



FINAL

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

Meeting # 144

20 OCTOBER 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]),

Other Navy and Regulatory Staff and Consultant Representatives in attendance:

Pete Bourgeois (Shaw Environment and Infrastructure [Shaw]), Campbell Merrifield (Tetra Tech EM Inc. [Tetra Tech]), Charles Perry (Navy), Tommie Jean Valmassy (Tetra Tech), Tajma Vaughns Rachel (Sullivan)

Public Guests

Tom Bruce

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 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 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 that Charles Perry, the Lead Remedial Project Manager, is transitioning out of the NAVSTA TI project. Mr. Perry stated he will be the Environmental Business Line Team Leader for the Alameda, Crows Landing, Point Molate, Long Beach, and Concord teams. It is a supervisory position, so he will work more in the background. He stated he enjoyed working with everyone on NAVSTA TI and thanked the community members for their involvement. Mr. Sullivan stated the Navy is still working on filling the vacancy left by Mr.

TTEM-0055-FZN6-0214

Perry, and they will announce when there is a replacement. He added that the cleanup program at NAVSTA TI has continued to move forward due in large part to Mr. Perry's efforts.

Field Activities Update, Sites 21, 24, and 32

Mr. Sullivan introduced Pete Bourgeois (Shaw) to provide an update on field activities at Sites 21, 24, and 32. (Attachment B).

Mr. Bourgeois stated that, in addition to work at Site 12, the TI Housing Area, there is current field work being conducted at three other sites: Sites 21, 24, and 32. Site 21 is near the Treasure Island Sailing Center. Site 24 is in the middle of TI, off of Avenue N, near Buildings 260 and 99. Site 32 is up in the [northeast] corner of TI, behind the wastewater treatment plant.

The work being conducted at Sites 21 and 24 is groundwater bioremediation, to treat trichloroethylene (TCE) and tetrachloroethene (PCE) contamination. At Site 21 Shaw has completed the third round of well sampling. Mr. Bourgeois stated that the results from the first and second rounds have been received and are included in the back of the handout.

At Site 24 Shaw completed the first round of groundwater sampling in the source area, which is near Building 99. That was a dry-cleaning facility, and is believed to be the source of the contamination. The downgradient plume still has the recirculation system running. To date, Shaw has treated 8 million gallons of water. Shaw will shut down the system by the end of the week, and will do the first round of groundwater sampling for the downgradient areas of Site 24 in early December. Mr. Bourgeois added that everything looks good; the results for Site 21 are good, and so far what they have seen at Site 24 also looks good.

The work at Site 32 is a removal for low level polychlorinated biphenyls (PCB) and dioxin contamination in soil. Shaw has excavated the entire area, and Mr. Bourgeois noted there is a figure of the excavation area in the back of the handout. Shaw excavated areas down to either 2, 4, or 5 feet. He noted that if any contamination was found in confirmation samples, Shaw overexcavated [excavated wider and deeper] and took more samples. On the figure, the area in purple is where the confirmation samples are all clean. The blue area is where Shaw will be digging to a depth of 11 feet to excavate soil contaminated with TPH. Mr. Bourgeois stated they are not certain where the TPH is from, but they are aggressively going after it. He then showed photos of the excavation and laydown pad, which are in the presentation handout. He noted the laydown pad is 20 millimeter thick black plastic, with hay bales put around it. Shaw can lay out the soil on the pad, sample it to determine if it is Class I or Class II, and then send it to the appropriate landfill, without contaminating the soil underneath.

Mr. Bourgeois further reviewed the plans for the area in blue, where Shaw is excavating to a depth of 11 feet on 30-foot by 30-foot grids. Shaw is also pumping in a milk-like substance called ORC-A, which is an oxygen-reduction compound. The ORC-A is sprayed onto the gravel, soil, and water as they backfill, and it will hopefully reduce the TPH contamination to below Treasure Island groundwater screening criteria. Shaw expects to be finished with that work by the end of the next week after this RAB meeting.

Mr. Perry noted that the goal for Site 32 is to be able to eliminate all risk with this project, and conclude with a no further action determination for the site in the Record of Decision (ROD).

Site 12 (TI Housing Area) Path Forward for Buildings 1311/1313, and Removal Action and Access Update

Mr. Bourgeois moved on to the update on the Site 12 path forward for Buildings 1311/1313 in the Housing Area (Attachment C). He stated there is an arsenic pilot study outside of the other excavations going on at Site 12. The pilot study is near Buildings 1311/1313 on Westside Drive. A few months ago, while doing the arsenic study, Shaw found a well with some TPH-contaminated product in it. Because of that, they could not address the arsenic.

Now that they have found the TPH, the path forward is to try to better understand what is going on at the site, and how they can aggressively go after the arsenic. Shaw will sample wells placed along Perimeter Road quarterly. The samples will be analyzed for metals and total suspended solids. Mr. Bourgeois noted Shaw and the Navy are not sure if there was an underground storage tank, which would account for the TPH, so they are reviewing historic documents to see if they can find any such records. If they are unable to find enough information through a records search, they will do a geophysical survey, possibly in November. That survey will indicate whether there are any metal objects underground, such as tanks. During this time, they will also determine the lateral and vertical extent of the TPH contamination.

Mr. Bourgeois stated that, depending on what is found, there may be some work plans that need to be prepared and reviewed by the regulatory agencies. He noted the RAB will get an opportunity to comment on those work plans.

There were no questions, so Mr. Bourgeois moved on to the update on the removal action at the three Solid Waste Disposal Areas (SWDAs) along Northpoint Drive, Bayside Drive, and Westside Drive in Site 12 (Attachment D). He noted the project started off with the chemicals of concern being lead, dioxins, and very low-level PCBs. When Shaw started excavation work at Bayside and Northpoint, they found some very low-level radium-containing items, like buttons and deck markers. So they added a radiological component to

their work plan. He noted the radium-containing items Shaw is finding at Westside Drive, small foils, have higher levels of radium than the ones found at Northpoint and Bayside. He showed the status of the excavation on the figure in the handout.

