



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

N60028\_001694  
TREASURE ISLAND  
SSIC NO. 5090.3.A

Meeting # 145

15 DECEMBER 2009

**Community Restoration Advisory Board (RAB) Members in attendance:**

Nathan Brennan, Alice Pilram

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

James Sullivan (Navy), Ross Steenson (San Francisco Bay Regional Water Quality Control Board [Regional Water Board]), Medi Sunga (Department of Toxic Substances Control [DTSC])

**Other Navy and Regulatory Staff and Consultant Representatives in attendance:**

Pete Bourgeois (Shaw Environment and Infrastructure [Shaw]), David Clark, (Navy), Tony Konzen (Navy), Campbell Merrifield (Tetra Tech EM Inc. [Tetra Tech]),

**Public Guests**

None

**Welcome Remarks and Introductions**

James Sullivan (Base Realignment and Closure [BRAC] Environmental Coordinator) opened the meeting, held at the Casa de la Vista (Building 271) on Treasure Island (TI). He thanked everyone who had participated in the annual holiday potluck, held just prior to the meeting. Mr. Sullivan noted the meeting handouts were available on the back table, including copies of the agenda (Attachment A.) There were no comments or requested additions to the agenda.

**Public Comment and Announcements**

Mr. Sullivan stated there are two public comment periods included in the RAB agenda to provide members of the public an opportunity to comment on the Navy's environmental program at Former Naval Station (NAVSTA) TI – one at the start of the meeting and one near the end. Attendees are also encouraged to ask questions or make comments at any time during the meeting. No public comments were provided at this time.

Mr. Sullivan stated he had a few announcements. He reminded the group that the Lead Remedial Project Manager (RPM) Charles Perry transitioned into a new position with the Navy. He introduced Mr. Perry's replacement, Dave Clark (Navy). Mr. Sullivan noted that he and Mr. Clark had already worked together

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on other installations such as Novato and Crows Landing, and Mr. Clark also worked on Point Molate, which is moving towards transfer. Mr. Sullivan also noted that Jim Whitcomb, another Navy RPM, had transitioned to the Hunters Point team, and is only assisting with Sites 12 and 6 on NAVSTA TI. Taking Mr. Whitcomb's place is Tony Konzen (Navy). Both Dave and Tony thanked the RAB members for welcoming them.

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

Mr. Sullivan introduced Pete Bourgeois (Shaw) to provide an update on field activities at Sites 21, 24, 31, and 32. (Attachment B). Mr. Bourgeois began with Site 31, which is the excavation work adjacent to the daycare facility and within the schoolyard. He noted that Shaw is currently working on the response to comments for the remedial action work plan and would be sending that to the Navy and the regulatory agencies for review. Shaw is hoping to mobilize for fieldwork in mid January, depending on getting final comments during the holiday season. Mr. Bourgeois stated the excavation work at Site 31 should take about 2 months. It is a small excavation that encompasses 11<sup>th</sup> Street, a portion of the schoolyard, and a portion of the area adjacent to the Gaelic fields.

Mr. Bourgeois displayed a map of Site 31 that depicts the planned excavation areas, labeled areas A through E. He stated that a portion of the corner of Avenue E and 11<sup>th</sup> Street would be closed during the work.

Mr. Sullivan added that Site 31 is the first site on NAVSTA TI where the Navy has gone completely through the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) process to the Record of Decision (ROD), and has a post-ROD remedial action. For Site 30, the Navy will be implementing institutional controls, but Site 31 will have a remedial action. He noted NAVSTA TI has had several no-action RODs.

Mr. Bourgeois gave an update for Sites 21 and 24, noting it was similar to the update given at the last RAB meeting. Site 21 is near the TI Sailing Center. Site 24 is in the middle of TI, off of Avenue N, near Buildings 260 and 99. The work being conducted at Sites 21 and 24 is groundwater bioremediation, to treat trichloroethylene (TCE) and tetrachloroethene (PCE) contamination. At Site 21 Shaw is about to complete the fourth round of groundwater sampling in the source area, and the first round in the down-gradient plume. That should be completed by the latter part of January. Shaw removed all of the pumps and electrical wires for the bioremediation system because they have had previous problems with copper thieves. He noted they were not having recurring issues, though possibly because the price of copper has gone down. However, everything is now locked away in case it needs to be used again. Mr. Bourgeois added that Shaw has done some performance monitoring, with favorable results, and they hope to be done with the bioremediation system at this site.

