

Fiscal Year 2007

Total Maximum Daily
Loading Scoping Exercise



Scoping Objective

- Review listings of impaired water bodies (Category 5)
- Identify potential projects where the TMDL process can address listings.
- Consider focus WQMA and other regional WQMAs

303(d) List Category 5 Impairments

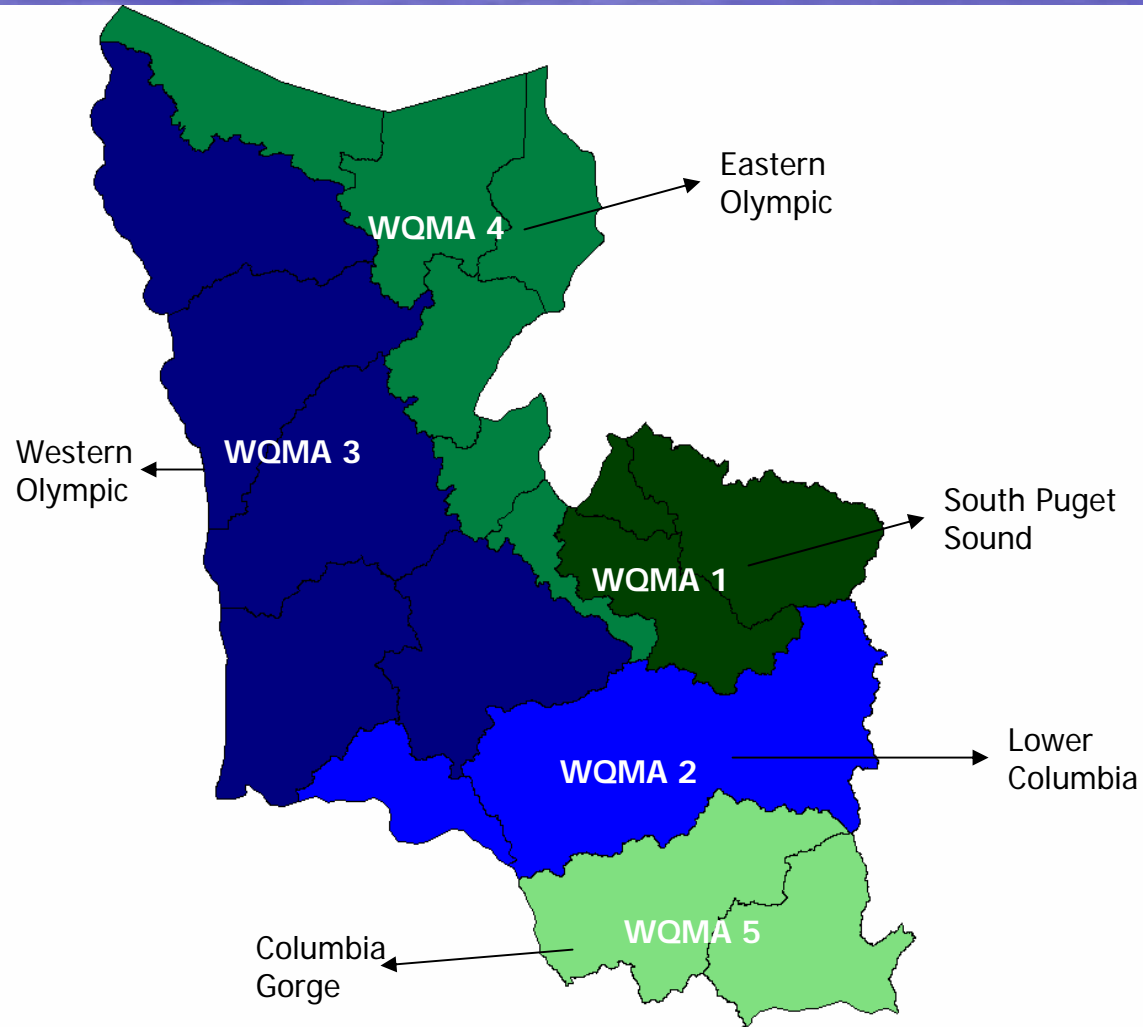
- The Clean Water Act requires states to identify impaired waters (section 303(d))
- Water bodies or reaches classified as Category 1-5
- Total Maximum Daily Loads (TMDL)s must be based upon EPA approved lists and reflect Category 5 impairments.
- 2004 is the most recent EPA approved list

62 Water Resource Inventory Areas Statewide



23 Water Resource Management Areas

Five WQMA's In Ecology's Southwest Region



15 Year Scoping Schedule (1998-2012)

- WQMA 4: FY 1998, 2003, 2008
- WQMA 5: FY 1999, 2004, 2009
- WQMA 1: FY 2000, 2005, 2010
- WQMA 3: FY 2001, 2006, 2011
- WQMA 2: FY 2002, 2007, 2012



Grouping of L. Columbia River and Columbia Gorge 303(d) Listings (Partial List)

