



FINAL

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

Meeting 156

18 October 2011

Community Restoration Advisory Board (RAB) Members in attendance:

Nathan Brennan, John Gee, Alice Pilram, Dale Smith, Martha Walters

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

James Sullivan (Navy), Myriam Zech (San Francisco Bay Regional Water Quality Control Board [Water Board])

Other Navy and Regulatory Staff and Consultant Representatives in attendance:

Lora Battaglia (Navy)
John Baur (Shaw Environmental and Infrastructure, Inc. [Shaw])
Jessica Beck (Tetra Tech EM Inc. [Tetra Tech])
David Clark (Navy)
John Hamm (Shaw)
Brian Holmgren (Shaw)
Anthony Konzen (Navy)
Alec Naugle (Water Board)
Phil Skorge (Engineering Remediation Resources Group [ERRG])
Tommie Jean Valmassy (Tetra Tech)

Public Guests

None

Welcome Remarks and Introductions

James Sullivan (Base Realignment and Closure [BRAC] Environmental Coordinator) opened the October RAB meeting for Former Naval Station Treasure Island (NAVSTA TI) held at the Casa de la Vista (Building 271) on Treasure Island (TI). Mr. Sullivan noted the meeting handouts are available on the back table, including copies of the agenda (Attachment A). He asked if there were any changes or additions to the agenda; there were none.

Public Comment and Announcements

Mr. Sullivan invited public comment, noting there is also time at the end of the meeting for additional public comment. There was no public comment at this time. Mr. Sullivan introduced Myriam Zech, the new Water Board representative on the BCT and RAB, present at this meeting. Ms. Zech's supervisor, Alec Naugle, was also present and introduced Ms. Zech. Mr. Naugle said Ms. Zech is taking over for Ross Steenson. Mr. Steenson is moving to a

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different project full-time, but will be working with Ms. Zech as she transitions onto the NAVSTA TI project. He stated Ms. Zech has been with the Water Board for over ten years.

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

Mr. Sullivan provided his regular RAB meeting update on the status of property transfer, including the Finding of Suitability to Transfer (FOST) (Attachment B). He noted this is the same presentation that was given to the BRAC Cleanup Team (BCT) at their meeting two weeks prior to this RAB meeting. There has been no transfer of property from the Navy to TIDA. However, the Navy leases large portions of NAVSTA TI to TIDA. Mr. Sullivan reviewed the major milestones the Navy has agreed to complete prior to transfer to the Treasure Island Development Authority (TIDA):

- Finalize the Building 233 Radiological Final Status Survey (FSS) Report
- Finalize the Site 21 Record of Decision (ROD)
- Conduct the Remedial Action at Site 33 and finalize the Remedial Action Completion Report (RACR)

Mr. Sullivan said the three areas listed above are all on the southern portion of TI, and therefore of interest to TIDA for its initial redevelopment phase. He added that the Navy's work is ongoing in several areas of the island, not just this southern area, but added the southern area is more time sensitive for the purpose of property transfer.

Mr. Sullivan said the Navy hopes to transfer portions of YBI to TIDA in January 2012 in what is being called a "pre-closing conveyance". Portions of that property may then be transferred to the California Department of Transportation (Caltrans) for its use related to the construction of new ramps to the eastern span of the Bay Bridge. Mr. Sullivan said the only Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) site related to the pre-closing conveyance is Site 28, which was closed with a no action ROD. The other properties in the pre-closing conveyance are non-CERCLA. Mr. Sullivan added that there would be a later (second) conveyance called the "initial conveyance" to transfer the remainder of YBI property. Beyond these first two conveyances, there will be future conveyances as property is remediated and closed. He asked for any questions; there were none.

Field Activities and Access Update

Mr. Sullivan introduced John Baur (Shaw), to begin the field activities updates. Mr. Baur noted he worked on the NAVSTA TI project in earlier years, but has been working on other projects for his company since 2005. He added he is

pleased to be back on the project, and commended the RAB members on their continued dedication. He then introduced Brian Holmgren to present the field activities updates.

Mr. Holmgren began with an update on Building 233 (Attachment C). Mr. Holmgren said the building was demolished earlier this year. The building debris was surveyed, and a debris disposal package was submitted to the California Department of Public Health (CDPH) for review. CDPH requested an additional survey of 5 percent of the stockpiled debris material. The additional survey and related data package and technical memorandum will be submitted in late November or early December to CDPH. Mr. Holmgren explained the timing of the surveys will depend on when Shaw receives their state license for radiological work.

Mr. Holmgren stated there is also a work plan for the characterization, remediation, and FSS for the footprint of Building 233. The draft work plan will be available for review around October 21. Mr. Sullivan added that the RAB will get a copy of that document for review.

Mr. Holmgren moved on to the update on Site 12 (Attachment D). Mr. Holmgren said there are two documents related to Site 12 that are in the internal draft phase and will be going to the BCT and the RAB for review. The first is the Demolition Work Plan for the three buildings in Solid Waste Disposal Area (SWDA) A/B (Buildings 1123, 1319, and 1321). The second document is a Post-Construction Report summarizing an interim removal action conducted at Bayside Drive and North Point Drive. Ms. Smith noted the Document Tracking Sheet (DTS) does not show that the RAB will receive those documents. Mr. Holmgren stated they are not yet at the stage where they would be delivered to the RAB, they are internal drafts, and the drafts will go to the BCT and the RAB. He noted the check marks on the DTS do not indicate who the document will go to; it indicates who has submitted comments. He added the Demolition Work Plan will likely go to the BCT and RAB in November, and the Post-Construction Report for Bayside and North Point will be issued draft in either December or January.

Mr. Holmgren said the excavation at SWDA A/B is on-hold pending further discussions on how to complete the remediation in that area. Ms. Smith and Martha Walters (RAB member) asked what kind of discussions the Navy and Shaw are having with the regulators about that remediation. Mr. Konzen said that a hot spot removal was previously conducted and the Navy wants to go back and see if they need to modify their strategy along Westside drive. However, Shaw must first receive their state radiological license for the work to continue at that site.

Ms. Smith said she understands there was a repository for radioactive material in that area, and asked if the Navy had been able to correlate that repository with the hot spot they found. Mr. Konzen said SWDA A/B was one of the larger disposal areas on TI. Initially the Navy was only aware of chemical impacts, but later became aware of radiological impacts as well. This is an area where they have found the most low-level radiological waste. In looking at historical photographs, this SWDA was at the end of a runway, which was likely a convenient place to dump items.

Mr. Sullivan stated there was not a designated building or any other type of official radiological repository in the area. He showed the original location of the U.S.S. Pandemonium, which was a decontamination training facility, on a map. One of the isotopes used there for training was bromine-92, but it had a very short half-life, so it was closed out as a site in the original Preliminary Assessment/Site Investigation in 1988.

Mr. Holmgren moved on to the steps forward for Site 12. Shaw expects to receive their state radiological license in November. Shaw is required to continue the work at Site 12 and Building 233 and also for the upcoming work at Sites 31 and 33. Shaw has subcontracted Philotechnics to conduct the regularly scheduled public health and safety inspections at the site, including the dose rate surveys and perimeter fence controls, while Shaw awaits their license.

Mr. Holmgren said the work plan for Bigelow Court is being revised based on Navy review. Shaw is working on the schedule and will keep the RAB updated. Mr. Sullivan explained the work at Bigelow Court is part of a non-time-critical removal action (NTCRA). It was part of the same Action Memorandum that included Westside Drive, North Point Drive, and Bayside Drive; however, the Navy elected to remove Bigelow Court from the NTCRA in order to complete it along with work at adjacent Halyburton Court. Since then, the Navy has decided not to proceed at Halyburton Court and restarted the planning at Bigelow Court as a separate project.

Mr. Holmgren gave an update on public access on Perimeter Road. He reviewed the figure on slide 6 of Attachment D, noting the areas in blue are the areas that remain open to the public.

Mr. Holmgren moved on to the update on Sites 21, 24, and 32 (Attachment E). Shaw began the third quarter of groundwater sampling at Sites 21, 24, and 32. As of this RAB meeting Shaw has completed sampling the two wells at Site 32 and 54 wells at Site 24. In addition, of the 35 wells at Site 21, Shaw has sampled 20 and expects to finish the remainder during the week of this meeting. Mr. Holmgren said the results from the sampling should be ready before the next

RAB meeting in December, and Shaw will give a brief presentation on the results at that time. The fourth quarter of sampling is scheduled to begin in January.

