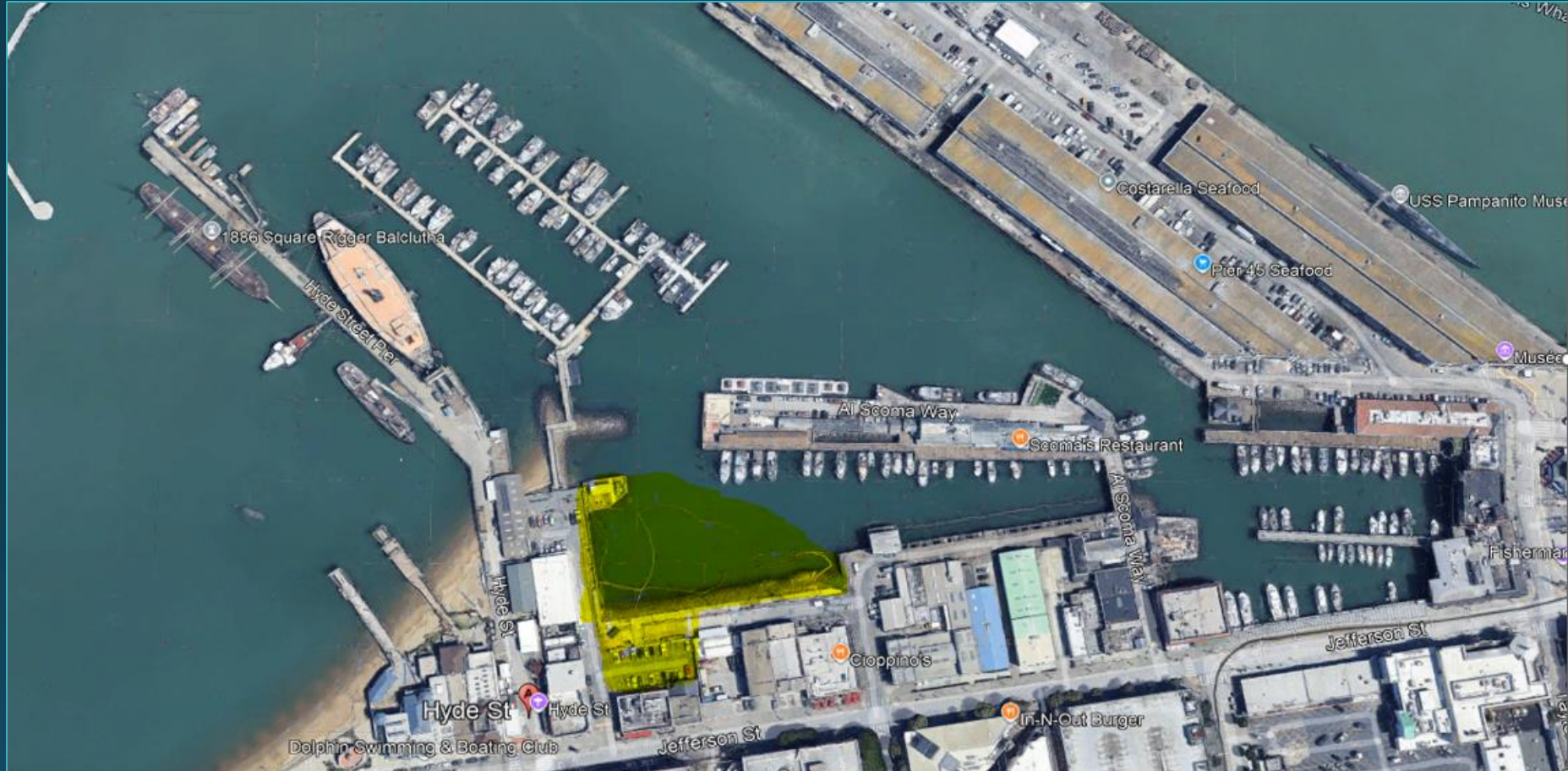


Hyde Street Harbor Area, Wharf J-10
San Francisco, California

Port of San Francisco

Fuel Dock Fuel Pipeline Release Remediation

Wharf J-10 and Fuel Pipeline Release Site Location



Responsible party (Fuel Dock tenant) working with EPA, Water Board, Coast Guard, Fish and Wildlife, and Port of San Francisco

Timeline

- **2020**: Fuel sheens observed in Harbor
- **2020-ongoing**: Booms deployed for on-water containment; fuel recovery from water
- **2020-2021**: Site investigation; source determined to be from fuel pipeline
- **2021**: Fuel operations ceased; pipelines drained
- **2021-2023**: Additional site investigation to delineate extent of fuel release
- **2021-ongoing**: Fuel recovery (groundwater)
- **2023-2024**: Remedial Action Plan (RAP) development and public participation (Oct. 26, 2023 Public Meeting)
- **2024**: Water Board Cleanup Order issued to implement the RAP
- **2025**: Permitting and anticipated start of RAP implementation

