed</i>	Site 24
	Site 6	Site 28
	Site 7 - <i>Closed</i>	Site 29 (Caltrans property)
	Site 8 (Caltrans property)	Site 30
	Site 9 - <i>Closed</i>	Site 31
	Site 10 - <i>Closed</i>	Site 32
	Site 11 (Caltrans property)	Site 33
	Site 12	

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ATTACHMENT F
2010 LOOK AHEAD



2010 Look Ahead – Site 6





Field Activities

- Sites 6 and 12 Semi Annual Groundwater Monitoring
- Site 6 Data Gap Investigation: March

Documents

- Final Sites 6 & 12 2008 Annual Groundwater Status Report: March
- Draft Sites 6 & 12 2009 Annual Groundwater Status Report: March
- Draft Site 6 Remedial Investigation (RI) Report: October

3



2010 Look Ahead – Site 32





Field Activities

- T111/Site 32 Toxic Substances Control Act (TSCA) Polychlorinated Biphenyl (PCB) Removal Action: Completed January 2010

Documents

- Revised Human Health Risk Assessment: July, November
- T111/Site 32 TSCA PCB Removal Action Report: October
- Draft Proposed Plan: December

4



2010 Look Ahead – Sites 8, 28, 29 and 11



Field Activities

- On hold until completion of Bay Bridge construction

Documents

- Final Site 11 RI Report: January, 27 2010
- Final Site 28 Proposed Plan: April
- Draft Site 28 Record of Decision: October

Site 28 Public Meeting: May





2010 Look Ahead – Site 12





Field Activities

- Complete non-time critical removal action in the Solid Waste Disposal Areas (SWDAs): September
- Arsenic in groundwater treatability study: Continued to 2011

Documents

- Human Health Risk Assessment Technical Memorandum: March
- RI Report: July, November
- SWDA Final Radiological Status Survey Work Plan: November
- SWDA Non-time Critical Removal Action Post-Construction Report: December

3

 **2010 Look Ahead – Site 21** 

Field Activities

- Complete Groundwater Treatability Study: June

Documents

- Treatability Study Report: August, December
- Proposed Plan: July, October

Public Meeting: Fall

7



 **2010 Look Ahead – Sites 24 and 33** 



Field Activities

- Groundwater treatability study at Site 24: Ongoing to December

Documents

- Finalize Site 33 RI Report: March
- Site 33 Feasibility Study: August, December

8

 **2010 Look Ahead - Site 27** 



Documents

- Final FS: April
- Proposed Plan: September, December

Public Meeting: early January 2011

9

 **2010 Look Ahead – Sites 30 and 31** 

Field Activities

- Site 31 Removal Action: February to April

Documents

- Site 30 Land Use Control (LUC) Work Plan: February, June
- Site 31 Remedial Action Work Report: May, August



10



2010 Look Ahead – Compliance Programs



Petroleum Program

- Final Site 25 Closure Report:
January 29, 2010
- Site 25 No Further Action
Concurrence Letter: March
- Site 6 UST 240s Investigation
Work Plan: November

PCBs

- Parcel T111/Site 32 Post
Construction Summary Report
for Soil Removal: October



11



2010 Look Ahead – Compliance Programs



Lead Based Paint (LBP)

- Report of 2009 Inspections:
April

**Asbestos Containing
Material (ACM)**

- Report of visual inspections for
ACM: April

Radiological Program

- Building 233 Building
Demolition: May
- Building 233 Final Status
Survey Work Plan: October

Groundwater Monitoring

- Quarterly Groundwater
Monitoring at Sites 6 and 12

12



2010 Look Ahead – Community Outreach



- Up to six RAB Meetings
- Update to the General Environmental Fact Sheet, Volume 6: Issued at the same time as the Draft Site Management Plan (SMP)
- Island Times Newsletter, Volume 16: Spring
- Island Times Newsletter, Volume 17: Fall
- Sites 21, 27, 28 Proposed Plan Public Meeting: Fall, Spring, early January 2011
- Providing in-person updates: TIDA Board Meetings, CAB meetings, residents' meetings
- Maintain Navy Website:
www.bracpmo.navy.mil



Regulatory members attend a community Open House



Navy banner advertising RAB meetings

13



2010 Look Ahead – Regulatory and Transfer





1939 - 1940 Golden Gate International Exposition
Cartographic
Treasure Island

- Technical meetings
- 12 BCT Meetings, including an extended meeting in Spring
- Basewide Site Management Plan (SMP): Fall
- 2010 Finding of Suitability to Transfer (FOST): August, December

