

Naval Facilities Engineering Command Southwest Base Realignment and Closure West, San Diego, CA

# FINAL RESTORATION ADVISORY BOARD MEETING MINUTES

Former Naval Station Treasure Island San Francisco, California

March 26, 2019

Approved for public release; distribution is unlimited



### FINAL

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

Meeting 197

26 March 2019

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

Nathan Brennan, John Gee, Alice Pilram, Dale Smith

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

Katrina Kaiser, Regional Water Quality Control Board (Water Board)

Reginald Paulding, Navy Interim Base Realignment and Closure (BRAC)

**Environmental Coordinator** 

Kim Walsh, California Department of Toxic Substances Control (DTSC)

### Other Navy, Regulatory Staff, and Consultant Representatives in attendance:

Dave Clark, Navy Lead Remedial Project Manager

Bill Franklin, Navy

Leo Larson, Navy

Marsha Maloof, Maloof & Associates

Kimberly Noble, Navy Radiological Affairs Support Office (RASO)

Julie Pettijohn, DTSC

Joe Schwennesen, Adanta, Inc.

Asha Setty, DTSC

Barbara Zumwalt, DTSC

### **Public Guests in attendance:**

Julia Alvarez, Greenaction Bob Beck, Treasure Island

Development Authority (TIDA)

Karena Bibbins, FleishmanHillard

Shannon Brown, Greenaction

Aliya Ehde, Greenaction

Sheridan Enomoto, Greenaction

Sydney Hames, Greenaction

Carol Harvey, journalist

Kevin Kempf, resident Jeff Kline, resident

Joanna Ladd, Chinatown

Community Development Center (CDC)

Elizabeth Washington, resident Sherry Williams, One Treasure

Island

### Welcome Remarks, Agenda Review, and RAB Discussion Items

Marsha Maloof (facilitator) opened the March 2019 RAB meeting for Former Naval Station Treasure Island (NAVSTA TI), held at Building One on Treasure Island (TI). Ms. Maloof asked attendees to sign in and noted the agenda indicates the topics and time-frames for the evening. Alice Pilram (RAB Community Co-Chair) reviewed the agenda (Attachment A).

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### New Business – Site 12 Fieldwork

Leo Larson (Navy) provided an update on Site 12 fieldwork (Attachment B). Mr. Larson said his presentation will include updates specifically on the chemical cleanup, radiological cleanup, groundwater monitoring, and removal of underground storage tanks (USTs) within Site 12.

The current chemical cleanup in Site 12 consists of 41 small excavations and one larger excavation in the northern area of Site 12. The contaminants of concern include lead, chromium, benzo(a)pyrene, polychlorinated biphenyls (PCB), pesticides, and dioxins. Each of the 41 areas of excavation are approximately 10 feet by 10 feet. The excavation boundaries are sampled prior to excavation to ensure the lateral extent of the contamination is identified. During excavations, the Navy conducts air and dust monitoring. Water is applied to excavated soil to reduce dust. Three air and dust monitors are in-place during work: two downwind and one upwind.

The goal is to excavate and backfill each individual location on the same day, to minimize disruption to residents. Thus far, 16 of the 41 locations have been excavated and backfilled. The work will continue through May 2019. The excavated soil is transported to Site 32, where it is spread out on a specially constructed radiological screening yard (RSY) pad and radiologically scanned.

Mr. Larson said Buildings 1126, 1127, and 1217 will be demolished during this chemical cleanup. Prior to demolition, the buildings are radiologically scanned and asbestos abatement is conducted. Demolition of the three buildings will take place in April and May 2019.

Mr. Larson moved on to the radiological cleanup project status. The Navy is conducting a radiological cleanup in the Northpoint Solid Waste Disposal Area (SWDA). Part of the excavation will take place on the northern tip of Northpoint Drive, so the Navy will excavate and ultimately repave part of that road. In total, approximately 4,000 cubic yards of soil will be excavated. That soil and debris will be hauled to Site 32 and scanned at the RSY pad. This cleanup work will take place from April through July 2019.

Mr. Larson reviewed the status of the groundwater monitoring in Site 12. There are 13 groundwater monitoring wells in the Gateview Avenue area. The contaminants of concern in the area are total petroleum hydrocarbons and arsenic. These wells were last sampled in March 2019 and the next sampling event will take place in September 2019. Mr. Larson reminded attendees that groundwater on TI is not used for drinking water.

Next, Mr. Larson reviewed the UST removal project status. The USTs were discovered during field work in 2016 in a lot adjacent to Building 225. The USTs and associated piping will be removed in May 2019 and the surrounding soil will be tested.

