

NAVFAC
Naval Facilities Engineering Systems Command

2023 Look Back / 2024 Look Ahead Environmental Cleanup Program

**Treasure Island Restoration Advisory Board Meeting
Dave Clark, Lead Remedial Project Manager**

14 November 2023

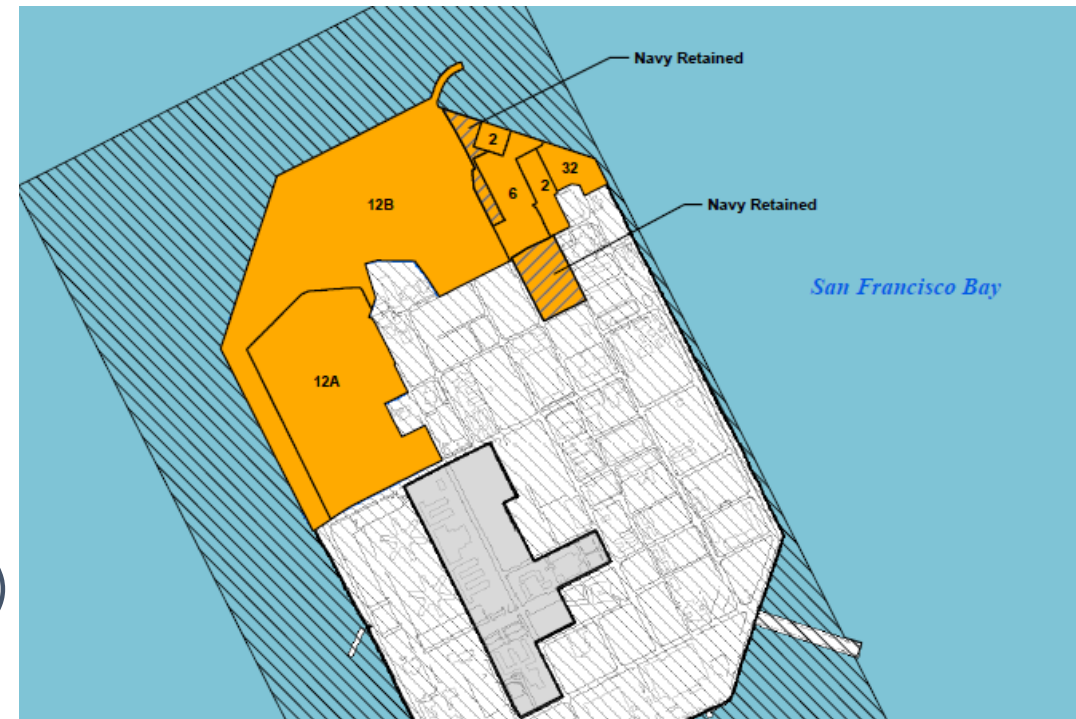
Presentation Topics

- Property Transfer Progress
- 2023 Look Back
- 2024 Look Ahead
- Funding Update






RAB and Property Transfer

- 1993: Closure officially established by Base Realignment and Closure Act of 1990
- 1994: RAB established – Pushing 30 years!
- 1997: September 30 (end of fiscal year) operational closure of TI
- Total acres at TI = approximately 1,077
- Approximately 948 acres have been transferred (88%)
- 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