Mr. Bourgeois moved on to an update on the Site 12 arsenic in groundwater project. He stated Shaw has found free product (petroleum) in one of the wells in the area, and is working with the Navy to determine the best path forward. There may have been an underground tank in the area near Buildings 1312 and 1313, near Westside Drive and Gateview Drive. To verify this, they did a geophysical survey on 2 December 2009. They are currently reviewing the data from that survey, and will present it to the RAB at the next meeting. Mr. Bourgeois noted that Buildings 269 and 273 are former buildings in that area. The survey encompassed the footprints of those former buildings to determine if there was an underground tank related to one of them. Mr. Bourgeois noted that well MW-38, where the free product was found, sits on the corner of current Building 1313 and former Building 269. The crew used two types of ground-penetrating radar. One can see much deeper than the other one; the one that is dragged along the ground can detect shallow anomalies, and one on wheels where a technician walks behind is much stronger. Medi Sunga (DTSC) asked if the field crews used both types of radar in the same locations, and Mr. Bourgeois confirmed that they did. Mr. Bourgeois stated that in January 2010, Shaw is planning to install four wells near the current well MW-38 to delineate the petroleum contamination in order to make an assessment of the path forward.

Mr. Bourgeois moved on to the update on Site 32, noting that is the area where Shaw conducted the low-level polychlorinated biphenyls (PCB) excavation. He stated there was an area of TPH contamination, possibly related to Building 445, next to the excavation area. Mr. Bourgeois reviewed the photographs showing how the Shaw field team did a grid layout of the TPH area, in 30-foot by 30-foot squares. They excavated each grid square to a depth of 11 feet, removing all TPH contamination they could see, and backfilled the areas. Mr. Bourgeois stated the team backfilled the areas with rock up to the smear zone, and sprayed it with ORC-A, which is an oxygen releasing compound that helps degrade the petroleum.

Mr. Bourgeois stated they thought the rip-rap [seawall] would be pyramid shaped, but upon digging they discovered it was a [vertical] shear wall, so that caused some issues with the excavation. Digging all of the rip-rap away would compromise the wall, since the bay is right next to it. So the team did the work in small sections, then would backfill and compact immediately. Mr. Bourgeois also showed photographs of what Building 445 looked like prior to demolition, as well as photographs of the demolition. It was a corrugated metal building that was not in use. He noted there was a wooden structure in the interior as well. There was a 75-foot section of pipe that had low-level friable asbestos, so an asbestos contractor came in to remove it. Mr. Bourgeois stated that since the building was metal, they were able to recycle it, meaning the project wound up being no cost for the Navy.

Mr. Bourgeois reviewed a drawing of the excavation footprint. He noted all of the dots and pluses are sample locations, and they are all green. Green indicates they are below criteria and did not exceed any of the chemicals of concern for which they were tested. He noted there was one sample, PS-12, next to Building 445, and it is the one sample above criteria, and was the reason they went out and demolished the building. Mr. Bourgeois stated Shaw is going to put in two monitoring wells, probably in early January; one near sample points 44 and 62 and the other near sample point 41, both of which will be within the TPH area. Mr. Bourgeois stated those two wells will be tied in with the four to six wells that Shaw will put in for the Site 12 arsenic in groundwater project. The other work remaining at the site is restoration. Shaw will be restoring the site with wildflowers. Mr. Sullivan noted the vegetation will not require any regular maintenance on the part of the City.

Mr. Sullivan also noted that at Site 32, the Navy is conducting this removal action prior to the ROD, and the goal is to have a no-further-action ROD. He added this removal will be documented in a report that will be referenced in the Proposed Plan.

#### **Site 12 (TI Housing Area) Field Efforts Solid Waste Disposal Areas**

Mr. Bourgeois moved on to the update on the Site 12 Solid Waste Disposal Area (SWDA) removal action (Attachment C). He started with a map of the site, showing where Shaw had removed more of the roadway at Westside Drive. He noted they would continue working on the roadway for about a month, and then start work at the hot spot at Building 1321. Mr. Bourgeois stated the team is about 95 percent done with the work in the current footprint.

To date, 624 bins, equivalent to about 14,000 tons of low-level radiological contaminated soil, has been shipped off-site. The work behind Building 1121 has been completed. Currently, Shaw is working with the Navy BRAC PMO and the Navy Radiological Affairs Support Office (RASO) to complete the hot spot work. Mr. Bourgeois noted the hot spot is an area where there are radiological commodities with an elevated reading. The area is currently covered by a trench plate to be protective. He noted that because the levels are higher in that area than in other areas, Shaw must address it differently to be protective of their workers.

