

NAVAL STATION TREASURE ISLAND
ENVIRONMENTAL RESTORATION ADVISORY BOARD MEETING

Tuesday, 19 June 2012

7:00 PM.

Casa de la Vista Building 271

Treasure Island

MEETING NO. 160

- 6:00 – 7:00 **Optional Site Tour** (meet at Casa de la Vista)
- 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 – 7:35 **Field Activities and Access Update (Sites 12, 21, 24, 31, 33 and Building 233)**
Lead: Brian Holmgren, Shaw Environmental
- 7:35 – 7:50 **Treasure Island Draft Historical Radiological Assessment Technical Memorandum**
Lead: David Clark, Navy Lead Remedial Project Manager
- 7:50 – 7:55 **Upcoming Documents and Field Schedule**
Lead: Jessica Beck, Tetra Tech EMI
- 7:55 – 8:05 **Co-Chair Announcements**
Lead: Alice Pilram, Community Co-Chair
- NSTI RAB Operating Procedure Guidelines
- 8:05 – 8:10 **RAB Meeting Minutes**
Lead: James Sullivan, Navy Co-Chair
- 8:10 – 8:15 **BRAC Cleanup Team Update**
Lead: James Sullivan, Navy Co-Chair
- 8:15 – 8:20 **Other Public Comment and Announcements**
Lead: James Sullivan, Navy Co-Chair
- 8:20 – 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 Meeting: No July 2012 Meeting

7:00 pm Tuesday, 21 August 2012

Casa de la Vista, Treasure Island

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

Next Interim RAB Community Member Conference Call:

7:00 pm. Tuesday, 31 July 2012

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

Participant Code: 1122026

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

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

Navy San Diego Office Address:

JAMES B. SULLIVAN

BASE REALIGNMENT AND CLOSURE

PROGRAM MANAGEMENT OFFICE WEST

NAVAL FACILITIES ENGINEERING COMMAND

1455 FRAZEE ROAD, SUITE 900

SAN DIEGO, CA 92108-4310

james.b.sullivan2@navy.mil



BRAC Program Management Office



Naval Station Treasure Island Property Transfer Update

Restoration Advisory Board Meeting
June 19, 2012



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 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. FHWA will also be transferring an additional area adjacent to the Bay Bridge 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)
- The Navy will complete a Radiological Technical Memorandum for Treasure Island to assess current information and make findings and recommendations
- Property Conveyance will consist of:
 - 2012: Pre-closing conveyance of Yerba Buena Island property to support improvements to the Bay Bridge.
 - Early 2013: Initial conveyance of Treasure Island property upon meeting the environmental milestones and the Radiological Technical Memorandum

3



Property Transfer Update

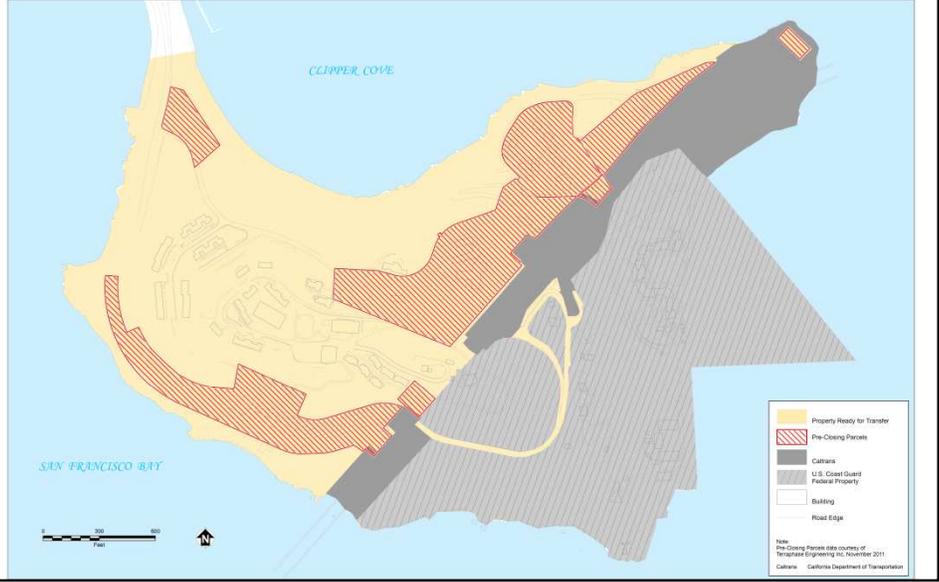


- Major milestones required for pre-closing property conveyance on YBI from Navy to TIDA in 2012:
 - CDPH (EMB) Letter to close out radiological questions at Yerba Buena Island (YBI) – Completed December 23 2011
 - Complete Revised FOST 3 for YBI – Final Issued January 17 2012
 - Covenant to Restrict Use of Property (CRUP) – 2012
- 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



