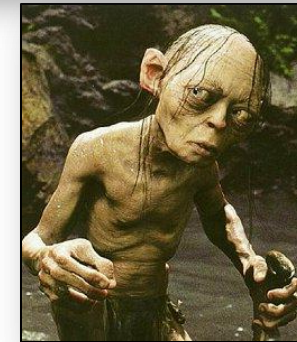


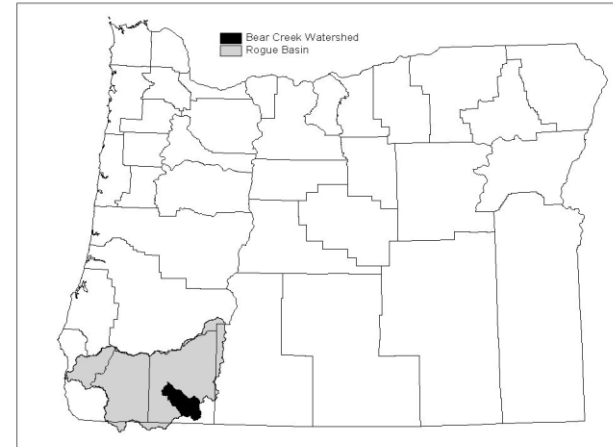
Bear Creek Oregon – Case Study



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Bear Creek Oregon – Overview



- **361 Square Miles**
- **46% Forest**
- **35% Farmland**
- **8% Urban**
- **7% Rural**
- **21% Federally managed.**

Bear Creek – Original Situation

One of the first TMDLs in Oregon: 1992

- Aquatic Weeds and Algae
- Phosphorus
- Dissolved oxygen,
- pH and Ammonia Nitrogen



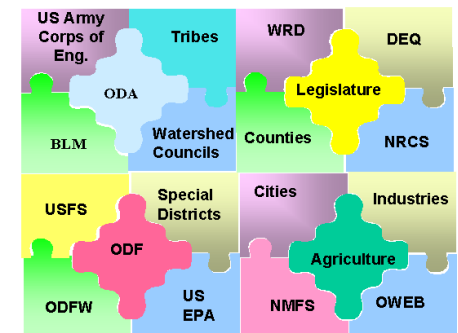
In 2007 TMDL updated:

- Temperature
- Bacteria
- Sedimentation



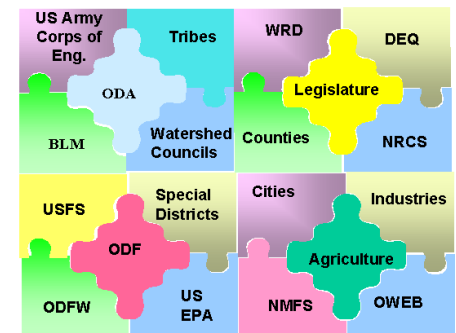
Bear Creek - Who is involved?

- Urban Designated Management Agencies – 6 cities, 1 County
- Federal Agencies
- 3 Large Irrigation Districts
- Rogue Valley Council of Governments
- Oregon Department of Agriculture and growers
- Others – State Transportation, State Parks, Bureau of Reclamation and more.



Bear Creek – Organizational Summary

- Typically Quarterly
- DMA meetings coordinated by Council of Governments.
- Primarily Information sharing group
- Decision process is spelled out up front
- Collaborative approach to solving Water Quality Issues and meeting requirements
- Communication is key
- Financial Commitment



Bear Creek – Barriers & Perspectives

Perceived Barriers:

- It's not our pollution
- Why should we do anything when it comes from: *insert name here*
- We'll never be able to afford this
- Don't have time or staff – not a priority



- DEQ data/analysis is out of date
- There is a lack of local experience
- This is only a regulatory exercise– the public really doesn't care...

Bear Creek Oregon – Drivers for Collaborative Change

- Regulations and Rules continue to develop
- Robust Data Sets – Social and Environmental
- The collective approach
- Defined Group Structure
- Consistency