Mr. Bourgeois stated Shaw is also working with the Navy BRAC PMO and Navy RASO on the backfill around Building 1123. They plan to backfill it in order to bring it up to grade. Final status survey data must be collected before they can add in the backfill material.

Mr. Bourgeois stated that, as had previously been noted to the RAB, Shaw did a dose rate survey in several areas including Buildings 1205, 1215, 1224 and 1226

on Bayside Drive; 1227, and 1237 through 1240 and 1244 on Northpoint Drive, and 1246 on Gateview Court. He stated most of these buildings were selected for the survey because of their proximity to the excavation footprints; 1244 and 1246 were selected because they are near the anomaly that was found. The results from the survey are being compiled in a report. There were no readings above the background level, which is good news.

Mr. Bourgeois moved on to photographs of the excavation work, noting they are using a mini excavator with a very small bucket. The process is to dig a little bit of soil, scan it, put it into the front-end loader bucket, scan it again, then put it on the pad located in Lester Court. From there the soil is moved off-island. Mr. Bourgeois also showed photographs of the dose rate survey, showing the technicians taking the readings at waist level, and recording all of them. He stated again that a technical memorandum with the results of the surveys was being prepared and would be distributed for review. There were no questions or comments.

### **2009 Look Back**

Mr. Sullivan presented a "Look-Back at 2009" presentation (Attachment D), noting that a "Look-Ahead for 2010" will be given at the first meeting in 2010, February, instead of being combined with this presentation. Mr. Sullivan reviewed a site status chart, noting Sites 8, 11, and 29 have been transferred to Caltrans. He noted the Navy can only move the environmental program to a certain level at those sites because of ongoing construction for the Bay Bridge. The Navy and Caltrans have ongoing discussions about the path forward for those sites once the new bridge is completed and the old bridge is demolished.

Mr. Sullivan noted the status of each CERCLA site is important because the Navy cannot transfer property until the site is closed through the CERCLA process, or unless the Navy and the City reach an agreement for early transfer. Mr. Sullivan reviewed photographs of work that was conducted in 2009, noting Mr. Bourgeois covered much of it in his field activities update.

Mr. Sullivan stated that, for the Annual Groundwater Status Report for 2008, it goes through a process of being draft, draft final, and then final, which is why it takes most of the year to finish. He noted in 2010 the Navy and their contractors would be working on the Annual Groundwater Status Report for 2009.

Mr. Sullivan noted that an Interim Remedial Investigation (RI) report was done for Sites 8 and 29. It is interim because of the work on the Bay Bridge, and there may be a revision to the RI report later. He noted Site 28 is also on Yerba Buena Island, but is not part of the bridge construction, so the Navy is continuing through the CERCLA process at that site.

Mr. Sullivan moved through a list of field activities and final documents for the open CERCLA sites, and discussed the community outreach conducted in 2009. He noted the general environmental fact sheet that was updated is always available at RAB meetings, and can be found on the Navy's website. He compared the fact sheet to the Site Management Plan, stating it gives the same kind of basewide update and status. He noted one of the more successful events was the Navy booth at the Treasure Island Development Authority's (TIDA) on-island board meeting, held annually. He also noted that there are more than 100 people on the Navy's new email distribution list.

Mr. Sullivan also gave an update on compliance programs, which include petroleum, lead-based paint, PCBs, Asbestos-containing material, and radiological programs. He noted the PCB work was completed under the Toxic Substances Control Act of 1976 (TSCA) program. Mr. Sullivan wrapped up with additional photographs of work conducted in calendar year 2009. There were no questions.

### **Upcoming Documents and Field Schedule**

#### **Documents**

Mr. Sullivan introduced Campbell Merrifield (Tetra Tech) to review the Document Tracking Sheet (Attachment E) and the Field Schedule Sheet (Attachment F). Ms. Merrifield reviewed the documents that will be issued or have comments due within the next 60 days; all of them are highlighted on the attachment. She noted numerous items will be issued as final within the next 60 days.

#### **Field Schedule**

Ms. Merrifield stated the soil abatement at Site 32, discussed tonight, would be completed by Shaw possibly by the end of December. Then the team will just need to install the wells Mr. Bourgeois mentioned. Work at Site 31 will begin in mid January, and a data gaps investigation at Site 6 will begin in mid February. There were no questions.

### **October 2009 RAB Meeting Minutes**

Mr. Sullivan asked if there were any comments on the October 2009 meeting minutes. Nathan Brennan (RAB member) moved to accept them, and Alice Pilram (RAB Co-chair) seconded. It was agreed that Mr. Sullivan will check-in with RAB member Dale Smith to make sure she does not have any comments. The October 2009 minutes were finalized, pending comments from Ms. Smith.

