

One Fish, Two Fish, Red Fish, Blue Fish

Port of Seattle and Port of Tacoma Comprehensive Repair and Maintenance Program



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WPPA Environmental Seminar 2025

Ports of Seattle and Tacoma Programmatic Permits/Authorizations

- Port of Seattle
 - Pile Replacement and Maintenance Program
 - 10-year Maintenance Dredging for East Waterway
- Port of Tacoma
 - Programmatic Pile Repair/Replacement Project
 - Stormwater Outfall and Tide Structure Maintenance, Repair and Replacement
 - Terminal and Shoreline Area Routine Maintenance and Repair
 - Programmatic Sediment Sampling

Ports of Seattle and Tacoma Permits and Approvals

- **Section 10 RHA/Section 404 CWA Permit: 33 CFR Part 325 (USACE)**
- **Section 401 Clean Water Act Water Quality Certification (Ecology/USACE)**
- **Coastal Zone Management Act Consistency (Ecology/USACE)**
- **Hydraulic Project Approval: WAC 220-660-010 (WDFW)**
- **Shoreline Master Program: Chapter 23.60A.020 (City of Seattle)**
- **Shoreline Master Program: Chapter 19.02.30 (City of Tacoma)**
- **State Environmental Policy Act (SEPA): RCW 43.21 (Port)**

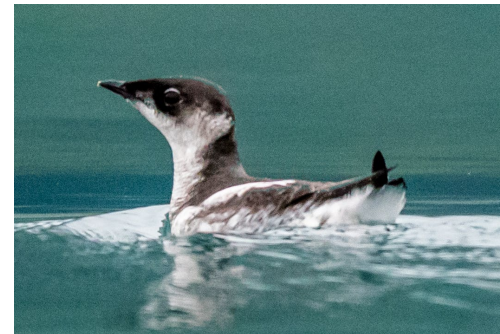
What is the CRAMP?

- Streamlines approval for *most* routine repair and maintenance activities at Port maritime facilities.
- Ensures routine repair and maintenance activities can be completed timely and efficiently.
- Promotes Port environmental goals through piling removal, alternative shoreline stabilization techniques, and debris removal.



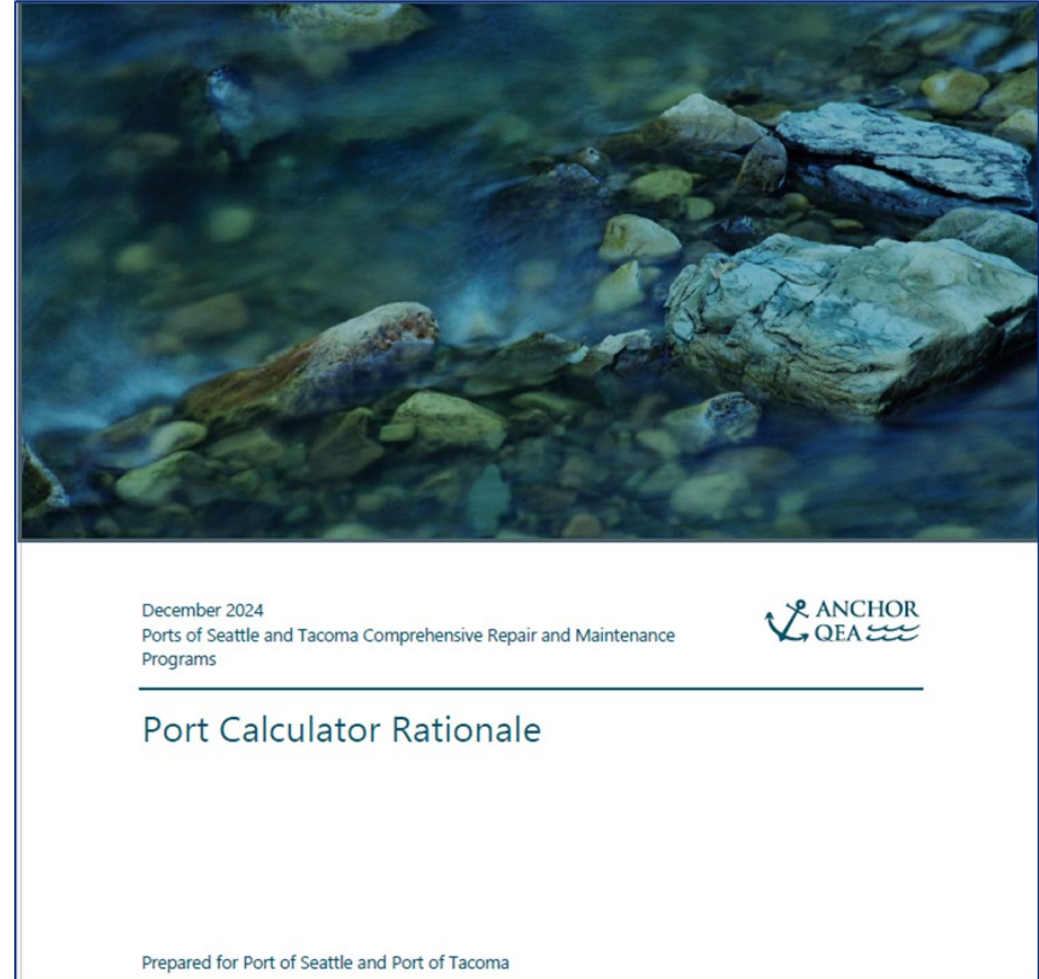
Why the CRAMP?

