

Naval Facilities Engineering Systems Command Southwest Base Realignment and Closure (BRAC) Program Management Office (PMO) West San Diego, California

FINAL
Restoration Advisory Board
Meeting Minutes, Meeting Number 207

Former Naval Station Treasure Island San Francisco, California

December 8, 2021

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Naval Facilities Engineering Systems Command Southwest Base Realignment and Closure (BRAC) Program Management Office (PMO) West San Diego, California

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Former Naval Station Treasure Island San Francisco, California

December 8, 2021

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Prepared for:



Department of the Navy Naval Facilities Engineering Systems Command Southwest BRAC PMO West 33000 Nixie Way, Building 50 San Diego, California 92147

Prepared by:



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#### **FINAL**

# MEETING MINUTES RESTORATION ADVISORY BOARD FORMER NAVAL STATION TREASURE ISLAND 8 DECEMBER 2021 Meeting Number 207

#### **Virtual Meeting Number 7**

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

Nathan Brennan, John Gee, Alice Pilram, Dale Smith

#### <u>Department of the Navy (Navy) and Regulatory Agency RAB Members in Attendance:</u>

Tahirih Linz, Navy Base Realignment and Closure (BRAC) Environmental Coordinator Celina Hernandez, San Francisco Bay Regional Water Quality Control Board (Water Board)

Peyton Ward, Department of Toxic Substances Control (DTSC)

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

Dave Clark, Navy Lead Remedial Project Manager

William Franklin, Navy

Janet Lear, Navy

Patricia McFadden, Navy

Brandon Mills, Navy

Lynne Baumgras, DTSC

Russ Edmondson, DTSC

Asha Setty, DTSC

Barbara Zumwalt, DTSC

Marsha Maloof, Maloof & Associates (facilitator)

Geoff Mordock, Fleishman Hillard

Bob Beck, Treasure Island Development Authority (TIDA)

Grace Stafford, Langan

Rick Wice, Battelle

Megan Kranz, Trevet-Bay West Joint Venture (Trevet-Bay West)

Maddison Laeber, Trevet-Bay West

#### Public Guests in Attendance:

Monica Barnett, San Francisco Board of Supervisors, District 6 Tom Gandesbery, California State Coastal Conservancy

Carol Harvey, journalist

James Pepper, community member

#### Welcome Remarks and Agenda Review

Marsha Maloof (facilitator) opened the December 2021 RAB meeting for Former Naval Station Treasure Island (NAVSTA TI), held virtually because of COVID-19 restrictions, by initiating introductions and reviewing the agenda (Attachment A).

Dave Clark (Navy) announced that former RAB member Becky Hogue passed away. A moment of silence was observed in her honor.

### New Business—Environmental Program 2021 Look Back/2022 Look Ahead

Mr. Clark began the presentation by explaining that 2022 marks 25 years since the base was closed and 36 years since the Defense Environmental Restoration Program was established. The Treasure Island Naval Base was listed for closure in 1993 and the RAB was formally established the following year. Since closure, most of the property has been transferred, with only 129 acres remaining, primarily consisting of the Site 12 housing area.

The Non-Time Critical Removal Action (NTCRA) Phase IV Westside Solid Waste Disposal Area (SWDA) Work Plan and Areas of Interest Investigation Work Plan when final in March and May 2021, respectively.

The 2019 Basewide Monitoring Report was completed in May 2021. The Per- and Polyfluoroalkyl Substances (PFAS) Preliminary Assessment was completed in July 2021. The Navy plans to finalize three documents by the end of December 2021: Site 6 PFAS work plan, 2020 Basewide Monitoring Plan, and Site Management Plan.

Investigations dating back to 2014 have identified radiological areas of interest within Site 12 where a radiological object may have remained underground. Following investigation into seven of the areas, a low-level radiological object was located under the foundation of Building 1229. The building is vacant and was never leased to TIDA for occupancy and there was no previous cleanup at the location. The approximately one-inch diameter object could not be identified as a recognizable item. A cubic foot of material was removed from the surrounding area, which was then certified as clean and backfilled.