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ATTACHMENT G
FIELD SCHEDULE

**Naval Station Treasure Island
Navy Field Schedule
February 2010 - August 2010**

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 N/A	Start: 07/21/08 Finish: TBD	Scott Anderson (619) 532-0938	FZN1	Pete Bourgeois (415) 277-6983	David Cacciatore (925) 288-2299	
2	Site 21 Pilot Treatability Study <i>Site 21</i>	Doc N/A	Start: 10/06/08 Finish: TBD	Scott Anderson (619) 532-0938	FZN1	Pete 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: TBD	Tony Konzen (619) 532-0924	10	Pete Bourgeois (415) 277-6983	Pete Bourgeois (415) 277-6983	
4	Arsenic in Groundwater Pilot Study <i>Site 12</i>	Doc N/A	Start: 11/10/08 Finish: 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 <i>Site 32</i>	Doc N/A	Start: 05/11/09 Finish: 03/05/10	Scott Anderson (619) 532-0938	FZN1	Pete Bourgeois (415) 277-6983	Pete Bourgeois (415) 277-6983	
6	Site 31 Remedial Action <i>Site 31</i>	Doc 2	Start: 02/01/10 Finish: 04/09/10	Scott Anderson (619) 532-0911	FZN1	Pete Bourgeois (415) 277-6983	Pete Bourgeois (415) 277-6983	
Trevet								
8	Site 12 & 6 Groundwater Sampling <i>Site 12& 6</i>	Doc N/A	Start: 03/01/10 Finish: 03/01/10	Tony Konzen (619) 532-0924	CLIN	Greg Alyanakian (858) 869-3110	Greg Alyanakian (858) 869-3110	
EMS								
8	Site 12 Removal Action Soil Sampling <i>Site 12</i>	Doc N/A	Start: 12/05/07 Finish: TBD	Tony Konzen (619) 532-0924	NA	Dawn Roarty (916) 919-4785	Salem Attiga (925) 939-0687	
ERRG								
9	Site 6 Data Gaps Investigation <i>Site 6</i>	Doc 12	Start: 04/12/10 Finish: 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.

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SSIC NO. 5090.3

ATTACHMENT H
DOCUMENT TRACKING SHEET

**Naval Station Treasure Island
Environmental Cleanup Program
Document Tracking Sheet
February 2010 - August 2010**

Item	Document Title & Information	C/O/DO	INTERNAL DRAFT		DRAFT							RTC		INTERNAL FINAL		FINAL	Comments	
			Internal Draft Due to Navy	Navy Comments Due	Draft to Agencies	Date Due	Agency Comments						Preliminary RTCs to Agencies	Resolve and Concur on RTCs	Internal Final to Navy	Navy Comments Due		Final to Agencies
							DTSC	Water Board	EPA	TIDA	RAB	OTHER						
Shaw Group																		
	Site 31 Remedial Action Work Plan	FZN1	6/10/09*	7/2/09														
	RPM: Scott Anderson		7/9/09**	7/30/09	10/21/09	11/20/09						12/22/09	01/11/10	01/12/10	01/15/10	01/28/10		
	PM: Pete Bourgeois																	
	Site 25 Request for Closure	FZN1	07/01/09	07/09/09	08/30/09	09/30/09	X	X										
	RPM: Scott Anderson										11/09/09	12/02/09	01/15/10	01/22/10	01/29/10			
	PM: Neil Hey																	
1	Site 32 Post Construction Summary Report for PCBs in Soil	FZN1	TBD	TBD	TBD	TBD												
	RPM: Scott Anderson										TBD	TBD	TBD	TBD	TBD			
	PM: Pete Bourgeois																	
Tetra Tech EM Inc.																		
2	Site 33 Remedial Investigation Report	489	09/07/06	10/16/06	10/17/08	01/06/09												
	RPM: Scott Anderson										06/25/09	07/22/09	02/27/10	03/13/10	03/27/10			
	PM: Kevin Hoch																	
3	Site 27 Feasibility Study	FZN6	09/24/08	11/07/08	12/29/08	02/27/09												
	RPM: Lora Battaglia										10/27/09	02/27/10	03/13/10	04/03/10	05/02/10			
	PM: Katie Henry																	
4	Island Times Newsletter #16	FZN6	01/21/10	02/05/10	02/12/10	03/05/10												
	RPM: Jim Sullivan										NA	NA	03/12/10	03/19/10	03/26/10			
	PM: Marcie Rash																	
5	2010 Site Management Plan	FZN6	03/06/10	04/05/10	04/19/10	05/19/10												
	RPM: Dave Clark										06/09/10	06/16/10	07/16/10	07/26/10	08/09/10			
	PM: Marcie Rash																	
Barajas & Associates, Inc.																		
	Site 11 Remedial Investigation Report	24	01/18/08	10/07/08	11/06/08	02/17/09												
	RPM: Scott Anderson										07/30/09	12/22/09	01/21/10	01/22/10	01/27/10			
	PM: Margaret Berry																	

