



**Naval Facilities Engineering Systems Command Southwest
Base Realignment and Closure
Program Management Office West
San Diego, California**

**FINAL
Restoration Advisory Board
Meeting Minutes, Meeting Number 211**

Former Naval Station Treasure Island
San Francisco, California

November 1, 2022

Approved for public release: distribution is unlimited



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**FINAL
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Meeting Minutes, Meeting Number 211**

Former Naval Station Treasure Island
San Francisco, California

November 1, 2022

DCN: TRBW-0202-4856-0112

Prepared for:



**Department of the Navy
Naval Facilities Engineering Systems Command Southwest
BRAC PMO West
33000 Nixie Way, Building 50
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Prepared by:



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Contract Number: N62473-18-D-0202; Task Order No. N6247320F4856

**FINAL
MEETING MINUTES
RESTORATION ADVISORY BOARD
FORMER NAVAL STATION TREASURE ISLAND
1 November 2022
Meeting Number 211
Virtual Meeting Number 11**

Community Restoration Advisory Board (RAB) Members in attendance:

Alice Pilram, Nathan Brennan, Dale Smith, John Gee

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

Celina Hernandez, San Francisco Bay Regional Water Quality Control Board (Water Board)

Nina Bacey, Department of Toxic Substances Control (DTSC)

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

Dave Clark, Navy Lead Remedial Project Manager

Nick Alvaro, Navy

Janet Lear, Navy

Erica Spinelli, Navy

Marsha Maloof, Maloof & Associates, meeting facilitator

Bob Beck, Treasure Island Development Authority (TIDA)

Christine Niccoli, Court Reporter

Geoff Mordock, FleishmanHillard

Rick Wice, Battelle

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

Maddison Laeber, Trevet-Bay West

Welcome Remarks and Agenda Review

Marsha Maloof (facilitator) opened the November 2022 RAB meeting for Former Naval Station (NAVSTA) Treasure Island (TI), held virtually because of COVID-19 restrictions. Introductions were initiated and the agenda was reviewed (Attachment A).

Ms. Maloof announced that former BRAC Environmental Coordinator Tahirih Linz left the Navy. The Navy is currently looking for someone to fill her position.

New Business—2022 Look Back / 2023 Look Ahead

Dave Clark (Navy) introduced the 2022 Look Back / 2023 Look Ahead presentation (Attachment B).

Mr. Clark began his presentation by giving an overview of the TI timeline and property transfer. In 1993, closure was officially established by the Base Realignment and Closure Act of 1990. The RAB was established in 1994, and on September 30, 1997, operational

closure occurred. As of 2022, 948 of TI's approximately 1077 acres have been transferred. The remaining 129 acres are to be transferred to TIDA. The most recent transfer was 20 acres at Site 24, the former dry-cleaning facility, to TIDA in 2019.

Fieldwork taking place in 2022 was separated into two categories: work at Site 12 and work associated with per- and polyfluoroalkyl substances (PFAS). This will continue to be the case in 2023, in addition to evaluating other open sites in the basewide monitoring program. Phase IV of the non-time critical removal action (NTCRA) at Westside Drive which began in 2007, was completed in 2022. Data collection was performed in support of the Site 6 PFAS remedial investigation (RI) and basewide PFAS site inspection (SI), and during the basewide monitoring program (BWMP).

Mr. Clark listed the documents finalized in 2022. The 2021 BWMP work plan was completed in January. An addendum to the 2020 five-year review was finalized in February and the Site 6 PFAS RI work plan in support of data collection fieldwork was finalized in April. The NTCRA Post-Construction Summary Report Phase III Addendum for North Point was finalized in May and the basewide PFAS SI work plan was finalized in June.

Mr. Clark elaborated on the phase IV NTCRA fieldwork. Following completion of phase III, a new contractor was obtained, and a new work plan was written. Fieldwork began on March 8, 2021. Work included scanning stockpiles for munitions and discrete low level radiological objects; backfilling; grading and hydroseeding the site; and upgrading fencing. Demobilization occurred in July 2022. He explained that results from the fieldwork allowed the Navy to update the conceptual site model (CSM), allowing the second feasibility study addendum to be re-initiated, which will take 12 to 24 months to complete.