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Mr. Larson said that a lot of work is taking place on TI and not all of it is being conducted by the Navy and its contractors. To help the public know which trucks are related to the Navy's cleanup work, the trucks are marked with a large, numbered, green sticker. These trucks are also covered with tarps when they are being driven, follow a particular route, and are only being driven Monday through Friday between the 8:00 a.m. to 5:00 p.m. project hours. Mr. Larson noted each truck must also pass through a radiological portal monitor before exiting the site.

Ms. Maloof opened the floor to questions. John Gee (RAB member) asked the planned depth of the excavation at SWDA Northpoint. Mr. Larson said he anticipates a depth of approximately 12 feet below ground surface. Mr. Gee asked how that depth will affect water from the Bay. Mr. Larson said the team will encounter groundwater, but they do not expect it to be a problem and the excavation itself will not adversely affect the groundwater. [Groundwater actually flows radially from Treasure Island out towards the bay.]

Sheridan Enomoto (Greenaction) asked for the location of the radiological portal monitor that trucks drive through. Mr. Larson reviewed the figure on slide 16 of Attachment B, noting the portal is on A Street and monitors vehicles as they leave Site 32. Ms. Enomoto also asked the name of the company currently contracted to work at Site 12 and if they put up caution tape around the work that they are doing. Mr. Larson said Gilbane is the current contractor, and there is an exclusion zone around each of the excavation areas. The excavator itself is usually located adjacent to an excavation area and marked with caution tape when not in use. Ms. Enomoto said she did not see any caution tape being used when the team was monitoring wells. Mr. Larson said that is correct, and clarified that the protocol he was referring to is for the excavation areas.

Carol Harvey (journalist) asked if Mr. Larson included any information about the Westside SWDA. Mr. Larson said that is not part of this project. Ms. Harvey said the trucks she has seen driving around TI are open on the top and dust is visibly coming out of them. [Note that Navy trucks are specifically marked and required to be covered when not empty]

Joanna Ladd (Chinatown CDC) asked how and when results of testing are released to the community and to developers. Mr. Larson said a final report will be issued and it will contain the results. Dave Clark (Navy) added that current conditions of the site are available in previous reports, such as work plans for Site 12, to get more information on what is present and what the Navy is removing. Mr. Clark said the Site 12 proposed plan is the best consolidated summary of the conditions and the Navy's plans for cleanup based on those conditions. At the end of each project there is also a post-construction summary report (PCSR) that provides details for each project. Reginald Paulding (Navy) said the reports can be found on-line at <a href="https://www.bracpmo.navy.mil">www.bracpmo.navy.mil</a> by selecting the

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link for *Former Naval Station Treasure Island*. The link is also listed on the agenda (Attachment A).

### New Business – Work by Tetra Tech EC on TI

Ms. Pilram said that considering recent news articles, the RAB members asked the Navy to provide a statement regarding Tetra Tech EC and the radiological work performed at NAVSTA TI. Mr. Paulding reviewed a slide (Attachment C). Mr. Paulding said the Navy has gone back and reviewed the radiological work conducted by Tetra Tech EC on NAVSTA TI. The conclusion of the review is that there are no health risks to people that live on, work on, and visit NAVSTA TI.

Mr. Paulding said there are two time periods when Tetra Tech EC did work on NAVSTA TI: between 2007 and 2008 and between 2013 and 2016. The radiological work performed by Tetra Tech EC was limited to Buildings 343, 344, and 233; Sites 6 and 12; and monitoring and compliance support. Mr. Paulding said a summary of this work was compiled and can be found on the Navy's website, under the *Timely Topics* page. In addition, the Navy supports the ongoing agency review of Tetra Tech EC projects and confirmation of project conclusions.

Ms. Harvey said she recalls RAB meetings where staff and contractors were discussing work at Site YF3, including Katie Henry (Tetra Tech EMI, not present) who introduced herself as part of the Battelle Tetra Tech team. Ms. Harvey said she has seen radiological warning signs on TI with the Battelle name on them. She asked why that work in Clipper Cove was not noted as part of the Tetra Tech EC work, and why the Battelle name is on radiological signs. Mr. Clark said Tetra Tech EMI is a subsidiary of Tetra Tech and is a separate entity from Tetra Tech EC. Mr. Clark noted Tetra Tech EMI supported Battelle on the YF3 studies. Battelle is the contractor the Navy hired to conduct quality assurance oversight for the radiological projects at several installations. Battelle reviews the radiological work done by all contractors. Battelle is also the prime contractor for the YF3 studies.