- NMFS developed new rationale to address the **enduring effects** of existing structures on ESA-listed species
 - Regular maintenance and repair that extends the life of an existing structure results in an enduring effect
 - Enduring effects must be **mitigated**
- NMFS developed the Puget Sound Nearshore Habitat Conservation Calculator to determine the enduring effect of certain activities



Port Calculator

- Better addresses the highly developed Port environment
- Tracks mitigation activities that create debits and credits





Permit Details and Process

Who?

- Ports of Seattle and Tacoma
- Services including Port Liaisons
- USACE (WRDA rep)
- Department of Ecology
- EPA
- WDFW
- Tribes
- NWSA GR Support
- Consultants
- Outside Council



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Seattle District



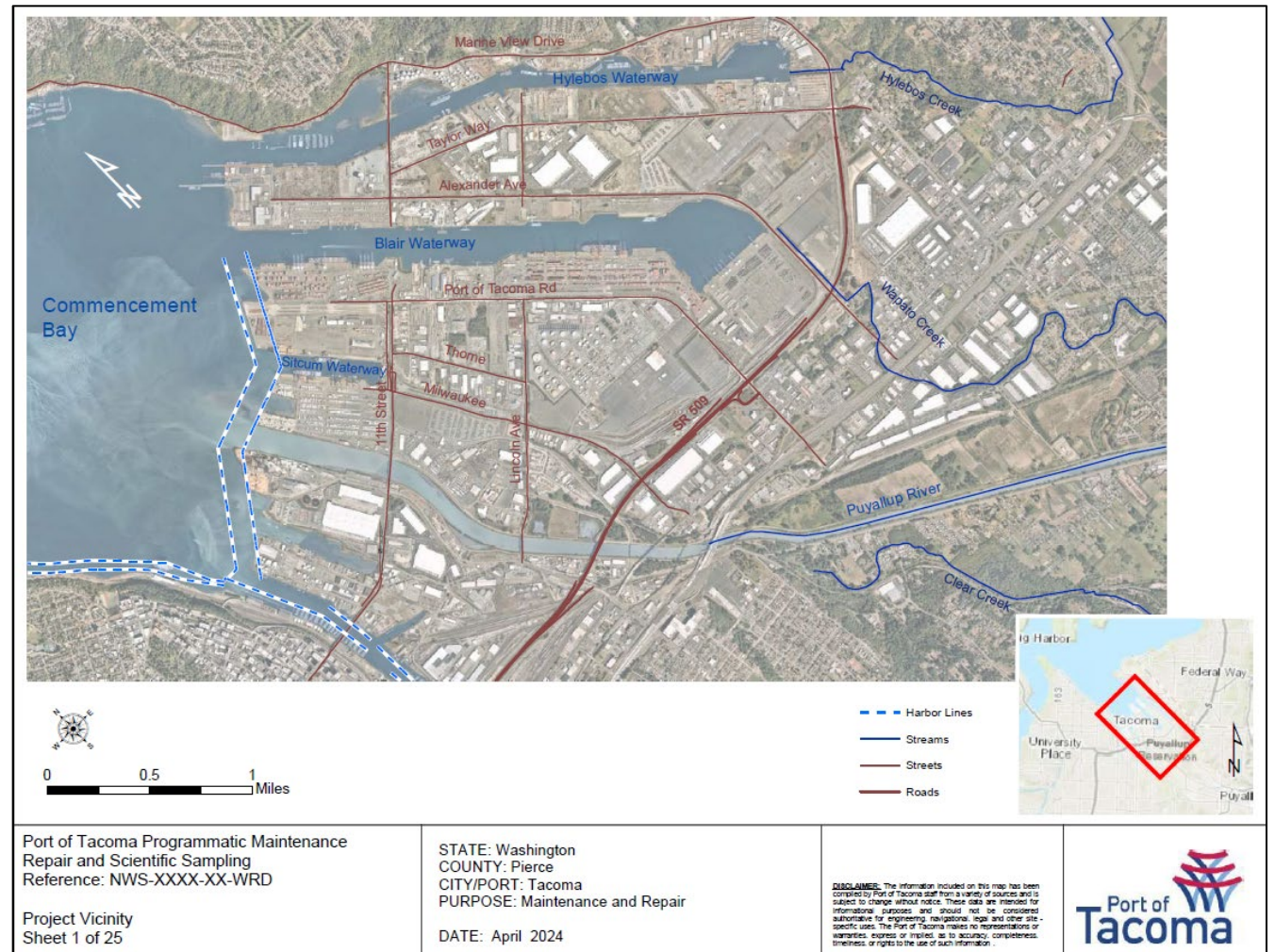
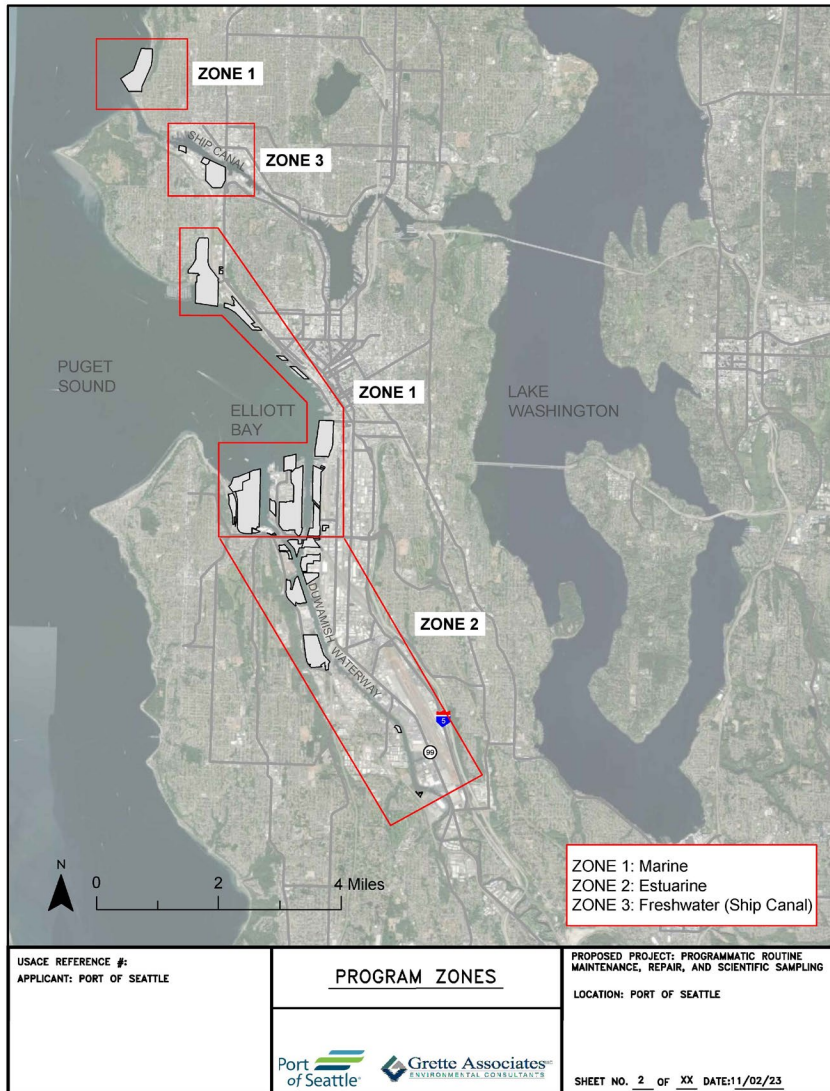
**DEPARTMENT OF
ECOLOGY**
State of Washington