Mr. Bourgeois stated Shaw is about 85 percent done with the SWDA excavations, and things are going well. Since the project began, they have removed about 590 bins of low-level rad soil, which is about 13,000 tons. As far as ongoing work, the main waterline for all of NAVSTA TI runs through the excavation. Since it was difficult to protect that water line, Shaw cut and capped the ends of the line that ran through Westside Drive. Mr. Bourgeois noted that Shaw worked closely with the proper authorities [SFPUC, San Francisco Public Utilities Commission].

Mr. Bourgeois added that the Navy and Shaw are working closely with the Navy's Radiological Affairs Support Office (RASO) to address a "hot spot" where there is a radiological detection in front of Building 1321. He showed photos of the ongoing work. Mr. Bourgeois stated Shaw uses a small excavator with a small bucket, and scans each bucket load of material to determine if there are any radiological commodities. If there are not, the soil is loaded into a bin. If there are commodities, they are removed, and the soil is rechecked to make sure no commodities are being sent off with the soil. Mr. Bourgeois stated an issue for the excavations is the tidal influence; groundwater is encountered at around 3 feet, so they have to deal with that.

Mr. Bourgeois showed a photo of the waterline that Shaw capped. Mr. Sullivan asked Mr. Bourgeois to provide more information about that waterline. Mr. Bourgeois stated the line that Shaw cut and capped was done under the watch of a gatekeeper [from SFPUC]. Most residents were unaffected, except those in Building 1325. He noted that Shaw put in a 600-pound block of concrete to protect the pipe from moving.

The path forward is to complete the current excavation footprint, then review the data gaps to figure out what the Navy needs to do to move forward. A final field activity report and then a complete radiological final status survey will be required to close out the sites.

Tom Bruce (community member) asked if the contamination would be spreading throughout the entire site in the water, since Shaw is getting groundwater in their excavations. Mr. Bourgeois stated radium is not something that gets into water easily; it usually sticks to heavier material, like soil. He added that there is no potable water on NAVSTA TI, and all drinking water comes from the City of San Francisco. Mr. Bruce asked if the PCBs were dissolving into the water and spreading around to contaminate the water or other soil. Mr. Bourgeois stated

that water samples are taken at the site, and quarterly groundwater monitoring is done at NAVSTA TI and they have not seen contamination spread that way.

Site 28 Proposed Plan Preview

Mr. Perry presented the Site 28 Proposed Plan (PP) Preview (Attachment E). Site 28 is the west side on and off-ramps for the Bay Bridge, located on Yerba Buena Island (YBI). Mr. Perry reviewed the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) process, noting that the PP follows the Feasibility Study (FS) and precedes the Record of Decision (ROD). He added that the PP is a key component for community involvement, and the document involves a 30-day public comment period as well as an associated public meeting where verbal and written comments can be provided.

Mr. Perry noted the on- and off-ramps were built when TI was built, and the Navy has owned them since 1943. Site 28 includes small bridge structures that provide support to the on- and off-ramps. Over the years, maintenance has included scraping off lead-based paint and repainting them. That lead-based paint fell from the structures to the soil below, resulting in lead contamination at this site. He noted the terrain is very steep, and there is no potential risk to residents on the site because it would not be able to be used to build a residence.

Mr. Perry reviewed the investigations that led up to the current work, noting in the Remedial Investigation report there was data supporting this no-further-action PP. Chemicals are limited to lead in soils related to maintenance. In addition, there will be a land-use restriction imposed by the Tidelands Trust. So there is absence of unacceptable risk based on current and potential future use of the site. It was also determined there is minimal risk to ecological receptors at the site.

Mr. Sullivan stated the Tidelands Trust represents property that was formerly submerged and has been filled; there are limitations to how that land can be used. That encumbers the man-made portion of TI. However, the City wants to develop portions of TI, so they will switch the Tidelands Trust to some of the land on YBI [including Site 28]. Mr. Perry noted the Tidelands Trust generally prohibits residential and industrial uses, further ensuring that Site 28 will not be used for residential purposes in the future.

Mr. Perry reviewed the schedule for the Site 28 PP: the draft will be issued to the RAB and regulatory agencies in November. After that review, it will be issued to the public for a 30-day review, during which time the Navy will host a public meeting. Mr. Perry noted his contact information is on the presentation, and

people are always welcome to contact him, though since he is moving onto other projects, it would be best to contact Mr. Sullivan.

TI Open House Preview

Mr. Sullivan gave the RAB a preview of the Navy's Open House, planned for October 24, 2009 (Attachment F). Mr. Sullivan invited everyone to attend the event, noting it will be at the Ship Shape Community Center from 10:00 a.m. to 2:00 p.m. He noted the Navy selected that venue to be closer to the residential area on NAVSTA TI, and because residents are familiar with the venue it may increase attendance.

Mr. Sullivan stated the purpose of the Open House is to provide an update on the Navy's environmental activities in the TI Housing Area. The Navy was going to wait until all of the SWDA work was done, but wanted to give a timely update. It may also be easier for people to attend if it is before the holidays.

Mr. Sullivan reviewed the presentation, which is a copy of all of the posters that will be presented at the event. He noted some posters are general, like an aerial overview of NAVSTA TI, and an overview of the CERCLA process for those who are not familiar. Then there are more detailed posters related to the current work and the risk assessment process.

Mr. Sullivan encouraged people to attend, and noted children are welcome.

Upcoming Documents and Field Schedule

Documents

Mr. Sullivan introduced Campbell Merrifield (Tetra Tech) to review the Document Tracking Sheet (Attachment G) and the Field Schedule Sheet (Attachment H). Ms. Merrifield noted that items in yellow are documents that will be issued within the next 60 days. Items in blue are documents with comments due in the next 60 days; see the attachment for the specific list. She noted there were many documents in yellow and blue, and encouraged everyone to contact the Navy if they have questions or concerns.