### New Business – BRAC Cleanup Team (BCT) Update

Kim Walsh (DTSC) introduced other DTSC staff in attendance including Asha Setty (Public Participation Specialist), Barbara Zumwalt (Public Information Office), and Julie Pettijohn (Unit Chief). Ms. Walsh noted they will be available to answer additional questions after the RAB meeting is over.

Ms. Walsh said DTSC oversight activities for the first quarter of 2019 focused on five areas: (1) site inspections, (2) consultation on fieldwork, (3) document reviews, (4) responding to public records requests, and (5) coordination with CDPH regarding the Tetra Tech EC issues.

DTSC did three site inspections this year, two of which were initiated by DTSC to oversee the work Mr. Larson described in his fieldwork update. At the Navy's

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request, DTSC also worked with the Navy to determine the best locations for air and dust monitors. During the inspections, DTSC identified issues related to exclusion zones and had feedback regarding worker safety. Ms. Walsh said the Navy was cooperative and responsive, addressing the issues DTSC identified.

Ms. Walsh said the document requiring the most review time has been the Site 12 Phase III Non-Time Critical Removal Action (NTCRA) PCSR. DTSC provided comments including a request for additional sidewall samples during the next phase of work and additional debris profiling details. Ms. Walsh said DTSC also requested results from the potholing that was conducted to identify the extent of the debris. CDPH is still working on their review of that report.

Ms. Walsh said last year, DTSC initiated its own records review of Tetra Tech EC's work at NAVSTA TI, based on news reports that data was falsified at Hunters Point. Ms. Walsh said they identified the same work that Mr. Paulding mentioned in his presentation. Ms. Walsh said currently CDPH is reviewing the summary of that work and will provide DTSC with their technical input.

Katrina Kaiser (Water Board) said the Water Board is a supporting agency to DTSC. They focus on water quality and petroleum issues at NAVSTA TI. The Water Board provided comments on the Site 12 Phase III NTCRA PCSR related to water quality. In addition, the Water Board will continue to provide oversight for the work planned for Site YF3 on Yerba Buena Island.

### New Business – Citizen's Advisory Board (CAB) Update

Nathan Brennan (RAB member) is also a member of the CAB, which is an advisory board to TIDA. Since the last RAB meeting, the CAB has met twice: the first Tuesday in February and the first Tuesday in March.

Mr. Brennan said the CAB received a presentation about the preparation of the TI island itself for redevelopment. This includes vibrocompaction of the sand and the addition of soil. Mr. Brennan said the CAB also received a presentation about planned parks on TI. The parks on the island will not be managed by San Francisco's Parks and Recreation Department. The group that will manage the parks took a tour of parks in New York City to gain some insight on that city's successful park management. Information, including reports and meeting dates for the CAB, can be found at <a href="https://www.sftreasureisland.org">www.sftreasureisland.org</a>.

### **RAB** and Public Comment Period

Ms. Maloof opened the floor to general questions and comments from the RAB. Dale Smith (RAB member) said she wants to make sure that when there is guidance regarding perfluorooctanesulfonic acid (PFAS), that Building 99 within Site 24 be investigated. In addition, she would urge that more areas of NAVSTA TI be investigated for PFAS. Mr. Clark said NAVSTA TI was investigated for PFAS in accordance with current Navy policy. The Navy focused its investigation of PFAS on Site 6, the location of the former fire-fighting school.

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However, this emerging contaminant will be discussed in the five-year review document. Ms. Maloof opened the floor to questions and comments from the public. She noted they do not have to be specific to the presentation provided tonight. Each community member will be timed to have a maximum of three minutes to allow everyone time to speak and to ensure the agenda can be completed within the allotted time.

Ms. Harvey said she recalls a RAB presentation in 2014 about the Historical Radiological Assessment (HRA) Supplemental Technical Memorandum (STM). Ms. Harvey said since it has been five years since that document and a lot of work has been done on TI, she is calling for a new HRA STM to be prepared and include a full list of the radiological items that were found. Mr. Clark said the Navy will take the request into consideration.

Ms. Enomoto said she would like to hear more information at RAB meetings about the possible impacts and planned mitigation of sea-level rise at TI, particularly as it relates to redevelopment. Mr. Brennan said that information is presented at CAB meetings, which are focused on redevelopment, rather than RAB meetings, which are focused on cleanup. Ms. Enomoto said she would like to hear about the relationship of contamination to sea-level rise and redevelopment.