Phase IV of the NTCRA focused on removing existing stockpiles and former radiological screening pads left from Phase III fieldwork. Fieldwork to screen remaining stockpiles and former radiological screening pads and to remove munitions of explosive concern (MEC) and radiological items began on March 8, 2021. To date, 26 MEC and 77 munitions documented as safe were recovered during the Phase IV NTCRA fieldwork. Mr. Clark hopes to complete screening in January 2022 and restore the site by summer.

The basewide monitoring program evaluates sites as part of ongoing monitoring for a remedy or to help plan for a future remedy by quarterly collection of groundwater and soil gas data. Routine well protection maintenance and improvements also occurred, such as the installation of bollards next to wells to mark their locations and to prevent

them from being covered or damaged. The Navy maintains several fences throughout Site 12. Both the structural integrity and the privacy screen of the fencing are constantly being repaired. The fences are frequently damaged by the wind and saltwater and the Navy is looking for ways to improve the fences or replace them with something more resistant to the elements.

Mr. Clark discussed the 2022 Look Ahead and the documents expected to be finalized throughout the year. The Site 32 Final Status Survey Work Plan is scheduled to be issued as final in March 2022. The basewide PFAS site investigation will also be completed in 2022, as well as the YF3 data gaps evaluation work plan, which is scheduled for completion in September 2022. Additional data collected from new and existing data points will be used in the site investigation document to move the Site 6 PFAS evaluation through to the remedial investigation phase of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) process. Mr. Clark explained that several other documents are expected to be finalized in 2022, including work plans, a five-year review addendum, a summary report for past fieldwork, reports modifying records of decision, and technical memorandums.

Fiscal year 2021 ended on September 30 and the Navy's total program expenditures are close to the \$300 million mark. Approximately \$6 million in NAVSTA TI program costs are planned for fiscal year 2022, although that could change. The cost to complete is currently at \$10 million, not including the cost for Site 12, which is dependent on any remaining subsurface radiological objects or additional chemical remediation in the SWDAs, should the Navy choose to address them. Costs also do not include PFAS contamination at Site 6, which will be added as the areas of interest move through the CERCLA process. Over the last 35 years, the Navy has closed approximately 380 sites at an average cost of less than \$1 million per site.

With Mr. Clark's presentation concluded, Ms. Maloof asked for questions from the RAB.

Dale Smith (RAB member) said that the California Department of Public Health (CDPH) found radiological contamination in four areas at Site 12 and asked for clarification of whether there were four or seven areas. Mr. Clark said that the Navy performed excavations at areas of interest identified by CDPH surveys. Gamma readings in some excavations triggered additional investigations. The Navy returned to some of the other areas following the CDPH investigations, although some were previously remediated during other stages of fieldwork.

Ms. Smith asked if the disposal site at the end of the runway was investigated for petroleum hydrocarbons or any other contaminants from planes taking off. Mr. Clark said that most of the runway was either removed or built over when the Navy took over the island in the 1940s. The runway was only in use for a short time before Navy ownership. No specific evaluation of the runway has been performed because it was a pre-Navy item. Although areas coincidental with the runway would have been investigated as part of other projects.

Ms. Smith asked if the image of one of the MEC items located during the SWDA Westside munitions screening was a fuze. Mr. Clark said it was an Mk 18 mechanical

time fuze, which goes on top of a munition. Ms. Smith asked how the items are removed and whether they pose any potential environmental hazards. Patricia McFadden (Navy) explained that items are categorized as either materials documented as safe, MEC, or undetermined. In the case of undetermined items, they are treated like MEC items.

Ms. Smith asked if new fencing has been installed. Mr. Clark said the Navy inspects the fences during quarterly inspections and makes improvements as needed. In addition to inspections, the Navy will be evaluating enhancements to make fencing more durable in 2022.

