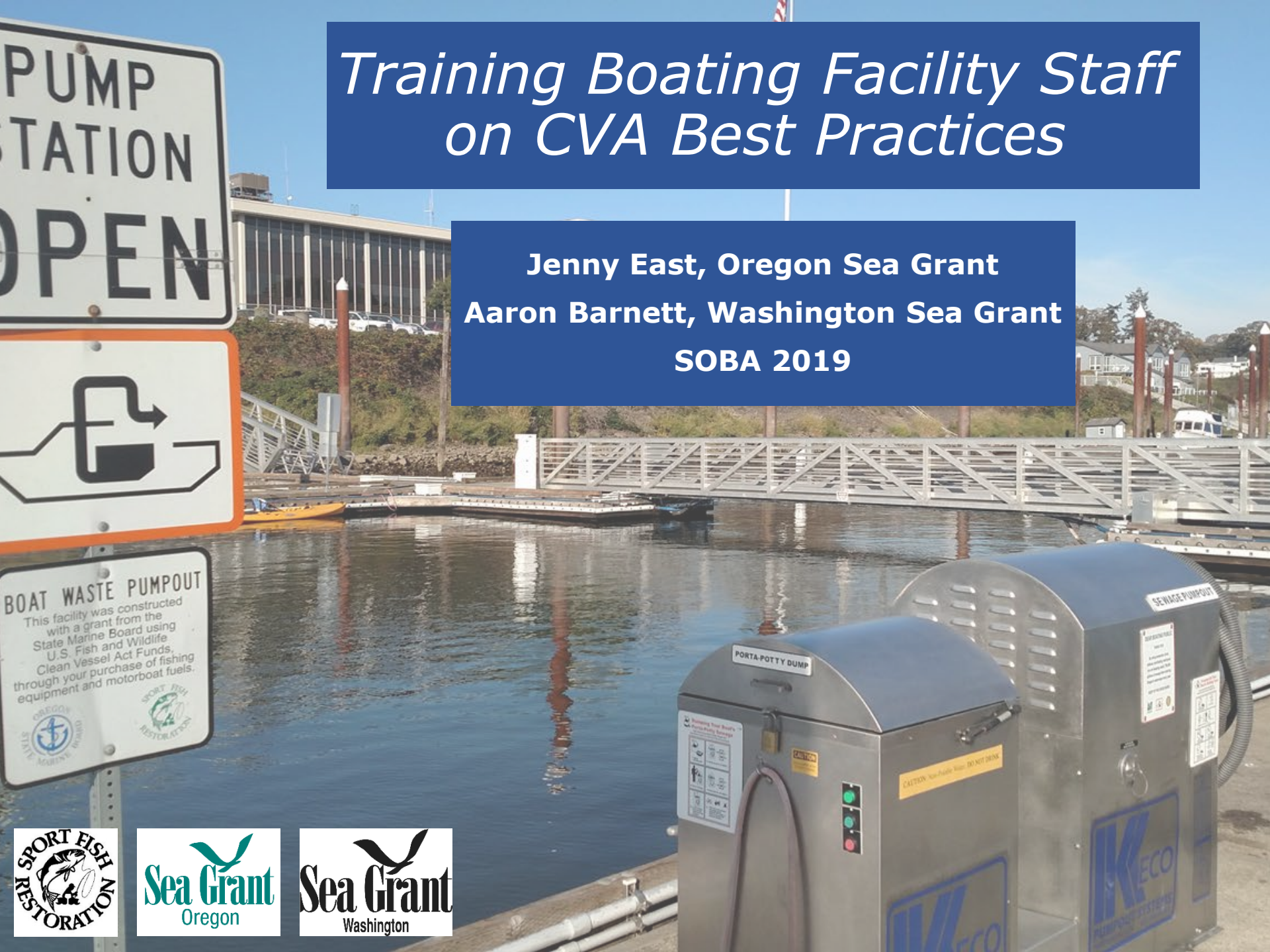


# *Training Boating Facility Staff on CVA Best Practices*

**Jenny East, Oregon Sea Grant  
Aaron Barnett, Washington Sea Grant  
SOBA 2019**





# Proper Disposal of Boater Waste is a Team Effort



# Strategies in Oregon



Visits to **80** CVA funded facilities throughout the year.

- Check-in with staff
- Test equipment
- Train new staff

Site:

Date:

Staff Interviewed:

### Pump-out

*Maintenance updates:*

*State of the parts:*

|                       | New | Used | Replace | Missing |
|-----------------------|-----|------|---------|---------|
| Enclosure             |     |      |         |         |
| On/Off Buttons        |     |      |         |         |
| External Hose         |     |      |         |         |
| Sight Glass           |     |      |         |         |
| Rotating Valve/Handle |     |      |         |         |
| Nozzle Tip            |     |      |         |         |

*Performance testing:*

|         | Seconds |
|---------|---------|
| Test #1 |         |
| Test #2 |         |

*Hour Count on Meter:*

|                  |  |
|------------------|--|
| Current          |  |
| Prior Site Visit |  |

CONTACT NUMBER (for out of service issues?)