### **Co-Chair Announcements**

Ms. Pilram stated that VIE Winery would be hosting an open house on the Saturday following this RAB meeting, from 1:00 p.m. to 5:00 p.m. on TI. She noted people could sign up on Facebook and buy a ticket for \$10, or the cost would be \$15 at the door. She noted the location is the winery itself, which is Building 201, the former Navy Exchange building, in the center of TI.

Mr. Sullivan noted there are several commercial tenants who make alcohol products, and some of them had given a presentation and had tables at the on-island TIDA board meeting that Mr. Sullivan mentioned earlier.

### **BRAC Cleanup Team Update**

Mr. Sullivan gave a brief update on the two BRAC Cleanup Team (BCT) meetings held since the last RAB meeting, in November and December 2009; they are always held the first Wednesday of the month. Mr. Sullivan stated the BCT discussed all of the field work that Mr. Bourgeois has presented tonight. He stated there was also a separate technical meeting after the BCT, to discuss the responses to agency comments on the Site 27 (Clipper Cove Skeet Range) feasibility study. He noted the Navy and their consultants Tetra Tech had prepared a feasibility study, then conducted some additional field work and prepared a revised draft feasibility study. The Navy and Tetra Tech are still working through the process of finalizing the responses to comments, then finalizing the feasibility study. Mr. Sullivan stated there were two key items that the agencies and the City and their developer had regarding the feasibility study: 1) the depth of characterization of the sediment and 2) addressing the City's planned reuse of the Clipper Cove as an expanded marina. The Navy and the agencies and City are not in consensus yet on those two items.

Mr. Sullivan stated the BCT also had a technical meeting after the December BCT meeting to discuss the Site 6 data gaps investigation. They discussed responses to comments on the work plan. He noted the team had mostly reached consensus on the responses to comments, and some additional information was being prepared for the BCT.

Mr. Sullivan stated the team had scheduled the BCT meetings for the rest of the year, and they will all be on the first Wednesday of the month. For one month, the team will have an expanded meeting in San Diego, but the date for that is still to be determined. The next BCT meeting will be Wednesday, 7 January 2010.

### **Other Public Comments and Announcements**

Mr. Brennan stated the Citizens Advisory Board (CAB) did not have a meeting in November or December. He suggested people check the website for the schedule for 2010.

### **Future Meeting Agenda Items**

Ms. Pilram requested the Navy present the Look-Ahead for 2010 at the next meeting, and Mr. Sullivan confirmed that would be on the agenda. Mr. Brennan asked if Shaw would have the preliminary analytical results from the work at Site 21. Mr. Bourgeois stated they may have the results by February, and will give the RAB an update if possible.

Mr. Sullivan noted the next meeting is scheduled for Tuesday, 16 February 2010, at the Casa de la Vista. The RAB community conference call is scheduled for Tuesday, 26 January 2010.

### **December 2009 RAB Meeting Handouts**

- Attachment A: NAVSTA TI RAB Meeting No. 145 Agenda, 15 December 2009
- Attachment B: Field Activities, Site 12 Arsenic, and Sites 21, 24, 31, and 32
- Attachment C: Site 12 (TI Housing) Field Efforts SWDAs
- Attachment D: 2009 Look Back
- Attachment E: Document Tracking Sheet, 15 December 2009
- Attachment F: Field Schedule, 15 December 2009

ATTACHMENT A

NAVAL STATION TREASURE ISLAND  
ENVIRONMENTAL RESTORATION ADVISORY BOARD  
MEETING NO. 145 AGENDA

DATED 15 DECEMBER 2009

NAVAL STATION TREASURE ISLAND  
ENVIRONMENTAL RESTORATION ADVISORY BOARD MEETING

Tuesday, 15 December 2009

7:00 PM.

