

# Site 12 RA/NTCRA Fieldwork Update Former Naval Station Treasure Island

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09/17/2019

# Site 12 Field Work Update



## • Project Goals:

### – Remedial Action (RA)

- 41 excavations on the northern end of Site 12
- Additional 18 excavations in Halyburton Court area
- Demolition of buildings 1126, 1127, 1217

### – Non-Time Critical Removal Action (NTCRA)

- Removal of up to 4000 cubic yards of soil and debris from Northpoint Solid Waste Disposal Area

### – Underground Storage Tank Removal

- Adjacent to Site 20
- Discovered in 2016 Remediation

### – RA/NTCRA Work Plan

- Finalized in September, 2018

### – Remedial Action Completion Report

- Final Report to be published in April, 2020



- Site 12 Location

# Remedial Action: Chemical Excavations



- **Contaminants of Concern (COCs)**
  - Lead, Chromium, PAHs, PCBs, Pesticides and Dioxins
- **Excavations bound by clean pre-excavation samples (chemical and radiological)**
  - *Below cleanup goals established in the Record of Decision (ROD)*
- **Progress:**
  - **39 of 41 excavations complete and backfilled since January 22, 2019**
    - Hardscape restoration complete
    - Hydroseeding to occur next week
    - Final location is underneath foundation of Building 1217

# Remedial Action: Chemical Excavations



- Chemical Excavations in Site 12



# Remedial Action: Chemical Excavations



- Chemical Excavation in Site 12

# Remedial Action: Building Demolition



- **Building Demolitions**

- **Buildings 1126, 1127, and 1217**

- 1126 & 1217 demolition due to chemical contamination under/around foundations
    - 1127 demolition due to fire damage
    - Radiological building scans and ACM abatement completed end of June
    - Radiological building scans completed
    - Structural Demolition completed June 26<sup>th</sup>
    - Radiological Scanning/Demolition of pads ongoing
    - Site Restoration to follow

- **All building materials (including foundation) radiologically scanned prior to transportation and disposal**



- Demolition Building 1217



- Cleared Pad at Building 1126



# Remedial Action: Chemical Excavations



- **Location 1203A**

- Final discrete excavation (non-radiological) in housing areas
- Health and Safety radiological surface scans of front entrance at background levels
- On September 10<sup>th</sup>, upon removing concrete, surface levels above background were detected
- Soil remediated and site restored
- Soil transferred to Site 32 for further evaluation and disposal preparation
- No health risk to resident, workers or public (area below concrete)



- Building 1203 Post-Excavation



- Building 1203 Post-Excavation

# Remedial Action: Halyburton Court



- **Excavations in Halyburton Court Area**
  - **Extension of previous PCB remediation effort (2016)**
  - **18 locations**
    - Pre-excavation sampling complete
    - 2 complete
    - Excavations ongoing (complete in September)
  - **Entire area is fenced-off and not accessible to the public**



