

WASHINGTON STATE DEPARTMENT OF ECOLOGY

WATER QUALITY PROGRAM

Amy Jankowiak, Compliance Specialist, NWRO

(425) 649-7195

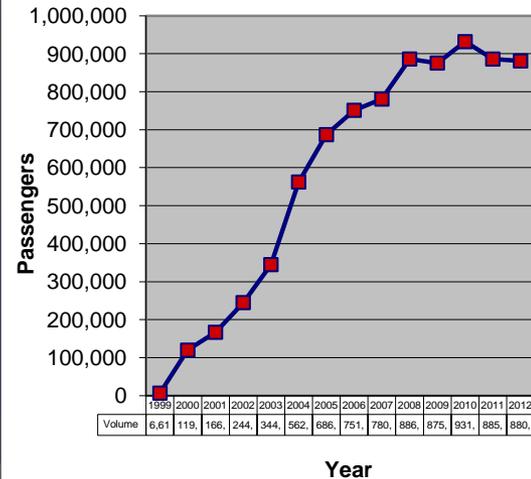
ajan461@ecy.wa.gov

- Ecology Website: <http://www.ecy.wa.gov/ecyhome.html>
- Cruise Ship Website:
http://www.ecy.wa.gov/programs/wq/wastewater/cruise_mou/index.html

Why Focus on Cruise Ships

- Protect State waters
 - Moving outfall
 - Various waste streams
 - Operating a treatment system with volume discharges
- Unique shape of State/marine waters
 - Ships can be greater than 3nm from shore and still in WA waters
 - The Puget Sound is the second largest estuary in the U.S. with poor flushing
- Shellfish protection – public health
 - Over 1000 miles of Approved and Prohibited Area shellfish shoreline
- Regulation

