



Managing Stormwater in Washington

March 3, 2009

Northwest Environmental Business Council



Scene Set

- Northwest Marine Trade Association
- Mission
- Members



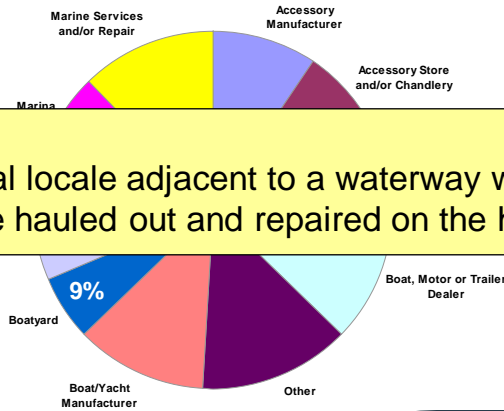


Boater Perspective

- Boaters want clean water



Boating Industry



Boatyard:
A physical locale adjacent to a waterway where boats are hauled out and repaired on the hard.





Seaview Boatyard
Ballard, Wash.





The Challenges

- Bottom paint is required for boats in salt water
- Bottom paint contains copper
- Boats have “zincs” attached to the bottom to protect props, drive shafts and through-hulls.
- Difficult to contain these metals while repairing boats and removing old bottom paint.





Boatyard Permit History

- 1992 – First permit
- 1997 – Second Permit
- 2002 – Should have been new permit
- 2005 – Third permit issued
- Summer 2006 – Appeal before PCHB
- January 2007 – Ruling from PCHB
- July 2007 – Settlement with PSK and Ecology
- September 2007 – Study parameters



Boatyards selected for Study

- Port of Edmonds
 - Technology Used:
Passive Adsorptive Filtration
- Canal Boatyard
 - Technology Used:
Ion Exchange
- CSR West
 - Technology Used:
Electrocoagulation





Permit History Continued

- Sept. '07 - March '08 – Slip-stream study conducted
- March 2008 – Results issued
- June 2008 – Additional cost analysis study
- Nov. 2008 – Ecology issues new draft permit
- January 2009 – Public Hearing



Trends in Boatyards

- Changes in attitude
- Pressure wash areas
- Sealing boats
- Implementing BMPs
- Eliminating DIY
- SWIPP



Feelings

- Proud
 - We want to clean up Puget Sound
 - Stopped litigating
 - Identified technologies that will work
- Frustrated
 - Ecology – Room for improvement
 - Fairness
 - Economic Challenges
 - Property Ownership
 - Capital Improvements
 - Boating Industry shrinking
 - Access to credit



Summary

- Keep working with Ecology
- Keep working with Puget Soundkeeper Alliance
- Keep trying to find the balance:
 - Clean environment
 - Staying in business
 - Who pays for cleanup?



Thank you

- Questions?

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