Property Transfer Update





Naval Station Treasure Island



Sites 31 and 33

Restoration Advisory Board (RAB) Meeting
June 19, 2012

1



Site 31



- The two laydown pads were constructed between April 19 and 24. GWS of the base soil layers were performed between April 26 and May 1.
- Baseline GWS were performed in five proposed storage stockpile locations. Currently, four of the five areas are cleared for constructing storage stockpiles. Statics will be collected from the fifth location to determine if the area is acceptable.
- Soil from the existing stockpile was transferred to Pad A on May 9 and 10 and Pad B between May 10 and 15. The first layer of soil was placed in each pad with a thickness of 6 inches.
- Pad A – Layer 1: GWS was performed. Thirty two (32) locations exceeded the IL. Statics were collected at each location. All static results were below the IL. Fourteen (14) confirmation radiological soil samples were collected based on a systematic grid and sent to an offsite laboratory for analyses. Results are expected June 21. Layer 1 was segregated into 4 quadrants and placed in storage stockpiles.

2



Site 31



- Pad B – Layer 1: GWS was performed. Twenty one (21) locations exceeded the IL. Statics were collected at each location. All static results were below the IL. Fourteen (14) confirmation radiological soil samples were collected similar to the soil on Pad A. Results are expected July 9.
- The remaining soil in the existing stockpile will be transferred to Pads A and B to create the second layer.
- The following step will be to excavate Area D – North and Area D – South. Each area will be excavated to 6 feet bgs. The excavated soil will be placed on the two pads similar to the soil from the existing stockpile. The GWS of the Area D – South asphalt surface was conducted the week of June 11. Excavation is expected to start the week of June 25.

3



Site 31



Soil from the existing stockpile is transferred to Pad A, creating Layer 1.

4



Site 31



GWS is performed on Pad A – Layer 1. Soil from the existing stockpile is being placed on Pad B.

5



Site 31



Begin removing Layer 1 from Quadrant A2 of Pad A.

6



Site 31



Soil from Quadrant A2 is placed in a storage stockpile awaiting analytical results.

7



Site 33



- The asphalt surfaces covering the proposed excavation areas were removed April 17 and 18. The asphalt debris is stored on plastic sheeting in the western portion of the site awaiting characterization.
- GWS of the excavation area soil surfaces were performed April 27.
- GWS of the base soil layer in the laydown pad was performed April 27.
- Areas 1 to 5 were initially excavated as follows:
 - Area 1 – May 2 and 3 (1 foot bgs)
 - Area 2 – May 2 (2.5 feet bgs)
 - Area 3 – May 17 (4.5 feet bgs)
 - Area 4 – May 1 (4 feet bgs)
 - Area 5 – May 3 (2.3 feet bgs)

8



Site 33



- Area 1 was overexcavated downward 1 foot (25 square feet area) based on an elevated lead result. Five additional soil samples were collected. All lead results were below the cleanup goal so no further overexcavation was necessary.
- Area 3 was overexcavated northward and eastward based on two elevated lead results. Additional soil samples were collected and both sidewalls were overexcavated a second time due to two elevated lead results. The next set of soil samples had lead concentrations below the cleanup goal so no further overexcavation was necessary.
- Soil from Areas 1, 2, 4, and 5 comprised Layer 1 on the laydown pad. GWS was performed on each area. Based on results, statics were collected at Areas 1, 2, 4, and 5. Static results were below the IL for the soil from Areas 1, 2, and 5. Static results for the soil from Area 4 were above the IL, therefore 16 soil samples were collected and sent to an offsite laboratory for analyses. All results were below the cleanup goal.