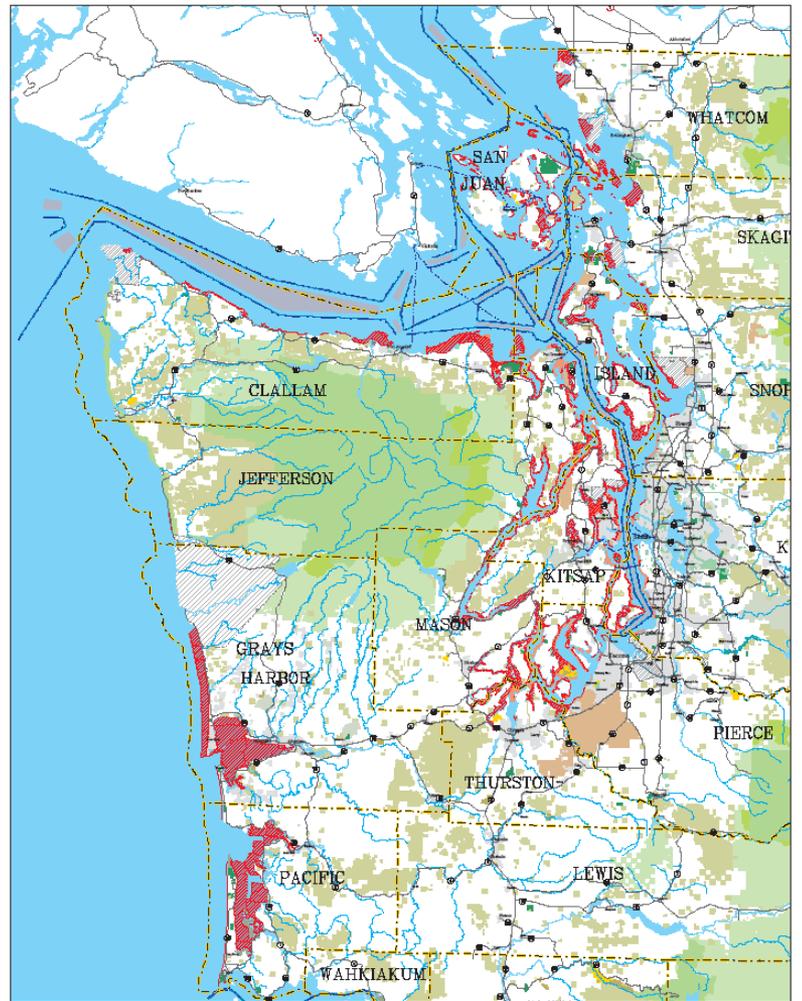
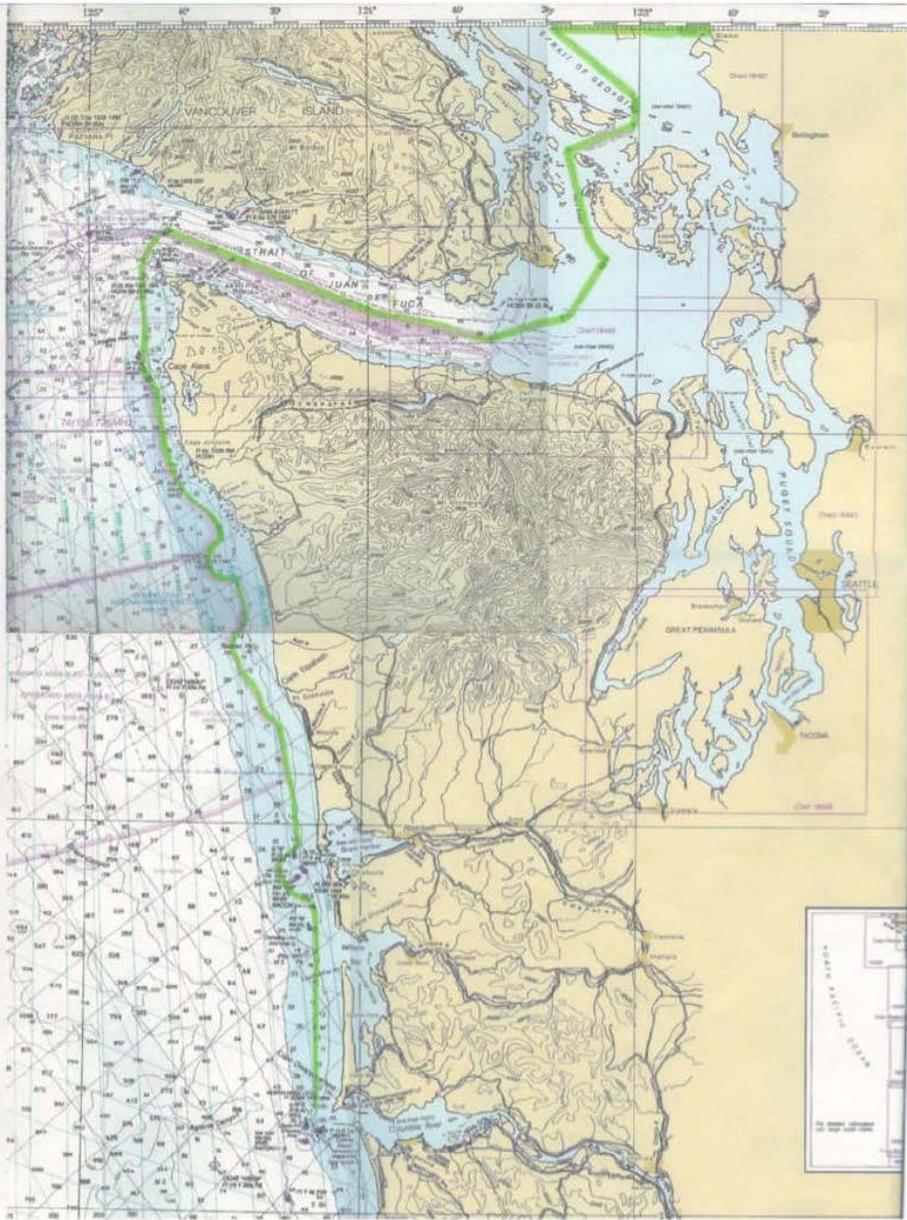
Passenger Volume to the Port of Seattle



OUR ROLE / MISSION

To protect, preserve and enhance Washington's environment, and promote the wise management of our air, land and water

To protect and restore Washington's waters



Ship Lanes and Shellfish Washington State Marine Waters

-  Commercial Shellfish Area (WDOH, 2005)
-  Geoduck Tract Area (WDFW, v.1992)
-  Shellfish Beach
-  Washington State Private Ferry Routes (WDOT, 1999)
-  Commercial Shipping Lanes (NOAA)
-  Vessel Separation Zone (NOAA)
-  County



Scale 1:500,000
0 1 2 Miles

CRUISE SHIP DISCHARGES

MEMORANDUM OF UNDERSTANDING CRUISE OPERATIONS IN WASHINGTON STATE



The MOU

- Covers cruise association (NWCCA) member lines (vast majority of large cruise ships), since 2004
- Defines “Waters subject to the MOU”
- Prohibits untreated blackwater and untreated graywater discharges
- Only allows blackwater/graywater discharges if advanced treatment, approval process, conditions similar to permit
- ½ mile from shellfish beds, immediately stop discharges if problem
- Solid waste, haz waste, oily bilge, etc.
- Inspections, non-compliance notifications
- Annual meeting, annual report, amendments, funding