Within the approximately 3600 yards of soil excavated from the Solid Waste Disposal Area (SWDA) on Westside Drive, 17,000 pounds of metal from the end of World War II were identified.

Hydroseed mix was applied to the surface soil following compaction and grading, which aided in dust mitigation. Watering will be delayed until the rainy season triggers seed germination, rather than being conducted at the height of summer season. The seeds will then be watered occasionally for a few weeks until they are able to survive on their own.

Repairs to fencing involved removing and mending or replacing fabric as necessary. Weather-resistant fencing was placed along the Perimeter Road path, to withstand the strong salt air winds hitting fencing in that location.

Mr. Clark reviewed basewide monitoring progress throughout the year. Basewide monitoring comprises sites with ongoing monitoring, which generally tracks subsurface conditions at the sites and monitors implemented remedies. The information gathered is used to review and optimize remedies or to support their evaluation during the five-year review process. Work on the 2025 five-year review will begin in late 2023.

The basewide monitoring program includes quarterly monitoring. The 10 wells at Site 6 are monitored for arsenic and residual petroleum. Wells around Gateview Avenue at Site 12 are monitored for metals, arsenic in groundwater, and total petroleum hydrocarbons.

The 5 soil gas wells at Site 21 are monitored for chlorinated solvents. Soil gas and groundwater wells at Site 24 are monitored for chlorinated solvents associated with the former dry-cleaning facility.

In addition to monitoring at the open sites, various areas of interest (AOI) are monitored for PFAS as part of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) site investigation process that resulted from the preliminary assessment for basewide PFAS. A 2023 presentation will provide the results of this sampling to the RAB.

Mr. Clark began the 2023 look ahead portion of his presentation by reviewing the documents scheduled for completion at the end of 2022 and throughout 2023. The Interim Remedial Action Completion Report (IRACR) for Chemical Remedial Action at Site 12, the 2021 BWMP annual report, 1400 Series SI report, CSM update report, and Record of Decision-Explanations of Significant Difference for Sites 6, 12, and 24 are all scheduled for completion by the end of 2022. The basewide monitoring work plan will be finalized in March 2023 and the PCSR Phase IV report for Site 12 SWDA Westside will be completed in May. The PFAS RI report for Site 6 and the PFAS SI report are scheduled for completion in June and July, respectively. The 2022 BWMP annual report will be finalized in November, and the Revised Land Use Control Remedial Design for Sites 6, 12, and 24 will be finalized at a yet-to-be-determined date in 2023.

Mr. Clark explained that the Navy intends in 2023 to address whether PFAS is interacting with groundwater in the bay. A background concentration evaluation in sediment, pore water, and surface water will be performed to identify ambient concentrations and a watershed contamination source document will be reviewed to identify other potential PFAS sources to the bay. Additionally, basewide groundwater and soil gas monitoring, and general site maintenance will continue.

By the end of fiscal year 2022 (FY22), which ended in September, the Navy spent \$305.6 million, most of which went toward expenditures at Site 12. The budget for FY23 is \$6 million, which will go toward Site 12, ongoing monitoring, and other objectives. The cost-to complete, which does not include costs for additional PFAS investigation and cleanup as needed or Site 12 remedies for radiological or landfill areas, is yet to be determined.

Mr. Clark opened the floor to questions from the RAB.

Dale Smith (RAB member) asked if YF3 is included in the TI environmental cleanup process. Mr. Clark responded that YF3 was not included in the presentation because no final YF3 document will be issued. However, to address Ms. Smith's question, a data gaps investigation will be performed to refine the nature and extent of contamination in some fringe areas of YF3 laterally and vertically. An investigation work plan will be written in 2023 or at a later date.

Ms. Smith said that she is not comfortable with the implication that Sites 6 and 12 are "low risk." Mr. Clark said that the Navy does not generally use the terms "low risk" or "high risk" to refer to sites and thus would not use "low risk" to describe Sites 6 and 12.