9



Site 33



- The soil from Areas 1, 2, 4, and 5 were transferred to storage stockpiles awaiting analytical results from the samples collected from Area 4 soil.
- Soil from Area 3 (including the overexcavated soil from Areas 1 and 3) comprised Layer 2 on the laydown pad. GWS and statics were performed. Although static results for the soil initially excavated from Area 3 were all below the IL, four soil samples were collected due to a clustering of the higher (yet still below the IL) readings. The soil samples were sent to an offsite laboratory for analyses. The results are expected June 29.
- The soil has been transferred to storage stockpiles awaiting analytical results from the samples collected from Area 3 soil.
- Radiological surveys of the excavation sidewalls and floors are currently being conducted. The agencies will be conferred with prior to the start of backfilling.

10



Site 33



- The CDPH has a few weeks to perform concurrent scanning prior to backfilling.
- Soil samples were collected to characterize the soil for proper transportation and disposal.
- Preliminary work on the Internal Draft Remedial Action Completion Report (RACR) is underway.

11



Site 33



Excavation of Area 4.

12



Site 33



Placement of Area 2 soil (left) and Area 4 soil (right) on the laydown pad.

13



Site 33



Soil from Areas 1, 2, 4, and 5 are placed in separate storage stockpiles awaiting analytical results.

14



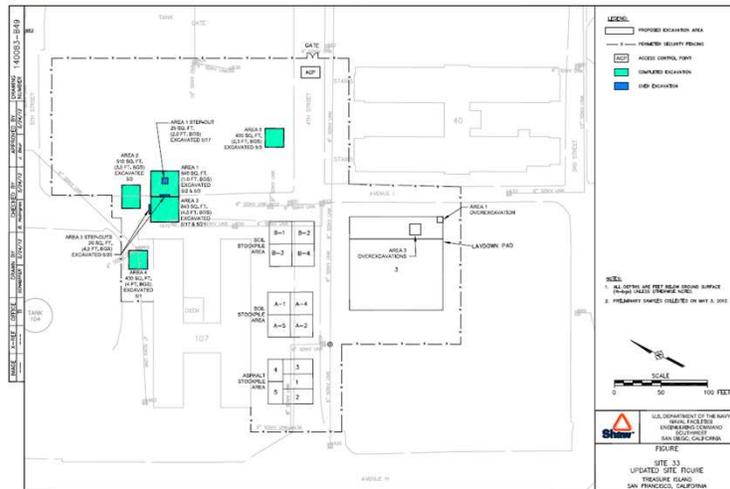
Site 33



Overexcavation of Area 3 east sidewall.



Site 33



Updated site figure for Site 33.



Naval Station Treasure Island



Site 24

Restoration Advisory Board (RAB) Meeting
June 19, 2012

1



Site 24 Treatability Study (Phase 3)



- Phase 3 Work is being performed to address the residual chlorinated ethenes contamination located mainly along the southern site boundary.
- The bioremediation system operated between February 29 and May 19. Field analyses were collected during operations on a biweekly basis to evaluate bioremediation activities.
- Approximately 2,200 gallons of substrate were injected into the subsurface and about 2.7 million gallons of groundwater were recirculated through the subsurface during system operation.

2



Site 24 Treatability Study (Phase 3)



- Two groundwater sampling events will be conducted: one in August and the other in November. The results will evaluate the effectiveness of the Phase 3 activities to reduce the chlorinated ethenes plume. Approximately 24 wells will be sampled during each event.
- A project report will be drafted in early 2013.

3



Site 24 Treatability Study (Phase 3)



Groundwater sample collected for biweekly analyses.

4



Naval Station Treasure Island



Site 12

Restoration Advisory Board (RAB) Meeting
June 19, 2012

1



Bayside and North Point Report



- Bayside and North Point Removal Action Post-Construction Summary Report
 - Shaw is addressing Navy and RASO comments on the Internal Draft. When all comments have been addressed the report will be submitted to the BCT in July.

2



SWDA A&B Excavations



- Demolition activities at Buildings 1123, 1319, and 1321 within SWDA A&B are expected to begin this summer.
- Additional excavation work at SWDA A&B is on hold pending the demolition of Buildings 1123, 1319, and 1321. Future work will likely be conducted under a new contract.

3



Bigelow Court



- Work Plan
 - The Internal Draft document will be re-submitted for Navy review. The Draft document is scheduled to be issued to the BCT in June. Expedited review will be requested due to non-time-critical removal action status of the project.
- Demolish Buildings 1101 and 1103
 - Remove asbestos-containing materials and lead-based paint
 - Remove concrete foundations after demolition
- Excavate all to 2 feet bgs, then to 4 feet bgs at localized areas.
- Contaminants of concern are lead, PCBs, and PAHs in soil; will also survey/analyze the soil for ²²⁶Ra.
- Field activities are expected to begin this summer.