Ms. Enomoto said she understands the Navy has designated areas with site numbers and refers to them as those, such as "Site 12." However, she noted that they are not just sites. People are living in Site 12 where radiation and hazardous contamination are being remediated. She feels that is not acceptable and never has been.

Lastly, Ms. Enomoto commented that she does not trust any form (subsidiary) of Tetra Tech and she is not confident regardless of which agency is saying everything is fine.

Shannon Brown (Greenaction) asked for clarification about the vibrocompaction of sand layers at NAVSTA TI. She asked if water is extruded when compaction takes place and if there is any concern about contamination in that water. Mr. Brennan said bay mud contains the water. The compaction takes place far below the level of contamination. Mr. Brennan encouraged Ms. Brown to attend a CAB meeting to hear more details about and ask these questions directly to a geotechnical expert.

Jeff Kline (resident) said he has lived on TI for 20 years. He said, regarding the HRA STM that Ms. Harvey discussed, in 2014 the list of radiological objects found numbered approximately 600. However, at a meeting in 2018 Mr. Clark noted there were now approximately 1,280 radiological objects recovered. Mr. Kline said the HRA STM should not be considered final if it notes only 600 objects. Mr. Clark said the purpose of the HRA STM was to summarize the

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current status (at that time) and to specifically identify sites that require more investigation, which has taken place since the HRA STM was finalized.

Mr. Kline said he read a Site 12 trenching report from 2004 that indicated groundwater was as shallow as 1.6 feet below ground surface. Since radiation cannot be detected through water, he asked how the Navy's surface scans can possibly locate radiological objects when there is a variable water table.

Mr. Kline noted the radiological objects he is discussing are what the Navy refers to as "foils," which are hexagonal and approximately 14 millimeters in size. Mr. Kline said he believes they are from an instrument called a Navy metascope. Mr. Kline's research indicates that the manufacturer produced 48,000 metascopes, which were used for night vision. Mr. Kline said the 2014 HRA STM discounted the idea of them being from a metascope because they only looked at Army metascopes, which used gold foils, and they did not consider Navy metascopes.

Mr. Clark said it is correct that NAVSTA TI was a training facility and those foils Mr. Kline described were recovered on TI. They likely were used as a check source, but the Navy has been unable to definitively say for which instrument(s). The exact location where each item is found is documented to help the Navy prepare and update the conceptual site model for the site. Despite groundwater conditions, the Navy has demonstrated they are able to detect these foils below ground surface. The SWDAs are much deeper, and it is not always possible to see to the depths of these with instrumentation, so investigation in these areas is done differently. In summary, Mr. Clark noted that the Navy is confident that the foils have been recovered in the housing areas and in the open spaces of Site 12, and they are currently evaluating the best alternatives to recover them in the SWDAs. Mr. Kline asked if there is an updated inventory of the radiological commodities since the last information he saw, from 2014. Mr. Clark said there is not one complete table in one location or report that lists details for every single radiological commodity that has been recovered on TI.

Ms. Harvey requested a RAB presentation to detail all of the radiological work that has been done since the HRA STM presentation in 2014.

### Old Business – RAB Minutes Approval

Mr. Paulding asked for comments on the December 2018 RAB meeting 196 minutes. Ms. Smith and Mr. Gee provided comments. The minutes were approved pending incorporation of the edits and will be finalized.

# New Business—Co-Chair Announcements, Future Agenda Items, and RAB Discussion Items

The floor was opened to additional RAB comments or questions. Ms. Pilram said the next RAB meeting will take place on Tuesday, June 18, 2019.

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Ms. Smith noted the RSY pad at Site 32 has hay bales to contain any water runoff. She asked whether the bales are covered in plastic and if that plastic extends down into the pad. Mr. Clark confirmed the hay bales are covered in plastic, which does extend down into the RSY pad.

Mr. Paulding said he has taken note of the concerns and requests for more information noted during this meeting. He will take these topics to his management and look towards providing the requested presentation topics in the future.

Mr. Kline said he used to be on the mailing list to receive draft RAB minutes and presentation copies, but he no longer receives them. He only receives an email with the agenda. He previously asked to be placed back on the mailing list, but still only receives the agenda. Mr. Clark clarified that draft RAB minutes do not get distributed to the public. The RAB must have a chance to review and comment on them. When they are finalized, the minutes with attachments are posted on the Navy's website. Mr. Kline said he used to receive draft RAB minutes and he would like to receive them again so he does not have to wait several months for the RAB to review and finalize the minutes. Ms. Maloof said the information must be vetted by the RAB and it is not proper procedure to distribute draft minutes. Mr. Kline asked how the public can request things be added or changed in the draft minutes, if the public does not get the draft minutes. Ms. Maloof said that is a task for RAB members and asked Mr. Kline if he would like to join the RAB. Mr. Kline declined.