L. Columbia	LOWER COLUMBIA RIVER TOXICS	Dieldrin, Total PCBs, 4,4'-DDE	9	Dieldrin (2), Total PCBs (5), 4,4'-DDE (2)
Columbia Gorge	LAKE RIVER TRIBUTARIES	Temp, pH, DO, TP, FC	32	Temp (6), pH (5), DO (7), TP (1) FC (13) listings. Includes Lake River, Gee Creek, Salmon Cr, Curtin, Cr, Weaver Cr, Whipple Cr, Vancouver Lake
Columbia Gorge	LACAMAS WATERSHED	Temp, pH, DO, TP, FC	29	Temp (10), pH (3), DO (13), TP (1), FC (2) listings. Includes China Ditch, China Lateral, Dwyer Cr, Fifth Plain Cr, Lacamas Cr, Matney Cr, Round Lk, Shanghai Cr, Lacamas Lk.
Columbia Gorge	WHITE SALMON RIVER	Temp, FC	8	Temp (3), FC (5). Includes Gilmer Cr, Rattlesnake Cr, Trout LK Ditch, Indian Cr.
Columbia Gorge	LACAMAS LAKE TOXICS	Total PCBs	1	

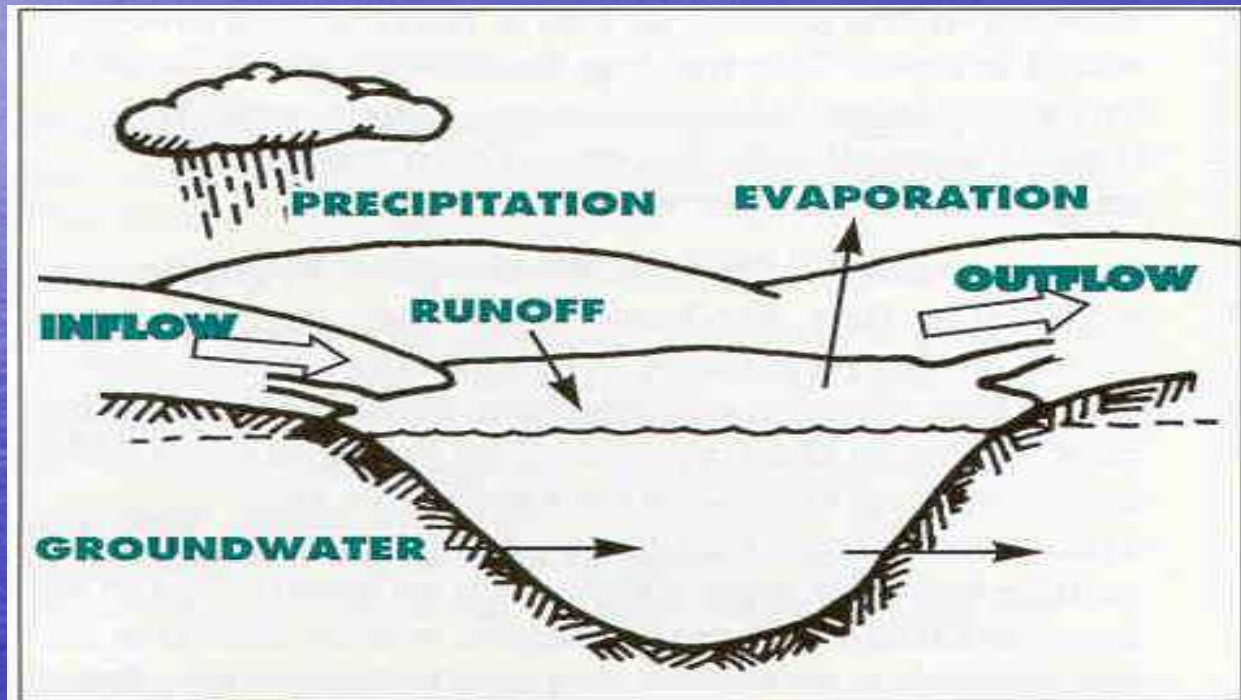
TMDL Selection Considerations

- Number of listings
- Local support/implementation interest
- Ecology staffing impacts
- First priority given to in-basin projects

2007 TMDL Scoping Anticipated Schedule

November/December 2006	Meetings with tribes, stakeholders, and state agency staff
January 2007	Regional Priorities developed
February 2007	Southwest Regional Management Team Recommendation
March/April 2007	Ecology EA Program Workload Evaluation
July 2007	Final Project List

Vancouver Lake Influences



Burnt Bridge Creek

- Originally proposed as an out-of-basin proposal in 2005 scoping process.
- 2004 303(d) List
 - Dissolved Oxygen (5 listings)
 - Fecal Coliform Bacteria (7 listings)
 - Temperature (4 listings)

Benefits of Burnt Bridge Creek TMDL to Vancouver Lake Planning

- Can support better understanding of Vancouver Lake watershed dynamics.
- Can provide information regarding the degree of external phosphorus loading to the lake from the BBC watershed.
- Stakeholder involvement to the TMDL shows water quality commitment in support of watershed efforts.
- Eliminates the need to focus future resources to gather water quality information for BBC.

If Burnt Bridge Creek

- Need to know that there is local interest to participate with Ecology in the TMDL process.

If Not Burnt Bridge Creek

Do you have suggestions for other potential
TMDLs

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Questions?