4



Bigelow Court



5



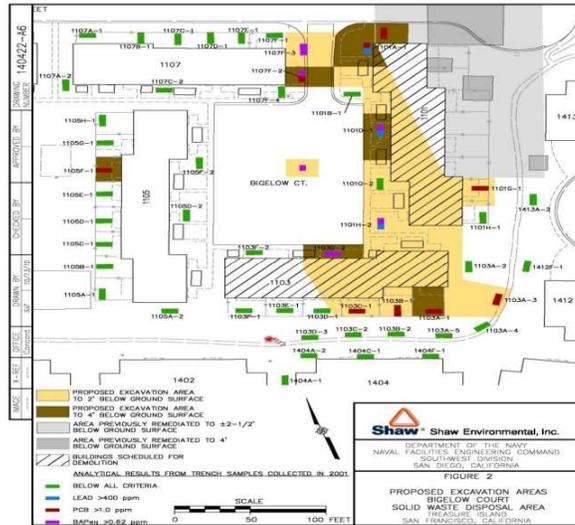
Bigelow Court



6



Bigelow Court Site Plan



7



Buildings 1311/1313



- The Navy will conduct a soil gas investigation around the perimeter of Building 1313. Nine soil gas samples will be collected from the front, back, and north sides of Building 1313.
- The Navy will also collect four soil gas samples around the northwestern perimeter of Building 1311.
- The Work Plan will be finalized in late June or early July.
- Field work is projected to start early July. Residents from Buildings 1311 and 1313 will receive notifications of the upcoming work.

8



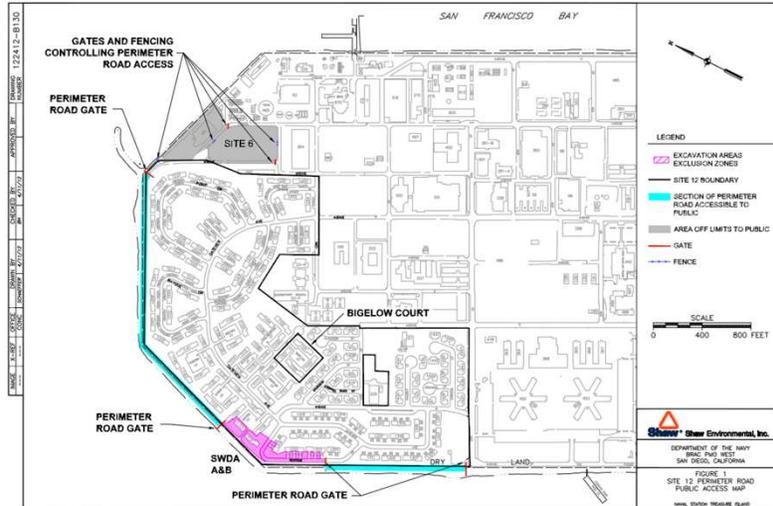
Buildings 1311/1313



Figure showing the thirteen proposed soil gas sample locations (pink circles).



Perimeter Road Access





Naval Station Treasure Island



Building 233

Restoration Advisory Board (RAB) Meeting
June 19, 2012

1



Building 233



- Materials above the instrument IL (some asphalt, concrete piers, and the concrete wall at the south end of the building) were placed into LLRW bins.
- Concrete core samples were collected from 67 piers that were below the instrument IL. The results will be used for disposal characterization. Only 13 piers had detectable Ra-226, with a maximum concentration of 0.71 pCi/g.
- Areas of asphalt above IL were found around both doorways and extending approximately 20 feet south of the building. All other asphalt, and concrete sidewalk along Avenue M, was below IL.
- GWS/scans were conducted on the soil surface following asphalt removal. Most results were less than the survey IL and all were below the static IL.

2



Building 233



The concrete south wall of Building 233 is removed by an excavator while dust control is provided.

3



Building 233



A portion of the concrete south wall is guided into the LLRW disposal bin.

4



Building 233



Piers above the IL are transferred from the storage area to a LLRW bin. Each pier was marked with an ID number for tracking purposes.