**Casa de la Vista (Building 271)**

**Avenue of the Palms**

Treasure Island

**MEETING NO. 145**

- 6:00 - 7:00    **Optional Potluck Social**
- 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    **Field Activities Update**  
**(Site 12 Arsenic in Groundwater, Sites 21 and 24, Site 31 and Site 32)**  
Lead: Pete Bourgeois, Shaw E & I
- 7:20 - 7:35    **Site 12 (TI Housing) Removal Action and Access Update**  
Lead: Pete Bourgeois, Shaw E & I
- 7:35 - 7:55    **Look Back of 2009 Activities**  
*(Look Ahead for 2010 scheduled for February 2010 RAB Meeting)*  
Lead: James Sullivan, Navy Co-Chair
- 7:55 - 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
- 8:15 - 8:20    **BRAC Cleanup Team Update**  
Lead: James Sullivan, Navy Co-Chair
- 8:20 - 8:25    **Other Public Comment and Announcements**  
Lead: James Sullivan, Navy Co-Chair

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

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

Next Regular Meetings:                    No January 2010 Meeting

  7:00 pm Tuesday, 16 February 2010  
  Casa de la Vista, Treasure Island

  No March 2010 Meeting

  7:00 pm Tuesday, 20 April 2010  
  Casa de la Vista, Treasure Island

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

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

**Tuesday, 26 January 2010, 7:00 pm.**

Call-In Number:        1- 866-822-0121

Participant Code:     1122026

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

Next BCT/RPM/Project Team Meeting: 10:00 am. **Wednesday** 6 January 2010, Tetra Tech EMI, **Oakland** CA

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

Navy San Diego Office Address:  
JAMES B. SULLIVAN  
DEPARTMENT OF THE NAVY  
BASE REALIGNMENT AND CLOSURE  
PROGRAM MANAGEMENT OFFICE WEST  
1455 FRAZEE ROAD, SUITE 900  
SAN DIEGO, CA 92108-4310

ATTACHMENT B

FIELD ACTIVITIES  
SITE 12 ARSENIC, AND SITES 21, 24, 31, AND 32



# **Naval Station Treasure Island**

## **Field Activities**

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

**December 15, 2009 RAB Meeting**



## **Site 21 & 24**

- **The fourth Round of Groundwater Sampling for Site 21 will occur in January 2010.**
- **The Second Round of Groundwater Sampling for the Site 24 Source Area will occur in January 2010.**
- **The first sampling event for the down gradient loops at Site 24 will happen in January 2010.**
- **The removal of pumps and electrical wire from the Site 24 wells was completed.**

## Site 31 Path Forward



- **Shaw is currently completing the Response to Comments table for Navy and agency review.**
- **Proposed Mobilization date for the field effort is Mid-January 2010.**
- **Excavation efforts should last roughly 2 months.**

## Site 12 Arsenic Path Forward



- **December 2<sup>nd</sup> a Geophysical Survey was completed around Buildings 1312 and 1313. This was to determine if an underground tank exists in the area.**
- **The data from the underground survey is currently being reviewed to determine the next phase of work to be completed.**
- **Early January 2010 4 to 6 wells will be drilled on 20-foot centers from MW-38 to help delineate the petroleum contamination.**
- **An assessment will be made after this information is reviewed.**

# Site 12 Arsenic Path Forward



Geophysical Area and Walkover Survey with Under-Ground Penetrating Radar

# Site 12 Arsenic Path Forward



Two Types of Under-Ground Penetrating Radar Equipment Used in Survey

## Site 32/Parcel T-111



Excavations of Grids in the TPH Contamination Area

## Site 32/Parcel T-111



Mixing and Spraying of ORC-A while Backfilling Excavation

## Site 32/Parcel T-111



**Backfill after Completion of Excavation Efforts**

## Site 32/Parcel T-111



**Backfill Along Rip-Rap after Completion of Excavation Efforts**

## Site 32/Parcel T-111



**Backfill and Compaction along Rip-Rap**

## Site 32/Parcel T-111



**Backfill and Compaction in the TPH excavation Area**

## Site 32/Parcel T-111



**Building 445, Prior to the Start of Demolition**

## Site 32/Parcel T-111



**Demolition of Interior Wood Structures**

## Site 32/Parcel T-111



**Removal of Asbestos Steam Line within Building 445**

## Site 32/Parcel T-111



**Demo of Building 445**

# Site 32/Parcel T-111



**Demo and Removal, for Recycle, of Building Material**

ATTACHMENT C

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



# Field Efforts Solid Waste Disposal Areas

December 15, 2009  
NAVSTA Treasure Island  
RAB Meeting

## Status at SWDA A&B



STATUS OF SWDA A&B EXCAVATION, NOVEMBER 2, 2009



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 624 Bins have been shipped off Site for disposal, this equals roughly 14,040 tons of soil.
- 56 Bins have been shipped since the restart of work.
- Excavation efforts are concentrated on the Area Behind Building 1121 and the Westside Drive roadway.