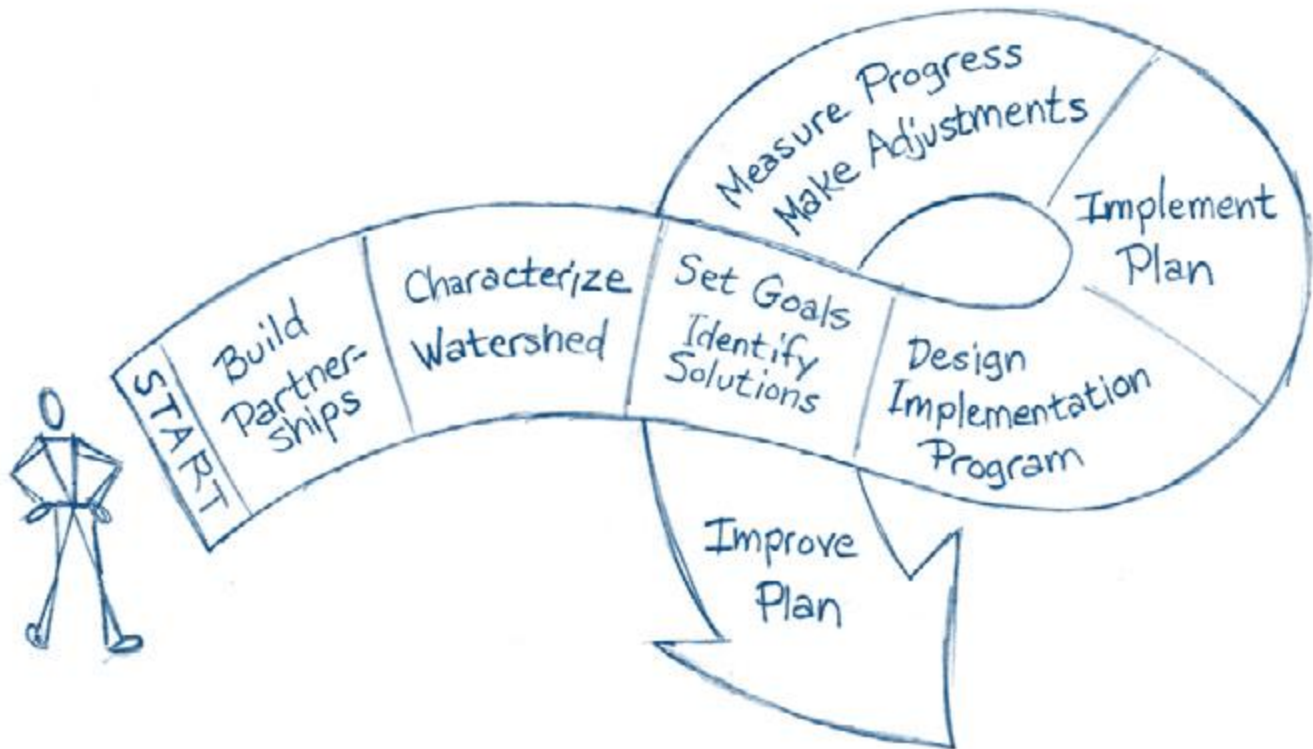


Bear Creek Oregon – Case Study



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Bear Creek Oregon – Lessons Learned

- **Stress a Collaborative approach**
- **Defined Group structure is essential**
- **Take advantage of Institutionalized groups in the basin**
- **Address \$\$ shortages with creative collaboration**



- **Stress Flexibility of actions**
- **Leverage additional support**
- **Note that a shortage of \$\$ can help push regional collaboration**

What Does the Future Hold?

- ✓ Pollution Credit Trading
- ✓ Broad Based Outreach Campaigns
- ✓ Changing Regulations
- ✓ Increasing Volunteer Grassroots Action
- ✓ More improvements: Habitat & Water Quality



Bear Creek - Fall Chinook 2011

Photo North Mountain Park – River Mile 25

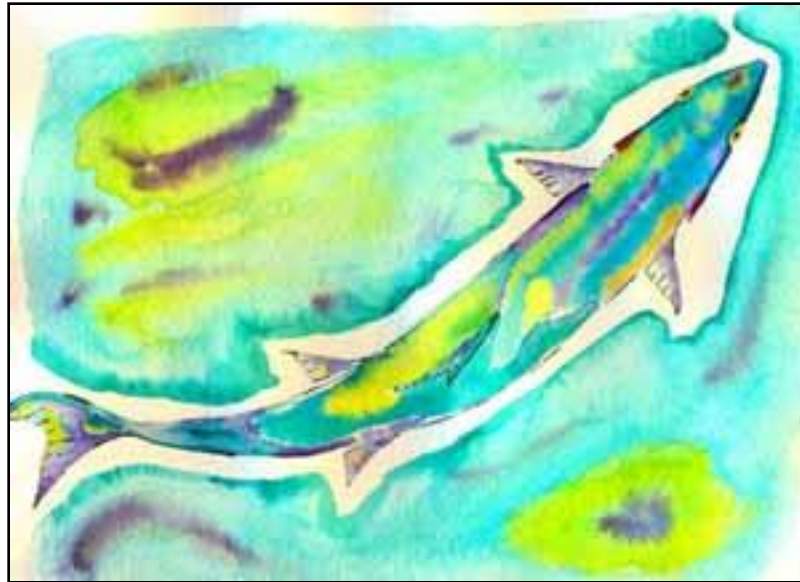


Bear Creek Oregon – Questions?



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