Ms. Smith asked if there are currently any PFAS remediation guidelines. Mr. Clark said that the Navy has not established any risk-based numerical cleanup goals. They are currently collecting data and comparing concentrations in soil and groundwater against screening goals.

Alice Pilram (RAB co-chair) asked if jet fuel was ever used on the island. Mr. Clark said that Treasure Island was not a fuel storage facility and was unlikely to have ever housed jet fuel. Training on how to extinguish jet fuel fires may have been conducted on the island, but there was no significant storage of jet fuel.

Carol Harvey (journalist) asked if there is a document that shows the runway in the deep debris area. Mr. Clark said that there are pictures in the Historical Radiological Assessment Supplemental Technical Memorandum showing the piles at the end of the runway in the 1940s.

Ms. Harvey asked why there were holes in the grass with "CDPH" spray painted next to them near Buildings 1303 and 1306 during the summer of 2021. Mr. Clark said he did not know, but CDPH provided oversight for a project at Site 12 in June 2021. Tahirih Linz (Navy) said that the "CDPH" sprayed painted letters were likely there to identify locations for sample collection.

Ms. Harvey asked if there were ever underground storage tanks (UST) in SWDA Westside for servicing planes. Mr. Clark said that he did not have any drawings that show fuel storage or stations as part of the airport design in that area.

Ms. Harvey asked if the USTs for automobile fuel were located near the arsenic plume area on Gateview Avenue. Mr. Clark said that an 1939 exposition fuel station appears to be in that general location, but the Navy has never been able to verify the location of the tanks, which are assumed to have been removed years ago.

James Pepper (community member) expressed his concern that residents are located within the range of safe distances from munitions and that when materials are moved through the streets, the range decreases. He added that the Nuclear Regulatory Commission removed the Navy's license for Treasure Island in 1985 due to the radiation safety officer's incompetence.

#### New Business—Q&A Open Forum Regarding Munitions Fact Sheet

Ms. McFadden introduced herself to the RAB and asked for questions regarding the munitions fact sheet.

Ms. Smith asked if the bunkers in fact sheet photographs are of radiological concern or were investigated. Ms. McFadden said that the bunkers would have been used for the storage of active munitions comprised of items that were likely to be boxed with little potential for contamination inside of the bunkers. The bunkers are unable to be sampled because they were removed prior to the development of the housing area, but the surrounding areas were sampled repeatedly over the past 20 years.

Ms. Smith said that the Navy has cited the discovery of 300 MEC items to date, but the RAB received information about 1,500 pieces of material found at the site. She asked if the additional pieces of material were also munitions. Mr. Clark said that the 1,500 pieces of material Ms. Smith is referring to are radiological objects not MEC items.

Ms. Smith asked why the Navy spells fuze with a "z" rather than an "s." Ms. McFadden said that "fuze" is used for munitions while "fuse" is used for electrical systems.

Ms. Smith asked if the munitions were moved and consolidated or detonated individually, and whether the ground was cleaned up after the munitions were detonated. Ms. McFadden explained that when an item is found that is determined to be a material potentially presenting an explosive hazard, the item is fully inspected. If the item can be determined to be entirely free of explosives, it is documented as safe and processed through a special recycler. If the item is not determined to be safe, it is treated as a MEC item and detonated on site. A small donor charge is used to set off any explosives remaining in the munition in a safe manner. The area is cleaned up following the detonation and a full inspection of the area and materials is conducted.

Ms. Harvey asked why MKII hand grenades and Japanese mortars are present at Treasure Island. Ms. McFadden said that the mortars were likely souvenirs brought back to Treasure Island by sailors. The hand grenades were unused items left over from wartime that were discarded.

Ms. Harvey asked if it was true that storage tanks within the SWDA were moved around to protect people. Ms. McFadden said that the storage containers are an added safety measure because of the proximity of some residences. The containers can be moved as an additional precaution depending on where the work is being done.