Mr. Holmgren said there are two documents related to the Site 24 Treatability Study, the Phases 1 and 2 Treatability Study Report and the Phase 3 Treatability Study Work Plan. A response to agency comments on the Treatability Study Report was submitted to the BCT on October 13. The Work Plan is expected to be finalized by the end of October. The field work will address residual contamination along the southern site boundary and will begin in November.

Also related to these sites is a soil gas investigation to be conducted at Sites 21 and 24. Shaw submitted the site-specific soil gas screening levels for Site 21 to the Navy for review. In addition, the work plan for the soil gas sampling at both sites is expected to be finalized within a week, and the field work will begin a week after that document is finalized. Mr. Holmgren said the soil gas samples will be collected at 26 locations within Site 21 (with possible step-out locations if needed) and collected at eight locations within Site 24.

Mr. Holmgren asked if there were any questions about Sites 21, 24, and 32. Ms. Smith said she received two documents related to Site 21, and yet the Navy is also preparing a Proposed Plan for the site while they are still gathering data. Ms. Smith said she would like to discuss this at the end of the meeting during the comment period. Mr. Sullivan agreed. Ms. Zech asked when the Navy expects the BCT to be done reviewing the response to agency comments on the Treatability Study for Site 24. Mr. Holmgren said by the end of this week would be ideal.

Mr. Holmgren moved on to the field update for Sites 31 and 33 (Attachment F). He said Shaw is revising the Internal Draft Work Plan based on discussions with the Navy, and it should be issued for BCT review on November 1. Field activities are scheduled to resume at Site 31 and begin at Site 33 in late December. He noted Lora Battaglia (Navy) will present an update on Sites 31 and 33 later in the meeting.

Building 233 Draft Characterization, Remediation, and Final Status Survey Work Plan Preview

Mr. Konzen presented the next topic, an update on Building 233 (no handout). Building 233 was the former radiological school at NAVSTA TI. It was used for training and research and the building had several classrooms. In the early 1950's there was a radium spill, and the Navy decontaminated the spill to applicable standards at the time. The building was radiologically surveyed and demolished earlier this year. Debris from the building demolition still needs to be scanned and then disposed of.

Mr. Konzen said the footprint of the building also needs to be characterized and the Navy and Shaw are preparing a work plan for that. The Navy hopes to get free release of the property after the footprint is scanned. He said they expect a small amount of surface contamination from radium-226 and perhaps some radium-226 in the old piping that was under the building. The Navy may remove soil and some of the old piping and footings from the building footprint. Once sample data confirms that all contamination has been removed, an FSS will be conducted on the building footprint. Mr. Konzen said field work is expected to begin in December or January and conclude around April, with the FSS being conducted in the summer.

Ms. Smith asked if the FSS requesting free release will address possible impacts from the Loma Prieta earthquake, which affected this area, and asked if surface scans are adequate. Mr. Konzen said when the building was decontaminated in the 1950's; they hosed down the floor boards and lower walls towards one end of the building. During the demolition, they found elevated levels of contamination along the floor at one end of the building, as expected. The conceptual site model indicates there may be some residual contamination in the piping. Ms. Smith said contamination could have leaked through cracks in the piping and into the surrounding soil. Mr. Konzen said they do not anticipate finding anything further in the soil surrounding the piping, but that is the objective of the upcoming characterization. They will investigate laterally and horizontally to look for further contamination.

Ms. Walters asked what the quantity of the initial release was. Mr. Sullivan said it was a vial of radium salts that was dropped by a student, and then cleaned up to 1950's standards. Mr. Sullivan reiterated the RAB will get the draft FSS Work Plan for review the week after this meeting.

Site 6 Draft RI/FS and Draft UST 240 Corrective Action Work Plan Preview

Mr. Konzen moved on to the Site 6 Remedial Investigation/Feasibility Study (RI/FS) preview (Attachment G). He said Site 6 is east of Site 12, and is the former firefighter training school. Underground Storage Tank (UST) 240 is a former tank that provided a source of fuel for the fire fighter training school. Mr. Konzen introduced Phil Skorge (ERRG) to complete the presentation.

Mr. Skorge said he would present some history and background for Site 6, and explain the two primary activities going on at the site – the RI/FS and the Corrective Action Plan (CAP). Mr. Skorge said the Navy operated the fire training school beginning during World War II and discontinued its operations in 1992. Fires were created using fuels such as diesel, gasoline, magnesium, and wood. Fuels used to support these activities were stored mostly in tanks below ground and some in aboveground storage tanks (AST) in two areas of the site:

UST/AST 240 in the northwest area of Site 6, and UST 248 in the central portion of Site 6.

The Navy began investigations at the site in 1986, beginning with the USTs. The tanks were removed between 1992 and 2002. At the time, petroleum compounds were identified as the contaminants of concern in the soil and groundwater. A petroleum removal action was conducted in 2002 and 2003, which included excavating petroleum-impacted soil in the UST areas, as well as recovery of some free product. Burned material containing dioxins was also found in shallow soil near UST 248. Follow-on investigations since 2003 reported elevated petroleum compounds in groundwater at the UST 240 area.

The identification of dioxins led to the regulatory requirement to perform an RI/FS for Site 6. In 2010 a data gaps investigation was conducted to evaluate the nature and extent of dioxins, petroleum compounds, and other chemicals in soil, soil gas, and groundwater. The data collected during that investigation is being used to support the RI/FS.

Mr. Skorge said dioxins were detected above screening levels at three areas of Site 6: the northwest corner, the UST 248 area, and the former parking and storage area. The chemicals were generally only detected in near-surface soil (within the first 1.5 feet of soil). Petroleum impacted soil was found at the two UST sites. Petroleum contamination was comingled with dioxins at UST 248 area, but not at the UST/AST 240 area. Petroleum compounds were primarily found in soil below the water table (at least 5.5 feet deep).

Elevated levels of other chemicals such as herbicides, metals, and polychlorinated biphenyls (PCB) were detected in soil, but only in isolated locations. Soil gas data indicated no volatile organic compound (VOC) concerns. Groundwater data identified petroleum impacts and potential residual free product in the UST/AST 240 area, but identified no significant migration to the bay or threat to aquatic life. Mr. Skorge referred to slide 11 of Attachment G to indicate the impacted areas.

Mr. Skorge said the internal draft RI/FS is in Navy review. The draft will be submitted to the RAB and BCT in November, and the final is expected to be issued in February 2012.

Mr. Skorge moved on to the CAP. He explained the Water Board has criteria that are specific to petroleum-only sites. Since the UST/AST 240 area does not have dioxins, the planning process can be streamlined and performed concurrent with the RI/FS. The goal of the CAP is to remove petroleum-impacted soil and residual free product to the extent practical, in accordance with Water Board

guidelines. Mr. Skorge referred to slide 14 to indicate the areas covered by the CAP, noting the red triangles are the areas where data indicate petroleum levels that exceed screening criteria. Mr. Skorge noted there are some areas outside of the CAP boundary that also exceed screening levels for petroleum, but they will be addressed as part of the RI/FS because they are comingled with dioxins.

Mr. Skorge reviewed the field tasks for the CAP, as noted on slide 15, including excavation of petroleum-impacted soil to a depth of 8 feet. He said the schedule is to submit the Draft CAP for review in November, finalize the document in February, and then begin the field work.

Ms. Walters asked why ERRG will excavate to a depth of 8 feet if the petroleum product has been found only to a depth of 5.5 feet. Mr. Skorge said 5.5 feet is the depth of the water table, but there could be impacts below that. He added that eight feet is also aligned with risk assessment exposure, so it is prudent to excavate to a depth of 8 feet.

Ms. Walters asked if the scattered dioxins found at the site would be cited in the report by the specific dioxin they are. Mr. Skorge confirmed that dioxin data will be presented as specific dioxins in the RI/FS.

There were no further questions about Site 6.

Sites 31/33 Draft Revised Remedial Action Work Plan Review

Mr. Sullivan introduced Ms. Battaglia to present the update on Sites 31 and 33 (Attachment H). Ms. Battaglia said the original work plan, which was issued in January 2010, was just for Site 31, but this work plan now also includes Site 33 and Building 262 (Torpedo Building). Ms. Battaglia said the schedule for this Remedial Action Work Plan is critical because the Site 33 schedule for the Remedial Action Complete Report (RACR), which will follow the Work Plan, is part of the closing conditions for the initial TI property conveyance to TIDA.