### Adjournment

Mr. Paulding thanked everyone for attending and noted the agencies are available after the meeting for any follow-up questions. The next RAB meeting will be Tuesday, June 18, 2019. The meeting was adjourned at 8:24 p.m.

### 26 March RAB Meeting Handouts

- Attachment A: NAVSTA TI RAB Meeting No. 197 Agenda
- Attachment B: Site 12 Field Work Update
- Attachment C: Work by Tetra Tech EC on Treasure Island
- Attachment D: Document Tracking Sheet
- Attachment E: Field Schedule

### ENVIRONMENTAL RESTORATION ADVISORY BOARD MEETING AGENDA

NAVAL STATION TREASURE ISLAND

Tuesday, 26 March 2019

One Avenue of the Palms, Building One, Room 117, Treasure Island

MEETING NO. 197

### I. WELCOME REMARKS AND AGENDA REVIEW

### 7:00 – 7:10 Welcome, Introductions, Meeting Guideline Review

Marsha Maloof, Meeting Facilitator

### 7:10 - 7:15 Agenda Review

Alice Pilram, Community Co-Chair

### **II. NEW BUSINESS**

### 7:15 - 7:45 Site 12 Field Work Update

Leo Larson, Navy

Presentation Q&A: RAB

Presentation Q&A: Community

### 7:45 – 7:55 BRAC Cleanup Team Update

Kim Walsh, DTSC and Katrina Kaiser, Water Board

### 7:55 - 8:05 Citizen's Advisory Board Update

Becky Hogue, RAB member

8:05 - 8:15 Break

### 8:15 - 8:30 General Comment Period

RAB

Community

### **III. OLD BUSINESS**

### 8:30 - 8:45 RAB Meeting Minutes Approval Meeting No. 196

Reginald Paulding, Navy

### 8:45 - 9:00 RAB Discussion Items, Co-Chair Announcements and Future Agenda Items

Alice Pilram, Community Co-Chair and Reginald Paulding, Navy Co-Chair

9:00 Adjourn

Next Regular Meeting: 7:00 pm Tuesday, 19 June 2019

Location: Building One, Treasure Island

Next Treasure Island Citizen's Advisory Board (CAB) Meeting: See the web site for latest dates and times for future meetings: <a href="https://www.sftreasureisland.org">www.sftreasureisland.org</a>

Navy BRAC Web Site: <a href="http://www.bracpmo.navy.mil/NSTI">http://www.bracpmo.navy.mil/NSTI</a>

Navy San Diego Office Address:

Navy BRAC PMO West 33000 Nixie Way Building 50, Attention: Reginald Paulding San Diego, CA 92147

Email: reginald.paulding@navy.mil Local phone number: (415) 308-1458



## **Site 12 Field Work Update**

# NAVAL STATION TREASURE ISLAND SAN FRANCISCO, CALIFORNIA

Restoration Advisory Board Meeting March 26, 2019

## **Site 12 Field Work Update Overview**



- Chemical Cleanup
  - -Excavations
  - –Building Demolitions
- Radiological Cleanup
  - –Northpoint Solid Waste Disposal Area (SWDA)
- Groundwater Monitoring
  - –Gateview Total PetroleumHydrocarbon (TPH)/Arsenic Area
- Removal of Underground Storage Tanks (UST's)



Treasure Island Site 12 Location

## **Chemical Cleanup – Excavations**

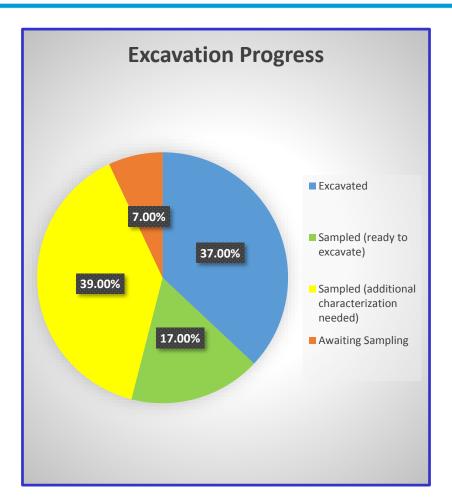


### Contaminants of Concern

-Lead, Benzo(a)pyrene (BaP),Chromium, PolychlorinatedByphenols (PCBs), Pesticidesand Dioxin