#### New Business—BRAC Cleanup Team Update

Peyton Ward (DTSC) reviewed work she conducted since the previous RAB meeting. She made several visits to Treasure Island to oversee fieldwork and the installation of new soil gas probes at Site 24, and to perform a site walk, verify well protection measures at Site 24, and perform a well inventory and perimeter walk at SWDA Westside. She will also be visiting Treasure Island later in December 2021 to oversee work at SWDA Westside.

Ms. Ward has attended monthly BRAC Cleanup Team and Site 12 radiological technical working group meetings.

Ms. Ward recently reviewed the Site 32 Final Status Survey Work Plan and plans to have comments out in the next week. She recently received the 1400 Series Site Investigation Report and the Site 12 Non-SWDA Interim Chemical Remedial Action Completion Report, which both have comment deadlines in February 2022. She is working on her final comments on the 2021 Annual Basewide Groundwater and Soil Gas Monitoring Plan and the 2020 Basewide Groundwater and Soil Gas Monitoring Report. She has worked with the Water Board and Navy on revisions to the Site 6 PFAS Remedial Investigation Work Plan, which will be finalized in January 2022. She provided comments on the Site 12 SWDA NTCRA Addendum Post-Construction Summary Report in October and will receive the draft final copy and the Navy's responses shortly. She hopes to resolve the 2021 Five-Year Review Addendum by the end of the year or shortly thereafter. She reviewed and provided comments on the 2021 Site Management Plan in October and will receive responses to comments in a draft final or final copy by the end of the year.

Celina Hernandez (Water Board) said that she attended the monthly meetings with Ms. Ward and reviewed many of the same documents. She reviewed the 2021 Site Management Plan and is waiting on responses to comments from the Navy. She is working on her comments for the 2021 Annual Basewide Groundwater and Soil Gas Monitoring Plan, 2020 Basewide Groundwater and Soil Gas Monitoring Report, and Site 6 PFAS Remedial Investigation Work Plan. She added that Katrina Kaiser (Water Board) has uploaded some reports from Treasure Island Community Development's stormwater garden project to the GeoTracker website.

#### Old Business—Community Comments

Ms. Harvey asked if the privacy screens along the eastern side of the Westside Drive SWDA were replaced by wood paneling or any other covering. Mr. Clark said that there is a chain link fence around the perimeter and a wooden fence inside of it on the eastern side.

Ms. Smith said that the Environmental Cleanup Program Document Tracking Sheet (DTS) lists the 1400 Housing Radiological Site Investigation Report as due on February 14, 2022, but the document in her possession has the date listed as February 6, 2022. Mr. Clark said that the DTS is dynamic and may have changed since she received her copy.

Ms. Harvey asked if any unexploded ordnance or radiological objects were found free floating in the soil outside of the B-25 boxes in SWDA Westside. Ms. McFadden said that the B-25 boxes were filled with debris from a deep area in SWDA Westside. Some items were dug up in areas where elevated levels were detected by radiological scanning and were placed into the B-25 boxes.

#### Old Business—RAB Meeting Minutes Approval Meeting No. 206

Ms. Linz asked for comments on the August 2021 RAB meeting minutes.

John Gee (RAB member) stated that "DOD" in the second sentence on page 3 should be changed to "DoD."

Ms. Smith said that on page 3, third sentence from the bottom, the sentence "They are not currently at this stage but will evaluate further as they move forward" is unclear in what it is referring to. Ms. Linz said that she will review the meeting minutes and transcript to clarify the sentence. The minutes will not be finalized until this edit is made.

#### Action Items from August 2021 RAB Meeting

Ms. Smith requested that the Navy distribute the DTS and final RAB meeting minutes in the RAB packet. These items were included in the packet for this meeting and will be included in future meeting packets.

Ms. Harvey emailed questions to Ms. Linz following the August RAB meeting. Ms. Linz responded to the email but did not forward her answers to the RAB. She will forward her email responses to the other RAB members before the next meeting.

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

Ms. Pilram asked if there will be a RAB chat before the February 8, 2022 RAB meeting. She suggested holding it on the last Tuesday of January 2022. Ms. Linz and the RAB agreed to scheduling the meeting at 7:00 p.m. on January 25, 2022.