- Halyburton Court Excavation



- Backfilled Excavation at Halyburton Court



# Remedial Action: Halyburton Court



- Excavation in Halyburton Court

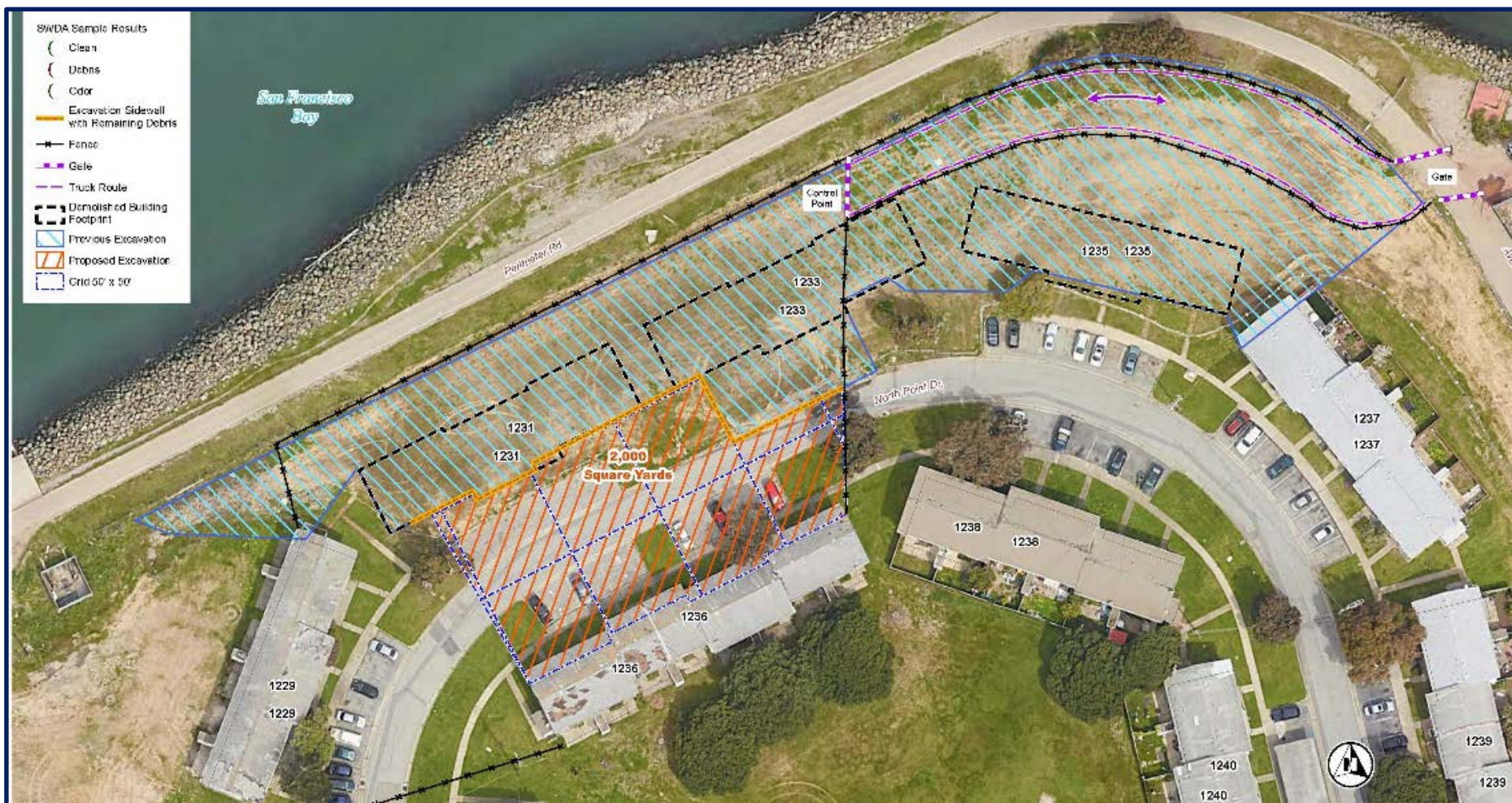
# Non-Time Critical Removal Action



- **Extension of previous Northpoint Drive excavation**
- **Progress:**
  - **Approximately 1500 cubic yards excavated to date**
  - **Debris excavated includes timbers, welding rods, metal, ceramics, plastic, glass**
  - **Excavation driven by:**
    - visual debris
      - “Potholing approach”
    - Chemical and radiological confirmation sampling
  - **Site restoration to be complete October 3<sup>rd</sup>**
  - **Radiological scanning of excavated material conducted at Site 32**
  - **Northernmost section of Northpoint Drive included in excavation**



