



2020 Look Back / 2021 Look Ahead Environmental Cleanup Program

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

December 8, 2020

Tonight's Presentation Topics



- 2020 Look Back
- 2021 Look Forward
- Funding Update

2020 Look Back



- 2020 progress
 - Final documents
 - Field work
- Petroleum sites
 - YF3

Final Documents – Site 12 Housing Area



- Site 12 documents
 - *Non*-Time Critical Removal Action (**TCRA**) Post Construction Summary Report (**PCSR**)
(January 2020)
 - Time Critical Removal Action PCSR
(March 2020)
 - Additional Radiological Surveys – open spaces and vacant buildings
(November 2020)
 - SWDA *Non*-TCRA Westside Phase IV Work Plan
(December 2020)

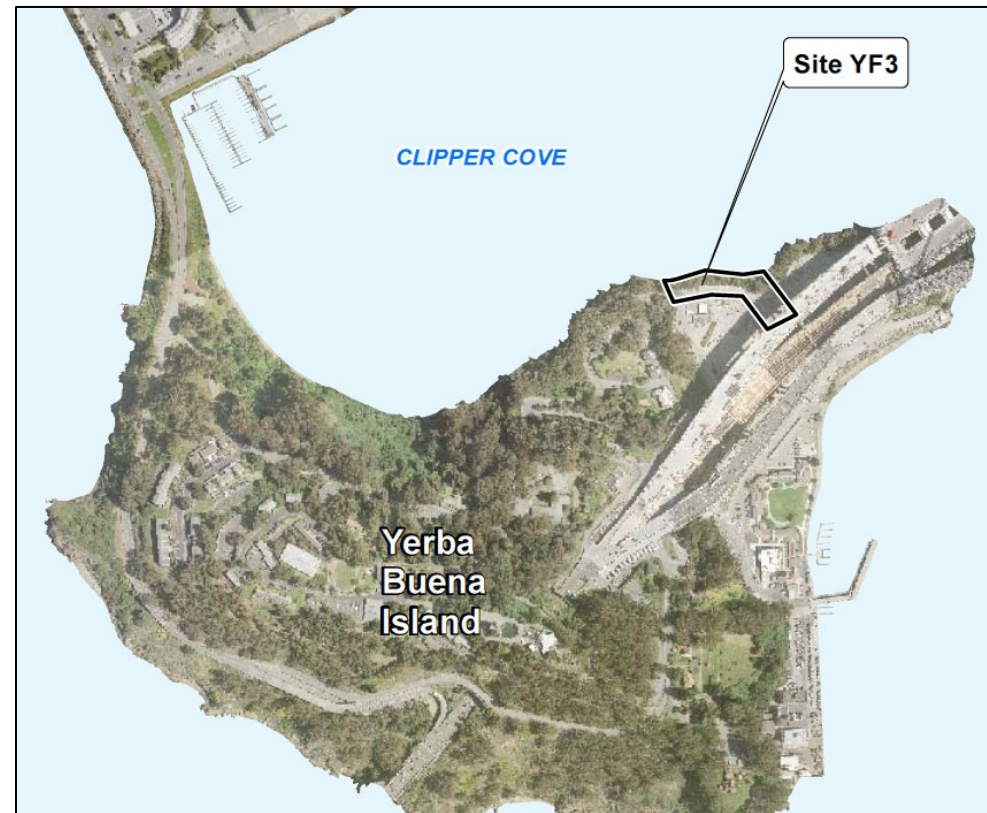


Photo credit Google Earth

Final Documents – Other Sites



- Second Five-Year Review
(August 2020)
- 2018 Groundwater/Soil Gas
Monitoring Report
(August 2020)
- Yerba Buena Island pipeline
site (YF3) Corrective
Alternatives Evaluation
(September 2020)