Site Layout and Investigation Locations



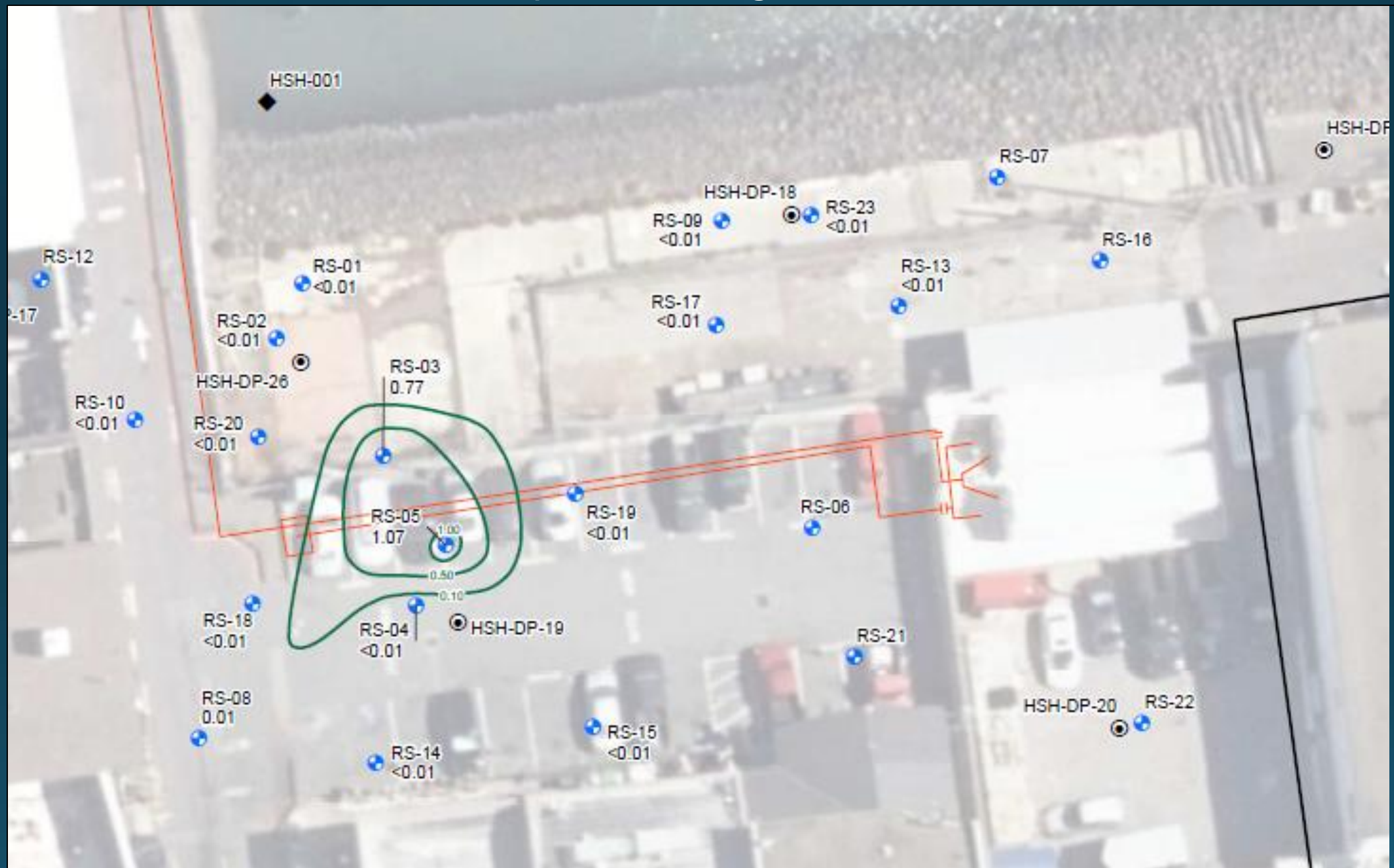
Site Booming Configuration



Investigation Results

- Renewable Diesel (R99) was released from the pipeline
- Extent of R99 Diesel established using specialized laboratory analyses
- Over 6,000 gallons of oily water recovered since 2020
- Sufficient information to design an effective remediation plan

Site Layout and Investigation Results



Remedial Action Plan

- Identified cleanup objectives protective of public health and the environment
- Consistent with California State Water Resources Control Board Resolution 92-49 and National Oil and Hazardous Substance Pollution Contingency Plan
- Evaluated numerous acceptable technologies, including:
 - No Action
 - Soil Removal
 - Groundwater Removal
 - In-Situ Treatment
 - Monitored Natural Attenuation (MNA)
 - Physical Barrier

Remedial Action Plan

- Excavation of area where R99 Diesel has been greatest
- Estimated 1,500 cubic yards of soil to be excavated
- Backfilling and restoration of the site
- Installation of new sentry wells
- Monitored natural attenuation
- Continued monitoring and booming

Highlights for Comments Received

- Comments provided by Water Board, SF Baykeeper, Bay Conservation and Development Commission (BCDC), Tenants, Public, other Stakeholders (Dolphin Club)
 - Provide post-excavation monitoring and site management plan
 - Excavate more: Excavation footprint expanded to remove maximum amount of impacted soil while protecting the underground and aboveground structures from failure and loss

Excavation Area



Schedule

- **2025**: Permitting, notifications
 - Spring-Summer 2025
- **2025**: Anticipated soil excavation (permit dependent)
 - Fall-Winter 2025
 - 2 months estimated
- **2026 - TBD**: Groundwater monitoring, continued booming as necessary

Conclusions

- Remedial action plan and excavation will reduce the ongoing source of R99 Diesel that is trickling into the Bay
- Excavation will be relatively quick to minimize disruption to area
- Ongoing groundwater monitoring and booming in the Bay to ensure that the Bay and neighboring properties and interests stay safe
 - Goal: Reduce booming footprint after remedial action
- Additional remediation details to be presented at a later FWAC Meeting

Comments? Questions?

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