## **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.
- Working with RASO and BRAC PMO West to complete the work instruction for the backfill at Building 1123.
- Completed the Backyard Dose Rate Survey of the Following Buildings:
  - Buildings 1205, 1215, 1224, and 1226 on Bayside Drive.
  - Buildings 1227, 1237, 1238, 1239, 1240, and 1244 on Northpoint Drive.
  - Buildings 1246 on Gateview Court

## Work at SWDA A&B



Scanning Soil from Excavation Work Behind Building 1121

## Work at SWDA A&B



Scanning Soil from Excavation Work Behind Building 1121

## Work at SWDA A&B



**Measuring the Dimensions and Features of each backyard, prior to Dose Rate Survey**

## Work at SWDA A&B



**Recording Readings taken in each Backyard as Dose Rate Survey is Performed.**

# 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, February 16th at 7:00 PM  
[James.b.sullivan2@navy.mil](mailto:James.b.sullivan2@navy.mil)

**Navy Web Site:**  
[www.bracpmo.navy.mil](http://www.bracpmo.navy.mil)

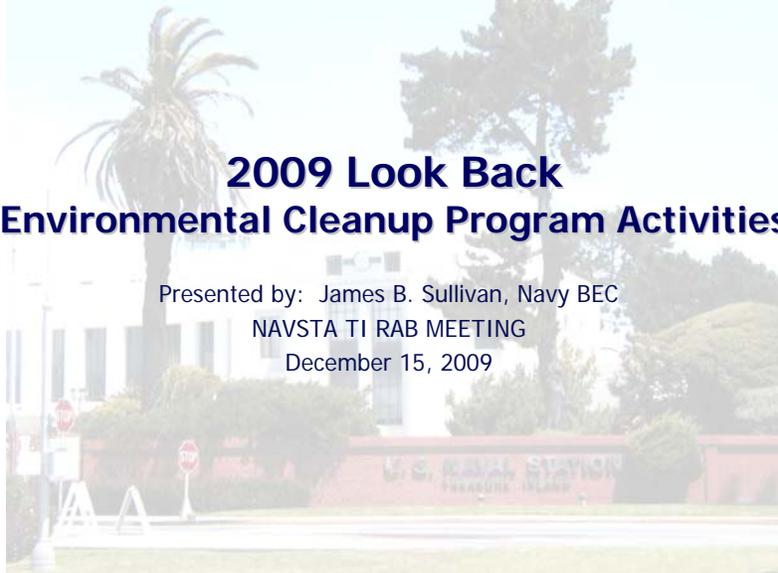
ATTACHMENT D

2009 LOOK BACK



# 2009 Look Back Environmental Cleanup Program Activities

Presented by: James B. Sullivan, Navy BEC  
NAVSTA TI RAB MEETING  
December 15, 2009



## 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 - <i>ROD Signed</i>
	Site 9 - <i>Closed</i>	Site 31 - <i>ROD Signed</i>
	Site 10 - <i>Closed</i>	Site 32
	Site 11 (Caltrans property)	Site 33
	Site 12	



## Look Back – Sites 6 and 32



### Field Activities

- Sites 6 and 12 Semi Annual Groundwater Monitoring: March, December 2009
- T111/Site 32 Toxic Substances Control Act (TSCA) Polychlorinated Biphenyl (PCB) Removal Action: May - December 2009

### Final Documents

- Finalizing 2008 Annual Groundwater Status Report: February 2010
- TSCA PCB Soil Abatement Plan T111/Site 32 Work Plan: May 2009

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## Look Back – Sites 8, 28, 29 and 11



### Field Activities

- On hold until completion of Bay Bridge construction

### Final Documents

- Interim Remedial Investigation (RI) Report for Sites 8 and 29: April 2009
- Final Site 28 RI Report: April 2009
- Finalizing Site 11 RI Report: January 2010





## Look Back – Site 12



### Field Activities

- Non-time critical removal action in the Solid Waste Disposal Areas (SWDAs): Ongoing
- Arsenic in groundwater treatability study: On hold
- Backyard dose rate survey completed in 78 backyards: November 2009

### Final Documents

- Soil Gas Investigation Report: June 2009
- Engineering Evaluation/Cost Analysis (EE/CA) for Halyburton Court cancelled

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## Look Back – Site 21



### Field Activities

- Groundwater Treatability Study: Ongoing

### Final Documents

- Final Site 21 Feasibility Study (FS) Report: March 2009



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## Look Back – Sites 24 and 33



### Field Activities

- Groundwater treatability study at Site 24: Ongoing

### Final Documents

- Finalizing Site 33 RI Report: January 2010

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## Look Back – Sites 30 and 31