Ms. Battaglia said Site 31 is in the center of the northern area of TI. It contains a schoolyard and portions of 11th Avenue and E Street and a parking lot. She noted the site is currently vacant. The contaminants of concern include lead, dioxins, benzo(a)pyrene, and radium-226.

Site 33 is in the southeastern portion of TI, between 4th Street and 6th Street. It is also currently vacant. The contaminants of concern at Site 33 include lead, arsenic, and potentially radium-226. Ms. Zech asked why radium-226 is just a potential contaminant of concern. Ms. Battaglia said the Navy has not done any intrusive investigation at the property to confirm the presence of radium-226. Ms. Smith asked if radium-226 will be investigated at the request of the Navy

Radiological Affairs Support Office (RASO). Ms. Battaglia said the Historical Radiological Assessment (HRA) document stated that if there were radiological impacts found at Site 12 then the Navy would also evaluate possible radiological impacts at Sites 31 and 33.

Ms. Battaglia said Building 262 has been added in to this work plan as well. It is a small building on YBI. The only issue at this building is asbestos, but it has been added to this work plan for the purposes of schedule and contracting.

Site 31 was part of a former south storage yard. The Navy already conducted excavations of five different areas to a depth of 6 feet. There was burned debris within the excavation areas, so excavation Area D will need to continue in two different locations for a total of 3,200 additional square feet. That excavation is currently open. In June of 2010, a radiological anomaly was found in a sidewall. In spring of 2011 the Navy and their contractors went back to scan and sample the soil in order to confirm the presence of radium-226. Ms. Smith asked if the radiological anomaly was discrete. Ms. Battaglia said it was just an elevated reading.

Ms. Battaglia showed a figure from the work plan on slide 5 of the attachment, indicating the proposed excavation areas for Area D. Planned work includes characterization and disposal of existing stockpiles from the previous work as well. A gamma walkover survey will be conducted on all materials removed from those excavations as well as on the stockpiled materials. Ms. Battaglia said most of the details about this part of the project are in Section 4 of the work plan and she suggested RAB members focus on that section.

Moving on to Site 33, Ms. Battaglia explained it is part of the work plan because after reviewing old drawings and conducting several investigations, it has been determined there are five areas that need to be remediated. The Navy did not do an FS or a ROD for Site 33. Instead, as previously presented to the RAB, the Navy completed an Explanation of Significant Differences (ESD) that tied Site 33 to Site 31 based on the fact that the contamination and excavation plans are similar. Ms. Battaglia said the excavation at Site 33 will vary in depth from 1.0 to 4.5 feet. That is 0.5 feet deeper than the greatest depth of contamination found. The material removed during the excavation will also be scanned, just as it will be at Site 31.

Ms. Smith noted the rainy season is approaching and asked if there will be berms and other measures to control run off from the excavation piles. Ms. Battaglia said the team is prepared to deal with rain. She added that before any excavation is backfilled, the sample results will be shared with the BCT to keep them informed and on-board with closure.

Ms. Battaglia said Building 262 was historically used as a torpedo (mine) assembly building. The roof is made of corrugated transite, which is an asbestos-containing material. Portions of the roofing have broken off and landed on the floor. Prior to transferring this to TIDA, the Navy will abate the materials on the floor. A California-licensed asbestos abatement subcontractor will be used to either wet-wipe or high-efficiency particulate air (HEPA) vacuum the asbestos. That is the extent of the work at Building 262. Ms. Smith asked if the Navy is going to put a roof back on the building. Mr. Sullivan said there is still a roof on the building; it is just the roof pieces that have been knocked to the floor that will be abated.

Ms. Battaglia said the work plan has several appendices that may be of interest to the RAB, including plans for waste management, accident prevention, sampling and analysis, construction quality control, traffic, and environmental protection. Ms. Battaglia said the Navy hopes to issue the draft Work Plan by November 1 and is requesting comments by December 1. Then they hope to finalize the plan by December 21 and be in the field by December 22. If there are no rain delays, they could complete the field work by April 15 and have a draft RACR to the BCT by April 26. Project completion could occur as soon as August 30, 2012.

Ms. Walters noted the milestones listed during the property transfer update, and asked if Sites 31, 33, and Building 262 are all part of the planned transfer. Mr. Sullivan said the critical milestone for transfer is the Site 33 RACR. Ms. Battaglia said currently the Navy is planning two RACRs, one for Site 31 and one for Site 33, so the property transfer will need to rely only on Site 33. Site 33 will be the priority. Ms. Walters asked how Building 262 fits in. Mr. Sullivan said that is for contracting purposes only. It was convenient to add Building 262 into this work plan. There will be no RACR for that building, just a standard asbestos report after the work is completed.

Ms. Smith asked if the Navy will seal the asbestos that remains in the building. She noted if parts of the ceiling have fallen in and they clean those up now, it seems possible that more parts of the ceiling could fall in and then they will have to abate again. Mr. Sullivan said the transite material on the roof is non-friable. The holes in the roof appear to be from vandalism that occurred prior to the beginning of bridge construction. The overall roof is intact, and this is not a comprehensive abatement. It is just an action to address health and safety issues with what is currently on the floor.

Upcoming Documents and Field Schedule

Mr. Sullivan introduced Jessica Beck (Tetra Tech) to present the Document Tracking Sheet (Attachment I) and the Field Schedule Sheet (Attachment J). Ms.

Beck noted there are numerous documents being issued as draft within the next 30 to 60 days, all of which are highlighted in yellow on the handout. Ms. Beck noted there is a new document on the DTS, the Site 29 Artifact Technical Memorandum. It will cover three slivers of land along the edge of Site 29 that were not already transferred to Caltrans in the previous conveyance. Mr. Sullivan added that the Navy cannot transfer a CERCLA site that is not closed, but these slivers of land do not need to be part of the CERCLA Site 29.

Ms. Beck noted several upcoming field events that were discussed during the meeting, including groundwater sampling at Sites 21, 24, and 32, and soil gas sampling at Sites 21 and 24.

RAB Meeting Minutes

Mr. Sullivan said since the draft August 2011 RAB minutes were just sent out the day of the meeting, he would like the RAB to send comments within the next two weeks. Mr. Sullivan noted that when RAB minutes are finalized, they are posted on the Navy's website for general public access, in addition to being distributed to the RAB.

Co-Chair Announcements

Alice Pilram (RAB community co-chair) said the RAB will hold an annual potluck the hour before the December RAB meeting and encouraged everyone to participate.

Mr. Sullivan brought up the topic of the RAB meeting frequency. He said the Navy would like to transition from a bimonthly to a quarterly RAB meeting schedule, but they want to work with the RAB to do that. He asked for discussion about a possible schedule change. Ms. Walters asked for the Navy's reasoning behind the schedule change. Mr. Sullivan said the Navy wants to make the most efficient use of resources possible while still accomplishing the RAB's mission. He stated it is a significant use of time and resources to hold RAB meetings, and while the Navy is committed to the community involvement process, they want to make the best use of time for all participants and the best use of funding. Mr. Sullivan noted several years ago the NAVSTA TI meetings were reduced from monthly to bimonthly meetings.

Ms. Walters said that, based on the updates given at this meeting, it seems that there will be a tremendous amount of activity in the field and for document reviews in the next couple of months. She noted bimonthly meetings seem appropriate, but while so much is going on, quarterly meetings do not seem adequate. Ms. Smith agreed with Ms. Walters and said this seems like an inopportune time to change the meeting frequency. She added that the group should reassess in February, and that may be a good time to begin an adjustment

to quarterly meetings. Ms. Smith said it seems that most of the upcoming documents have a short turn-around review time.

Mr. Brennan also concurred, and said based on the number of documents coming out, and the fact that some are time sensitive because of transfer, he suggests having the regularly scheduled December and February meetings and then reassessing.

Ms. Smith asked if the Navy is meeting with the BCT in person or via conference call. Mr. Sullivan said the meetings are typically in-person. She asked if the meeting dates could be combined so there would not be double the travel expenses each month for the Navy to attend both meetings. Ms. Walters said her previous experience with the BCT is that it takes time to prepare for those meetings and it may be too difficult to prepare for both in the same day or even the same week. Mr. Sullivan said there are other installations that hold the RAB and BCT meetings on the same day or closer together and the Navy could examine that possibility for NAVSTA TI.

Ms. Pilram said she concurs that holding the regularly scheduled meetings in December and February and then reassessing in February is the favored plan of action for the RAB. Mr. Sullivan thanked the RAB members for their input and said he would take that information back to his management. He also said he would keep the RAB updated on the future schedule.