#### Adjournment

The meeting was adjourned at 8:55 p.m.

#### **Action Items**

Ms. Linz will forward her email addressing Ms. Harvey's questions to the RAB.

## 8 December 2021 RAB Meeting Handouts [attached when minutes are finalized]

Attachment A: NAVSTA TI RAB Meeting No. 207 Agenda

Attachment B: 2021 Look Back/2022 Look Ahead

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### Attachment A. NAVSTA TI RAB Meeting No. 207 Agenda

Former Naval	Station Treasure Islan	٦d
San Francisco	. California	

Agenda

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#### San Francisco, California ENVIRONMENTAL RESTORATION ADVISORY BOARD MEETING AGENDA

#### FORMER NAVAL STATION TREASURE ISLAND

Wednesday, 8 December 2021

Join by computer Download the Microsoft Teams App to your desktop, phone, or tablet and use Meeting Link:

https://tinyurl.com/TI-RAB-DEC-2021

Join by telephone Toll Free: 1-833-258-6146, Enter the meeting ID: 751 848 772#

For Technical Help, use link below or call: 415-712-2311

https://support.microsoft.com/en-us/office/meetings-in-teams-e0b0ae21-53ee-4462-a50d-ca9b9e217b67

#### **MEETING NO. 207**

#### I. WELCOME REMARKS AND AGENDA REVIEW

7:00 – 7:05 Welcome, Introductions

Marsha Maloof, Meeting Facilitator

7:05 – 7:15 Acknowledgement of RAB Member Becky Hogue and a Moment of Silence

Dave Clark, Navy Lead Remedial Project Manager

7:15 – 7:20 Meeting Guidelines and Agenda Review

Marsha Maloof, Meeting Facilitator Alice Pilram, Community Co-Chair

#### II. NEW BUSINESS

7:20 – 7:50 Environmental Program 2021 Look Back/ 2022 Look Ahead

Dave Clark, Navy Lead Remedial Project Manager

Q&A: RAB

Q&A: Community

7:50 – 8:05 Q&A Open Forum Regarding Munitions Fact Sheet

Patricia McFadden, Navy

Q&A: RAB

Q&A: Community

8:05 -8:15 Break

8:15 – 8:25 BRAC Cleanup Team Update

Peyton Ward, Department of Toxic Substances Control

Celina Hernandez, Regional Water Board

#### III. OLD BUSINESS

8:25 – 8:40 Community Comments

Marsha Maloof, Meeting Facilitator

Q&A: RAB

Q&A: Community

8:40 – 8:45 RAB Meeting Minutes Approval Meeting No. 206

Tahirih Linz, Navy Co-Chair

8:45 - 8:50 Action Items from August 2021 RAB Meeting

Tahirih Linz, Navy Co-Chair

8:50 - 8:55 Co-Chair Announcements and Future Agenda Items

Alice Pilram, Community Co-Chair and Tahirih Linz, Navy Co-Chair

9:00 Adjourn

The Next RAB Meeting will be held 8 February 2022 at 7:00 P.M.

Former Naval	Station Treasur	e Island
San Francisco	, California	

Agenda

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## Attachment B. 2021 Look Back/2022 Look Ahead

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## 2021 Look Back / 2022 Look Ahead Environmental Cleanup Program