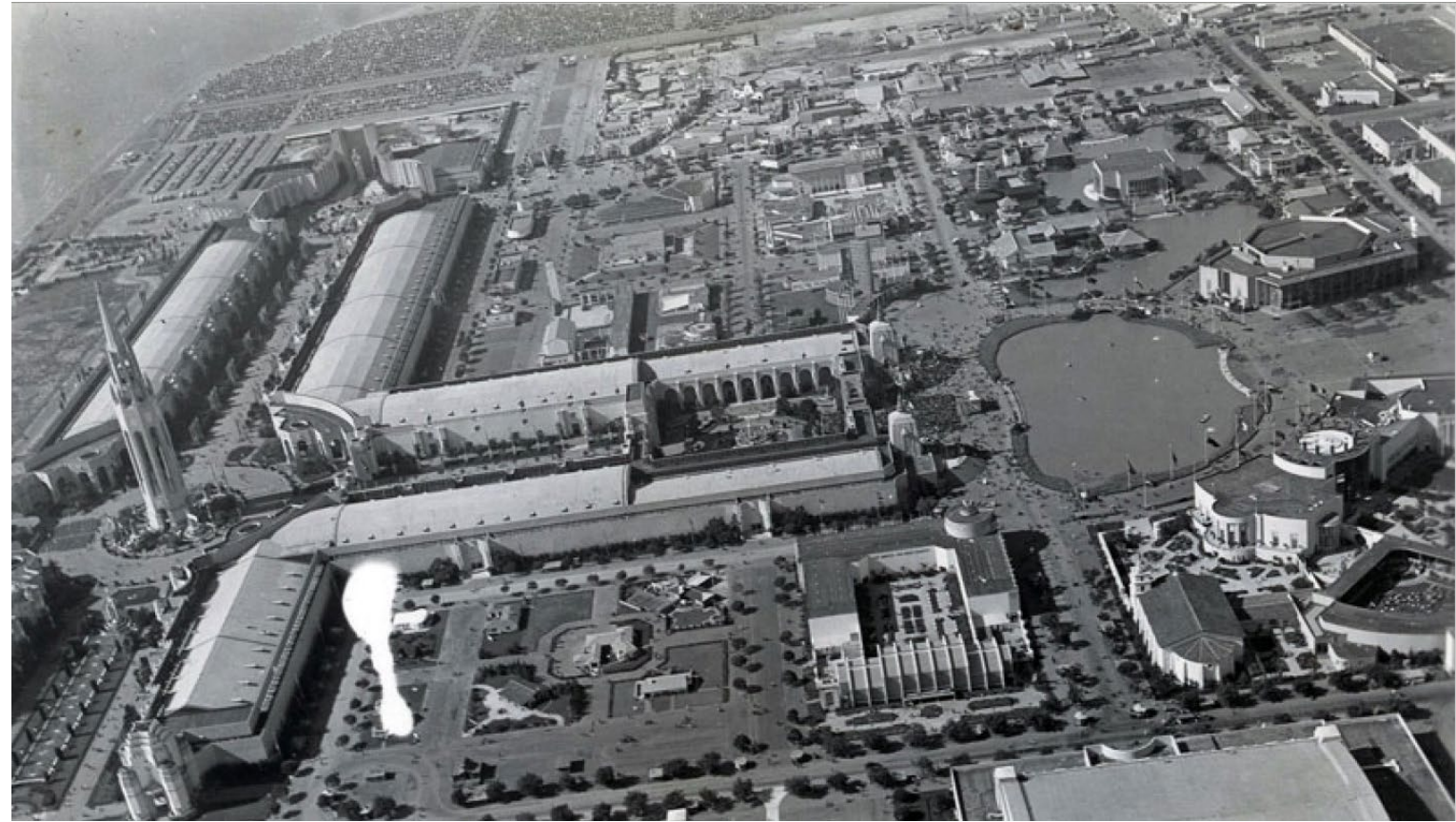
Parcels 2A, 2B, 6, 12A, 12B, 32 & Navy Retained Sites *