**Naval Station Treasure Island
Environmental Cleanup Program
Document Tracking Sheet
February 2010 - August 2010**

Item	Document Title & Information	CTO/DO	INTERNAL DRAFT		DRAFT							RTC		INTERNAL FINAL		FINAL	Comments							
			Internal Draft Due to Navy	Navy Comments Due	Draft to Agencies	Date Due	Agency Comments						Preliminary RTCs to Agencies	Resolve and Concur on RTCs	Internal Final to Navy	Navy Comments Due		Final to Agencies						
							DTSC	Water Board	EPA	TIDA	RAB	OTHER							Priority Level					
Trevet																								
6	2008 Site 6 & 12 Annual Groundwater Sampling Report RPM: Tony Konzen PM: Greg Alyanakian	9002	08/28/09	✓	09/10/09	✓	10/09/09	✓	11/07/09	✓	✓	✓	✓	✓	✓	✓	12/18/09	✓	02/11/10	✓	02/17/10	02/24/10	03/02/10	
7	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	✓	03/15/10		04/14/10								05/12/10		05/19/10		06/02/10	06/23/10	07/07/10	* Navy technical review ** Navy legal review
8	2009 Site 6 & 12 Annual Groundwater Sampling Report RPM: Tony Konzen PM: Greg Alyanakian	9002	04/04/10		04/18/10		04/25/10		05/25/10								NA		NA		06/27/10	07/11/10	07/25/10	
ERRG, Inc.																								
9	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	✓	03/05/10		03/19/10	04/02/10	04/12/10	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																								
10	Site 28 Proposed Plan RPM: Tony Konzen PM: Mehrdad Javaheerian		8/7/09* 10/2/09**	✓	9/16/2009 11/4/09	✓	11/24/09	✓	01/21/10	✓	✓	✓	✓	✓			03/04/10		03/18/10		04/03/10	04/13/10	04/27/10	Cal Trans commented.
Chadux Tetra Tech																								
11	Site 12 HHRA Tech Memo RPM: Tony Konzen PM: John Bosche	49	03/02/10		03/16/10		03/31/10		04/30/10								NA		NA		NA	NA	NA	Document will be prepared through Draft only, allowing for discussion and will be finalized as part of the RI Report.
12	Site 21 PP/RAP RPM: Scott Anderson PM: Jean Michaels	83	4/5/10* 5/19/10**		5/5/10 6/17/10		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

Abbreviations:

✓ Production or review of document is complete.

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

Grey shading indicates the document is finalized.

Blue shading indicates agency review comments are due within the next 60 days or are outstanding.

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

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



TRANSMITTAL/DELIVERABLE RECEIPT

Contract No. N62467-04-D-0055

Document Control No.

TTEM-0055-FZN6-0254

TO: Contracting Officer
Graciela Steinway
Naval Facilities Engineering Command
Southwest Division
1220 Pacific Highway, Bldg 127
San Diego, CA 92132-5190

DATE: 09/30/10
CTO: FZN6
LOCATION: NAVSTA Treasure Island, San Francisco, California

FROM:

Handwritten signature of Joanna Canepa

Joanna Canepa, Contract Manager

DOCUMENT TITLE AND DATE:

Restoration Advisory Board (RAB) Meeting Minutes, Meeting #146
February 2010

TYPE: [] Contractual Deliverable [x] Technical Deliverable (DS) [] Other (TC)

VERSION: Final REVISION #: N/A
(e.g., Draft, Draft Final, Final)

ADMIN RECORD: Yes [x] No [] CATEGORY: Confidential []

SCHEDULED DELIVERY DATE: 06/08/10 ACTUAL DELIVERY DATE: 06/08/10

NUMBER OF COPIES SUBMITTED TO NAVY: 0/4C/3E/3D

O = original transmittal form
C = copy of transmittal form
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D = CD

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Diane Silva * (EVR.DS) 3C/3E/1D

TETRA TECH: File/Doc Control 1C/1D (w/QC)
Tommie Jean Valmassy 1C/1D

OTHER:

Date/Time Received