**Naval Station Treasure Island Restoration Advisory Board Meeting** 

**Dave Clark, Lead Remedial Project Manager** 

12/8/2021

### **Tonight's Presentation Topics**





- Property Transfer Progress
- 2021 Look Back
- 2022 Look Ahead
- Funding Update

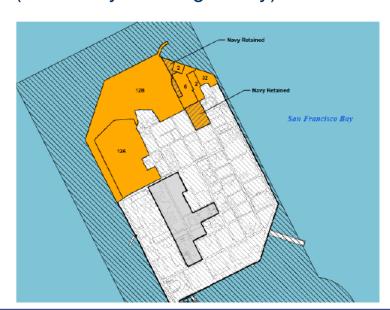
### **Property Transfer Progress**



- 1993: Closure officially established by Base Realignment and Closure Act of 1990
- 1994: RAB established
- 1997: September 30 (end of fiscal year) operational closure of TI
- Total acres at TI = approximately 1,077
- Approximately 948 acres have been transferred
- 129 acres remaining to be transferred to Treasure Island Development Authority (TIDA)
- Most recent transfer: 20 acres Site 24 (former dry cleaning facility) to TIDA in 2019

Parcels 2A, 2B, 6, 12A, 12B, 32 &
Navy Retained Sites - FY26 estimated
conveyance \*

TIDA Owned Submerged Lands
TIDA Owned Lands
Government Property
(Job Corps, USCG, Caltrans)



### **2021 Look Back Overview**

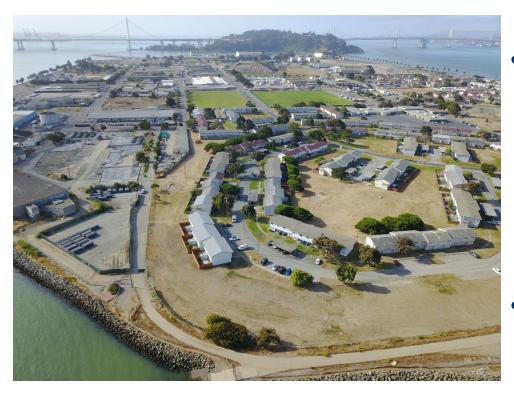


- Final Documents Completed
- Fieldwork Conducted
  - –Areas of Radiological Interest
  - –Phase IV Westside Solid Waste Disposal Area (SWDA)
  - Basewide MonitoringProgram (BWMP)



### Final Documents Completed – Site 12 Housing Area





**Site 12 Housing Area Aerial View** 

- Non-Time Critical
   Removal Action (NTCRA)
   Phase IV Westside
   SWDA Work Plan
   (March 2021)
- Areas of Potential Radiological Interest Investigation Work Plan (May 2021)

### **Final Documents Completed – Other Sites**



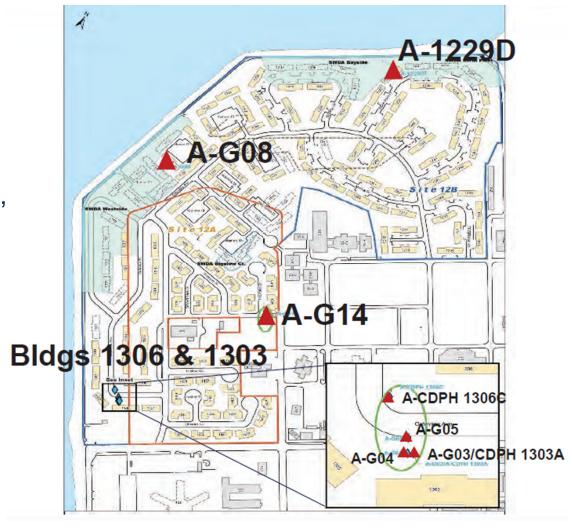
- •2019 Basewide Monitoring Report (May 2021)
- Basewide PFAS Preliminary Assessment (July 2021)
- •2021 BWMP Work Plan (December 2021)
- •2020 Five-Year Review Addendum (December 2021)
- •Site 6 PFAS RI Work Plan (December 2021)
- •2020 BWMP Report (November 2021)
- •2021 Site Management Plan (December 2021)



# Areas of Radiological Interest Investigation Fieldwork Conducted



- Investigated seven (7)
   previously identified
   radiological anomalies by
   excavating June 7-18, 2021
- Only one of seven locations, presented a low-level radiological object (LLRO)
- This LLRO was under the foundation of Bldg 1229. A vacant building which was never leased to TIDA for occupancy