BRAC Cleanup Team Update

Mr. Sullivan said the Navy has undergone an organizational change, which should be transparent to the RAB and the BCT. The BRAC program is no longer under the Assistant Secretary of the Navy for Installations and Environment, and is now back under the Naval Facilities Engineering Command. That change took effect a few weeks prior to this RAB meeting. Ms. Smith said the change does not seem minor because it could mean redistribution of funds earned through transfer would get used in another way. Mr. Sullivan said the funding for BRAC work still has to go through Congress. BRAC is still reporting to the Navy, it is just a different office within the Navy.

Mr. Sullivan then reviewed the topics from the last two BCT meetings held since the August RAB meeting. He noted at the October meeting there was a technical meeting right after the BCT to specifically discuss the Sites 31 and 33 draft Work Plan. The Navy wanted to have a scoping meeting for the work plan with the BCT prior to preparing the draft in order to get a general consensus on the path forward.

Other Public Comments and Announcements

Mr. Brennan said he was not present at the last Citizen's Advisory Board (CAB) meeting, but has an update. The group discussed either stopping their meetings or moving to a quarterly schedule, but they have not yet made a decision. He noted that, because of impending transfer, there is not a lot for the CAB to do. He added that the last meeting they had was the first one the group had held in 4 or 5 months.

Mr. Sullivan said he believes the next TIDA Board meeting will be held on TI, which they do annually. (The regular meetings are at City Hall.) He said it may be at the RAB meeting location, the Casa de la Vista, or at the Pavilion by the Bay, next door.

Ms. Smith brought up her questions about Site 21, as noted during Mr. Holmgren's field activities update. She asked how a Proposed Plan could be issued for a site where the Navy is still preparing a draft work plan for soil gas investigation. It appears that one document says there will be land use controls, and the other document says the regulators want the Navy to further investigate so they can achieve unrestricted reuse.

Mr. Sullivan said this is partially the result of a compressed schedule because Site 21 is part of the closing conditions for conveyance, so some things are being done in parallel. Ms. Beck said that the treatability study for Site 21 was successful, so the Navy is using groundwater and soil gas data to determine the extent of contamination. However, there is an accelerated schedule for the Site 21 ROD to be completed. The expectation is that the additional soil gas data collected will not change the preferred alternative presented in the Proposed Plan, which is institutional controls. After the soil gas data is collected, the risk assessment numbers will be recalculated and that draft risk assessment addendum will be released at the same time as the draft ROD. Based on soil gas samples that have already been collected, they expect the risk numbers to be lower than they are currently.

Ms. Smith said she understands the process but does not agree with it. Her concern is that instead of achieving unrestricted reuse, the Navy will simply put institutional controls in place and not deal with contamination that is found. She noted there have been areas of NAVSTA TI where everything seemed fine, such as at Westside Drive, and then serious contamination was later discovered. She added that as a RAB, they do not have any real authority, so she hopes the City is paying attention and will step in and say something if they do not approve. Mr. Sullivan noted all of this data gathering and analysis will take place before the ROD is signed. The ROD is the concurrence of the regulatory agencies so they will have the chance to review and concur with any changes. He added that

TIDA has been involved in all of the discussions and their environmental consultant attends all of the BCT meetings and comments on documents.

Ms. Smith asked what happens if the Proposed Plan is accepted with land use controls, then it turns out the Navy needs to go back and do more environmental work at the site. Mr. Sullivan said the land use controls are not actually written until the ROD stage. The Proposed Plan would not have to be redone because it is really a draft ROD, so the ROD would be adjusted and approved by the appropriate parties before it is signed.

Ms. Walters said her concern is from a regulatory standpoint. It seems the Navy is making assumptions and a leap of faith about the sampling results they will get. She asked if DTSC is comfortable with the Navy preparing these documents in parallel. Ms. Walters added that having a RAB member allowed to be on the BCT would be helpful since they meet more often and discuss more technical details. She added that if RAB members cannot attend BCT meetings, she feels it is imperative that DTSC be present at all RAB meetings. It gives the public greater confidence and comfort in the Navy's path forward to hear the opinions and concerns DTSC may have.

Ms. Smith agreed with Ms. Walters about the need and purpose for having the DTSC at each RAB meeting. She noted she had requested this before. Previously, DTSC representatives have attended RAB meetings and the RAB was able to ask questions to them directly. It helped the RAB understand what they should be concerned about and focusing on, and what did not need to be an area of concern. She added that with so many upcoming documents and field work, as well as transfer plans, having DTSC present is even more vital. Mr. Sullivan said he would share that request with DTSC.

Future Meeting Agenda Items

There were no specific requests for future agenda items. Mr. Sullivan said the Navy will include whatever topics are timely on the next RAB agenda.

Mr. Sullivan noted the schedule for the next meeting and the next RAB conference call are on the back of the agenda (Attachment A). The meeting was adjourned.

October 2011 RAB Meeting Handouts

- Attachment A: NAVSTA TI RAB Meeting No. 156 Agenda, 18 October 2011
- Attachment B: Property Transfer & FOST Update, 18 October 2011
- Attachment C: Building 233, 18 October 2011
- Attachment D: Site 12, 18 October 2011

Final Treasure Island Restoration Advisory Board

Meeting Minutes, 18 October 2011

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- Attachment E: Sites 21, 24, and 32, 18 October 2011
- Attachment F: Sites 31 and 32, 18 October 2011
- Attachment G: Site 6 Update, 18 October 2011
- Attachment H: Draft Revised Work Plan, Soil Remediation – Sites 31, 33,
and Building 262, 18 October 2011
- Attachment I: Document Tracking Sheet, 18 October 2011
- Attachment J: Field Schedule, 18 October 2011

NAVAL STATION TREASURE ISLAND
ENVIRONMENTAL RESTORATION ADVISORY BOARD MEETING
Tuesday, 18 October 2011
7:00 PM.
Casa de la Vista Building 271
Treasure Island
MEETING NO. 156

- 7:00 – 7:05 **Welcome Remarks and Introductions**
Lead: James Sullivan, Navy Co-Chair
- 7:05 – 7:10 **Public Comment and Announcements**
Lead: James Sullivan, Navy Co-Chair
- 7:10 – 7:15 **Treasure Island/Yerba Buena Island Property Transfer Update**
Lead: James Sullivan, Navy Co-Chair
- 7:15 – 7:25 **Field Activities and Access Update**
Lead: John Baur, Shaw E & I
- 7:25 – 7:40 **Building 233 Draft Characterization, Remediation, and Final Status Survey Work Plan Preview**
Lead: Tony Konzen, Navy Project Manager
- 7:40 – 7:55 **Site 6 Draft RI/FS and Draft UST 240 Corrective Action Work Plan Preview**
Lead: Tony Konzen, Navy Project Manager, and Phil Skorge, ERRG, Inc.
- 7:55 – 8:05 **Sites 31/33 Draft Revised Remedial Action Work Plan Preview**
Lead: Lora Battaglia, Navy Project Manager
- 8:05 – 8:15 **Upcoming Documents and Field Schedule**
Lead: Jessica Beck, Tetra Tech EMI
- 8:15 – 8:20 **RAB Meeting Minutes**
Lead: James Sullivan, Navy Co-Chair
- 8:20 – 8:25 **Co-Chair Announcements**
Lead: Alice Pilram, Community Co-Chair
- 8:25 – 8:30 **BRAC Cleanup Team Update**
Lead: James Sullivan, Navy Co-Chair
- 8:30 – 8:35 **Other Public Comment and Announcements**
Lead: James Sullivan, Navy Co-Chair

8:35 – 8:40 **Future Meeting Agenda Items**
Lead: Navy and Community Co-Chairs

8:40 **Closing Remarks/End of Meeting**
Break/Informal Discussion for 30 minutes after the meeting
This is an opportunity to informally discuss issues

Next Regular Meetings: No November 2011 Meeting

7:00 pm Tuesday, 20 December 2011
Casa de la Vista, Treasure Island

No January 2012 Meeting

7:00 pm Tuesday, 21 February 2012
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, 29 November 2011, 7:00 pm.
Call-In Number: 1- 866-822-0121
Participant Code: 1122026

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

Next BCT/RPM/Project Team Meeting: 10:00 am. Wednesday, 2 November 2011, Tetra Tech EMI, Oakland

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
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BRAC Program Management Office



Naval Station Treasure Island Property Transfer Update

Restoration Advisory Board
October 18, 2011



Property Transfer Update



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



Property Transfer Update



- Major environmental milestones required for initial property conveyance from Navy to TIDA:
 - Complete Building 233 Radiological Final Status Survey Report
 - Complete CERCLA Site 21 Final Record of Decision (ROD)
 - Conduct Remedial Action at Site 33 and complete Remedial Action Completion Report (RACR)
- Property Conveyance in 2012 will consist of:
 - January 2012: Pre-closing conveyance of Yerba Buena Island property to support improvements to the Bay Bridge.
 - 2012: Initial conveyance of Treasure Island property upon meeting the environmental milestones.