Ms. Smith asked if the RAB would have a chance to review upcoming documents in their draft form. Mr. Clark said that the RAB will be provided with the draft documents to review.

John Gee (RAB member) asked what threshold PFAS concentrations must reach for the Navy to initiate cleanup activities. Mr. Clark said that this depends on several factors. The Navy has criteria that were developed with the regulatory agencies to help determine if an AOI will go forward in the CERCLA process to an RI. Depending on the location of the site, enough data must also be collected to determine if there is a contaminant source.

New Business—BRAC Cleanup Team (BCT) Update

Celina Hernandez (Water Board) explained that the Water Board previously had two caseworkers for TI. She worked on TI and Katrina Kaiser worked on Yerba Buena Island (YBI). Ms. Hernandez announced that Ms. Kaiser left the Water Board in September, and she took over work at YBI in addition to her work on TI.

Ms. Hernandez stated that she attended the BCT meetings and the PFAS and Site 12 working group meetings.

Ms. Hernandez said that she and DTSC reviewed and submitted comments on the draft 2021 BWMP annual report in September. The Water Board and DTSC also received responses to comments from the Navy in mid-October on the Draft Site 12 CSM. She submitted minor comments to the Navy on October 31 in response to the Navy's responses to comments.

Ms. Hernandez received the draft 2023 site management plan, which outlines activities at TI for the upcoming year. She will submit her comments to the Navy on November 18. She received the Draft Underground Storage Tank and Aboveground Storage Tank 248 Closure Report and will provide her comments to the Navy by November 30. Ms. Hernandez expects to receive the Final Site 12 IRACR soon.

Ms. Hernandez visited TI with the Navy on September 14 to revisit some of the AOIs from the PFAS SI investigation. She said that Peyton Ward (DTSC) visited TI for the same reason on a different day. On October 20, Ms. Hernandez and Ms. Ward visited the area north of Building 1 to observe ongoing geotechnical improvements.

Old Business—Community Comments

There were no community comments.

Old Business—RAB Meeting Minutes Approval Meeting No. 210

Ms. Maloof asked for comments on the August 2022 RAB meeting minutes.

Mr. Gee said that in the first sentence on page 3, "within which" should be changed to "where." Additionally, on page 4 in the BCT update, "Peyton Ward (DTSC) visited" should be changed to "Peyton Ward (DTSC) said she visited," and "Ms. Ward attended" should be "Ms. Ward said she attended."

Ms. Smith moved that the minutes be accepted as amended. Alice Pilram (RAB Co-Chair) seconded the motion. The May 2022 meeting minutes were approved.

Action Items from August 2022 RAB Meeting

There were no action items from the August 2022 RAB meeting.

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

Mr. Clark announced that the next RAB meeting will be held in February 2023. He requested presentation topic suggestions from the RAB.

Ms. Smith requested an update on sampling at Sites 6 and 12. She also suggested a presentation regarding guidelines for PFAS

Adjournment

The meeting adjourned at 8:29 p.m.

1 November 2022 RAB Meeting Handouts

- Attachment A: NAVSTA TI RAB Meeting No. 211 Agenda
- Attachment B: 2022 Look Back / 2023 Look Ahead Presentation

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Attachment A. NAVSTA TI RAB Meeting No. 211 Agenda

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ENVIRONMENTAL RESTORATION ADVISORY BOARD MEETING AGENDA

FORMER NAVAL STATION TREASURE ISLAND

Tuesday, 1 November 2022

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

[Click here to join the meeting](#)