5



Building 233



A concrete core sample is collected from a pier that is below the IL. The results were used for disposal characterization.

6



Building 233



An excavator removes asphalt while dust control is provided.

7



Building 233



The concrete sidewalk located along the west side of former Building 233 is flipped over for scanning and sampling.

8



Building 233



The asphalt surface underlying the concrete sidewalk is scanned.

9



Building 233 - Path Forward



- The upcoming field activities include:
 - Removing approximately 230 feet of the sanitary sewer line from the building footprint to the nearest downstream manhole.
 - Characterizing the soil adjacent to the sanitary sewer line and collecting smear samples inside the sanitary sewer line and manhole. Also, collecting sediment samples if present inside the manhole.
 - After completion of sewer line removal, conduct the Final Status Survey of the building footprint, including the drain line trench.

10



BRAC Program Management Office



Naval Station Treasure Island Supplemental Historical Radiological Assessment Update

Dave Clark
Navy Lead Remedial Project Manager
June 19, 2012



HRA Supplemental Tech Memo



Purpose

- Identify new information relative to radiological activity on TI
- Review and supplement 2006 Historical Radiological Assessment (HRA) findings to account for additional research and post-HRA data/events
- Re-evaluate impacted and non-impacted site status
- Identify non-impacted property on Treasure Island that is suitable for transfer



HRA Supplemental Tech Memo



Process

- Research
 - Existing HRA references
 - Additional historical research: use and disposal of materials
 - Evaluate historical remedial excavations and materials found
 - Review nature and extent of debris areas
 - Evaluate excavations in impacted areas and potential impacts to TI
- Establish Conceptual Site Models for release pathways
- Identify areas that are impacted, need further investigation, or are suitable for transfer



HRA Supplemental Tech Memo



Research

- 2006 HRA References
- New File Reviews Completed To-Date:
 - National Archives San Bruno
 - Treasure Island newsletters
 - Navy real property records
 - Cultural resource records
 - Treasure Island Museum
 - 1939 Exposition records
- Navy Files
 - Building records
 - Drawings
 - Geotechnical



HRA Supplemental Tech Memo



Research

- Evaluation of soil excavation and transport activities related to environmental restoration activities within impacted or suspect impacted areas (including historical Site 12 trenching efforts).
- Other events relative to TI environmental restoration program.



HRA Supplemental Tech Memo



Findings To-Date

- 2006 HRA findings were based on historical operations including:
 - Training of personnel on calibration, maintenance, and operation of radiation monitoring instruments
 - Training of personnel on radiological monitoring and decontamination
 - Berthing of OPERATION CROSSROADS ships
- Potential impacts from maintenance and repair of ships were not considered in the 2006 HRA as "NAVSTA TI's mission was training and not the maintenance and repair of ships."
- Records reviewed to-date indicate significant maintenance and repair activities occurred for several years during WWII in certain areas of the installation.



HRA Supplemental Tech Memo



Findings To-Date

- Soil movement activities relative to past remedial efforts warrants further evaluation
- Evaluation of TI history shows early development of the southern 2/3rd of the island. Continued occupation eliminates areas being considered as disposal areas.



Conceptual Site Models



Subsurface Disposal of Debris

- Disposal of rad material, i.e. deck markers, gauges, foils, other material

Incidental Releases from Operations/Training

- Localized Events – Training – Documented RAD Activities
 - Building 233
 - Pandemonium (potential)

Release due to Remediation Activities

- (Potential) Spills and spread of contamination associated with remediation activities



Next Steps



- Draft Supplemental HRA to Agencies – July 2012
- 30-day Comment Period
- Final Supplemental HRA – October 2012