3



Property Transfer Update



- No Early Transfers planned at this time.
- Future property conveyances will occur as necessary environmental response actions are completed and property is found suitable for transfer. The specific schedules for the necessary environmental actions are reflected in the Site Management Plan (SMP).

4



Naval Station Treasure Island



Building 233

Restoration Advisory Board (RAB) Meeting
October 18, 2011

1



Building 233



- Shaw prepared and submitted (June 13, 2011) a debris disposal summary package to CDPH, which summarized post remediation and radiological characterization of the Building 233 debris. CDPH concurred with the results contingent upon Shaw preparing an informal technical memo to accompany the data package and conducting surveys of 5 percent of the stockpiled debris to verify and validate the original data. The additional surveys will be conducted and a summary data package submitted in late-November/early-December (pending issuance of license in November).
- Shaw is incorporating BRAC/RASO comments on the Building 233 Work Plan. The agencies are scheduled to receive the Draft Work Plan for review October 21.

2



Naval Station Treasure Island



Site 12

Restoration Advisory Board (RAB) Meeting
October 18, 2011

1



Site 12 Documents



- Buildings 1123, 1319 & 1321 Demolition Work Plan
 - Shaw is incorporating BRAC comments. RASO comments are upcoming. The Agencies are scheduled to receive the Draft Work Plan for review in November.
- Bayside and Northpoint Remedial Action Completion Report (RACR)
 - Shaw is preparing the RACR describing the work completed at Bayside and Northpoint. The Internal Draft RACR was submitted to the Navy on October 18th for review.

2



SWDA Excavations



- Site 12 excavation work at SWDA A/B is on hold pending the demolition of Buildings 1123, 1319 and 1321 and discussions for completing remediation in this area.

3



Site 12 Steps Forward



- Shaw has applied for a California State Radiological License with the goal to have the license in place to support the upcoming work at Building 233 and Sites 31/33. Shaw anticipates receiving the license in November 2011.
- The weekly Public Health and Safety controls of the fence lines are continuing under the Philotechnics license. This includes dose rate surveys as well as fence repairs and visual inspections.

4



Bigelow Court Look Ahead

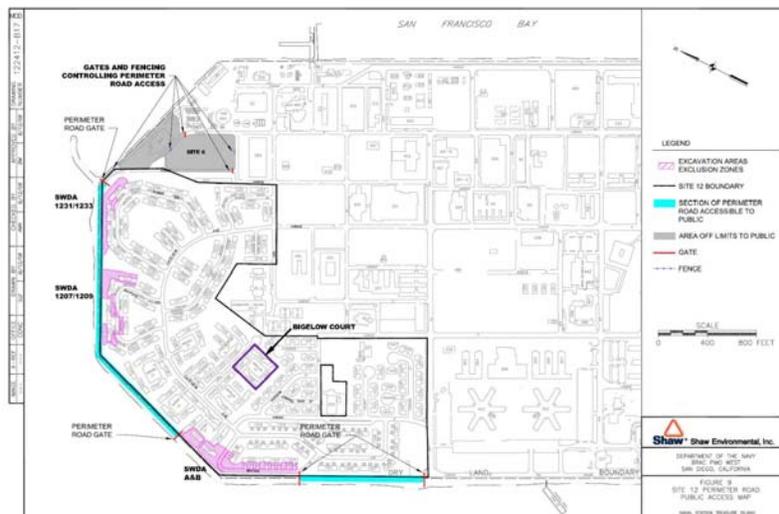


- Bigelow Court Work Plan
 - Shaw is revising the document based on discussions at a September 19, 2011 meeting with BRAC/RASO. A revised submittal schedule will be provided at the next RAB meeting.
- Field Mobilization
 - Field activities are expected to begin in fiscal year 2012.

5



Perimeter Road Access



6



Naval Station Treasure Island



Sites 21, 24 and 32

Restoration Advisory Board (RAB) Meeting
October 18, 2011

1



Groundwater Monitoring at Sites 21, 24, and 32



- Shaw started the third quarter groundwater monitoring event on October 3. Sampling has been completed at Sites 24 and 32. Fifty two (52) wells were sampled at Site 24 and two wells were sampled at Site 32.
- Groundwater sampling began at Site 21 on Monday October 17. Thirty five (35) wells are scheduled for sampling. Sampling is scheduled to be completed by Thursday October 20.
- Results of the third quarter groundwater monitoring event will be presented at the next RAB meeting.

2



Site 24 Treatability Study



- Phases 1 and 2 Treatability Report
 - The Response to Comments matrix was submitted to the Agencies for review on October 13.
- Phase 3 Work Plan
 - Agency comments have been incorporated into the Work Plan which is scheduled to be finalized by the end of this month.
 - Phase 3 field activities are scheduled to begin in November and address residual contamination along the southern site boundary.

3



Sites 21 and 24 Soil Gas Sampling



- Shaw submitted site specific soil gas screening levels for Site 21 to the Navy for review August 30.
- Responses to Agency comments related to the Soil Gas Sampling Work Plan were submitted to the Agencies for review on October 13.
- Field activities are expected to begin in November. Twenty six (26) locations at Site 21 and eight (8) locations at Site 24 are scheduled to be sampled.

4



Naval Station Treasure Island



Sites 31 and 33

Restoration Advisory Board (RAB) Meeting
October 18, 2011

1



Sites 31 and 33



- Shaw is revising the Internal Draft Work Plan based on discussions with BRAC/RASO.
- The Agencies are scheduled to receive the Draft Work Plan for review on November 1.
- Field activities are scheduled to restart at Site 31 and begin at Site 33 in December 2011.

2



Site 6 Update

Naval Station Treasure Island
Restoration Advisory Board Meeting
18 October 2011

Anthony Konzen, P.G., Navy BRAC
Project Manager

1



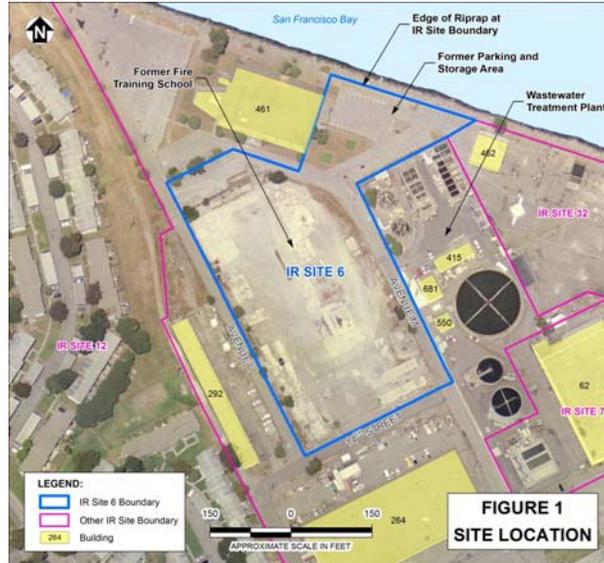
Presentation Overview

- **Site Background**
- **Remedial Investigation/Feasibility Study (RI/FS)**
- **Planned Corrective Action for UST/AST 240 Area**

2



Site Background



3



Site Background



➤ Historical Use

- Fuel fire simulations conducted from 1944-92, using diesel, gasoline, magnesium, and wood fuels

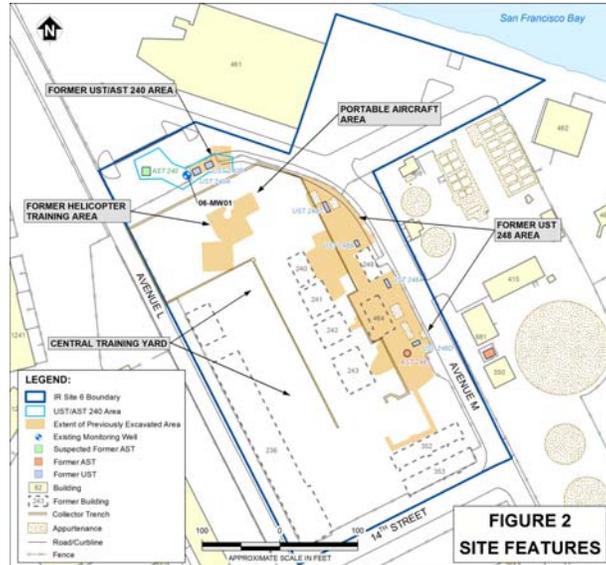
➤ Key Site Features

- Activities occurred at Central Training Yard and Former Helicopter Training/Portable Aircraft Areas
- Fuels were stored at
 - UST/AST 240 Area at northwest corner of Site 6
 - UST 248 Area at east-central portion of Site 6