Field Schedule

Ms. Merrifield stated the work at Site 32, discussed tonight, would be completed by Shaw sometime in November. She also noted a field sampling event for groundwater at Sites 6 and 12 was scheduled for early December, and a data gaps investigation for Site 6 is also scheduled for December.

August 2009 RAB Meeting Minutes

Mr. Sullivan asked if there were any comments on the August 2009 meeting minutes. Nathan Brennan (RAB member) stated that, when talking about a wastewater treatment plant, "wastewater" is used as one word, though spell-check will often try to change that. Mr. Sullivan stated that would be corrected and the minutes will be standardized to use "wastewater" as one word. The RAB approved the August minutes, pending any comments from Dale Smith, who was not present at this meeting.

Co-Chair Announcements

Alice Pilram (RAB Community Co-Chair) stated there were a series of five or six community meetings to talk to the residents of YBI and find out their needs in relation to moving onto TI when the time comes. She noted the timeline for the YBI residents needing to move is vague, though the Treasure Island Development Authority (TIDA) expects to begin work within a year. Ms. Pilram stated the meetings were informative, though it is difficult to know how much information TIDA is holding back, and there is misinformation out there.

Ms. Pilram also announced that the next RAB meeting is when the RAB holds their annual holiday potluck the hour before the meeting. Mr. Sullivan stated there seems to be continued interest, so he will put the potluck on the agenda.

Ms. Pilram stated that the TI Music Festival, held the week before, was well attended, with a lot of people and a lot of loud music.

BRAC Cleanup Team Update

Mr. Sullivan gave a brief update on the two BCT meetings held since the last RAB meeting, in September and October 2009. Mr. Sullivan stated the BCT discussed all of the projects that had been presented that evening, in addition to planning for the RAB meeting and discussing administrative items. He stated that during the October BCT meeting, the team discussed the anomaly that is in the Northpoint Drive area, as mentioned earlier by Mr. Bourgeois. He said the Navy had also discussed some additional backyard scanning surveys. That is in the planning stage, but the Navy and their contractors will conduct those surveys in the next 30 days. The next BCT meeting will be Wednesday, 4 November.

Other Public Comments and Announcements

Mr. Brennan stated the Citizens Advisory Board (CAB) met on 1 September, and discussed their usual business, including infrastructure and sustainability updates. The CAB also discussed the meetings being held with residents, and mentioned by Ms. Pilram. The purpose is to interview current residents to find out how redevelopment will affect them. The October meeting was cancelled. Mr. Brennan noted economic transfer of NAVSTA TI had been tagged on to a congressional bill, but it did not go through, and transfer is still being negotiated.

Future Meeting Agenda Items

Mr. Sullivan stated the Navy would present the annual “Look Back” presentation for 2009 at the December meeting. Then the “Look Ahead” for 2010 will be given at the first meeting in 2010, in February. The RAB agreed separating the presentation was acceptable. No additional topics were suggested.

Mr. Sullivan noted the next meeting is scheduled for Tuesday, 15 December 2009, at the Casa de la Vista, with a holiday potluck at 6:00 p.m. He added people should check the CAB website for their next meeting date. The RAB community conference call is scheduled for Tuesday, 24 November, and the BCT will meet on 4 November.

October 2009 RAB Meeting Handouts [attached when minutes are finalized]

- Attachment A: NAVSTA TI RAB Meeting No. 144 Agenda, 20 October 2009
- Attachment B: Field Activities, Sites 21, 24, and 32
- Attachment C: Path Forward Bldg 1311/1313 Area of Site 12
- Attachment D: Site 12 (TI Housing) Field Efforts SWDAs
- Attachment E: Site 28 PP Preview
- Attachment F: Open House Preview
- Attachment G: Document Tracking Sheet, 20 October 2009
- Attachment H: Field Schedule, 20 October 2009

NAVAL STATION TREASURE ISLAND
ENVIRONMENTAL RESTORATION ADVISORY BOARD MEETING
Tuesday, 20 October 2009
7:00 PM.
Casa de la Vista (Building 271)
Treasure Island

MEETING NO. 144

- 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**
(Sites 21 and 24, 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 - 7:50 **Site 28 Draft Proposed Plan Preview**
Lead: Charles Perry, Navy Lead Remedial Project Manger
- 7:50 - 8:05 **October 24th Navy Cleanup Program Open House Preview**
Lead: James Sullivan, Navy Co-Chair
(Saturday from 10:00 am to 2:00 pm at the Ship Shape Center)
- 8:05 - 8:10 **Upcoming Documents and Field Schedule**
Lead: Kevin Hoch, Tetra Tech EMI
- 8:10 - 8:15 **RAB Meeting Minutes**
Lead: James Sullivan, Navy Co-Chair
- 8:15 - 8:20 **Co-Chair Announcements**
Lead: Alice Pilram, Community Co-Chair
- 8:20 - 8:25 **BRAC Cleanup Team Update**
Lead: James Sullivan, Navy Co-Chair
- 8:25 - 8:30 **Other Public Comment and Announcements**
Lead: James Sullivan, Navy Co-Chair

8:30– 8:35 **Future Meeting Agenda Items**
Lead: Navy and Community Co-Chairs

8:35 – 8:40 **Closing Remarks/End of Meeting**
Break/Informal Discussion for 30 minutes after the meeting
This is an opportunity to informally discuss issues

Navy Cleanup Program Open House, Saturday, October 24, 2009 from 10:00 am to 2:00 pm at the Ship Shape Community Center, 850 Avenue “I”, Building 497, Treasure Island

Next Regular Meetings: No November 2009 Meeting

 7 :00 pm Tuesday, 15 December 2009
 Casa de la Vista, Treasure Island

 No January 2010 Meeting

 7 :00 pm Tuesday, 16 February 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 Tues of pre-RAB month)**

Tuesday, 24 November 2009, 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** 4 November 2009, 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



Naval Station Treasure Island

**Field Activities
Site's 21, 24, and 32**

October 20, 2009 RAB Meeting



Site 21 & 24

- **Site 21 Third round of well sampling occurred September 22nd and 23rd, 2009. Results will be presented to the BCT after Navy review.**
- **The First Round of Groundwater Sampling for the Site 24 Source Area occurred in late September 2009.**
- **The second round of sampling will occur in January 2010**
- **Site 24 all three down-gradient treatment loops are active. The system will be shut down at the end of this week.**
- **The first sampling event for the down gradient areas of Site 24 will happen in the beginning of December.**

Site 32/Parcel T-111



Excavation in the TPH contaminated area, excavation depth is currently 5-feet bgs.