# **Areas of Radiological Interest Investigation Fieldwork Conducted (Cont'd)**





A-1229D Excavation LLRO – Clump of Sandy Material

#### A-1229D Excavation

- No previous excavation was performed at this location
- –Sawed through approximately 4 inches of concrete
- A LLRO was found approximately 2 inches below concrete
- The LLRO was a 1 inch diameter clump of sandy material
- Removed one cubic foot of material around and below LLRO location
- No additional elevated counts were recorded following the removal

### **SWDA Westside Phase IV NTCRA Fieldwork Ongoing**



- SWDA Westside Phase IV NTCRA Objectives:
- Remove existing Phase III soil stockpiles and former radiological screening pads
  - Munitions of explosive concern (MEC) and radiological screen as needed
- Restore SWDA westside to preexisting ground surface
  - –Clear and remove vegetation
  - Remove trash and miscellaneous debris
- Mobilized to site on March 8, 2021
- Projected to finish MEC screening by end of 2021
- Site restoration by Summer 2022



### **SWDA Westside Munitions Screening Ongoing**



- Material Documented as Safe (MDAS): A munitions item that has been assessed and documented as not presenting an explosive hazard and for which the chain of custody has been established and maintained. This material is not an explosive hazard.
- Munitions and Explosives of Concern (MEC): A classification that includes those military munitions that may pose an explosive safety risk.



**Munitions Screening at SWDA Westside** 

### **SWDA Westside Munitions Screening Ongoing**





- 26 MEC and 77 MDAS items recovered to date during the Phase IV NTCRA fieldwork
  - –Cartridge cases
  - –Projectiles
  - -MK II Hand Grenades

**Projectile Fuze (MEC)** 

### **SWDA Westside Munitions Screening Ongoing**





Top two items 20mm cartridge cases Bottom item 20 mm projectile (MDAS)



Metallic debris encountered in stockpiles

### Wide Range of Items Found from the SWDAs!





Flashlight.

### **Basewide Monitoring Program (BWMP)**



- Conducted basewide groundwater and soil gas monitoring in March, June,
   September, and December 2021
- Expansion of the soil gas network at Site 24 to realign institutional controls related to occupancy and indoor air safety requirements

Sampling at site 12



cleaning sample equipment



### **BWMP Well Protection**







Before and after the bollard installation on Ave M





Typical bollard installation, embedded about 2' and filled with cement

### **Fence Maintenance**





Halyburton / Bigelow Ct. (Site 12): View of loose privacy screen along the southeast boundary of the site. View to N.



SWDA
Westside Site
12:
View of fence
post detached
from fence
mesh. View to
E.



Halyburton / Bigelow Ct. (Site 12: Privacy screen re-attached to fence mesh. View to N.



SWDA
Westside Site
12:
Fence post reattached to fence mesh.
View to E.