Meeting ID: 240 661 568 333

Password: k7S2EA

Or Click or Type in: <https://tinyurl.com/TI-RAB-NOV-2022>

Join by telephone Toll Free: 1-833-258-6146, Enter the meeting ID: 437 307 242#

MEETING NO. 211

I. WELCOME REMARKS AND AGENDA REVIEW

7:00 – 7:05 Welcome, Introductions

Marsha Maloof, Meeting Facilitator

7:05 – 7:10 Meeting Guidelines and Agenda Review

Marsha Maloof, Meeting Facilitator

Alice Pilram, Community Co-Chair

II. NEW BUSINESS

7:10 – 8:00 Environmental Program 2022 Look Back / 2023 Look Ahead

David Clark, Lead Remedial Project Manager

Q&A: RAB

Q&A: Community

8:00 – 8:15 BRAC Cleanup Team Update

Juanita Bacey, Department of Toxic Substances Control

Celina Hernandez, Regional Water Board

8:15 – 8:25 Break

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. 210

David Clark, Lead Remedial Project Manager

8:45 – 8:50 Action Items from August 2022 RAB Meeting

David Clark, Lead Remedial Project Manager

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

Alice Pilram, Community Co-Chair and David Clark, Lead Remedial Project Manager

9:00 Adjourn

The Next RAB Meeting will be held 7 February 2023 at 7:00 P.M.

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Attachment B. 2022 Look Back / 2023 Look Ahead Presentation

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2022 Look Back / 2023 Look Ahead Environmental Cleanup Program

Naval Station Treasure Island Restoration Advisory Board Meeting

Dave Clark, Lead Remedial Project Manager

11/1/2022



Tonight's Presentation Topics






- **Property Transfer Progress**
- **2022 Look Back**
- **2023 Look Ahead**
- **Funding Update**



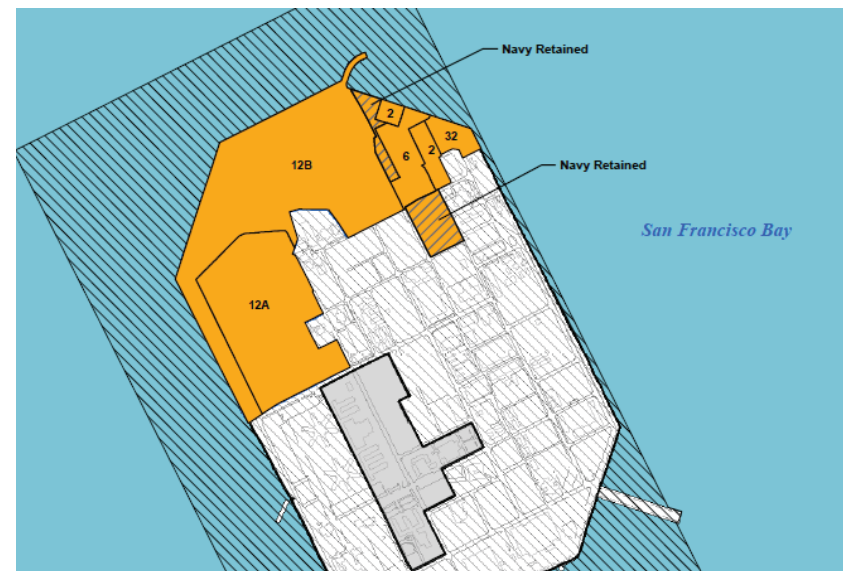
RAB and Property Transfer

- 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 *

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

* PFAS and radiological evaluations and cleanup have delayed conveyance schedules. Future cleanup decisions may result in further delays.

