



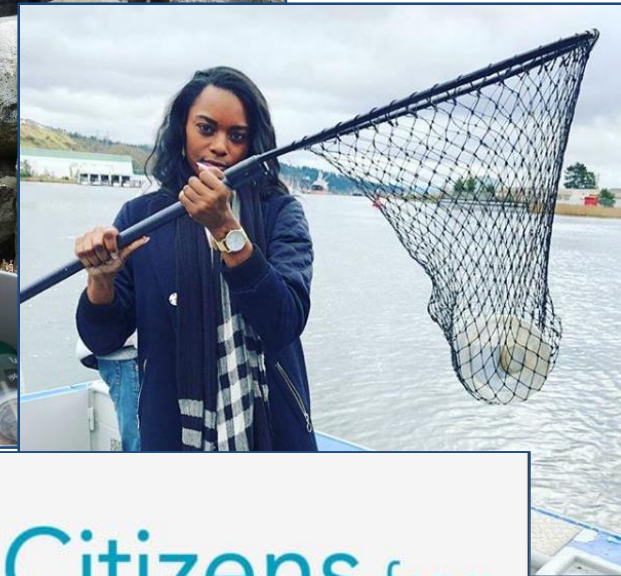
Commencement Bay Debris Removal

Jason Jordan
Director, Environmental and Planning Services

Citizens for a Healthy Bay Bay Patrol



- Responsible for:
 - Notification when pollution is observed;
 - Attempt to identify source;
 - 100 patrols/year in Commencement Bay;
 - Focus on habitat site restoration locations;
 - Identifying and reporting hazards/obstacles impeding commercial marine traffic.
- Supported by contracts with:
 - Port of Tacoma
 - City of Tacoma



Citizens for a
Healthy
Bay

Citizens for a Healthy Bay Bay Patrol



On-the-Water Patrol / Clean Water Enhancement:

Port Of Tacoma 069637
By: Tarin Todd, Bay Patrol Director
2013 End Of Year Report

Bay Patrol Highlights:

A total of 103 on the water patrols were conducted during 2013, focusing on point source and non-point source pollution. These patrols included days, evenings and weekends.

Major highlights from 2013 include:

- 1/25/13 Sinking of the Helena Star, large sheen resulting, covering almost a third of the Hylebos Waterway
- 2/12/13 Patrolled and inspected for a sheen on the Hylebos Waterway after receiving a call from DOE spills group. No obvious source located.
- 4/12/13 Bay Patrol with EPA Deputy Director of Water
- 5/2/13 Respond to location on Puyallup River where a "sunken boat" was reported to be
- 6/13/13 Underway with DNR staff to inventory and mark pilings for removal on Fox Island
- 7/15/13 New CHB Bay Patrol Director takes over position
- 7/16/13 Patrol with DNR Derelict Vessel Staff and Tacoma Fire Dept. Asst. Chief to post "intent to seize" notices on the Helena Star and Golden West
- 7/20/13 Kayak Patrol during restoration events at Yokwala, Squally Beach and Skookum Wulge
- 8/2/13 Underway to investigate report of a large sheen on the Foss near the 96er's, determined to be runoff from recent rainfall after a long dry spell
- 8/9/13 Underway during the Underwater Music Fest, providing clean boating education
- 8/20/13 Patrolled the Port area with DOE permit writers
- 8/24/13-8/25/13 Clean boater education at the annual Maritime Fest
- 8/28/13 Patrol with DNR Derelict Vessel Staff to survey and confirm vessels on

Water Pollution Hotline

A total of 53 water pollution calls were received during 2013 to the City of Tacoma & CHB's water pollution hotline. Notable calls include:

- 1/25/13 Sinking of the Helena Star
- 3/12/13 Report of an illegal live aboard at Johnny's Dock Marina
- 4/08/13 Garbage filled skiff reported on the Puyallup River
- 5/06/13 Overflowing sewer, running into storm drain
- 6/18/13 Report of maintenance being performed on a barge on the Hylebos without proper BMPs
- 7/30/13 Truck with ruptured fuel tank on Forland Ave. and East 64th
- 8/23/13 & 8/25/13 Reports of 2 mystery sheens on the Foss Waterway
- 12/24/13 Shore side construction and debris clearing near Browns Point without proper BMPs

All pertinent calls are reported to the City of Tacoma Environmental Services or appropriate responding agency. If the calls posed a major environmental threat, the National Response Center and State Emergency Management were notified.