**Naval Station Treasure Island
Environmental Cleanup Program
Document Tracking Sheet
June 2012 - November 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	Agency Comments						Preliminary RTCs to Agencies	Resolve and Concur on RTCs	Internal Final to Navy	Navy Comments Due	Final to Agencies				
						Date Due	DTSC	WATER BOARD	EPA	TIDA/TICD	RAB							OTHER	Priority Review	
Shaw Group																				
1	Site 12 Bigelow Court NTCRA Work Plan	0010	11/22/10, 12/23/10, 01/24/11	✓	12/14/10, 04/30/11, 08/01/11	✓	06/22/12	07/06/12										Schedule to be updated following approval of Draft Demolition Plan.		
	RPM: Anthony Konzen PM: John Baur																			
2	Building 233 Final Status Survey (FSS)	0010	06/16/12* 07/21/12**		07/08/12* 08/11/12**		09/02/12	09/17/12										* Navy technical review ** Navy RASO review		
	RPM: Tony Konzen PM: John Baur																			
3	Site 21 Soil Gas HHRA Addendum *	FZO1	06/29/12		07/06/12		07/14/12	08/13/12										* Schedule subject to change based on discussions with BCT		
	RPM: Danielle Janda PM: John Baur																			
4	Bayside/North Point Post-Construction Report	0010	10/18/11	✓	02/27/12	✓	06/29/12	07/27/12												
	RPM: Anthony Konzen PM: John Baur																			
5	Site 31 Remedial Action Completion Report (RACR)	0002	08/08/12		09/07/12		09/22/12	10/21/12												
	RPM: Lora Battaglia PM: John Baur																			
6	Site 33 Remedial Action Completion Report (RACR)	FZN9	06/13/12	✓	07/12/12		07/26/12	08/24/12												
	RPM: Lora Battaglia PM: John Baur																			
7	2011 Sites 21, 24, 32 Groundwater Report	0002	04/11/12	✓	04/30/12	✓	06/12/12	07/10/12												
	RPM: Danielle Janda PM: John Baur																			
Tetra Tech EM Inc.																				
8	Island Times Newsletter #18	0000	01/12/12	✓	02/01/12	✓	02/09/12	02/23/12	✓	✓	X	✓			NA	NA	06/29/12	07/05/12	07/14/12	
	RPM: Jim Sullivan PM: Marcie Rash																			
Chadux Tetra Tech																				
9	Site 21 ROD/RAP	0083	11/30/11	✓	12/19/11	✓	02/07/12	03/06/12	✓	✓	✓	✓			04/16/12	04/29/12	05/06/12	05/17/12	07/30/12	ROD sent to BCT on 5/17 with redline; Signature on ROD expected in July 2012.
	RPM: Danielle Janda PM: Jean Michaels																			
TriEco Tetra Tech																				
10	Site 12 RI Report	0003	03/02/11	✓	04/01/11	✓	06/10/11	08/26/11	✓	✓	✓	✓			12/22/12	03/19/12	05/02/12	05/23/12	06/20/12	Comments on RTCs: EPA (1/31), DTSC HERO (1/19), DTSC ERAS (1/24), TIDA (1/31)
	RPM: Anthony Konzen PM: Marcie Rash																			
11	Historical Radiological Assessment Tech Memo	0003	05/30/12	✓	06/29/12		07/13/12	08/12/12							09/09/12	TBD	10/09/12	10/19/12	11/02/12	
	RPM: David Clark PM: Marcie Rash																			