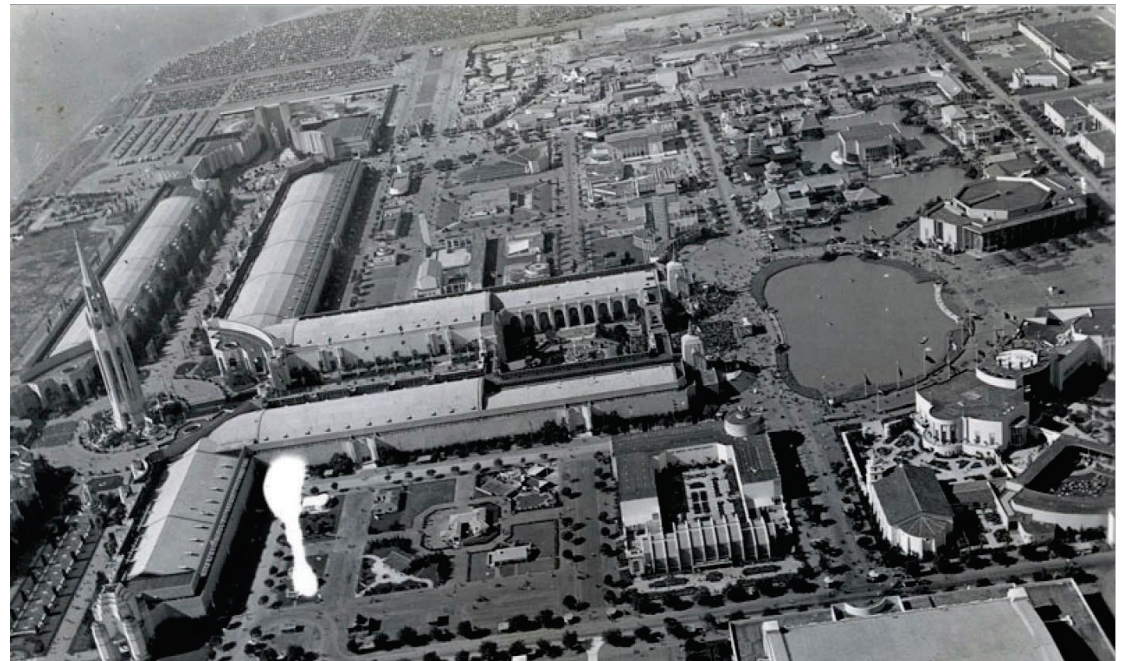




2022 Look Back Overview

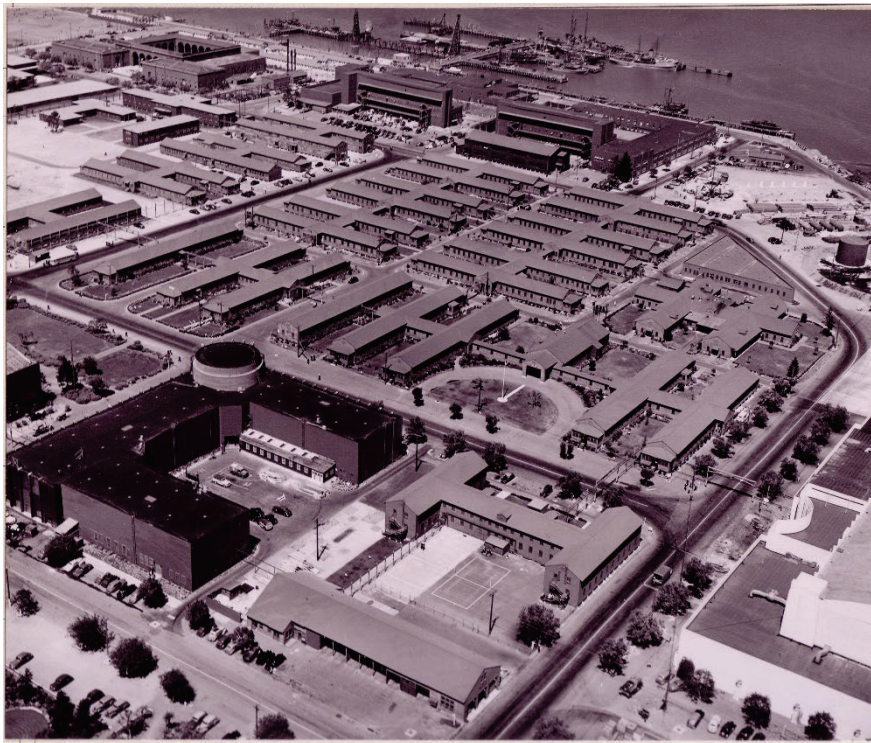
•Fieldwork Conducted

- Phase IV Westside Solid Waste Disposal Area (SWDA) Non Time Critical Removal Action
- Site 6 PFAS Remedial Investigation – Preliminary Data Collection
- Basewide PFAS Site Inspection – Preliminary Data Collection
- Basewide Monitoring Program (BWMP)