4



Site Background



5



Site Background



➤ Prior Investigations and Cleanups

- Early investigations (starting in 1986) identified petroleum compounds in soil and groundwater
- 7 tanks were removed from site between 1992 and 2002
- Cleanup of petroleum compounds was performed in 2002-03 (soil excavation and free product recovery)
- Burned material (containing dioxins) were detected in shallow soil at the UST 248 Area during petroleum cleanup
- Follow-on investigations (since 2003) reported elevated petroleum compounds in groundwater at the UST 240 Area

6



Remedial Investigation / Feasibility Study



➤ Data Gaps Investigation (2010)

- A Data Gaps Investigation (DGI) was performed to evaluate nature and extent of dioxins, petroleum compounds, and other chemicals in soil, soil gas, and groundwater
- Data collected from the 2010 DGI is being used to complete a Remedial Investigation/Feasibility Study Report

7



Remedial Investigation / Feasibility Study



➤ Nature and Extent of Chemicals in Soil

- Dioxins were found above screening levels at three main areas of site:
 - Northwest corner of site,
 - UST 248 Area, and
 - Former Parking and Storage Area
- Dioxins were generally found in near-surface soil (within 1.5 feet of the ground surface)

8



Remedial Investigation / Feasibility Study



- **Nature and Extent of Petroleum Compounds in Soil**
 - Petroleum impacted soil found at two main areas of site:
 - Northwest corner of site (UST/AST 240 Area and Former Helicopter Training Area)
 - UST 248 Area
 - Petroleum compounds were commingled with dioxins in UST 248 Area and Former Helicopter Training Area, but not at the UST/AST 240 Area
 - Petroleum compounds were primarily found in soil below water table (at least 5.5 feet deep)

9



Remedial Investigation / Feasibility Study

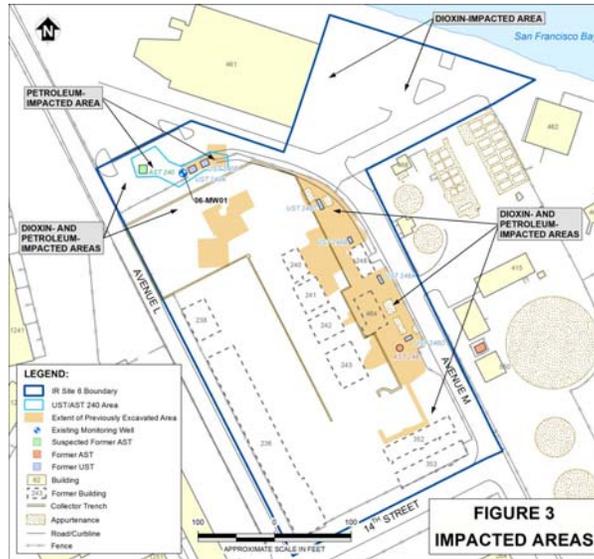


- **Nature and Extent of Other Chemicals**
 - Elevated levels of other chemicals (PCBs, herbicides, metals) were detected in soil, but only at isolated locations
 - Soil gas data indicated no major VOC concerns
 - Groundwater data identified petroleum impacts (and potential residual free product) in the UST/AST 240 Area, but identified no significant migration to the Bay

10



Remedial Investigation / Feasibility Study



11



Remedial Investigation / Feasibility Study



➤ RI/FS Report Status and Schedule

- Report includes site history, nature and extent evaluation for all chemicals, risk assessment, and evaluation of remedial alternatives
- Draft RI/FS report will be prepared and submitted in November 2011
- Final RI/FS report is planned to be submitted in February 2012

12



Planned Corrective Action for AST/UST 240 Area

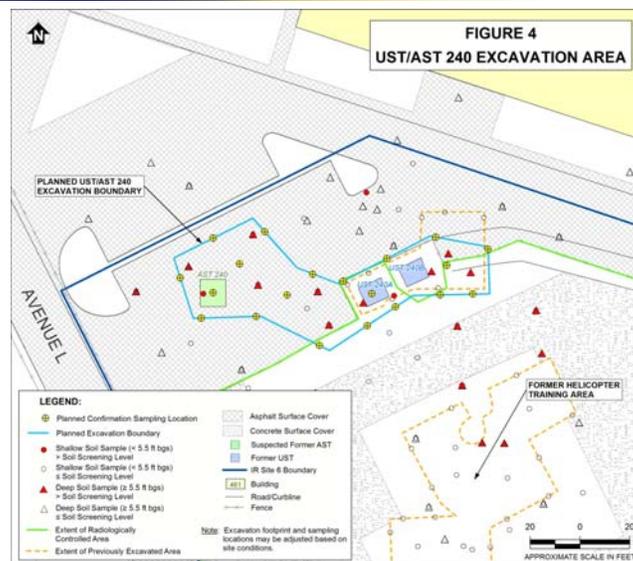


- **Navy proposes to perform early cleanup of the UST/AST 240 Area**
 - Data indicates that additional removal is needed to address criteria specified by the Water Board
 - Area does not contain dioxins, so the planning process can be streamlined and performed concurrent with the RI/FS
 - Goal is to remove petroleum-impacted soil and residual free product to the extent practical, in accordance with Water Board guidance

13



Planned Corrective Action for AST/UST 240 Area



14



Planned Corrective Action for AST/UST 240 Area



➤ **Field Tasks**

1. Abandon Well 06-MW01
2. Excavate petroleum-impacted soil to a depth of 8 feet
3. Perform limited dewatering, including removing potential free product
4. Collect confirmation soil samples from sidewalls and bottom of excavation
5. Characterize and dispose of petroleum-impacted soil
6. Restore/replace pavement and fencing
7. Install two groundwater monitoring wells

15



Planned Corrective Action for AST/UST 240 Area



➤ **AST/UST 240 Corrective Action Status and Schedule**

- Internal draft Corrective Action Plan (CAP) will be submitted on October 21, 2011
- Draft Corrective Action Plan (CAP) will be submitted in November 2011
- Final CAP is planned to be submitted by February 2012 and will be followed by field implementation

16



SITE 31/33



Draft Revised Work Plan Soil Remediation-Sites 31, 33 and Building 262 Naval Station Treasure Island San Francisco, CA

Lora Battaglia
Navy PM
RAB Meeting
August 4, 2011

1



PURPOSE



- Highlights of the Draft Revised Work Plan (WP) (Original WP issued January 2010)
- Schedule for the IR Sites 31 and 33 Field Work

Allowing timely progression towards critical milestones and successful project implementation beginning in December 2011.

2



BACKGROUND



Site 31

includes portions of a schoolyard, portions of 11th Street and Avenue E, and a portion of a parking lot

- Lead, Dioxins
- Benzo(a)pyrene
- Radium-226

Site 33

between 4th Street and 6th Street

- Lead, Arsenic
- Radium-226

Building 262

Torpedo Building located on the eastern tip of YBI

- Asbestos



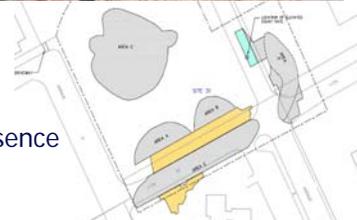
3



SITE 31 HISTORY



- Former South Storage Yard
- Original excavation included Areas A through E to 6 ft bgs
- The burnt debris was delineated and as it was determined that an additional 3,200 sq.ft required excavation
- June 2010 a radiation survey of the northwestern sidewall at Area D identified a potential radium-226 anomaly
- Soil samples in April 2011 confirmed the presence of radium-226



4

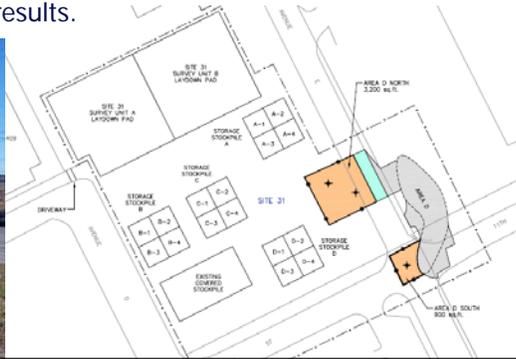
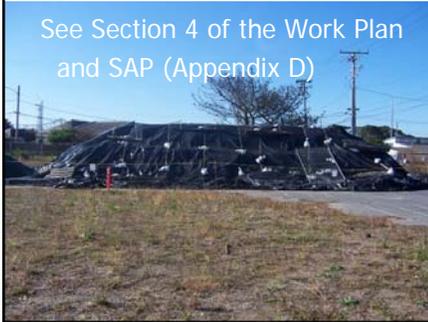


SITE 31 FIELDWORK



- Over excavation of Area D at two locations (North and South)
- Characterization and Disposal of the Existing Stockpiles
- Radiologic scanning (Gamma Walkover Survey) and sampling
- Soil will be segregated into separately labeled bermed stockpiles for storage pending analytical results.