Site 32/Parcel T-111



Backfill of areas with clean sample results

Site 32



Building of Drying Cell for 9-foot Excavation

Site 32



Addition of Clean Soil to Protect Bottom of Cell. Completed Drying Cell



Naval Station Treasure Island

Path Forward

Bldg 1311/1313 Area of Site 12

October 20, 2009 RAB Meeting



Next Steps

1) Groundwater Sampling

- Continue to develop a better understanding of dissolved Arsenic concentrations in groundwater along the shoreline
- Sample wells 12-MW34, 12-MW35, 12-MW36, & 12-MW37
- Analyze for dissolved metals and total suspended solids
- Quarterly basis for one year (11/09, 02/10, 5/10, & 8/10)

2) Historical Research

- Determine the location of the petroleum UST, construction specs, & status (ie, removed ?)
- Review historical photos, maps, and documents
- Late Sep 09 to Late Oct 09

Next Steps (continued)



3) Subsurface Geophysical Survey

- Procure a geophysical subcontractor
- Layout a survey area grid
- Complete the survey & analyze the results
- Mid Oct 09 to Late Nov 09

4) Define Lateral & Vertical Extent of Free Product

- Procure a drilling subcontractor, permitting, etc.
- Install temporary wells on 20 ft centers outwards from well 12-MW38
- Gauge the temporary wells for product – 2 weeks
- Mid Oct 09 to Mid/Late Dec 09

Next Steps (continued)



5) Evaluate Free Product Recovery

- Procure a vacuum truck subcontractor or vacuum trailer
- Perform periodic extraction events for 5 weeks
- Gauge wells for product rebound
- Evaluate the results
- Mid/Late Dec 09 to Late Feb 10

6) Develop a UST and Source Removal Action, as necessary

- Mar 10

7) Implement the Source Removal Action

- tbd



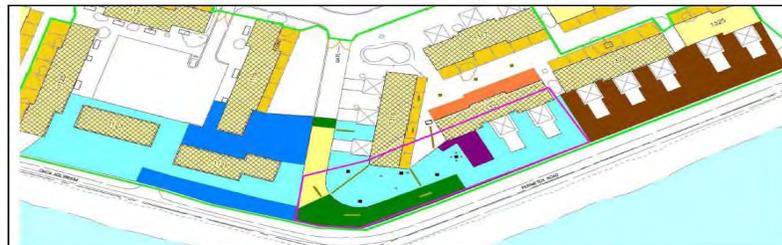
Field Efforts Solid Waste Disposal Areas

October 20, 2009
NAVSTA Treasure Island
RAB Meeting

Status at SWDA A&B



STATUS OF SWDA A&B EXCAVATION, OCTOBER 1, 2009



LEGEND			
	0 feet bgs surface		Backfill complete
	1 foot bgs surface		Pothole
	2 foot bgs surface		Auger Boring, 3 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 590 Bins have been shipped off Site for disposal, this equals roughly 13,200 tons of soil.
- 38 Bins have been shipped since the restart of work.
- Excavation efforts are concentrated on the Westside Drive roadway.

On-Going Work at SWDA A&B



- Cutting and capping the main waterline running through SWDA A&B. This 12-inch line will be removed from the excavation area.
- 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.

Work at SWDA A&B



Work at SWDA A&B



Work At SWDA A&B



Work At SWDA A&B



Cutting / Capping of the Main Waterline Running Through the Westside Drive and Lester Court Excavation

Work At SWDA A&B



Concrete Kicker and Backfilling the Area

Path Forward At SWDA A&B



- Complete Current Excavation
- Examine for Data Gaps
- Complete Final Field Activity Report
- Complete Radiological Final Status Survey

SWDA Restoration



Project Duration: Updated Current Forecast:
Excavation Work at SWDA A&B Started on September 25, 2007
with an Estimated Completion Date of Late 2009

Next Navy RAB Meeting:
The Casa De la Vista
Tuesday, December 15th at 7:00 PM
James.b.sullivan2@navy.mil

Navy Web Site:
www.bracpmo.navy.mil



Site 28 Proposed Plan Preview

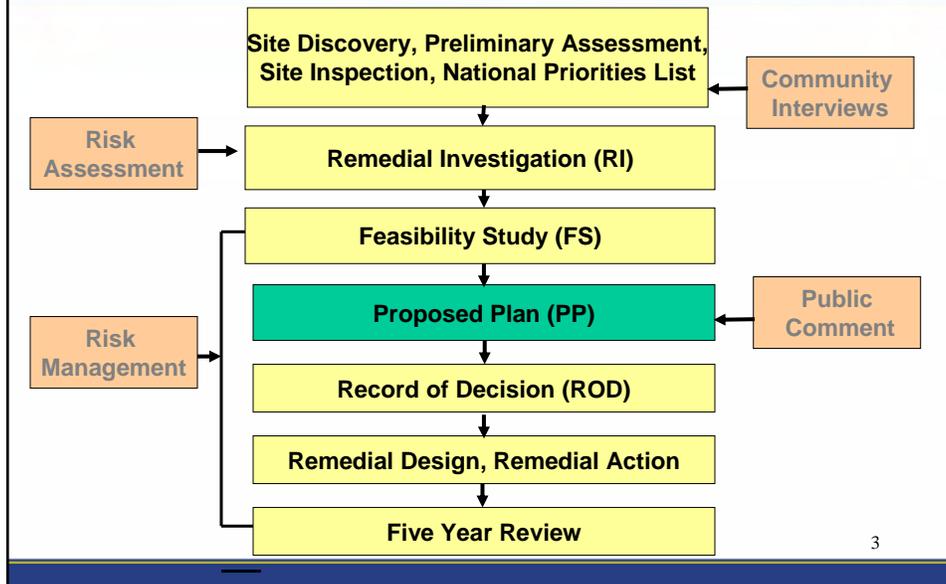
October 20, 2009
NAVSTA Treasure Island
RAB Meeting