• Compensation:

- 2018 annual contract: \$35,000 (\$8,750/quarter)

• Deliverables:

- Quarterly reports (locations, personnel involved and activities of patrols)
- Annual report (activities related to spills, vessel management, environmental stewardship, etc.)
- Stakeholder status update *presentation to the POT Commission*

Citizens for a Healthy Bay Bay Patrol



- Clean Boating Kits:
 - Contain absorbent pad, bilge pillow, and fuel bib
 - Provided during public outreach and spill response



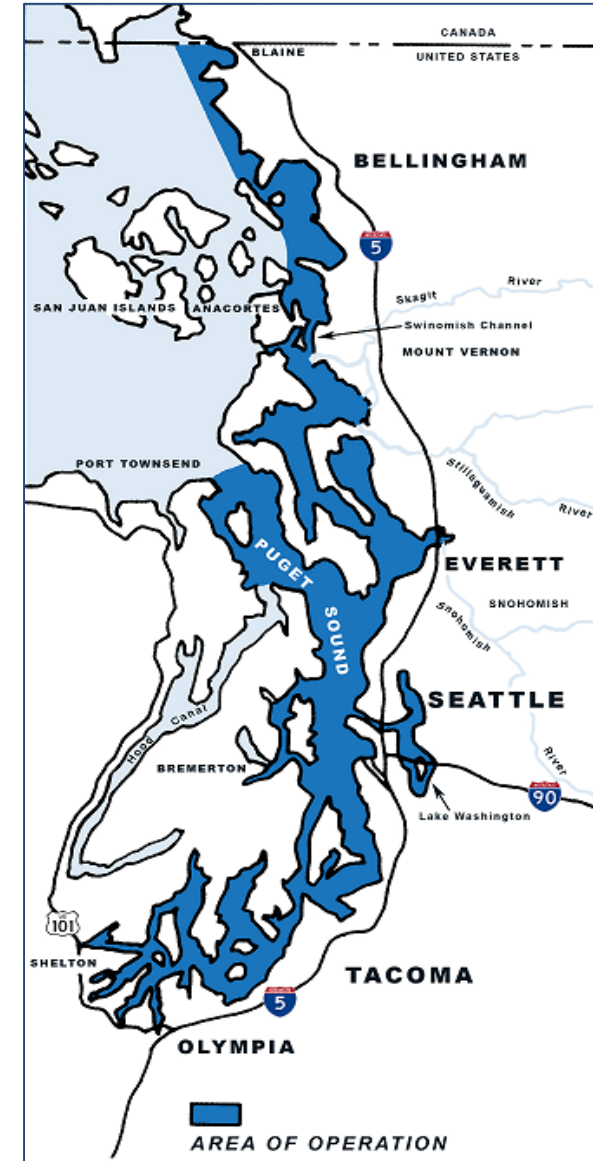
Clean Boating Program:

A total of 310+ Clean Boat Kits were handed out in 2013 at events such as Maritime Fest, Chum Fest, Foss Harbor Days, Tacoma Yacht Clubs Daffodil Parade Weekend and Underwater Music Fest.

US Army Corps of Engineers Debris Recovery



- The Corps' M/V Puget:
 - Patrols inland waters of Puget Sound;
 - Removes obstructions to navigation, to include sunken vessels;
 - Removes trees, brush and other debris that may obstruct navigation or promote flooding.



Department of Natural Resources Recovering Derelict Vessels



• DNR's Derelict Vessel Recovery Program:

- 2017-19 biennium budget of \$2.5M
- Funds used to reimburse public entities' cost to remove and dispose of derelict vessels
- Reimbursed costs to remove Helena Star (\$1.1M) and Golden West (\$594K) from Hylebos Waterway (pictured below)



WORKING TO HELP LOCAL AGENCIES REMOVE PROBLEM BOATS

The following authorizing public entities may remove derelict or abandoned vessels within their jurisdictions:

- DNR
- Washington Department of Fish and Wildlife
- Washington State Parks and Recreation Commission
- Metropolitan park districts
- Port districts
- Cities, towns, or counties with ownership, management, or jurisdiction over the aquatic lands where the vessel is located.



DNR can assist those entities in funding removal in the following ways:

- Reimbursement of up to 90% of the cost of removal and disposal.
- Remaining 10% of the cost can be in the form of "in-kind" services.
- Authorized public entities not able to undertake the removal of a derelict vessel may ask DNR to assume the lead.
- Priority for the use of funds is for vessels in danger of breaking up, sinking, or blocking a navigational channel, or vessels that present a risk to human health, safety or the environment.
- Providing guidance and assistance to agencies.