**Naval Station Treasure Island
Environmental Cleanup Program
Document Tracking Sheet
June 2012 - November 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	Agency Comments						Preliminary RTCs to Agencies	Resolve and Concur on RTCs	Internal Final to Navy	Navy Comments Due	Final to Agencies											
						Date Due	DTSC	WATER BOARD	EPA	TIDA/TICD	RAB							OTHER	Priority Review								
TriEco Tetra Tech (Continued)																											
12	2012 Site Management Plan	0003	03/26/12	✓	04/30/12	✓	05/21/12	✓	06/22/12									07/11/12	TBD	07/25/12	08/08/12	08/22/12					
	RPM: David Clark PM: Marcie Rash																										
13	Site 27 Remedial Design	0009	05/31/12* 10/24/12**	✓	06/20/12* 11/07/12**	✓	07/16/12* 11/10/12**	✓	08/15/12* 12/10/12**									09/13/12* 01/08/13**	TBD	01/22/13	02/05/13	02/15/13	* 30% design ** 90% design				
	RPM: Lora Battaglia PM: Katie Henry																										
Trevet																											
14	2011 Sites 6 & 12 Annual Groundwater Report	9002	02/24/12	✓	03/25/12	✓	04/24/12	✓	05/24/12	✓	✓	X	✓					06/08/12	✓	TBD	06/23/12	07/03/12	07/17/12	DTSC (5/18), TIDA (5/25), EPA (5/30), WB (6/5)			
	RPM: Tony Konzen PM: Greg Alyanakian																										
	Sites 21 and 24 Groundwater Monitoring Work Plan	5011	11/30/11	✓	01/23/12	✓	03/19/12	✓	04/18/12	✓	✓	✓	✓					05/11/12	✓	NA	05/25/12	✓	06/06/12	✓	06/08/12	✓	DTSC (4/18), EPA (4/18), TIDA (4/18), WB (5/7)
	RPM: Danielle Janda PM: Greg Alyanakian																										
	Site 30 2012 LUC Inspection and Reporting	9002	02/24/12	✓	03/16/12	✓	03/27/12	✓	04/26/12	X	X	X	X					NA	NA	05/07/12	✓	05/09/12	✓	05/30/12	✓		
	RPM: David Clark PM: Greg Alyanakian																										
ERRG																											
15	Site 6 RI/FS Report	0002	09/23/11	✓	11/21/11	✓	12/22/11	✓	02/06/12	✓	✓	✓	✓					06/05/12	✓	06/21/12	07/05/12	07/15/12	07/29/12	DTSC (2/6), EPA (2/6), TIDA (2/6), WB (2/23)			
	RPM: Tony Konzen PM: Phil Skorge																										
16	UST 240 Corrective Action Plan Work Plan	0002	10/21/11	✓	11/30/11	✓	02/09/12	✓	03/11/12	X	✓	✓						06/29/12	TBD	07/06/12	07/13/12	07/18/12	TIDA (3/9), WB (4/14)				
	RPM: Tony Konzen PM: Phil Skorge																										
Kleinfelder and CH2M Hill																											
17	YF3 Field Activity Report	026	06/08/12	✓	07/01/12	✓	07/30/12	✓	08/29/12									09/19/12	TBD	09/19/12	09/24/12	09/28/12					
	RPM: Danielle Janda PM: Holly Carter																										

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

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

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.

**Naval Station Treasure Island
Navy Field Schedule
June 2012 - November 2012**

Item	Activity and Investigation Area	DTS #	Field Dates	Navy RPM	CTO/DO	Complete
Shaw						
1	Non-Time Critical Removal Action Site 12	Doc --	Start: 02/26/07 Finish: TBD	Tony Konzen (619) 532-0924	010	
2	Sites 31/33 Remedial Action Sites 31 and 33	Doc --	Start: 02/02/12 Finish: 07/31/12	Lora Battaglia (619) 532-0968	FZN9	
3	Building 233 Debris Screening / Final Status Survey Building 233	Doc --	Start: 01/30/12 Finish: 07/23/12	Tony Konzen (619) 532-0924	010	
4	Site 24 Phase 3 Site 24	Doc --	Start: 11/13/11 Finish: TBD	Danielle Janda (619) 532-0796	FZ01	
5	Bigelow Court Non-Time Critical Removal Action Site 12	Doc 1	Start: 07/16/12 Finish: 09/26/12	Tony Konzen (619) 532-0924	010	
6	Soil Gas Investigation, Building 1311/1313 Area Site 12	Doc --	Start: 07/02/12 Finish: 07/17/12	Danielle Janda (619) 532-0796	FZNI	
7	Demolition of Buildings 1123, 1319, 1321 Site 12	Doc --	Start: 06/18/12 Finish: 08/16/12	Tony Konzen (619) 532-0924	010	
Trevet						
	Site 6 - 2nd Quarter Groundwater Sampling / Site 12 Semiannual Monitoring Sites 6 and 12	Doc --	Start: 06/11/12 Finish: 06/13/12	Tony Konzen (619) 532-0924	9003	✓
8	Sites 21, 24 - 1st Quarter Groundwater Sampling Sites 21 and 24	Doc --	Start: 06/22/12 Finish: 07/03/12	Danielle Janda (619) 532-0796	5011	
9	Sites 21, 24 - 2nd Quarter Groundwater Sampling Sites 21 and 24	Doc --	Start: 09/10/12 Finish: 09/21/12	Danielle Janda (619) 532-0796	5011	
ERRG						
10	Site 6 / UST 240 Corrective Action Site 6	Doc 16	Start: 08/06/12 Finish: 10/05/12	Tony Konzen (619) 532-0924	2608	

Abbreviations:

- Not applicable, there is no associated documentation listed on the DTS.
- CTO/DO Contract task order/delivery order
- DTS # The number listed corresponds to the associated documentation listed on the Document Tracking Sheet.
- RPM Remedial project manager
- TBD To be determined
- UST Underground storage tank

✓ 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.