Update Overview



- Proposed Plan (PP) Process
- Site Description and Location
 - Site 28- West Side On-Off Ramps
- Site 28 Background Summary
- Proposed No-Further Action
- PP Schedule

CERCLA Process



Proposed Plan Process



Proposed Plan (PP): 1st step of the remedy selection process

- The Navy identifies the remedial action alternative that best meets the requirements of the nine CERCLA evaluation criteria
- The Navy presents the preferred remedial action alternative to the public in a PP
- The PP briefly describes the remedial alternatives analyzed, proposes the preferred remedial action alternative, and summarizes the information relied upon to select the preferred remedial action alternative

Proposed Plan Process



Steps for PP public involvement:

- Publish a notice of availability in a major local newspaper of general circulation
- Proposed Plan is available for review in the Information Repositories
- Public Comment Period: 30 calendar days to submit written and oral comments
- Public Meeting: Held during the Public Comment Period
- A transcript of the Public Meeting is made available
- Provide a Responsiveness Summary to comments received (provided in the Record of Decision)

5

Site 28 Background Summary



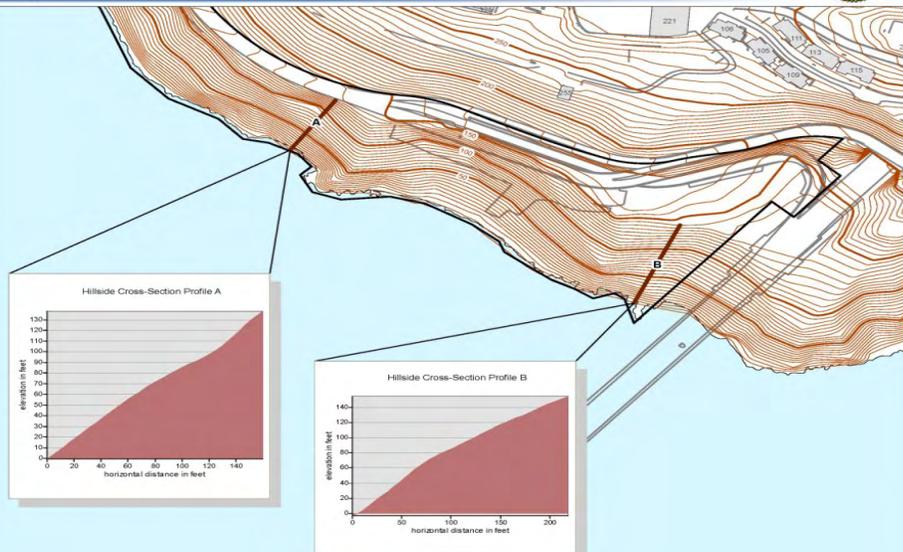
- West Side On-Off Ramps
 - Constructed during the building of Treasure Island, and owned by the Navy since 1943
- Site characterized by roads (ramps) and steeply sloped land with dense vegetation
- Site activities limited to maintenance of on-off ramps

6

Site 28, On-Off Ramps



Site 28, On-Off Ramps



Site 28 Background Summary



- CERCLA Activities
 - 1993 - Health and safety soil sampling
 - 1995 - Phase IIB remedial investigation
 - 1997- Screening Level Ecological Risk Assessment
 - 2001 - Final validation study for Installation Restoration Sites 8, 11, 28, and 29
 - 2009 - Final Remedial Investigation Report

9

Site 28 Background, Cont.



- Remedial Investigation Findings
 - Site-related chemicals limited to lead in soils associated with maintenance activities
 - No site-related carcinogenic compounds present
 - No groundwater impacts encountered
 - Human health risk assessment concluded:
 - exposure pathways minimized due to land which slopes steeply toward the Bay and due to land use restrictions imposed by the Tidelands Trust
 - absence of unacceptable risks based on current and potential future exposure pathways
 - Ecological risk assessment concluded minimal risk to peregrine falcon and other ecological receptors

10

Site 28 Background, Cont.



- Tidelands Trust
 - Overseen by The California State Lands Commission
 - Upon transfer to the City of San Francisco, Site 28 will be subject to provisions of the Tidelands Trust
 - Land uses are limited to Trust purposes
 - Residential, industrial, and non-maritime uses are generally prohibited
 - Sale of Trust lands to private entities is generally prohibited
 - Revenues generated from Trust uses must be expended for Trust purposes

11

Reasons for No Further Action



- Human health risk assessment indicated the absence of unacceptable risks to current and potential future site occupants at Site 28
- Ecological risk assessment and validation study indicated minimal risk to peregrine falcons and other ecological receptors
- Tidelands Trust imposes land use restrictions on residential use of property

12

Estimated PP Schedule



- Draft PP to be issued: Winter 2009 (BCT and RAB)
- PP to be issued: Spring 2010
- Public Comment: Spring 2010
- Public Meeting: Summer 2010

13

Discussion/Questions



- **Additional Discussion and Questions**
- **Navy Contact**
 - Charles Perry, BRAC Lead RPM
619-532-0911
 - James Sullivan, BRAC Environmental
Coordinator 619-532-0966
- **Contractor Contact**
 - Stewart Bornhoft, Sullivan International Group
619-855-6167

