



Protect the Sound from human waste

BOATERS, WHAT'S THE STINK ABOUT?

**Pump Out,
Don't
Dump Out!**



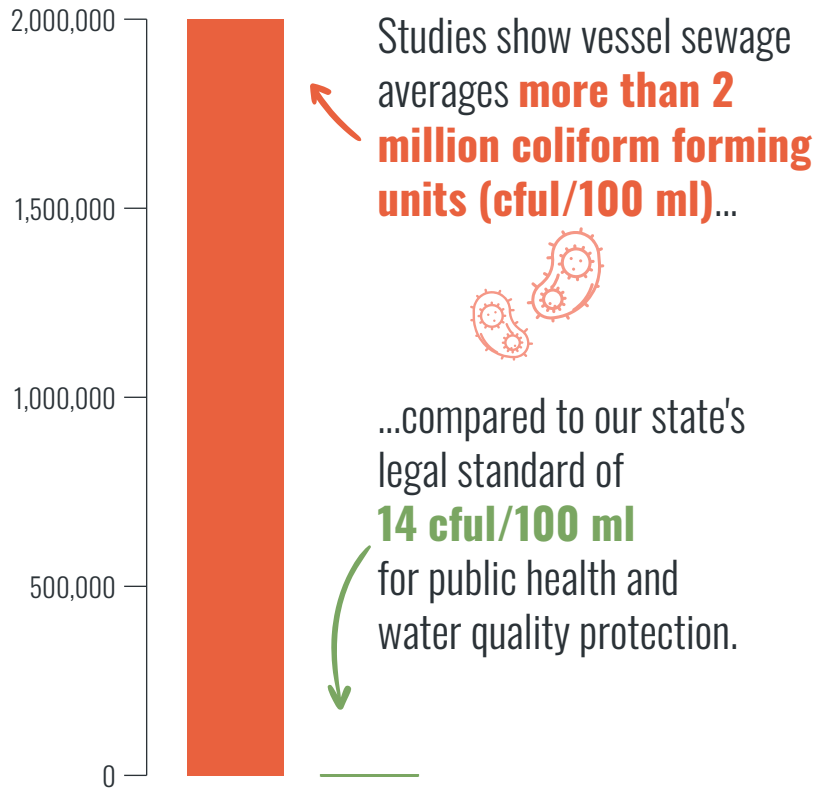
**Sam the
Clam**

There are **153,000**
recreational boaters
in Puget Sound



Recreational vessels in
Puget Sound produce about
47.7 million gallons
of concentrated sewage per year.

When boaters release raw or
partially-treated sewage
from their vessels, high
levels of disease-carrying
pathogens and holding tank
chemical additives enter the
Puget Sound, rendering the
water unsafe.



Additives to improve the smell of your
holding tank often contain hundreds of
chemical compounds that negatively
impact our water quality.

Human waste contains bacteria,
viruses and parasites, which could
lead to the closure of swimming
beaches and shellfish harvest beds.

Shellfish filter great quantities
of salt water and quickly
bio-accumulate disease-
carrying bacteria, viruses,
and other microorganisms
when exposed to even small
amounts of sewage.

KEEP SOUND WATERS **CLEAN**

In 2018, Puget Sound was
designated as a Vessel
Sewage No Discharge Zone
(NDZ) to address this
source of pollution.

Every year, boaters can
divert millions of gallons
of vessel sewage from
Puget Sound by using
pumpout stations.



Download the FREE Pumpout Nav app
to see the No Discharge Zone and locate
pumpout stations near you.

PumpoutWashington.org

Report Illegal
Discharges at:
206-594-0000 or
nwroerts@ecy.wa.gov

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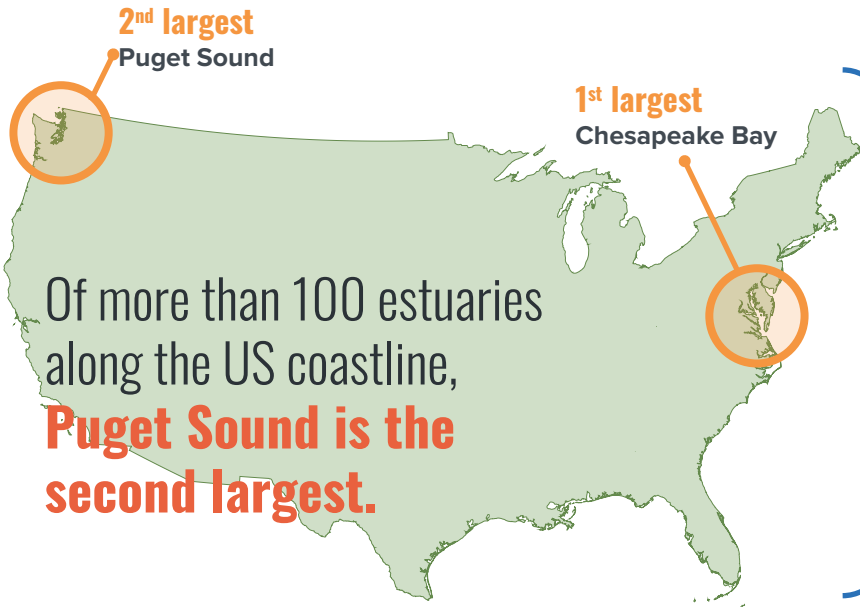
Puget Sound is a unique marine environment

Pump Out,
Don't
Dump Out!