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

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

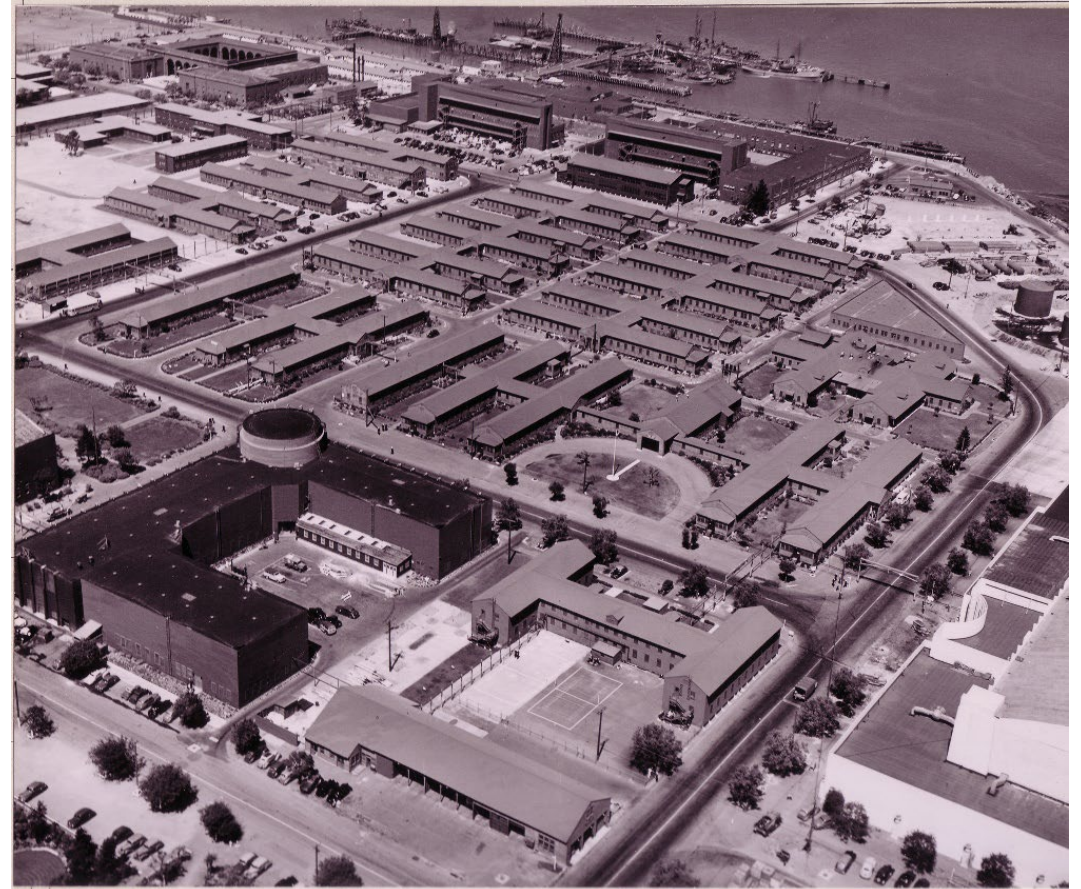
2023 Look Back Overview

- **Fieldwork Conducted**
 - Basewide Monitoring Program (BWMP)
 - Site 24 Soil Gas Step-out Sampling



Final Documents Issued

- 2021 Basewide Monitoring Program Annual Report (*February 2023*)
- Site 24 Record of Decision – Explanation of Significant Differences (ROD-ESD) (*February 2023*)
- Basewide Monitoring Program Work Plan (*June 2023*)
- Basewide Per- and Polyfluoroalkyl Substances (PFAS) Site Inspection Report (*September 2023*)



SE Corner 1942

Basewide Monitoring Program Sites



Basewide Monitoring Program (BWMP)

- Conducted basewide groundwater and soil gas monitoring in June, September, and upcoming in December 2023
- Install bollards and repairs to monitoring wells and soil gas probes inside Building 99

Sampling at site 12



cleaning sample equipment



2024 Look Ahead



End of 2023/ 2024 Documents for Site 6

- Site 6 ROD-ESD (*November 2023*)
- Site 6 PFAS RI Report (*January/February 2024*)
- Site 6 PFAS Pilot Study Work Plan (*February/March 2024*)
- Site 6 Revised Land Use Control Remedial Design (*July 2024*)



Site 6 – Sept 2023

End of 2023/ 2024 Documents for Site 12

- Site 12 ROD-ESD (*December 2023*)
- Site 12 Tidal Study Report (*February 2024*)
- Site 12 SWDA Westside PCSR Phase IV (*Early 2024*)
- Site 12 Land Use Control Remedial Design (*September 2024*)



IR Site 12 Sept 2023

Sites Today – Site 21



Sites Today – Site 24



End of 2023/ 2024 Other Documents

- 2022 Basewide Monitoring Annual Report (*March 2024*)
- Ambient Bay Area PFAS Concentrations Work Plan (*May 2024*)
- YF3 Petroleum Datagaps Workplan (*June 2024*)
- Site 24 Revised Land Use Control Remedial Design (*July 2024*)
- Site 12 UST 224 Work Plan (*July 2024*)

Potential Additional Documents



- **2023 Basewide Monitoring Annual Report**
- **PFAS AOI – IR (basewide) RI Workplan**

2024 Planned Field Work

- **Site 6 PFAS Pilot Study**
- **Ambient Bay Area PFAS Sampling**
- **Basewide Soil gas/Groundwater Monitoring**
 - Potential new Site 12 wells
 - Site 21 replacement wells
 - Potential Site 24 step-out wells
- **IR Site YF3 Datagaps Sampling**
- **Site Maintenance – Fences, Stormwater Drains, Etc.**