# Non-Time Critical Removal Action



- NTCRA Excavation Layout



# Site 12 Field Work Update



- Northpoint Temporary Fence at Perimeter Rd



# Non-Time Critical Removal Action



- Excavation at Northpoint SWDA



- Excavation/Transport to Site 32 from Northpoint SWDA



# Non-Time Critical Removal Action



- Timbers exposed at Northpoint



# Underground Storage Tank Removal

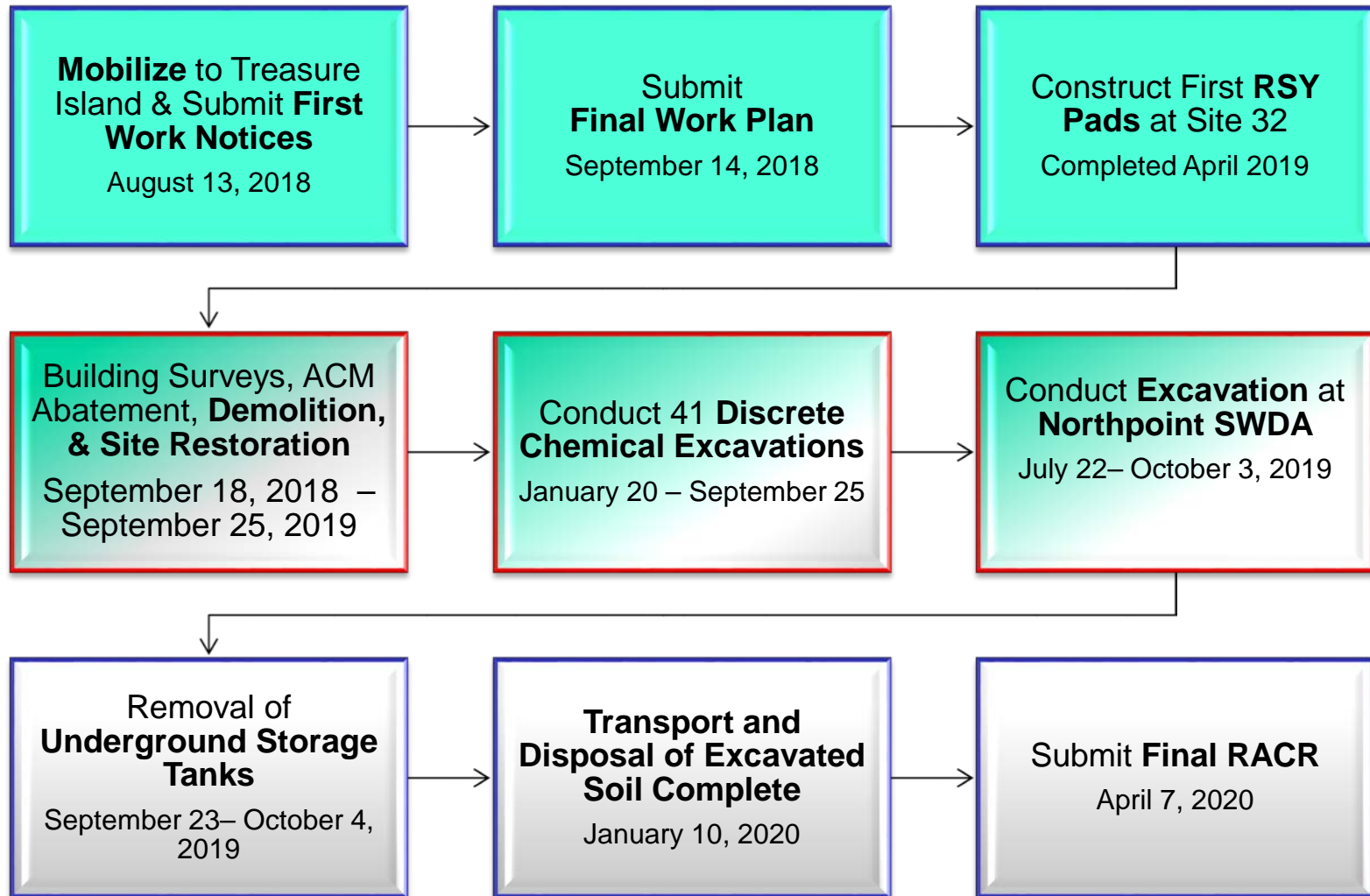


- **Removal of 2 Underground Storage Tanks**
  - Lot next to Building 225 (E of Site 20)
  - 2 Tanks, approximately 1000 gallons each
  - Work Plan Addendum finalized in August
  - Work Notices distributed Wednesday, September 18, 2019
  - Removal to begin September 23, 2019



- Location of Underground Storage Tanks and Trucking Route

# Site 12 Project Schedule



# QUESTIONS?