See Section 4 of the Work Plan and SAP (Appendix D)



SITE 33 HISTORY



- A 1980's drawing shows areas where debris was observed within surfaces of a trench for a new water line
- 33 trenches were excavated in four step-out investigation phases
- Samples contained elevated concentrations of dioxins and metals
- Visible extent of burnt debris was laterally delineated through the step-out trenching activities
- The ESD to the Site 31 Final ROD includes Site 33 because of similarities in contamination and the proposed remedy

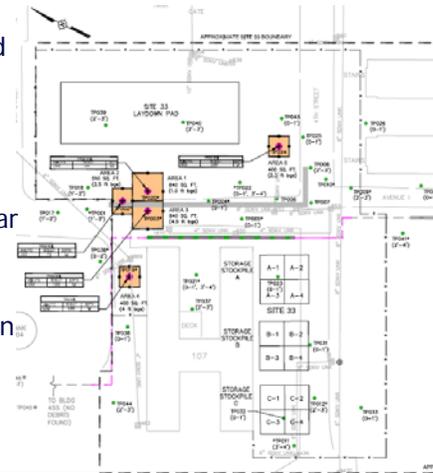




SITE 33 FIELDWORK



- Five excavation areas 1 to 4.5 ft
- Radiological screening will be performed because of the detection of radiation at Site 12 and at Site 31 (a triggering condition per the HRA)
- A laydown pad and soil stockpiles, similar to Site 31 will be constructed
- The BCT will be informed of confirmation sample results prior to backfilling



7



BUILDING 262



- The Building 262 roofing is made of a corrugated transite (ACM)
- Portions of the transite roofing have broken off and fallen onto the interior concrete building floor
- Prior to transfer to the City of San Francisco the fallen roofing material must be removed
- A California licensed asbestos abatement subcontractor will collect and containerize all roofing material that has fallen
- The entire interior concrete floor will be either wet wiped and/or high-efficiency particulate air vacuumed



8



Work Plan Appendices



Provides procedures for implementation and includes;

- Stormwater Pollution Prevention Plan (SWPPP)
- Waste Management Plan
- Accident prevention plan
- Sampling and Analysis Plan (SAP)
- Construction Quality Control Plan
- Traffic Control Plan
- Environmental Protection Plan

9



SCHEDULE



Nov 1-Draft work plan to agencies for review
Dec 1-Agency comments due back
Dec 21-Issue Final work plan
Dec 22- Begin Field work
Apr 15- End Field work
Apr 26- Draft RACR to agencies for review
Aug 30- Project complete

10

**Naval Station Treasure Island
Environmental Cleanup Program
Document Tracking Sheet
October 2011 - March 2012**

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					Priority Review	Preliminary RTCs to Agencies	Resolve and Concur on RTCs	Internal Final to Navy	Navy Comments Due		Final to Agencies									
							DTSC	WATER BOARD	EPA	TIDA/TICD	RAB								OTHER								
Shaw Group																											
1	Building 233 Characterization, Remediation and Final Status Survey Work Plan RPM: Anthony Konzen PM: John Baur	010	08/31/10, 09/30/10, 10/11/10, 03/11/11, 07/14/11, 10/04/11	✓	11/25/10, 03/04/11, 03/16/11, 08/12/11, 09/09/11, 10/14/11	✓	10/21/11	11/11/11									11/24/11	12/02/11	12/09/11	12/14/11	12/21/11	Meeting held between Shaw and BRAC/RASO on 9/19 to discuss the Plan. Revised Draft to BRAC/RASO on 10/4.					
2	Site 24 Treatability Study Report (Phase II) RPM: Danielle Janda PM: John Baur	FZN1	04/19/11	✓	05/04/11	✓	07/28/11	✓	09/09/11	✓	✓	✓						10/04/11	✓	10/20/11	11/03/11	11/10/11	11/17/11				
3	Sites 31/33 Remedial Action Work Plan (RAWP) RPM: Lora Battaglia PM: John Baur	FZN9	10/15/10, 11/22/10, 01/10/11, 08/19/11	✓	10/29/10, 11/10/10, 09/02/11	✓	11/01/11	11/29/11										12/06/11	12/09/11	12/15/11	12/20/11	12/21/11	Plan will also cover radiological surface scan of the site footprint and existing stockpile.				
4	Site 12 Bigelow Court NTCRA Work Plan RPM: Anthony Konzen PM: John Baur	FZN9	11/22/10, 12/23/10, 01/24/11, TBD	✓	12/14/10, 04/30/11, 08/01/11, TBD	✓	TBD	TBD										TBD	TBD	TBD	TBD	TBD	Rewrite of WP, SAP and RPP per MARSSIM is required; schedule TBD in consultation with Navy.				
5	Site 24 Treatability Study Work Plan (Phase III) RPM: Danielle Janda PM: John Baur	FZN1	03/23/11	✓	04/07/11	✓	06/06/11	✓	07/27/11	✓	✓	X	✓					08/23/11	✓	10/07/11	✓	10/14/11	10/21/11	10/28/11	EPA (6/16), WB (7/13), TIDA (7/27), DTSC, RTC comments by DTSC (9/1) and TIDA (9/12)		
6	Sites 21/24 Soil Gas Investigation Work Plan RPM: Danielle Janda PM: John Baur	FZ01	06/13/11	✓	07/07/11	✓	09/01/11	✓	09/22/11	✓	X	X	✓					10/13/11	✓	10/19/11	10/26/11	11/02/11	11/09/11	TIDA (9/22), DTSC (9/29) Schedule will be accelerated when possible.			
7	Buildings 1123, 1319, 1321 Demolition Plan RPM: Anthony Konzen PM: John Baur	010	06/14/11	✓	07/08/11	✓	11/11/11	12/11/11										12/24/11	01/03/12	01/17/12	01/24/12	01/31/12	Shaw awaiting RASO comments. Draft will be submitted to the BCT in November.				
8	Site 21 Soil Gas HHRA Addendum RPM: Danielle Janda PM: John Baur	:	01/29/12		02/06/12		02/24/12	03/20/12										04/13/12	TBD	04/24/12	04/28/12	04/30/12					
Tetra Tech EM Inc.																											
9	Finding of Suitability to Transfer (FOST) 3 RPM: David Clark PM: Marcie Rash	001	08/09/10	✓	09/02/10	✓	09/28/10	✓	11/03/10	✓	✓	✓	✓					12/08/10	✓	01/05/11	✓	01/21/11	✓	02/02/11	✓	TBD	DTSC (10/26), EPA (11/1), WB (11/8), TIDA (11/2). Final document on hold pending discussions with the State.
10	FOST Addendum (to 2006 TI/YBI documents) RPM: David Clark PM: Marcie Rash	001	04/22/11	✓	TBD		TBD	TBD										TBD	TBD	TBD	TBD	TBD	TBD	On hold pending discussions with State.			
11	2011 Site Management Plan (SMP) RPM: David Clark PM: Marcie Rash	001	03/24/11	✓	04/15/11	✓	04/27/11	✓	05/27/11	✓	X	X	✓					11/03/11	11/17/11	11/10/11	11/17/11	11/24/11	11/24/11	DTSC (5/3), TIDA (5/26), EPA (6/2)			