### 41 Excavations

- –Approximately 10' x 10' each
- -Pre-excavation sampling
- Goal is to excavate and backfill each location within one day
- Excavated soil transferred to Site 32 for radiological scanning
- –Air and Dust Monitoring
- -16 locations complete(excavated and backfilled)
- Work occurring through May 2019



Site 12 Chemical Excavation Progress

# **Site 12 Remediation Progress**





Site 12 Chemical Excavation Locations

# **Chemical Cleanup – Soil Excavation**





Chemical Excavation in Northern Site 12

## **Chemical Cleanup – Air and Dust Monitoring**



## Air Monitoring

- -Sitewide
- Upwind and downwind monitoring
- –Measure specific contaminant concentrations
- Dust Monitoring
  - -Each excavation location
  - -3 dust monitors
    - 1 upwind
    - 2 downwind
  - Continuous monitoring during excavation and backfill activities
    - Any exceedances trigger alarm
- Health and Safety is Paramount



**Dust Monitoring at Excavation Location** 

# **Chemical Cleanup – Dust Control**





Dust Control Measures at Site 12 Excavation Area

# **Chemical Cleanup – Site Restoration**

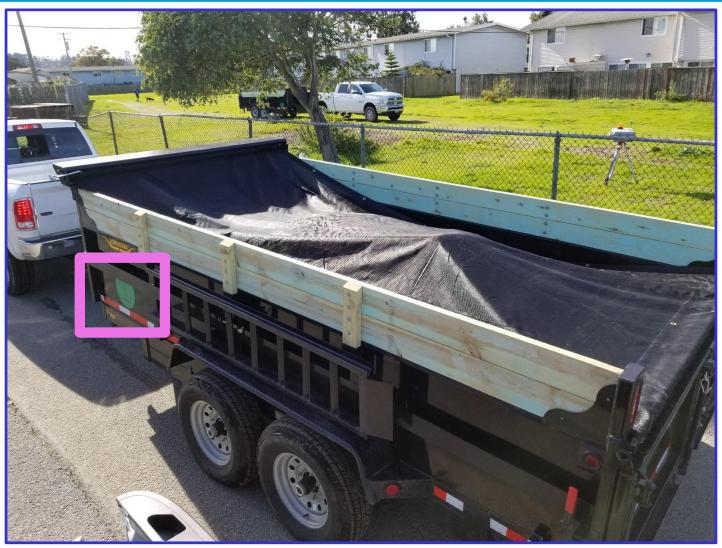




Backfilled Excavation Location Awaiting Hydroseed

# **Chemical Cleanup – Soil Transport**





Tarped Trailer Bed Transporting Excavated Soil to Site 32

# **Chemical Cleanup – Soil Stockpile at Site 32**



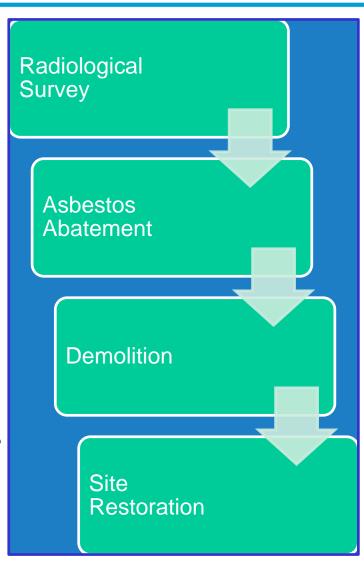


Site 32: Construction of Radiological Screening Yard (RSY) Pad

## **Chemical Cleanup – Building Demolitions**



- Building Demolition
  - -Buildings 1126, 1127, and 1217
  - –Prior to Building Demolition….
    - Radiological Survey of building materials
    - Asbestos Abatement
- Building perimeters fenced and secured
- Foundations to be removed
  - -Footprints will be backfilled and seeded
- Air and dust monitoring during all activities
- Demolition to begin in AprilComplete in May



# **Radiological Scanning Prior to Building Demolition**





Radiological Scanning of Building 1126



Radiological Scanning of Building 1126

## Radiological Cleanup



- North Point Solid Waste Disposal Area (SWDA)
- Continuation of previous excavation (2017) including:
  - -Creosote timbers
  - –Radiological Debris (former SWDA)
  - –Foils and Deck Markers containing Ra-226
- Excavating 4000 cubic yards
- Northern tip of North Point Drive will be excavated and repaved
- Soil will be transported to Site 32 for characterization
- Work will occur from April through July



Northpoint Solid Waste Disposal Area Excavation and Truck Route

## **Groundwater Monitoring**



- 13 groundwater monitoring wells at Gateview Avenue
- Total Petroleum Hydrocarbon (TPH) and Arsenic are contaminants of concern
- Last sampling event occurred in March, 2019
- Next sampling event in September
- No impact to drinking water on Treasure Island