Port of Tacoma Derelict Vessel Removal



Vessel removal: approximately \$13,000



Port of Tacoma Derelict Vessel Demolition



Vessel demolition and disposal:
approximately \$15,000



Port of Tacoma Response to Submerged Equipment



Forklift removal and clean-up:

- Labor: \$16,372
- Crane rental: \$9,437
- Divers and consultant: \$19,267

Total: \$45,076

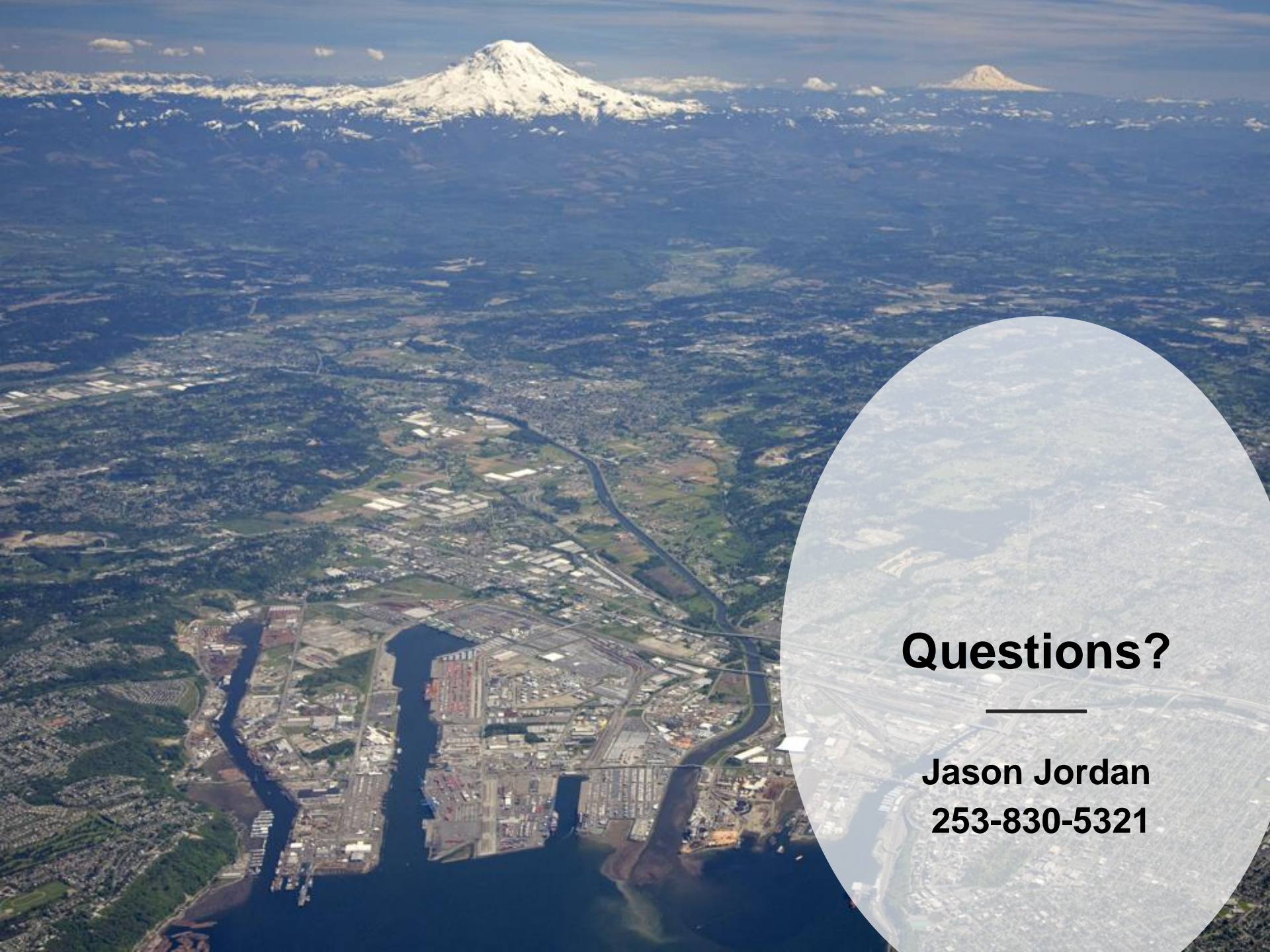
Debris Removal: Hitting Close to Home



[Jenn's List \(1\)](#)

[Jenn's List \(2\)](#)

[Jenn's List \(3\)](#)



Questions?

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