**Naval Station Treasure Island
Environmental Cleanup Program
Document Tracking Sheet
October 2011 - March 2012**

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					Priority Review	Preliminary RTCs to Agencies	Resolve and Concur on RTCs	Internal Final to Navy	Navy Comments Due		Final to Agencies						
							DTSC	WATER BOARD	EPA	TIDA/TICD	RAB								OTHER					
Tetra Tech EM Inc. (Continued)																								
12	Island Times Newsletter #18	001	10/24/11	11/07/11	11/17/11	12/01/11							12/11/11	NA	12/11/11	12/18/11	12/25/11							
	RPM: Jim Sullivan																		PM: Marcie Rash					
13	General Fact Sheet No. 6	001	08/01/11	✓	08/19/11	✓	09/02/11	✓	09/16/11	✓	✓	✓	NA	NA	10/19/11	10/26/11	11/02/11	WB (9/13), DTSC (9/13), EPA (9/15), TIDA (9/16)						
	RPM: Jim Sullivan																		PM: Marcie Rash					
14	Site 32 ROD/RAP	489	10/26/11* 11/18/11**	11/09/11* 12/07/11**	12/20/11	01/17/12							02/05/12	02/18/12	02/25/12	03/03/12	03/10/12	* Navy technical review ** Navy legal review						
	RPM: Danielle Janda																		PM: Jean Michaels					
15	Site 29 Artifact Technical Memorandum	001	10/07/11	10/18/11	10/21/11	11/20/11							11/24/11	NA	11/24/11	11/27/11	11/30/11							
	RPM: David Clark																		PM: Marcie Rash					
Chadux Tetra Tech																								
16	Site 12 RI Report	049	03/02/11	✓	04/01/11	✓	06/10/11	✓	08/26/11	✓	✓	✓	✓	10/26/11	11/04/11	12/16/11	12/30/11	01/19/12	EPA (8/19), DTSC (8/26), WB (8/26), TIDA/TICD (8/30), RAB					
	RPM: Anthony Konzen																			PM: Marcie Rash				
17	Site 21 PP/RAP	083	04/09/10* 05/20/10**	✓	05/09/10* 11/12/10**	✓	12/16/10	✓	01/15/11	✓	✓	✓	✓	08/18/11	✓	09/06/11	✓	NA	NA	09/12/11	✓	WB (12/28), TIDA/TICD (1/14), DTSC (1/14), RAB (1/16) Mailing 10/10: Cmt period begins 10/14		
	RPM: Danielle Janda																						PM: Jean Michaels	
18	Site 21 ROD/RAP	083	11/28/11* 12/16/11**	12/09/11* 1/11/12**	01/24/12	02/21/12							03/11/12	03/24/12	03/31/12	04/07/12	04/14/12		* Navy technical review ** Navy legal review					
	RPM: Danielle Janda																			PM: Jean Michaels				
18	Site 27 ROD/RAP	084	08/08/11* 09/20/11**	✓	09/06/11* 10/20/11**	✓	11/04/11	12/04/11					01/01/12	TBD	01/31/12	02/10/12	02/24/12		* Navy technical review ** Navy legal review					
	RPM: Lora Battaglia																			PM: Katie Henry				
19	Well Decommissioning Letter Report	044	08/10/11	✓	08/23/11	✓	08/30/11	✓	09/29/11	✓	✓		NA	NA	NA	NA	10/28/11		TIDA (9/14), WB					
	RPM: Tony Konzen																			PM: Yohji Ono				
Trevet																								
2010 Sites 6 & 12 Annual Groundwater Report		9002	02/23/11	✓	04/08/11	✓	05/11/11	✓	06/21/11	✓	✓	X	✓	08/18/11	✓	08/25/11	✓	08/25/11	✓	08/25/11	✓	08/31/11	✓	EPA (6/2), DTSC (6/20), TIDA (7/5), WB (7/13)
	RPM: Tony Konzen																							

**Naval Station Treasure Island
Environmental Cleanup Program
Document Tracking Sheet
October 2011 - March 2012**

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					Priority Review	Preliminary RTCs to Agencies	Resolve and Concur on RTCs	Internal Final to Navy	Navy Comments Due		Final to Agencies
							DTSC	WATER BOARD	EPA	TIDA/TICD	RAB							
ERRG																		
20	Site 6 RI/FS Report	:	09/23/11	✓	10/24/11	11/07/11	12/07/11							01/04/12	TBD	02/03/12	02/13/12	02/27/12
	RPM: Tony Konzen																	
	PM: Phil Skorge																	
21	UST 240 Corrective Action Plan Work Plan	:	10/21/11		11/04/11	11/11/11	12/11/11							12/18/11	TBD	12/25/11	01/01/12	01/06/12
	RPM: Tony Konzen																	
	PM: Phil Skorge																	
CH2M Hill and Kleinfelder																		
22	YF3 Add'l Soil/Groundwater Sampling Work Plan	0026	07/26/11	✓	08/25/11	✓	11/15/11	12/15/11						12/29/11	01/12/12	01/17/12	01/21/12	01/24/12
	RPM: Danielle Janda																	
	PM: Eric Johansen																	

- ✓ Production or review of document is complete.
- X Received notification of no comments or comments deferred to other agency.

Grey shading indicates the document is finalized.
 Blue shading indicates agency review comments are due within the next 60 days or are outstanding.
 Yellow shading indicates documents that will be issued draft or final within the next 60 days.

Abbreviations:

- Bldg = Building
- CTO/DO = Contract task order/delivery order
- DTSC = Department of Toxic Substances Control
- EPA = U.S. Environmental Protection Agency
- FS = Feasibility study
- HHRA = Human health risk assessment
- LUC = Land use covenant
- NA = Not applicable

- PCB = Polychlorinated biphenyls
- PM = Project manager
- PP = Proposed plan
- RAP = Remedial action plan
- RASO = Radiological Affairs Support Office
- RI = Remedial investigation
- ROD = Record of decision

- RPM = Remedial project manager
- SAP = Sampling and analysis plan
- TBD = To be determined
- TICD = Treasure Island Community Developers
- TIDA = Treasure Island Development Authority
- UST = Underground storage tank
- Water Board (WB) = Regional Water Quality Control Board

**Naval Station Treasure Island
Navy Field Schedule
October 2011 - March 2012**

Item	Activity & Investigation Area	DTS #	Field Dates		Navy RPM	CTO/DO	Project Manager	Field Team Lead	Complete
Shaw									
1	Non-Time Critical Removal Action <i>Site 12</i>	Doc NA	Start: Finish:	02/26/07 TBD	Tony Konzen (619) 532-0924	010	Tony Searls (509) 735-9736	John Baur (925) 288-2019	
2	Site 31 Remedial Action <i>Site 31</i>	Doc 3	Start: Finish:	TBD TBD	Lora Battaglia (619) 532-0968	FZN9	John Baur (925) 288-2019	John Baur (925) 288-2019	
3	Building 233 Debris Screening / Final Status Survey <i>Building 233</i>	Doc 1	Start: Finish:	07/26/10 TBD	Tony Konzen (619) 532-0924	010	Tony Searls (509) 735-9736	John Baur (925) 288-2019	
4	Sites 21, 24, 32 3rd Quarter Groundwater Sampling <i>Sites 21, 24, 32</i>	Doc NA	Start: Finish:	10/03/11 10/20/11	Danielle Janda (619) 532-0924	FZ01	John Baur (925) 288-2018	Brian Holmgren (415) 398-6547 ext. 231	
5	Site 24 Phase 3 <i>Site 24</i>	Doc 5	Start: Finish:	10/19/11 TBD	Danielle Janda (619) 532-0924	FZN1	John Baur (925) 288-2018	Brian Holmgren (415) 398-6547 ext. 231	
6	Sites 21 and 24 Soil Gas Investigation <i>Site 24</i>	Doc 6	Start: Finish:	11/14/11 11/28/11	Danielle Janda (619) 532-0924	FZ01	John Baur (925) 288-2018	Brian Holmgren (415) 398-6547 ext. 231	
Trevet									
	Site 6 3rd Quarter Groundwater Sampling <i>Site 6</i>	Doc NA	Start: Finish:	09/08/11 09/09/11	Tony Konzen (619) 532-0924	:	Matt Fuller (858) 578-8859	Matt Fuller (858) 578-8859	✓
7	Site 6 4th Quarter and Site 12 Semiannual Groundwater Sampling <i>Sites 6 and 12</i>	Doc NA	Start: Finish:	12/12/11 12/16/11	Tony Konzen (619) 532-0924	:	Matt Fuller (858) 578-8859	Matt Fuller (858) 578-8859	

Abbreviations:

- CTO/DO Contract task order/delivery order
DTS # The number listed corresponds to the associated documentation listed on the Document Tracking Sheet.
NA Not applicable, there is no associated documentation listed on the DTS.
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.