14

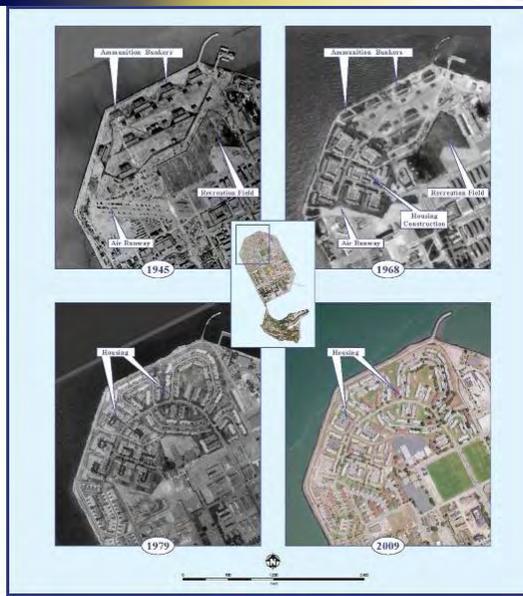


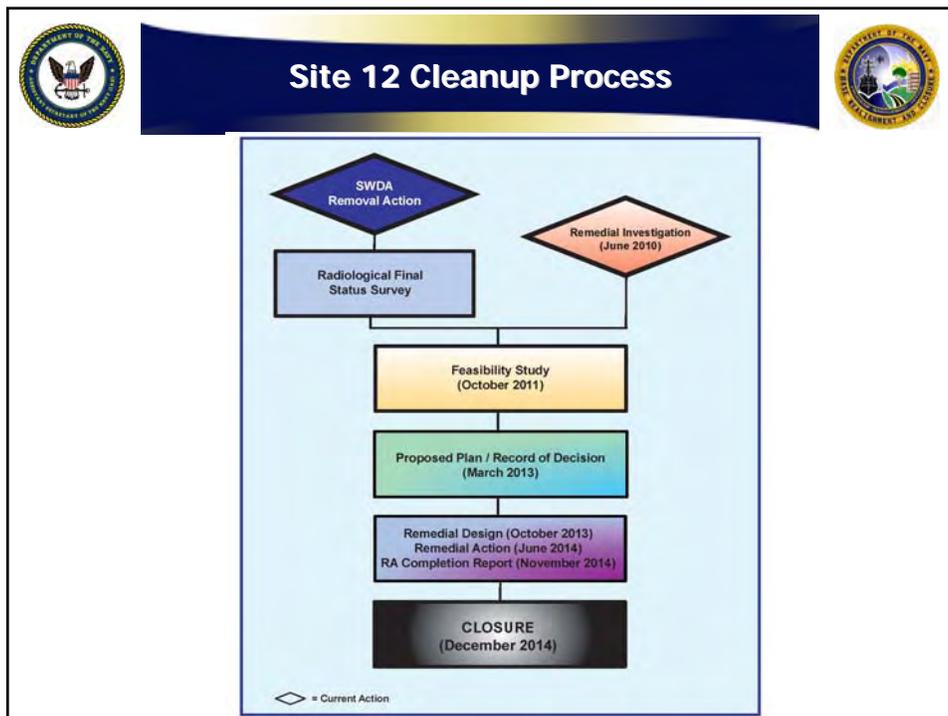
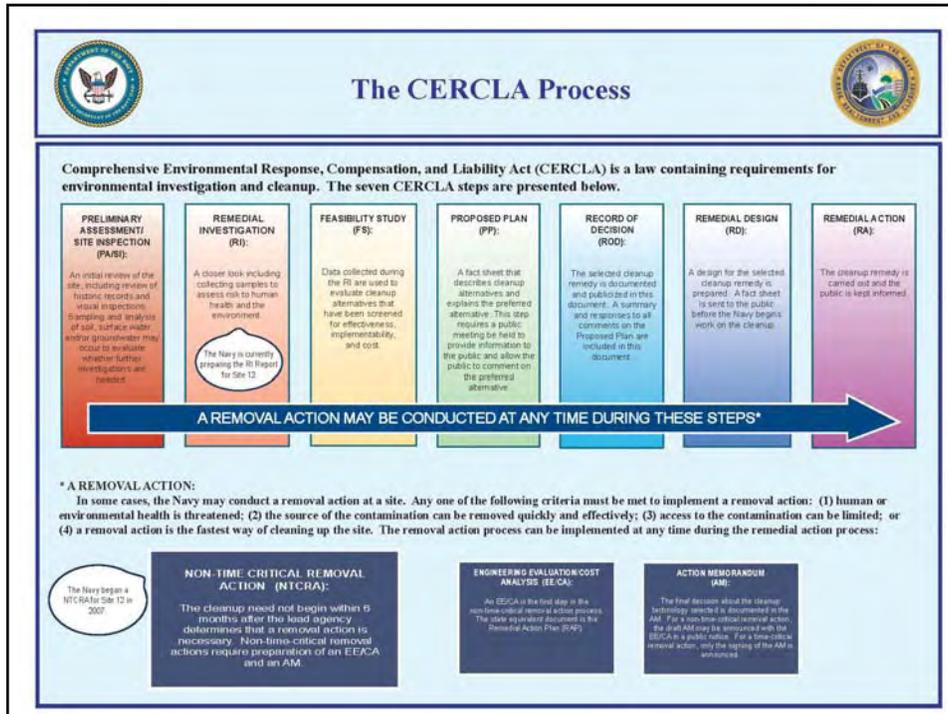
Treasure Island Open House Preview October 24, 2009

