

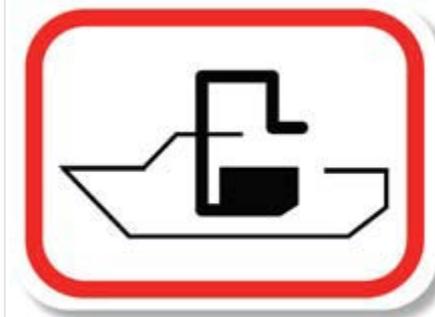
PUGET SOUND NO DISCHARGE ZONE FOR VESSEL SEWAGE



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Current Laws

- Vessel discharges regulated by fed law. MSD's required within 3nmi from shore. Beyond 3nmi from shore, fed law permits the discharge of untreated sewage.
- Washington State Law goes beyond 3nmi from shore in some areas (up to the border with Canada). Unlikely that vessel sewage discharges meet State's water quality standards even when treated (some advanced treatment systems may).

Chapter
90.48 RCW
state waters,
authority, no
pollutants
discharged

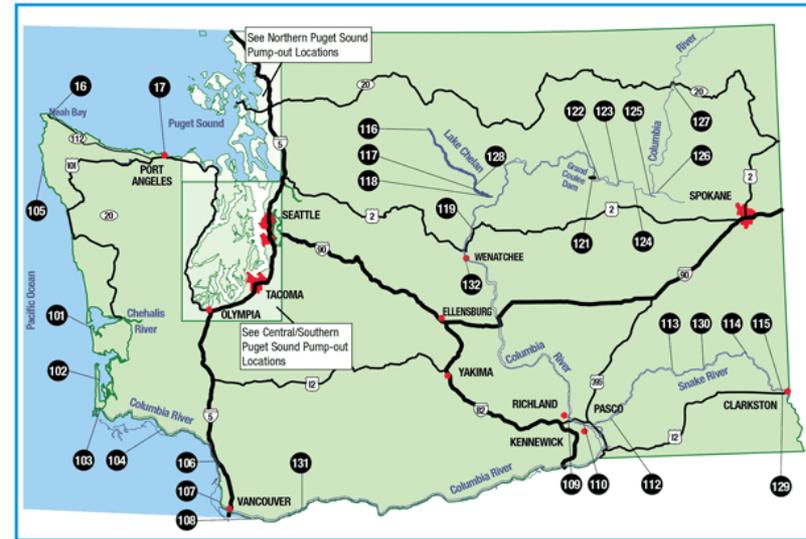
Chapter 173-
201A WAC
water quality
standards



Why designate?

- Prevent pathogen (bacteria, viruses...), nutrient loading and toxic chemicals to Puget Sound from vessel sewage.
 - >260,000 vessels statewide
 - Traditional marine sanitation devices (MSD's) not protective
 - Shellfish areas, swimming beaches – human health
 - Nutrients – low dissolved oxygen, poor water quality, aquatic life
 - Action Agenda – Puget Sound Partnership – Save the Sound
 - Vessel sewage not the root cause of impairments or closures, but contribute.



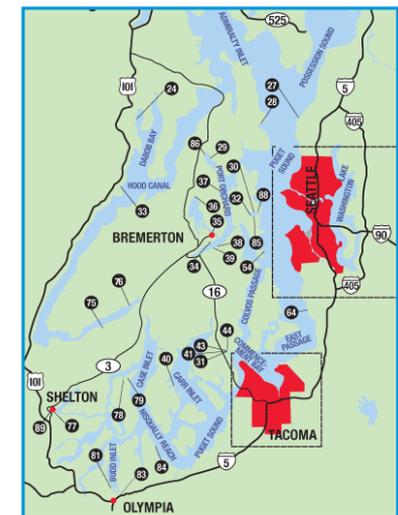


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Process

- Gather Information on vessels, pumpouts, and other information needed for a petition. — See where pumpouts are and where we need more, fix.
- Find funding for more pumpouts and improvements — put in infrastructure
- Final Petition
- Implement

◆ Central/Southern Puget Sound Pump-Out Locations



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Where we are at now – Phase I

- Research Petition Requirements and petitions
- Review existing literature and studies
- Gather vessel pump-out information
- Prepare survey materials (to marinas/ports and vessel owners/associations)
- Create stakeholder list/draft web page
- Advisory Committee



Where we are at now – Phase I cont.

- Contract with Herrera
 - Now through July 2012
- MOU with People For Puget Sound
 - Doing legwork, passing that onto consultants – efficient, shortened timeline, assistance





Phase II

- Conduct surveys
- In-depth review of vessel usage/type data
- Cost/benefit evaluation
- Stakeholder Outreach – continue/expand
- Analyze geographical locations
- Evaluate how implement
- August 2012 – July 2013



Phase III and beyond

- Draft Petition to EPA ~ September 2013
- Funding for new pumpouts and improvements
- Infrastructure
- Education
- Implement

Outreach

Throughout the process

- ID
- Meet with stakeholders, associations
- Website
- Input
- Ideas?



Questions?

