Controlling Sources to Portland Harbor

A watershed approach to addressing upstream toxics

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DEQ Cleanup= Source Control

- Been at work on SC for over 15 years
- Addressing sources and sediment cleanup upstream of the Site since the 80's.



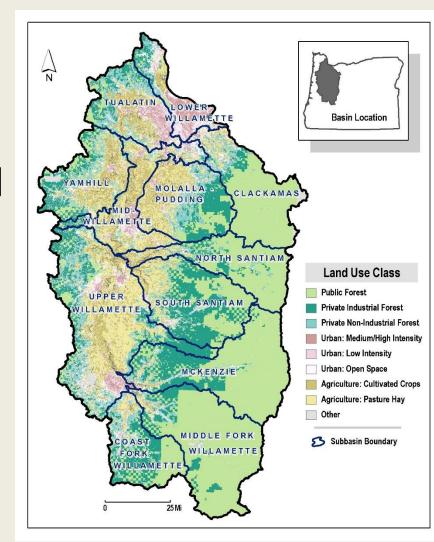
Challenge: ambient toxics and recontamination

- Cleanup actions typically cleanup to "background"
- What if "background" risks are unacceptable?
- What about toxics that the ROD doesn't address?



Tools to achieve the ROD Goals

- In-water sediment cleanup in PH
- PH upland source control
- Ongoing Downtown
 Reach investigation and cleanups
- Upriver sources: Address through watershed strategy





Willamette Watershed Toxics Reduction Partnership

- Identified in PH ROD
- A collaborative effort between EPA and DEQ, Tribal nations, interested agencies and stakeholders
- Goals:
 - Compile existing data;
 - Assess existing efforts and data gaps;
 - Recommend new efforts and strategies to reduce toxics in the watershed coming into Portland Harbor





What do we already know?

- Ongoing monitoring info
- Known contamination sources and sites
- Many sources available
- No one data base covers it all



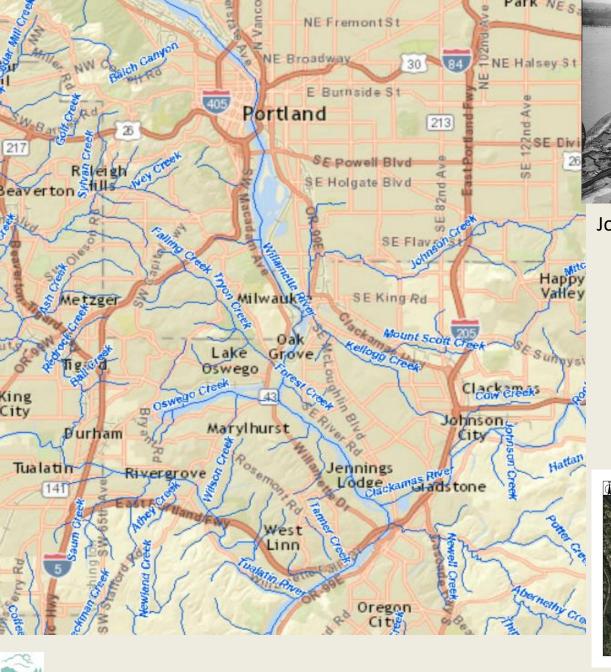
But first, what are we already doing?

- WQ standards
- Permits
- TMDLs
- Agency Toxics Reduction Strategy, pollution prevention
- Collaborations with other agencies and stakeholders
- Measures by other state agencies



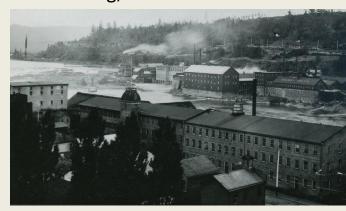








Johns's Landing, Macadam Blvd



Willamette Falls



Johnson and Kellogg creeks, Milwaukee

May 19, 2017

DEQ

Questions?

- Contact Keith Johnson, at 503-229-6431 or johnson.keith@deq.state.or.us
- Other DEQ team members: Andrea Matzke,
 Alex Liverman, Kevin Masterson

And now for the real professional...