### Final Documents

- Site 30 Record of Decision: July 2009
- Site 31 Record of Decision: July 2009



Signing the Sites 30 and 31 RODs



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## Look Back – Community Outreach



- Six RAB Meetings
- Update to the General Environmental Fact Sheet
- Island Times Newsletter, Volume 15: May 2009
- General Environmental Fact Sheet Volume 5: May 2009
- One community meeting for the Site 12 Housing Area Work: October 2009
- Presented at TIDA Board Meeting: November 2009
- New community emailing list: > 100 addresses
- Maintain Navy Website: [www.bracpmo.navy.mil](http://www.bracpmo.navy.mil)



**The Site 12 Open House at the Shipshape**



**Navy presentation at RAB meeting**



## Look Back – Compliance Programs



### **Petroleum Program**

- Site 25 groundwater sampling
- Finalizing Site 25 Closure Report: January 2010

### **PCBs**

- Parcel T111/Site 32 removal action

### **Radiological Program**

- Building 233 Building Demolition Work Plan

### **Lead Based Paint (LBP)**

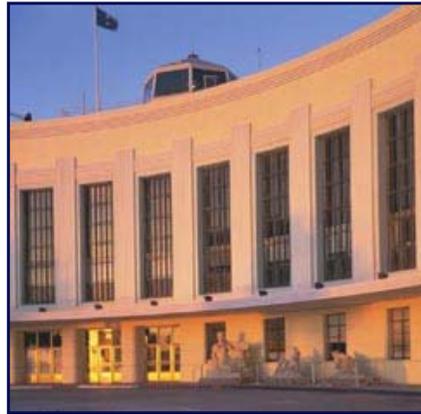
- All pre-1978 housing inspected for LBP

### **Asbestos Containing Material (ACM)**

- All buildings were visually inspected for ACM
- Signs were posted on buildings where friable ACM was identified



## Look Back – Regulatory Interaction



- Technical meetings to discuss Site 27 Feasibility Study, Radiological Program, Site 6 Data Gap Investigation, Site 11 RI Report
- 12 BCT Meetings, including an extended meeting in May
- Basewide Site Management Plan (SMP): September 2009

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## Questions?



**Demolition of Building 463**



**Excavation within the Site 32 area**

**Building of Drying Cell for TPH Excavation**



ATTACHMENT E  
DOCUMENT TRACKING SHEET  
DATED 15 DECEMBER 2009

Naval Station Treasure Island  
Environmental Cleanup Program  
Document Tracking Sheet  
December 2009 - May 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	TDA	RAB	OTHER							Priority Level			
<b>Shaw Group</b>																						
1	<b>Site 31 Remedial Action Work Plan</b>	FZN1	6/10/09*	7/2/09	10/21/09	11/20/09	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	12/17/09	12/22/09	12/27/09	01/01/10	01/11/10	11.17 Water Board
	RPM: Scott Anderson		7/9/09**	7/30/09																		
	PM: Pete Bourgeois																					
2	<b>Site 25 Request for Closure</b>	FZN1	07/01/09	07/09/09	08/30/09	09/30/09		X		X							11/09/09	12/02/09	01/15/10	01/22/10	01/29/10	
	RPM: Scott Anderson																					
	PM: Neil Hey																					
3	<b>Site 32 Removal Action Completion Report for PCBs in Soil Abatement</b>	FZN1	TBD	TBD	TBD	TBD											TBD	TBD	TBD	TBD	TBD	
	RPM: Scott Anderson																					
	PM: Pete Bourgeois																					
<b>Tetra Tech EM Inc.</b>																						
4	<b>Site 33 Remedial Investigation Report</b>	489	09/07/06	10/16/06	10/17/08	01/06/09		✓	✓	✓	✓						06/25/09	07/22/09	01/15/10	01/29/10	02/12/10	Comments originally due 11/17/2008
	RPM: Scott Anderson																					
	PM: Kevin Hoch																					
5	<b>Site 27 Feasibility Study</b>	FZN6	09/24/08	11/07/08	12/29/08	02/27/09		✓	✓	✓	✓						10/27/09	12/30/09	01/13/10	02/03/10	03/04/10	
	RPM: Lora Battaglia																					
	PM: Katie Henry																					
6	<b>Island Times Newsletter #16</b>	FZN6	12/18/09	01/08/10	01/18/10	02/01/10											NA	NA	02/08/10	02/15/10	03/01/10	
	RPM: Charles Perry																					
	PM: Marcie Rash																					