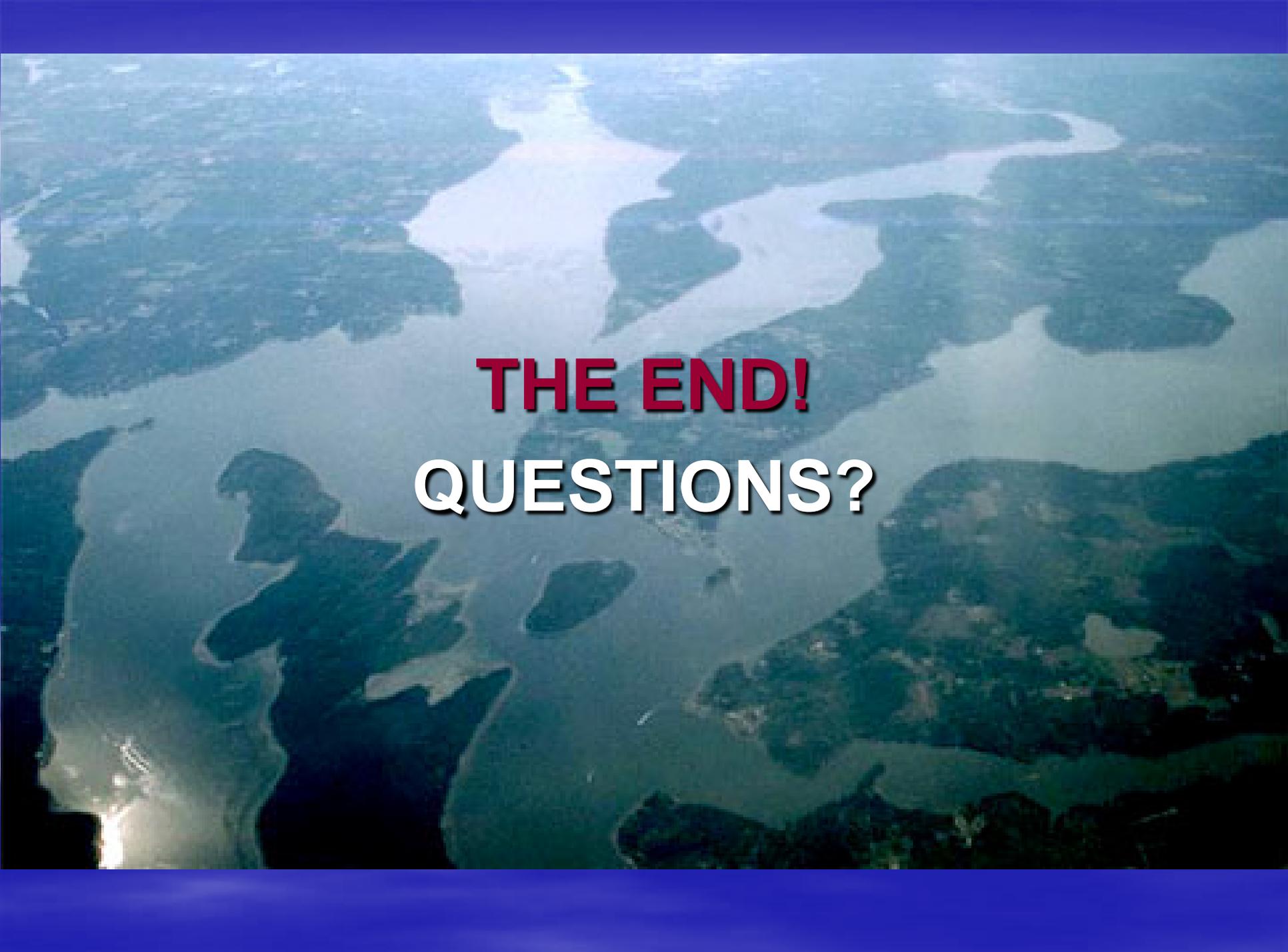
The MOU Overall

■ Benefits

- Without state regulation specific to cruise ships, at least have agreement in place to protect water quality
- Still have enforcement capabilities under WQ Standards and RCW 90.48.080 as well as press coverage if violate MOU
- Learning more about the vessels and equipment
- Open communication with lines and vessels
- Procedure for notification of noncompliance

■ Issues

- Inability to enforce on the agreement itself
- Lack of coverage of MOU for smaller passenger vessels or vessels that are not part of the Association
- Air quality issues not currently covered by the MOU

An aerial photograph of a large, winding river system, possibly a delta or a large reservoir, with the text "THE END! QUESTIONS?" overlaid in the center. The river is light blue and winds through a green, forested landscape. The text is in a bold, sans-serif font, with "THE END!" in red and "QUESTIONS?" in white with a black outline.

THE END!
QUESTIONS?