NOAA FISHERIES
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

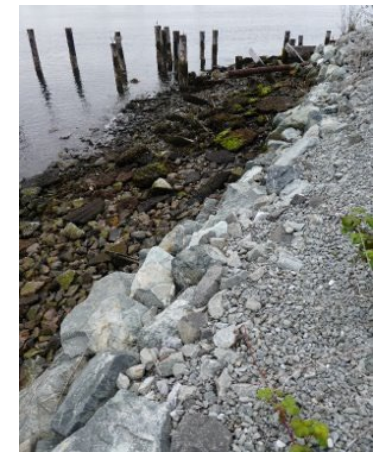
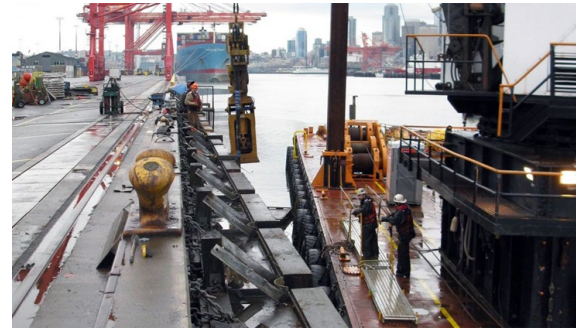


Where?



Activities/Structures

- Pile Systems
 - Repair/replacement of 12" to 30" piles
 - Repair/replacement of pile-associated components
- Shoreline Stabilization
- Outfalls and Tide Gates
- Vessel Berths (Maintenance Dredging)
- Geotechnical Sediment Sampling
- Marina Piers, Ramps (gangways), Floats Assemblages
- Boathouses, Covered Moorage
- Boat Ramps, Launches (including vessel hoists and marine rail track systems)
- Under-Pier Utilities
- Subtidal Utilities
- On-dock Structures (Minor Overwater Construction)
- Overwater Safety and Security Equipment
- Navigational Aids

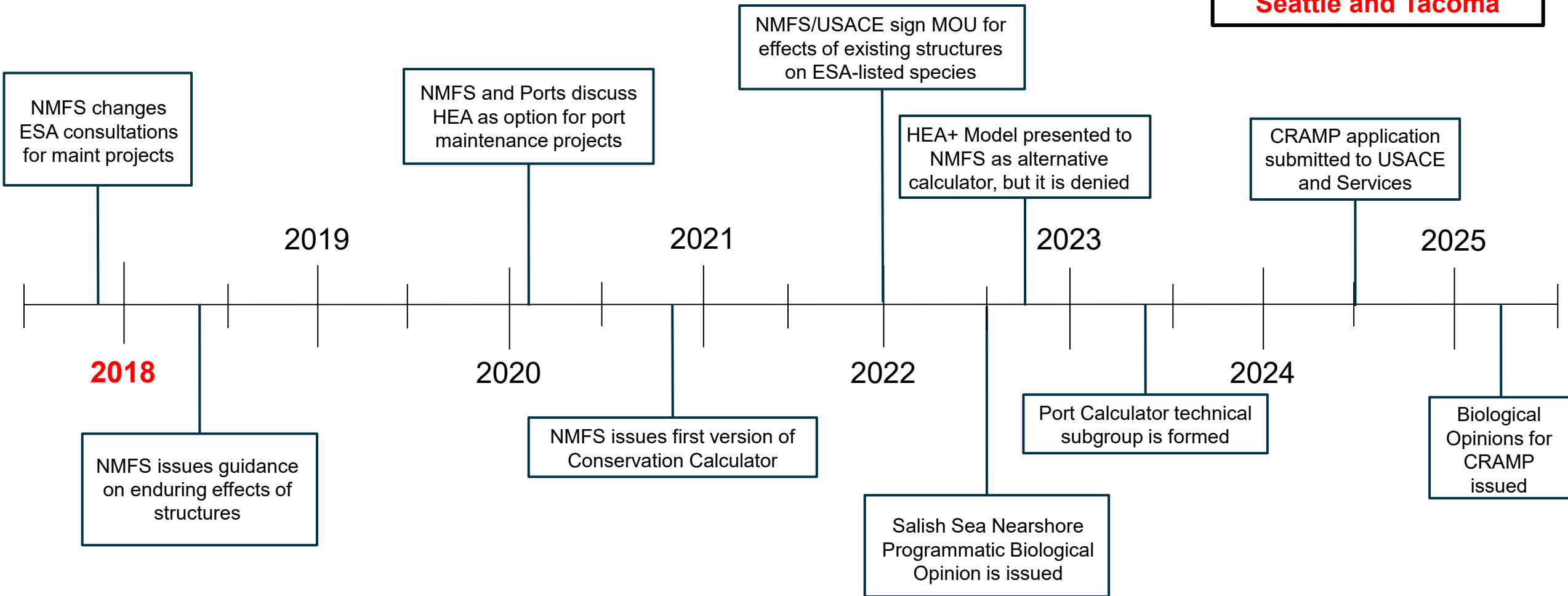


Credit Generating Beneficial Activities

- Pile Removal (creosote and overwater structure)
- Alternative Shoreline Stabilization
- Derelict Piles and Debris Removal
- Scientific Studies and Experimental Habitat Restoration