Second Five-Year Review Protectiveness Determinations



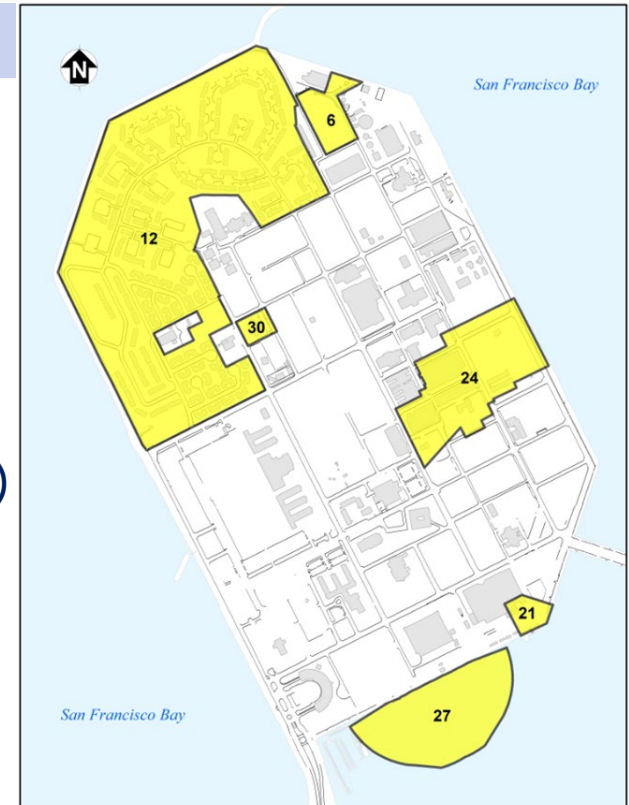
Protective	Protective in the Short-term	Will be Protective	Protectiveness Deferred	Not Protective
Site 21	Site 24		Site 6	
Site 27			Site 12*	
Site 30				

*Cleanup is only for groundwater within Gateview Avenue Arsenic/TPH Area

Follow up actions including continued monitoring to continue to support the next five year review (2025)

All sites: protective, protective in short term, or protectiveness deferred.

Final fact sheet out November 2020



2020 Fieldwork – Site 12



- Non-SWDA Remedial Action Field Work
- Work completed removal of non-radiological contaminants
- Remedy outlined per 2017 record of decision



*Example of discrete excavation.
Excavation and Backfill at Haliburton
Court.*

2020 Fieldwork – Site 12 and Monitoring



Monitoring (Site 24)



Site 12 Northpoint Drive
Restoration

Site 12 UST Removal

- Removal of 2 Underground Storage Tanks
 - Tanks Located, Removed, Radiologically Screened
 - Tanks contained oily material
 - Located in open field between 1400 series housing
 - Associated piping removed as well
 - Stained Soil Removed
 - Confirmation samples collected, area backfilled



- UST's Exposed



- Removal of Tank



- UST Location

2021 Look Ahead



2021 Work Plans



- *Building 570 FSS Work Plan (January 2021)*
- Site 6 PFAS Remedial Investigation Data Gaps Work Plan *(May 2021)*
- Site 12 Radiological Areas of Interest (1131, 1229, 1303/1306, 1400) Work Plan *(September 2021)*
- Radiological Survey of the Northeast Navy Retained Corner and Site 32 Work Plan *(September 2021)*
- YF3 Petroleum Corrective Action (Cleanup) Plan *(October 2021)*

2021 Planned Field Work



- Building 570 Final Status Survey *(March 2021)*
- Site 6 PFAS Remedial Investigation Data Gaps *(Spring 2021)*
- Northeast Navy Retained Corner and Site 32 Final Status *(Radiological)* Survey *(September 2021)*
- Soil Gas and Groundwater Monitoring *(Quarterly)*