Groundwater Monitoring Well Locations at Gateview Avenue

## **Underground Storage Tanks (USTs) Removal**



- Removal of Two Underground Storage Tanks
  - -Lot next to Building 225
    - (E of Site 20)
  - -Discovered in 2016 Remedial Action
  - -Tanks/piping will be removed
  - -Surrounding soil will be characterized and remediated
  - -Work Scheduled for May 2019







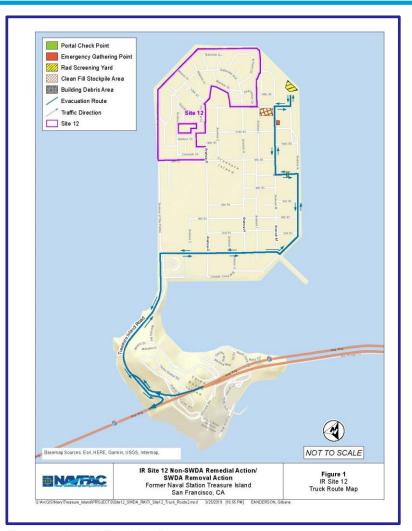
## **Truck Traffic Off Treasure Island**



- Project trucks/trailers will operate from
   8 am 5 pm Monday through Friday
- Project trucks will be covered by tarps and marked with a numbered green sticker
- Project trucks will pass through a radiological portal monitor prior to exiting site



Loaded, Tarped Trailer with ID sticker



Treasure Island Trucking Routes

# **Questions?**





## WORK BY TETRA TECH EC ON TREASURE ISLAND



The Navy understands the community concerns related to recent reporting about Tetra Tech EC work at Treasure Island. The Navy would like to reassure residents that **there is** no radiological health risk to those who live on, work on or visit Treasure Island.

### **FACTS**

- The radiological work Tetra Tech EC performed at Treasure Island between 2007-2008 and 2013-2016 was limited to:
  - -Buildings 343, 344 and 233
  - -Site 6 and Site 12
  - -Monitoring and Compliance Support
- Radiological work performed by Tetra Tech EC has been reviewed by the Navy.
- Navy supports the ongoing agency review of Tetra Tech EC projects and confirmation of project conclusions.