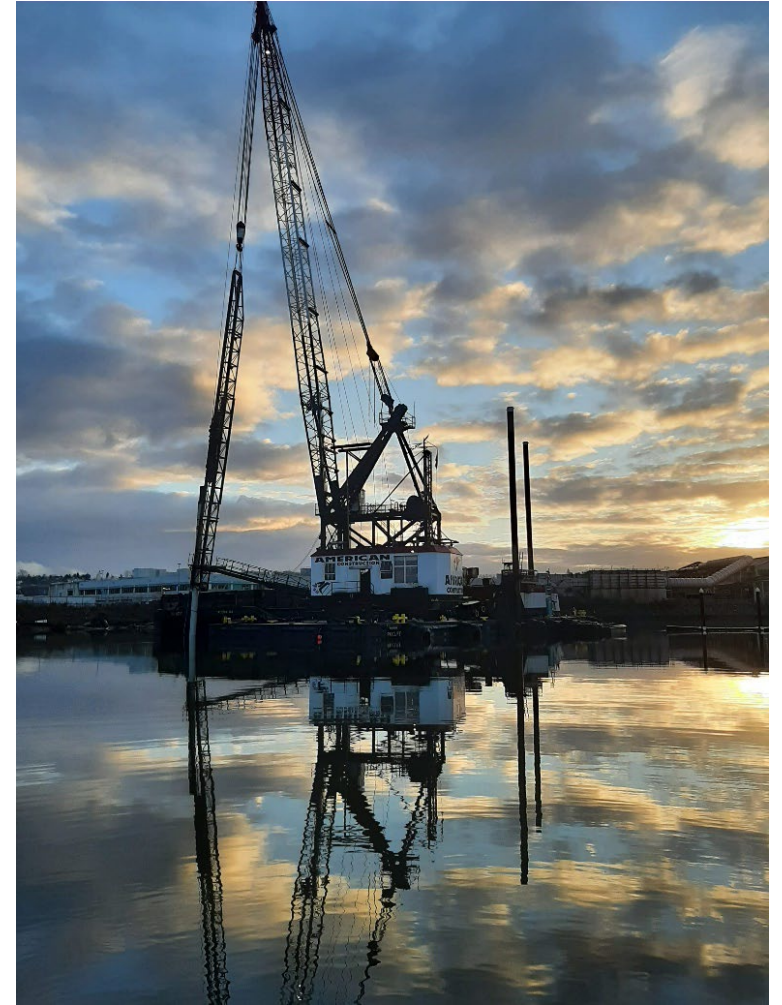


Timeline for Approval

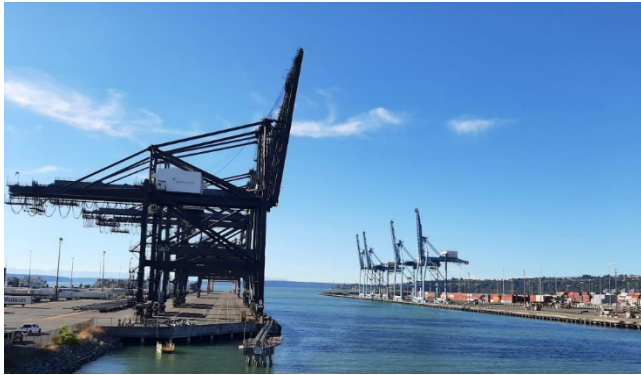


Growing Pains (ahmm...cramps)

- ESA consultation
 - Extended (perhaps excruciating) “Process”
 - Regulation of 6PPD-q
 - How do we trade debits and credits internally?
 - Advanced mitigation credits
- 401 certification
 - Pre-project notification requirement
 - Ecology organizational structure – not flexible with large program of activities
- Conditional CZMA
 - Tied to Shoreline Exemptions from City of Seattle and City of Tacoma
- HPA
 - Does not cover all activities (PoT)
 - No HPA (yet) for PoS



Now What?



- Project planning and design coordination with PM and CM teams
- Implementation and Compliance
 - Special conditions (Tribal notification, CERCLA, MTCA, 106, 408)
 - ESA consultation:
 - Per project calculator review
 - Annual ledger and meeting
 - Annual report to USACE, Ecology
- Future Umbrella Conservation Bank
- Planning for next 10-year permit (2035-2045)

Thank You!



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