2021 Planned Field Work – Site 12 Westside Drive



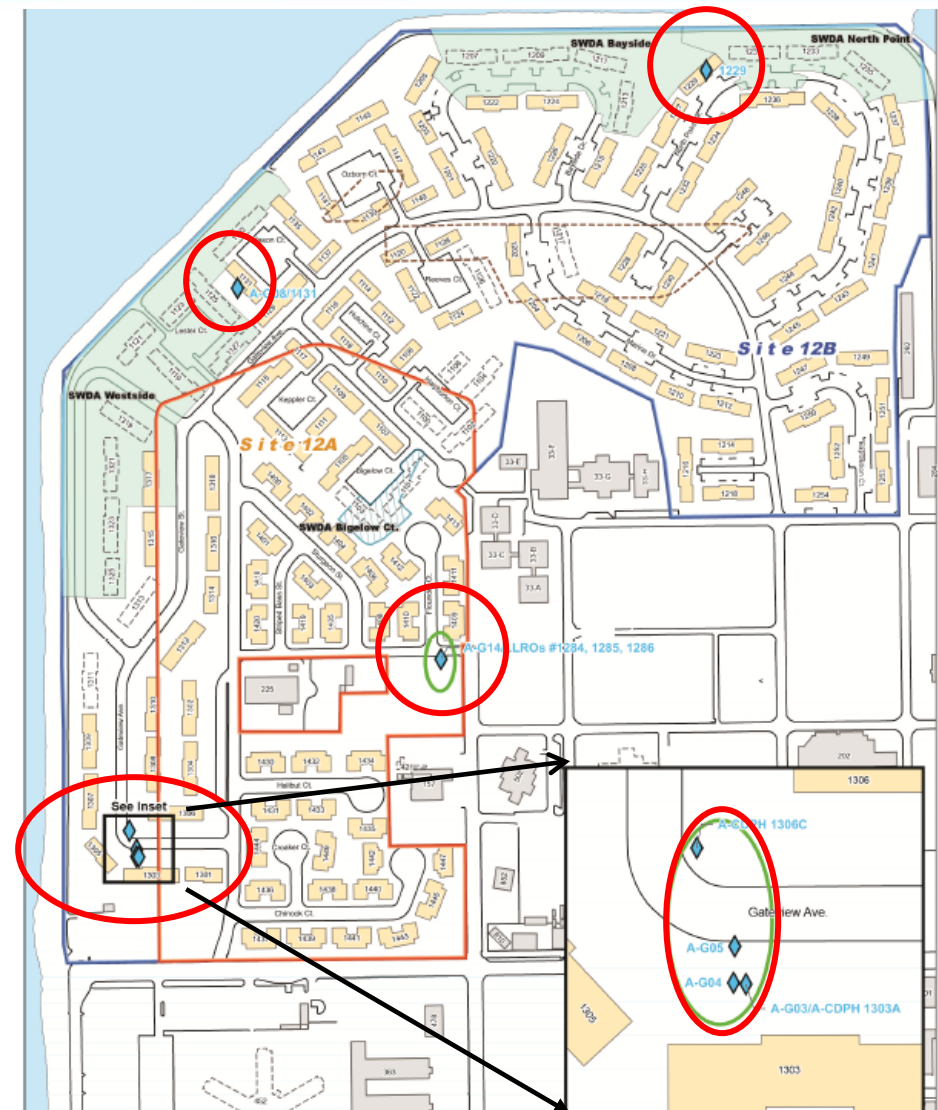
- Solid Waste Disposal Area (SWDA) Non Time Critical Removal Action Phase IV Field Work
 - One Additional Excavation for Petroleum
 - Finishing Removal of Stockpiles and Debris (left from Phase III)
 - Finishing Backfill of Excavations
 - New Radiological Survey of SWDA Westside



2021 Planned Field Work – Site 12 Continued



- Site 12 Radiological Areas of Interest
 - Follow up to Recommendations from Previous Field Work in Open Spaces and Buildings
 - Details in Workplan to be Final in 2021



2021 Reports



- Basewide PFAS* Preliminary Assessment (*January 2021*)

*Per- and polyfluoroalkyl substances (PFAS) are a group of man-made chemicals that includes PFOA, PFOS and other compounds.

- 2019 Monitoring Report for Sites 6, 12, 21, and 24 (*February 2021*)
- Underground Storage Tank 248 (In Site 6) Closure Request (*March 2021*)
- Site 12 Radiological Risk Assessment Data Gaps Report (*May 2021*)

2021 Reports - continued



- Non-rad/Non SWDA Remedial Action Completion Report *(July 2021)*
- Site 12 Conceptual Site Model Research Report *(September 2021)*
- Final Status Survey Report Building 570 *(August 2021)*
- Site 12 Radiological Areas of Interest (1131, 1229, 1303/1306, 1400) Report *(September 2021)*

Funding at a Glance



Amount spent through FY 20*	\$297.4 Million
Amount expected to spend during FY 21	\$5 Million
Estimated cost to complete remedial actions	\$18 Million

***Federal Fiscal year is October-September**

Questions?