**Naval Station Treasure Island  
Environmental Cleanup Program  
Document Tracking Sheet  
December 2009 - May 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			
<b>Barajas &amp; Associates, Inc.</b>																						
7	Site 11 Remedial Investigation Report	24	01/18/08	✓	10/07/08	✓	11/06/08	✓	02/17/09	✓	✓	✓	X	✓		07/30/09	✓	12/21/09	01/20/10	01/27/10	02/03/10	11.9 recline RTCs sent.
	RPM: Scott Anderson																					
	PM: Margaret Berry																					
<b>Trevet</b>																						
8	2008 Site 6 & 12 Annual Groundwater Sampling Report	9002	06/19/09	✓	07/16/09	✓	08/27/09	✓	09/26/09	✓	✓	✓	✓			12/23/09		01/05/10	01/21/10	02/04/10	02/18/10	10.23.09 EPA comment rec'd.
	RPM: Tony Konzen																					
	PM: Greg Alyanakian																					
9	Site 30 Land Use Control Work Plan	9002	4/20/09* 6/11/09**	✓ ✓	5/1/09 7/11/09	✓ ✓	12/24/09	01/23/10								02/20/10		02/27/10	03/13/10	04/03/10	04/17/10	* Navy technical review ** Navy legal review
	RPM: Scott Anderson																					
	PM: Greg Alyanakian																					
<b>ERRG, Inc.</b>																						
10	Site 6 Data Gaps Investigation Work Plan / Sampling and Analysis Plan	2608	07/08/09	✓	08/10/09	✓	08/31/09	✓	09/30/09	✓	✓	✓	✓			11/25/09	✓	01/11/10	01/25/10	02/08/10	02/18/10	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
	RPM: Tony Konzen																					
	PM: Doug Bielskis																					
<b>Sullivan Consulting Group</b>																						
11	Site 28 Proposed Plan		8/7/09* 10/2/09**	✓ ✓	9/16/2009 11/4/09	✓ ✓	11/24/09	✓	12/24/09							01/23/10		02/06/10	02/22/10	03/04/10	03/18/10	* Navy technical review ** Navy legal review
	RPM: Tony Konzen																					
	PM: Mehrdad Javaherian																					
<b>Chadux Tetra Tech</b>																						
12	Site 12 HHRA Tech Memo	49	01/23/10		02/22/10		03/09/10		04/08/10							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.
	RPM: Tony Konzen																					
	PM: John Bosche																					

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  
PM = Project Manager

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

ATTACHMENT F  
FIELD SCHEDULE  
DATED 15 DECEMBER 2009

**Naval Station Treasure Island  
Navy Field Schedule  
December 2009 - May 2010**

Item	Activity & Investigation Area	DTR #	Field Dates	Navy RPM	CTO/DO	PM	FTL	Complete
<b>Shaw</b>								
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: 12/30/09	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: 01/11/10 Finish: TBD	Scott Anderson (619) 532-0911	FZN1	Pete Bourgeois (415) 277-6983	Pete Bourgeois (415) 277-6983	
7	Dose Rate Survey <i>Site 12</i>	Doc N/A	Start: 11/16/09 Finish: 11/24/09	James Whitcomb (619) 532-0936	FZN1	Pete Bourgeois (415) 277-6983	Pete Bourgeois (415) 277-6983	
<b>Trevet</b>								
8	Site 12 & 6 Groundwater Sampling <i>Site 12 &amp; 6</i>	Doc N/A	Start: 12/01/09 Finish: 12/04/09	Tony Konzen (619) 532-0924	CLIN	Greg Alyanakian (858) 869-3110	Greg Alyanakian (858) 869-3110	
<b>EMS</b>								
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	
<b>ERRG</b>								
9	Site 6 Data Gaps Investigation <i>Site 6</i>	Doc 12	Start: 02/18/10 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.



TRANSMITTAL/DELIVERABLE RECEIPT

Contract No. N62467-04-D-0055

Document Control No.

TTEM-0055-FZN6-0236

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

DATE: 03/26/10
CTO: FZN6
LOCATION: NAVSTA Treasure Island, San Francisco, Califor

FROM:

Handwritten signature of Joanna Canepa

Joanna Canepa, Contract Manager

DOCUMENT TITLE AND DATE:

Restoration Advisory Board (RAB) Meeting Minutes, Meeting #145

December 2009

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

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

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

SCHEDULED DELIVERY DATE: 02/01/10 ACTUAL DELIVERY DATE: 02/01/10

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

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Tommie Jean Valmassy 1C/1D

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Date/Time Received