Presented to the TI RAB
October 20, 2009



Aerial Photos Over Time of the TI Housing Area



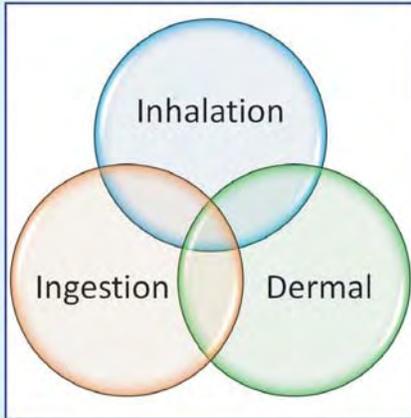




SITE 12 RISK MANAGEMENT Human Health Risk Assessment



Routes of Exposure

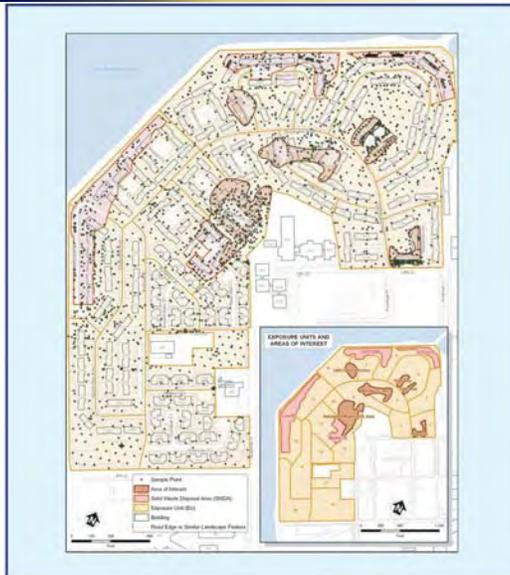


Ongoing Prevention of Exposure to Soil

Fencing and Signage	'No Gardening' Restrictions
Soil Removal or Treatment	On-site Security at Work Areas
Air Monitoring During Excavation	Ground Cover



Site 12 Sample Locations





**Non Time Critical Removal Action
SWDA 1231/1233 Excavation Areas
NORTHPOINT DRIVE**

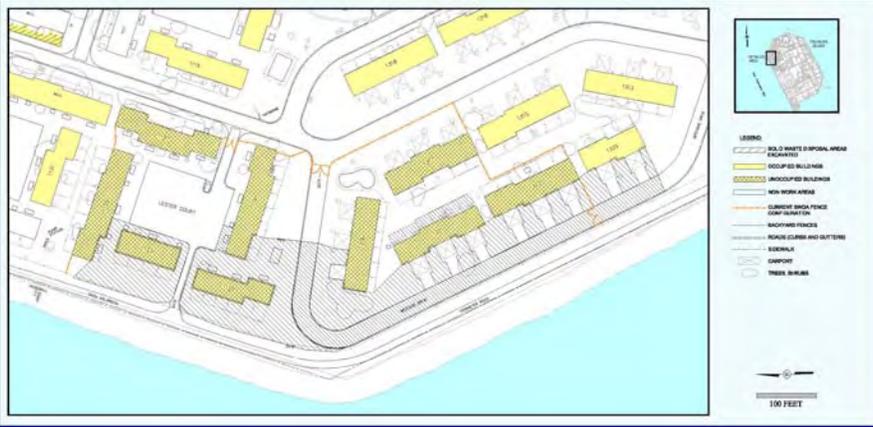


**Non Time Critical Removal Action
SWDA 1207/1209 Excavation Areas
BAYSIDE DRIVE**





**Non Time Critical Removal Action
SWDA A & B Excavation Areas
WESTSIDE DRIVE/LESTER COURT**



**Non Time Critical Removal Action
Radium Containing Items found in
Excavation Footprint**

BRAC
PMO WEST



EXAMPLES OF ITEMS FOUND WITHIN THE EXCAVATION OF SWDA A&B



ITEMS FOUND AT SWDA 1207/1209 & 1231/1233



EXAMPLE OF ITEMS FOUND AT SWDA A&B



ITEMS FOUND AT SWDA 1207/1209 & 1231/1233



Stop By the Open House



Open House is Saturday, October 24, 2009
Drop-in anytime 10:00 a.m. to 2:00 p.m.
Ship Shape Building, 850 Avenue "I"

Children are welcome!

For more information, contact:
James B. Sullivan, Navy BEC
(619) 532-0966
James.b.sullivan2@navy.mil

**Naval Station Treasure Island
Environmental Cleanup Program
Document Tracking Sheet
October 2009 - April 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					Priority Level	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
SulTech																			
1	Site 33 Remedial Investigation Report	103	09/07/06 ✓	10/16/06 ✓	10/17/08 ✓	01/06/09 ✓	✓	✓	✓	✓	✓	✓	06/25/09 ✓	07/22/09 ✓	11/16/09	11/30/09	12/14/09	Comments originally due 11/17/2008	
	RPM: Scott Anderson																		
	PM: Kevin Hoch																		
Shaw Group																			
2	Site 31 Remedial Action Work Plan	FZN1	6/10/09* ✓ 7/9/09** ✓	7/2/09 ✓ 7/30/09 ✓	10/21/09	11/20/09							TBD	TBD	11/30/09	12/10/09	12/17/09	* Navy technical review ** Navy legal review	
	RPM: Scott Anderson																		
	PM: Pete Bourgeois																		
3	Site 25 Request for Closure	FZN1	07/01/09 ✓	07/09/09 ✓	08/30/09 ✓	09/30/09	X	✓	X	✓			TBD	TBD	10/14/09	10/28/09	11/11/09		
	RPM: Scott Anderson																		
	PM: Neil Hey																		
4	Site 32 Removal Action Completion Report for PCBs in Soil Abatement	FZN1	11/16/09	12/21/09	12/25/09	03/11/10							TBD	TBD	04/12/10	04/26/10	05/10/10		
	RPM: Scott Anderson																		
	PM: Pete Bourgeois																		
Tetra Tech EM Inc.																			
5	Site 12 Radiological Risk Assessment	FZN6	09/24/08 ✓	10/07/08 ✓	10/07/08 ✓	10/31/08	X	X	X	✓			NA	NA	01/23/09 ✓	01/30/09 ✓	11/16/09	Draft information sheet will be submitted with the Final Radiological Risk Assessment.	
	RPM: James Whitcomb																		
	PM: Marcie Rash																		
6	Site 12 Radiological Information Sheet	FZN6	06/24/09 ✓	11/02/09	11/16/09	12/16/09							NA	NA	01/13/10	01/23/10	02/06/10		
	RPM: James Whitcomb																		
	PM: Marcie Rash																		
2009 Site Management Plan	RPM: Charles Perry PM: Marcie Rash	FZN6	03/26/09 ✓	04/09/09 ✓	04/16/09 ✓	05/17/09	✓	✓	✓	✓			06/25/09 ✓	07/01/09 ✓	07/27/09 ✓	09/16/09 ✓	09/28/09 ✓		
7	Site 27 Feasibility Study	FZN6	09/24/08 ✓	11/07/08 ✓	12/29/08 ✓	02/27/09	✓	✓	✓	✓	✓		10/23/09	10/30/09	12/03/09	12/24/09	01/21/10	2.3.2009 DTSC; 5.29.2009 HERD; also BCDC and DFG	
	RPM: Lora Battaglia																		
	PM: Katie Henry																		
8	Island Times Newsletter #16	FZN6	10/28/09	11/11/09	11/23/09	12/07/09							NA	NA	12/14/09	12/21/09	01/04/10		
	RPM: Charles Perry																		
	PM: Marcie Rash																		