### 2022 Look Ahead





### **2022 Work Plans**

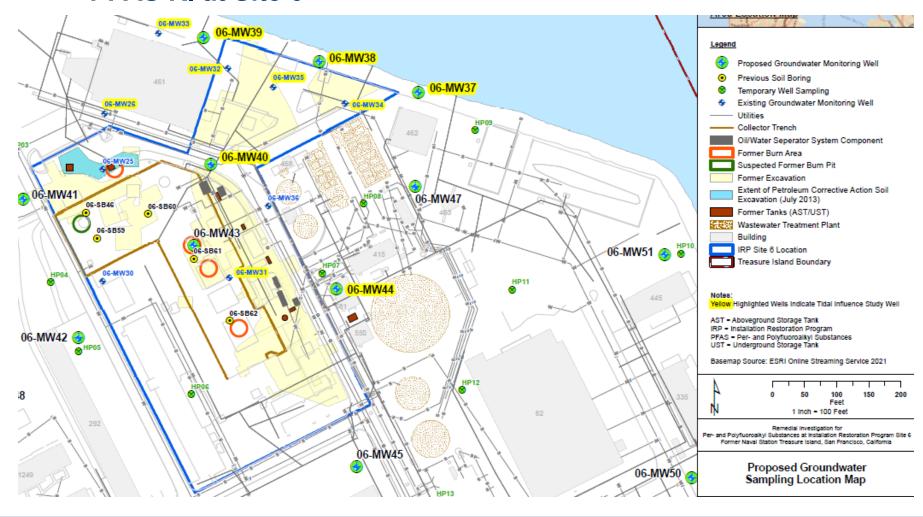


- Site 32 Final Status Survey (March 2022)
- Basewide PFAS SI (June 2022)
- YF3 Data Gap Evaluation (September 2022)

### 2022 Planned Field Work Site 6 – Spring 2022

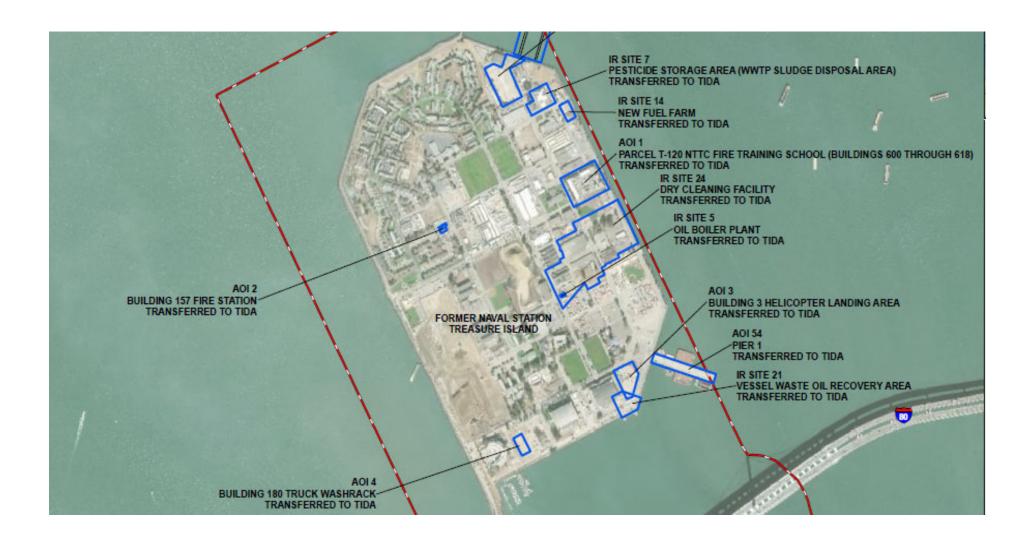


#### PFAS RI at Site 6



### 2022 Planned Field Work PFAS Site Investigation - June





### 2022 Final Reports (Projected)



- NTCRA Post Construction Summary Report Phase III Addendum (February 2022)
- 1400 Housing Radiological Site Investigation Report (May 2022)
- Interim Remedial Action (RA) Completion Report for Chemical RA (June 2022)
- UST 248A-D Closure Report (July 2022)
- 2021 BWMP Report (August 2022)
- Explanation of Significant Difference for the Records of Decision for Sites 6, 12, and 24 (August 2022)
- Site 12 RAD/ MEC Conceptual Site Model Technical Memorandum (August 2022)
- Site 6 PFAS Remedial Investigation Report (November 2022)
- Areas of Potential Radiological Interest Investigation Tech Memo (December 2022)

### **Treasure Island Environmental Funding**



- Expenditures through FY21: \$299.3M
- FY22 Budget: \$6M
- Cost-to-Complete (FY23+): \$9.7M
- Cost to complete does not include costs for:
  - o Site 12
    - Additional removal of any remaining subsurface radiological objects
    - Additional chemical remediation, including SWDAs
  - Site 6 remediation due to PFAS contamination
  - New sites identified in the Basewide PFAS Preliminary Assessment (PA)

### **Questions?**





Southeast corner of TI during WWII – Legacy Exposition buildings and newer medical buildings.

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