PlumeStop/Liquid Activated Carbon stock

Site 12 Path Forward

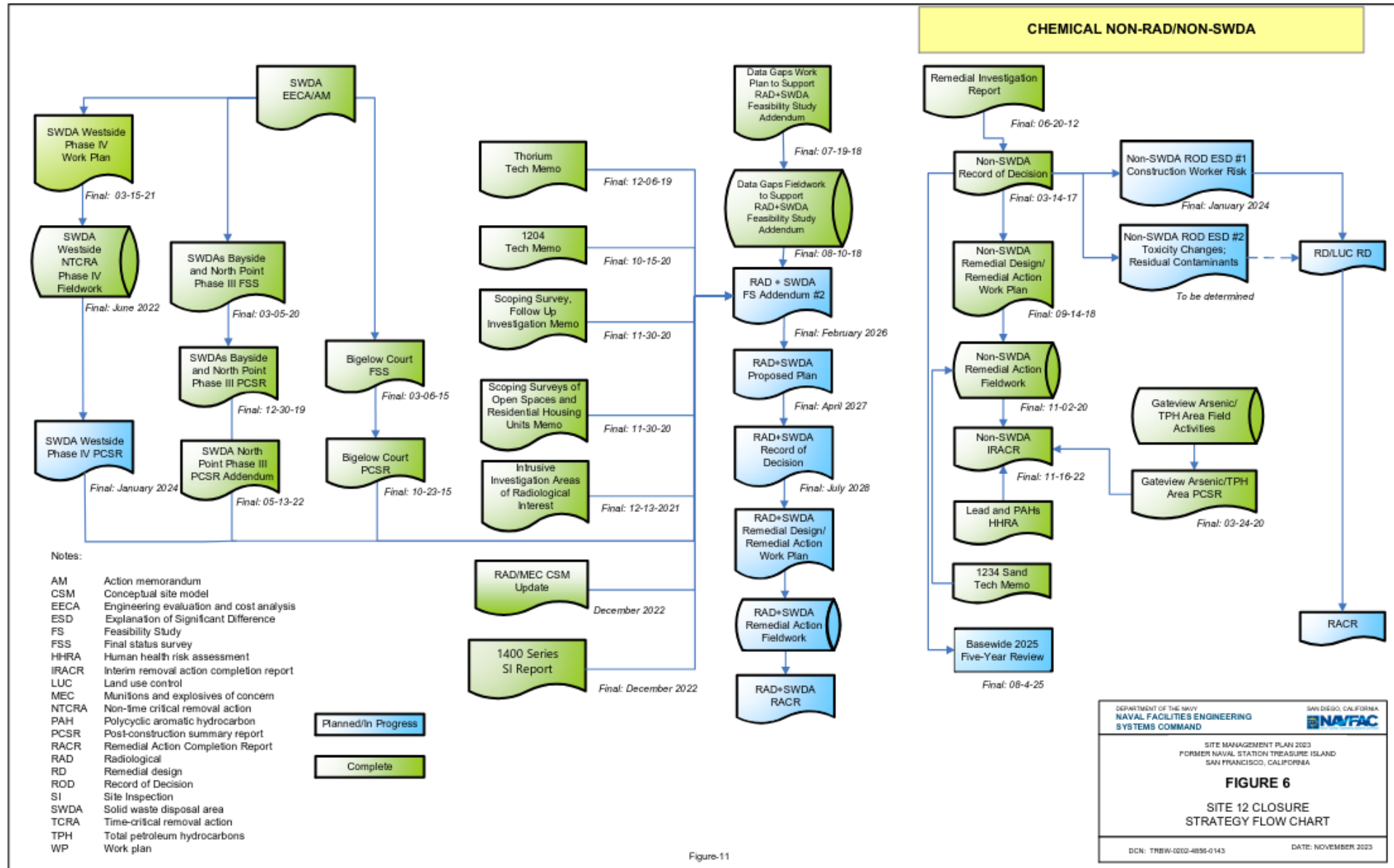


Figure-11

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING
SYSTEMS COMMAND

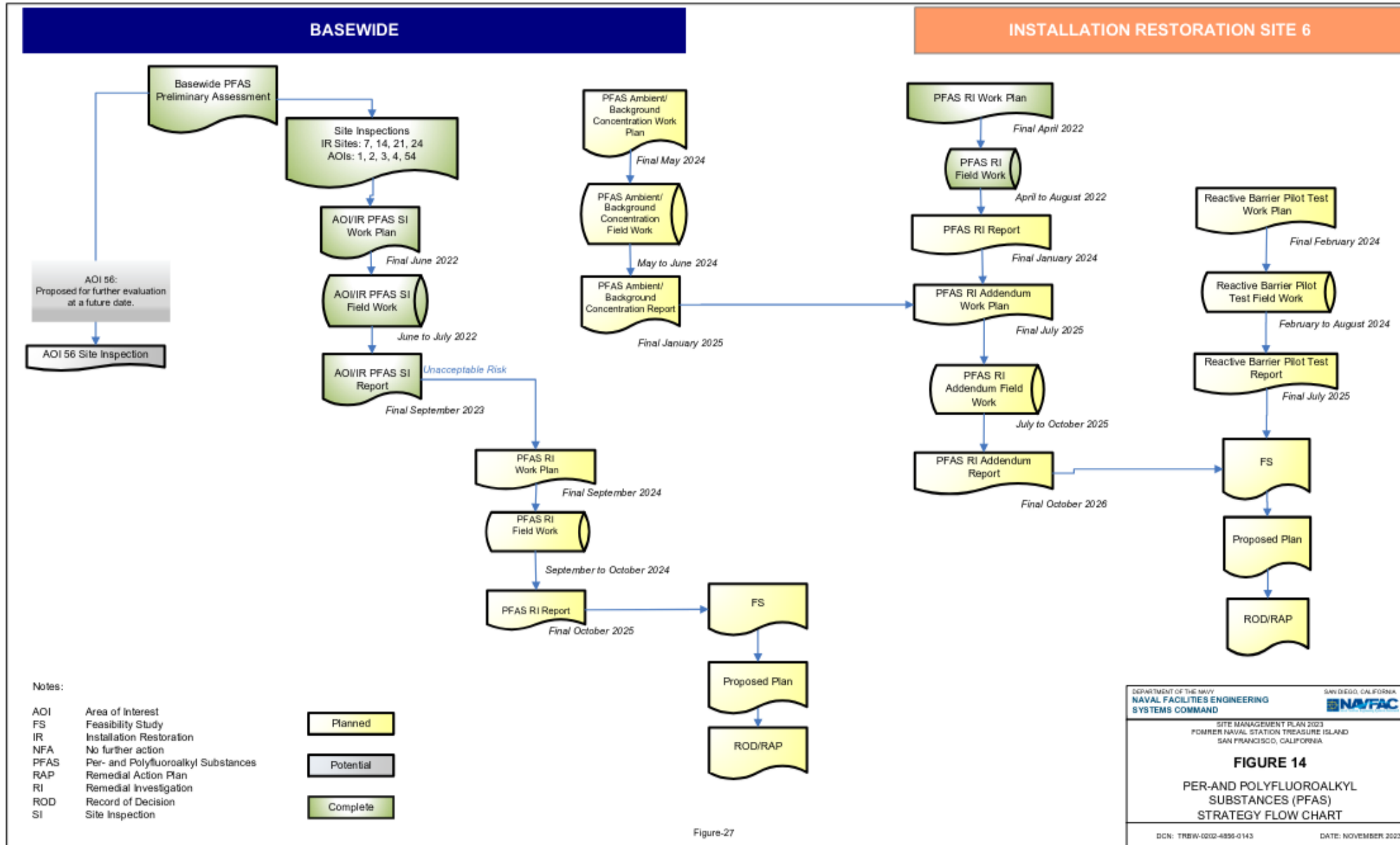
SAN DIEGO, CALIFORNIA
NAVFAC

SITE MANAGEMENT PLAN 2023
FORMER NAVAL STATION TREASURE ISLAND
SAN FRANCISCO, CALIFORNIA

FIGURE 6
SITE 12 CLOSURE
STRATEGY FLOW CHART

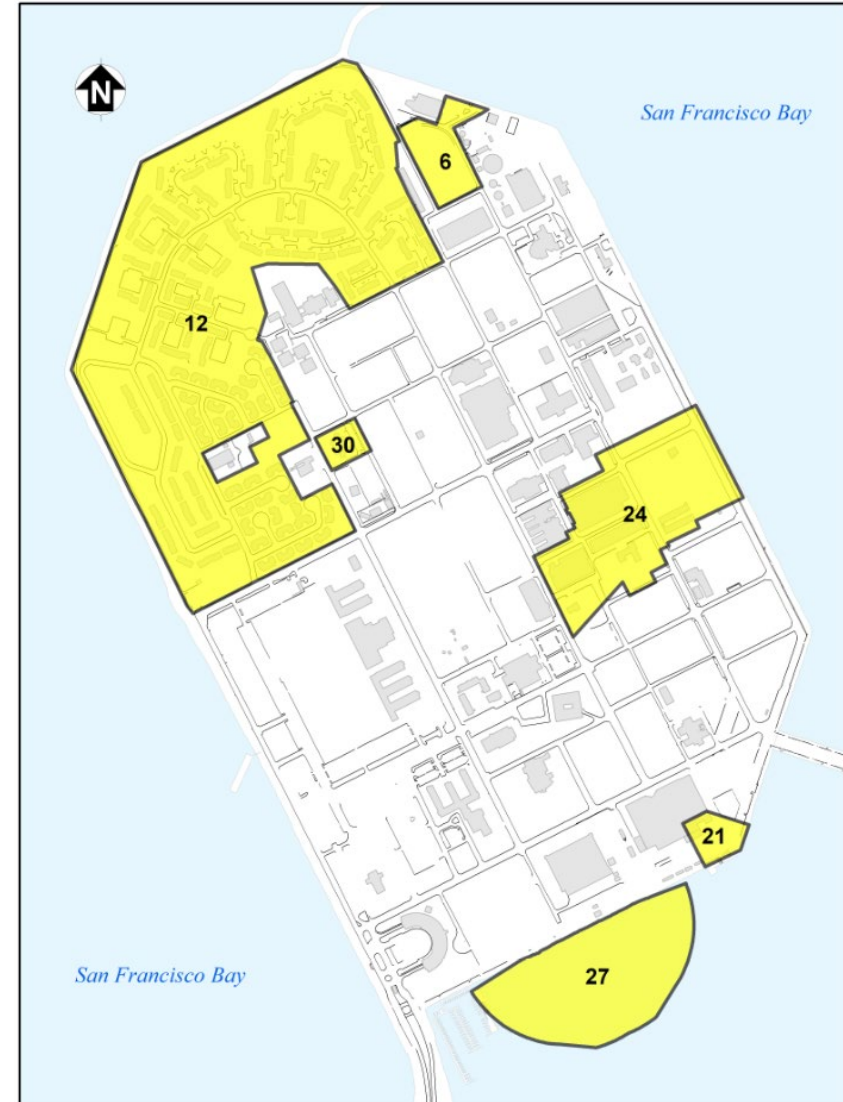
DCN: TRSW-0202-4895-0143 DATE: NOVEMBER 2023

PFAS Path Forward



Five Year Review Sites (2nd & 3rd FYR)

- **Six sites will be evaluated for the 3rd FYR: IR Sites 6, 12*, 21, 24, 27, and 30**
 - ***For Site 12, the evaluation will include the remedy for groundwater within the Gateview Arsenic/TPH area, as well as the implemented soil remedy.**



3rd FYR Schedule

- **September 2023 – Contract in Place**
- **2024 – Develop Internal Draft***
- **Early 2025 – Draft Completed**
- **May 2025 – Concurrence on RTCs and RLSO**

**Any new rules or regulations should be provided by early 2024

Additional Data Collection

- Land surveying and a geophysical study to determine the physical boundaries, including bathymetric and topographical delineation, and to further characterize the depth to bedrock.
- Soil boring and porewater assessments to further define the horizontal and vertical extent of residual petroleum contamination
- Data will be collected and analyzed to supplement the existing site



YF3 Path Forward

- **YF3 Datagap Workplan**
 - June 2024
- **YF3 Datagap Evaluation Report**
 - Oct 2025
- **YF3 CAP**
 - Oct 2027
- **YF3 CAP Post Construction Summary Report**
 - Dec 2028

Treasure Island Environmental Funding

- Expenditures through FY23 \$311.8M
- FY24 Budget: \$3M
- Cost-to-Complete (FY25+): \$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?