**\*\*PHOTOS\*\***

New (3) – Used (2) – Replace (1) – Missing (0)

New (looks new, minor defects, no sig cracks) – Used (Looks used, working, not affecting performance)

Site:

Date:

Staff Interviewed:

### Portable Toilet Dump Station

*Maintenance updates:*

*State of the parts:*

|                | New | Used | Replace | Missing |
|----------------|-----|------|---------|---------|
| Enclosure      |     |      |         |         |
| Lid            |     |      |         |         |
| Hinges         |     |      |         |         |
| Non-slip pads  |     |      |         |         |
| On/Off Buttons |     |      |         |         |
| FW Rinse Hose  |     |      |         |         |

FW basin rinse working? Yes No

*Performance testing:*

|         | Seconds |
|---------|---------|
| Test #1 |         |
| Test #2 |         |

*Signage Inventory:* How many? Placement? Condition?

International Logo:

Credit Sign (type):

Unit Labels:

Visual Instructions:

Location Sign:

# Example of Inventory Form

# Response to Site Visits



- Staff have expressed their appreciation for the check-in
- Staff have reported that they have learned more about the equipment and expectations
- The site visits have helped to establish a consistent routine

**Value to Staff – Value to State Agency – Value to Boaters**



# Online Training Resources

**Video focus:** on-going maintenance strategies and basic troubleshooting for marina staff.

The training videos were developed through feedback from several partners.




Search

## Recreational boating

14 videos • 288 views • Last updated on Aug 14, 2017

⌵ ⌵ ⋮


Oregon Sea Grant helps recreational boaters keep coastal waters and the Columbia River clean



Oregon Sea Grant

**SUBSCRIBE 3.1K**


3



**Portable Toilet Dump Station Maintenance Guide**  
5:31

Chs. 1-2: How to Maintain a Dump Station for Portable Toilets  
Oregon Sea Grant


4



**Pumpout System Maintenance Guide**  
12:29

Chs. 1-6: How to Maintain a Pumpout Station  
Oregon Sea Grant


5



**Pumpout System Introduction**  
2:08

Ch. 1: Introduction to Peristaltic Pumpout Station  
Oregon Sea Grant


6



**Pumpout System Weekly Maintenance**  
3:01


Ch. 2: Weekly Maintenance for Pumpout Station  
Oregon Sea Grant

7



**Pumpout System Quarterly Maintenance**  
2:56

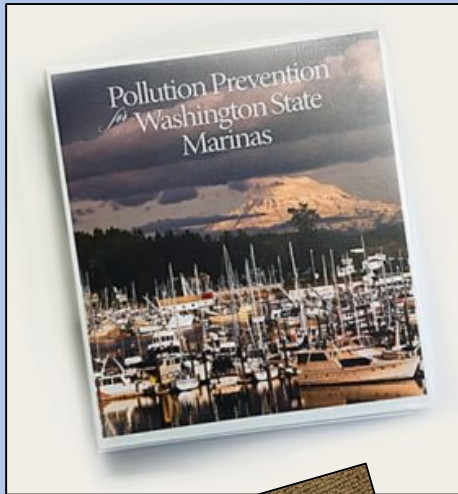
Ch. 3: Quarterly Maintenance for Pumpout Station  
Oregon Sea Grant



Ch. 4: Annual Maintenance for Pumpout Station

**Posted at Oregon Sea Grant's YouTube Channel  
under "Recreational Boating"**

# Strategies in Washington



- Inventory visits in 2019
- Does the public have access to the equipment?



# Strategies in Washington

- Have a maintenance plan
- Know how to service the equipment
- Ensure the operator is aware of O & M\*



# Strategies in Washington

- Keep nozzle assemblies open for adapters (optional)
- Have adapters on hand at point of pumpout
- Check flow rate









# Recommendations

- Reflect on your current monitoring practices
  - How often do you follow-up with marinas post-installation?
- Periodic check-ins can help marinas understand their roles and responsibilities related to the CVA program
- Consider your resources (staff/time/funds)
  - What is the feasibility of conducting visits in your state?



# Recommendations

- Prioritize the opportunity to listen to **staff** experiences with the equipment
  - Be strategic with which staff you speak with!
- Consider your methods for collecting and reporting information
  - For example, if you partner with an external organization to conduct visits
- Connect with other states to learn more from their experiences

# Questions

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