**Naval Station Treasure Island
Environmental Cleanup Program
Document Tracking Sheet
October 2009 - April 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			
Barajas & Associates, Inc.																						
9	Site 11 Remedial Investigation Report	24	01/18/08	✓	10/07/08	✓	11/06/08	✓	02/17/09	✓	✓	✓	X	✓		07/30/09	✓	10/21/09	11/20/09	11/27/09	12/04/09	8.5 DTSC requested extension of time to comment on RTCs.
	RPM: Scott Anderson																					
	PM: Margaret Berry																					
Trevet																						
10	2008 Site 6 & 12 Annual Groundwater Sampling Report	9002	06/19/09	✓	07/16/09	✓	08/27/09	✓	09/26/09	✓	✓	✓				10/30/09	ho	#VALUE!	#VALUE!	#VALUE!		Water Board 10.8
	RPM: James Whitcomb																					
	PM: Greg Alyanikian																					
11	Site 30 Land Use Control Work Plan	9002	4/20/09* 6/11/09**	✓ ✓	5/1/09 7/11/09	✓ ✓	11/01/09	✓	12/01/09	✓	✓	✓				12/29/09	01/12/10	01/26/10	02/09/10	02/19/10		* Navy technical review ** Navy legal review
	RPM: Charles Perry																					
	PM: Greg Alyanikian																					
ERRG, Inc.																						
12	Site 6 Data Gaps Investigation Work Plan / Sampling and Analysis Plan	2608	07/08/09	✓	08/10/09	✓	08/31/09	✓	09/30/09	✓	✓	✓	✓			10/23/09	11/06/09	11/13/09	11/23/09	12/07/09		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: James Whitcomb																					
	PM: Doug Bielskis																					
Sullivan Consulting Group																						
13	Site 28 Proposed Plan		8/7/09* 10/2/09**	✓ ✓	9/16/2009 11/2/09	✓ ✓	11/16/09	✓	12/17/09	✓	✓	✓				01/14/10	01/28/10	02/13/10	02/23/10	03/09/10		* Navy technical review ** Navy legal review
	RPM: James Whitcomb																					
	PM: Mehrdad Javaherian																					

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

**Naval Station Treasure Island
Navy Field Schedule
October 2009 - April 2010**

Item	Activity & Investigation Area	DTR #	Field Dates	Navy RPM	CTO/DO	PM	FTL	Complete
Shaw								
1	Site 24 Treatability Study Phase II <i>Site 24</i>	Doc N/A	Start: 07/21/08 Finish: TBD	Scott Anderson (619) 532-0938	FZN1	Pete Bourgeois (415) 277-6983	David Cacciatore (925) 288-2299	
2	Site 21 Pilot Treatability Study <i>Site 21</i>	Doc N/A	Start: 10/06/08 Finish: TBD	Scott Anderson (619) 532-0938	FZN1	Pete Bourgeois (415) 277-6983	Dan Leigh (925) 288-2193	
3	Non-Time Critical Removal Action <i>Site 12</i>	Doc N/A	Start: 02/26/07 Finish: TBD	James Whitcomb (619) 532-0936	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 8	Start: 05/11/09 Finish: 11/30/09	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 9	Start: 11/16/09 Finish: TBD	Scott Anderson (619) 532-0911	FZN1	Pete Bourgeois (415) 277-6983	Pete Bourgeois (415) 277-6983	
Trevet								
7	Site 6 Groundwater Sampling <i>Site 6</i>	Doc N/A	Start: 09/15/09 Finish: 09/18/09	James Whitcomb (619) 532-0936	CLIN	Greg Alyanakian (858) 869-3110	Greg Alyanakian (858) 869-3110	
8	Site 12 & 6 Groundwater Sampling <i>Site 12& 6</i>	Doc N/A	Start: 12/01/09 Finish: 12/04/09	James Whitcomb (619) 532-0936	CLIN	Greg Alyanakian (858) 869-3110	Greg Alyanakian (858) 869-3110	
EMS								
8	Site 12 Removal Action Soil Sampling <i>Site 12</i>	Doc N/A	Start: 12/05/07 Finish: TBD	James Whitcomb (619) 532-0936	NA	Dawn Roarty (916) 919-4785	Salem Attiga (925) 939-0687	
ERRG								
9	Site 6 Data Gaps Investigation <i>Site 6</i>	Doc 16	Start: 12/06/09 Finish: TBD	James Whitcomb (619) 532-0936	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.