Final Documents Completed



1942

- 2021 Basewide Monitoring Program Work Plan (*January 2022*)
- 2020 Five-Year Review Addendum (*February 2022*)
- Site 6 PFAS RI Work Plan (*April 2022*)
- Non-Time Critical Removal Action Post Construction Summary Report Phase III Addendum (North Point) (*May 2022*)
- Basewide PFAS SI Work Plan (*June 2022*)



SWDA Westside Phase IV NTCRA Fieldwork

- Mobilized to site on March 8, 2021
- Demobilized July 2022
- MEC and rad scanning of remaining stockpiles complete
- Backfill, grading and hydroseeding complete
- Fence upgrade Complete





Majority of Material Recovered – End of WWII Metal



WWII Mess Kit.



Bell sign.

117,000 Pounds of Metal or about 59 Tons of Metal from the Roughly 3,600 Yards of Soil



Over 30 pounds per cubic yard!



Site 12 Westside Drive July 2022 – Equipment Leaving Site



Site 12 Westside Drive - July 2022 – Freshly Hydroseeded





Site 12 Westside Drive Restoration – July 2022

Project photos- Westside Dr



SW view of seeded area



Spraying seeds



SHEET 2 OF 2



Westside Fence Upgrades

Project photos- Westside Dr



Streetside overview



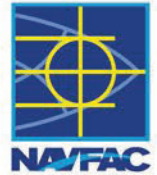
Fabric gone





Westside Drive Fence Upgrades





Basewide Monitoring Program Sites





Basewide Monitoring Program (BWMP)

- Conducted basewide groundwater and soil gas monitoring in March, June, September, and upcoming in December 2022

Sampling at site 12



cleaning sample equipment



Basewide PFAS Site Investigation Area of Interest (AOI) Locations

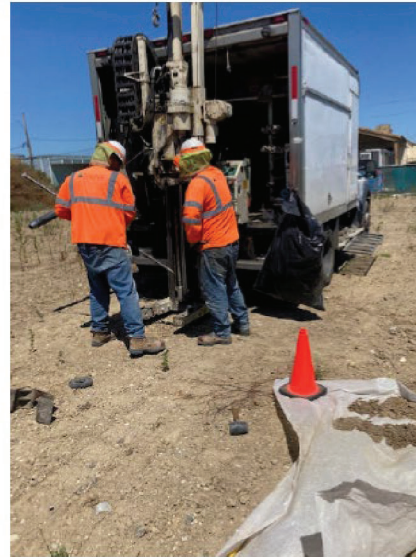




PFAS Site Investigation (SI) Sampling – June 2022



Project Photos





PFAS Sampling SI Sampling – June 2022





2023 Look Ahead





End of 2022/ 2023 Documents

- Site 12 Interim Remedial Action Completion Report for Chemical RA *(November 2022)*
- 2021 BWMP Annual Report *(November 2022)*
- 1400 Housing Series SI Report *(December 2022)*
- Conceptual Site Model Update Report *(December 2022)*
- Sites 6, 12, and 24 ROD-ESDs *(December 2022- March 2023)*
- Basewide Monitoring WP *(March 2023)*
- Site 12 SWDA Westside PCSR Phase IV *(May 2023)*
- Site 6 PFAS RI Report *(June 2023)*
- PFAS SI Report *(July 2023)*
- 2022 BWMP Annual Report *(November 2023)*
- Site 6, 12, & 24 Revised Land Use Control Remedial Design *(TBD - 2023)*

2023 Planned Field Work



- **PFAS SF Bay Background Concentration Evaluation**
 - Sediment
 - Pore Water
 - Surface Water
- **SF Bay Watershed Contamination Source Document**
- **Basewide Soil gas/Groundwater Monitoring**
- **Site Maintenance – Fences, Stormwater Drains, Etc.**



Treasure Island Environmental Funding

- Expenditures through FY22: \$305.6M
- FY23 Budget: \$6M
- Cost-to-Complete (FY24+): \$TBD
- Cost to complete does not include costs for:
 - Additional PFAS investigation and cleanup as needed
 - Site 12 remedy for rad and landfill areas

Questions?



Photo from 1965 "Jace Plan", Using TI as a New Airport.

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