### Naval Station Treasure Island Environmental Cleanup Program Document Tracking Sheet March – August 2019

			DRAFT			RTC			FINAL							
				Agency Comments												
ltem	Document Title & Information	сто/ро	Draft to Agencies	3	Date Due	DTSC	WATER BOARD	TIDA/TICD	RAB	Preliminar RTCs to Agencies		Resolve ar Concur o RTCs		Final to Agencie	S	Comments
	Radiological Reports									12						
	Site 12 Free Release Tech Memo	4														
1	RPM: Chris Yantos	0014	09/20/18	~	12/05/18		Χ	~		TBD	TBD		TBD			
	CTR: APTIM							4	$\bot\!\!\!\!\bot$							
	Site 12 NTCRA Phase III FSS Report	0004	12/10/18	~	02/14/19				,			03/09/19		00/11/110		DTSC/CDPH
2	RPM: Chris Yantos						Х	~		02/23/19				03/16/19		Requested Extension to 04/15/19
	CTR: APTIM  Thorium Background Evaluation	╄		Н		Н		H	┝		Н					10 04/10/17
3	RPM: Louie Cardinale	-	04/15/19		05/16/19					05/25/19		06/08/19		06/17/19		
3	CTR: NOREAS									03/23/17						
	Site 12	!														
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4	RPM: Chris Yantos	0004	01/30/19	~	03/04/19	,	,	~		03/13/19		03/31/19		04/09/19		DTSC/CDPH Requested Extension
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5	RPM: Chris Yantos	9000	08/20/18	~	12/05/18	~	~	~		TBD		TBD		TBD		
	CTR: CE2 Kleinfelder															
	FS Addendum (SWDA, Radiological)	-	06/20/19		08/19/19					09/26/19		10/24/19		11/21/19		
6	RPM: Louie Cardinale															
	CTR: NOREAS									<u> </u>						
7	NTCRA Phase IV WP		04/19/19		05/22/19					07/00/10		07/27/19		08/24/19		
/	RPM: Chris Yantos CTR: Gilbane									06/29/19						
	Site 24	1												l .		
	LUC RD		I							1		ı				
8	RPM: Mukesh Mehta	1	03/15/19	~	04/15/19					04/29/19		05/13/19		05/20/19		
J	CTR: Parsons	1								04/2//1/		1 22, 10, 17		20, 20, 11		
	Site YF3	-														
	Baseline Ecological Risk Assessment (BERA)		11/01/17	*	01/05/18							12/13/18		03/15/19		
	RPM: Mukesh Mehta	0103				-	•	,	~	03/07/18	~		~		v	
	CTR: Battelle															
	Corrective Alternatives Evaluation	0103	04/22/19		05/23/19									07/14/19		
9	RPM: Mukesh Mehta									06/23/19		07/07/19				
	CTR: Battelle												上			
	Other Reports															
	2017 Basewide GW Monitoring Report	000	05/2/:		04/20					10.07		00 (07 :: -		00/25/25		
	RPM: Mukesh Mehta	8	05/16/18	~	06/18/18	~	~			10/17/18	~	02/07/18	~	02/15/18	~	
	CTR: NOREAS  2018 Site Management Plan															
	RPM: Dave Clark	0000	10/22/18	,	11/21/18	,	x	,		12/10/18	_	12/14/18	~	12/21/18	,	
	CTR: Adanta	00	10/22/10		11/21/10		^			12,10,10	Ý	12/14/10		12/21/10		
	Finding of Suitability to Transfer (FOST) 8	П	04/08/19		05/08/19						П	05/23/19		05/30/19		
10	RPM: Dave Clark	1								05/16/19						
		L														
	2019 Five-Year Review		05/18/19		06/15/19							08/14/19		09/14/19		
11	RPM: Dave Clark	1								07/15/19						
	CTR: Adanta	-					Ц		4							
12	UST 240 Closure Report	28												08/07/18	~	Awaiting Closure
	RPM: Mukesh Mehta	0058														Letter
	CTR: TriEco-Tt  2018 Basewide GW Monitoring Report	1		-		H	-	-	+	<u> </u>	-	<del>                                     </del>	-	<del>                                     </del>	-	
13	RPM: Mukesh Mehta	0000	04/26/19		05/24/19					05/31/19		06/07/19		06/14/19		
10	CTR: NOREAS	00	0 1/ 20/ 17		00/24/17					00,01,17		00,07,17		55,14,17		
		4		<b>L</b>			_	<u> </u>			<u> </u>	<u> </u>	<b>L</b>	<u> </u>	<u> </u>	

### **Naval Station Treasure Island Environmental Cleanup Program Document Tracking Sheet** March - August 2019

- Production or review of document is complete. Abbreviations:
- 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.

CDPH = California Department of Public Health CTO/DO = Contract task order/delivery order

CTR = Contractor

DTSC = Department of Toxic Substances Control

FS = Feasibility study

FSS = Final status survey

GW = Groundwater

LUC = Land use control

NA = Not applicable

NTCRA = Non-time critical removal action

PCSR = Post-construction summary report

PP = Proposed plan

RACR = Remedial action completion report

RAWP = Remedial action work plan

RD = Remedial design

ROD/RAP = Record of decision/remedial action plan

RPM = Remedial project manager

RURR = Radiological Unrestricted Release Recommendation

RTC = Response to comments

SAP = Sampling and analysis plan

SWDA = Solid w 6

TBD = To be  $de^{\cdot}0+52$ 

TCRA = Time-critical removal action

TICD = Treasure Island Community Developers

TIDA = Treasure Island Development Authority

TSP = Task specific plan

Water Board = Regional Water Quality Control Board

WP = Work plan

Last modified: 3/26/2019 Page 2 of 2

### Naval Station Treasure Island Navy Field Schedule March – August 2019

Item	Activity and Investigation Area	Field Dates	Navy RPM	Complete
	Site 12			
1	Remedial Action (Non-RAD, Non-SWDA)	Start: 09/17/18 Finish: 05/31/19	Leo Larson	
	Site 24			
	Remedial Action - Performance Monitoring (8th Quarterly/Annual)	Start: 12/10/18 Finish: 12/14/18	Mukesh Mehta	~
	Basewide Groundwater and Soil Gas Sampling			
2	Basewide Sampling - Performance Monitoring (1st Quarter)	Start: 03/18/19 Finish: 04/05/19	Mukesh Mehta	
3	Basewide Sampling - Performance Monitoring (2nd Quarter)	Start: 06/24/19 Finish: 06/28/19	Mukesh Mehta	

#### Abbreviations:

Field work is complete **RPM** Remedial project manager

TBD To be determined Yellow shading indicates field activities that will start or finish within the next 60 days.

Grey shading indicates field activities are complete.