PROTECT THE SOUND FROM HUMAN WASTE



Oly
Oyster

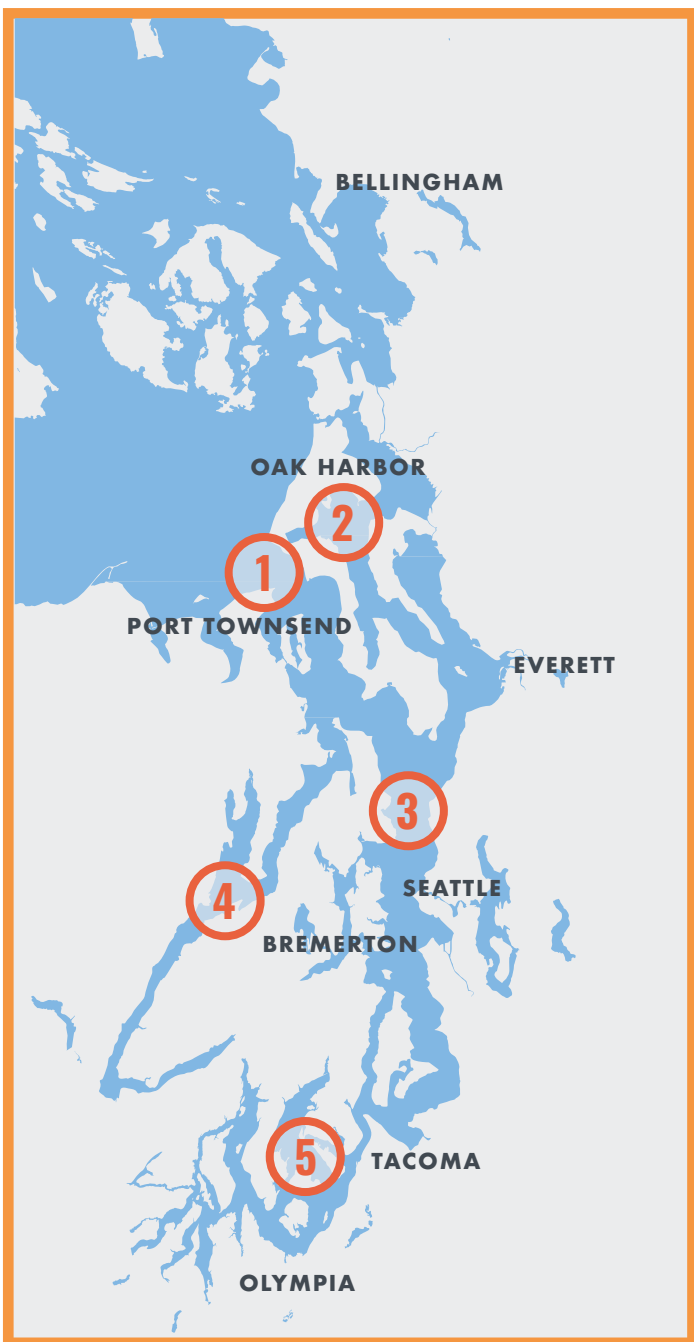


Estuaries—where freshwater and saltwater merge—are among the most productive places for life to exist.

They are home to thousands of species of birds, mammals, fish, and other wildlife, including more than two thirds of the fish and shellfish harvested domestically in the US.

Puget Sound is made of 4 deep basins separated by prominent rises in the seabed.

These basins play a major role in the circulation of water in Puget Sound, limiting the water's ability to flush out pollution and restore healthy oxygen levels. Because of this limited circulation, Puget Sound is a sensitive marine environment that is extremely susceptible to pollution.



Puget Sound has 4 or 5 genetically distinct populations of oysters, corresponding roughly to the different basins that make up the sound.



1. Admiralty Inlet
2. Whidbey Basin
3. Central Basin
4. Hood Canal
5. South Basin



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Puget Sound is a vital part of Washington's economy

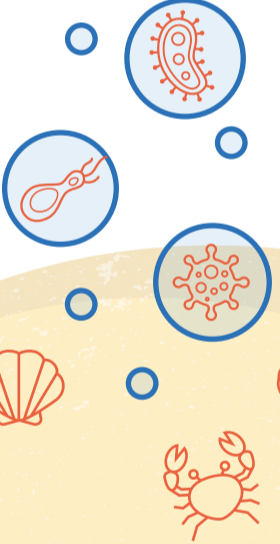
ECOLOGY, CULTURE, AND ECONOMY **AT STAKE**

Washington State's aquaculture industry is the **largest in the nation**, contributing an estimated **\$184 million** annually and employing more than **3,200 people**.

WHAT'S THE STINK ABOUT THE NO DISCHARGE ZONE?

Recreational vessels in the Puget Sound produce about **47.7 million gallons** of concentrated sewage per year.

When boaters release raw or partially-treated sewage from their vessels, high levels of disease-carrying pathogens and holding tank chemical additives enter Puget Sound.



Shellfish filter great quantities of salt water and quickly bio-accumulate disease-carrying bacteria, viruses, and other microorganisms when exposed to even small amounts of sewage.

Commercial shellfish bed closures threaten up to **2,700 jobs** and upwards of **\$70 million** in income per year. Closures can also impact the harvest rights of tribes.

More than **650 acres** of commercial shellfish beds have been **re-opened** to date as a result of the Puget Sound **No Discharge Zone rule!**

Sewage pumpouts = A healthy shellfish industry!

Pump Out, Don't Dump Out!



Shelly Shellfish



Puget Sound is a **No-Discharge Zone**



Compliance with NDZ is critical for protecting and recovering shellfish beds throughout the Puget Sound.



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