



Setting Scenic Waterway Flows

Scenic Waterway Advisory Group-Molalla River; Meeting #2

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June 15th, 2015

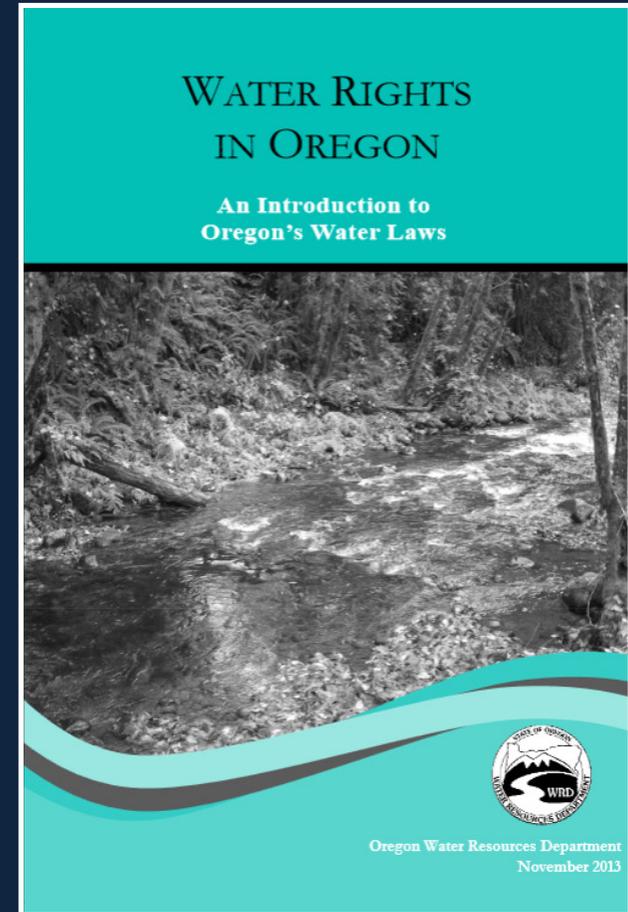
Overview: Scenic Flow Recommendation

- What is a Scenic Flow again?
- Components of Recommendation
- Advisory Group Tools for input



What is a Scenic Flow?

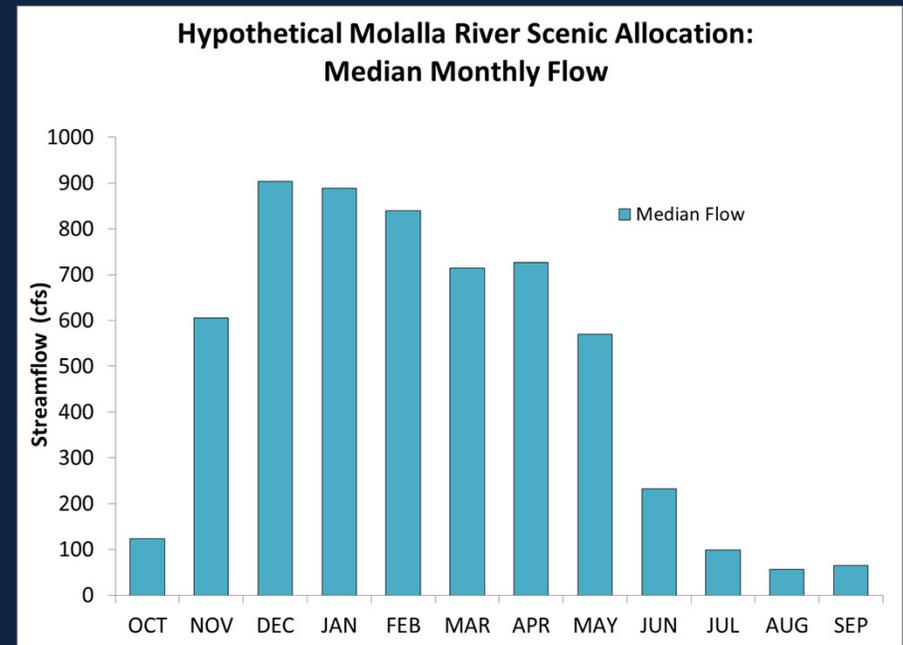
- Flows necessary for recreation, fish, and wildlife uses
- WRD Allocation Process
 - New allocations cannot interfere with scenic needs
OAR 690-410-0700(2)(g)
 - Key step: inventory water
 - Water Availability calculation includes Scenic Flows



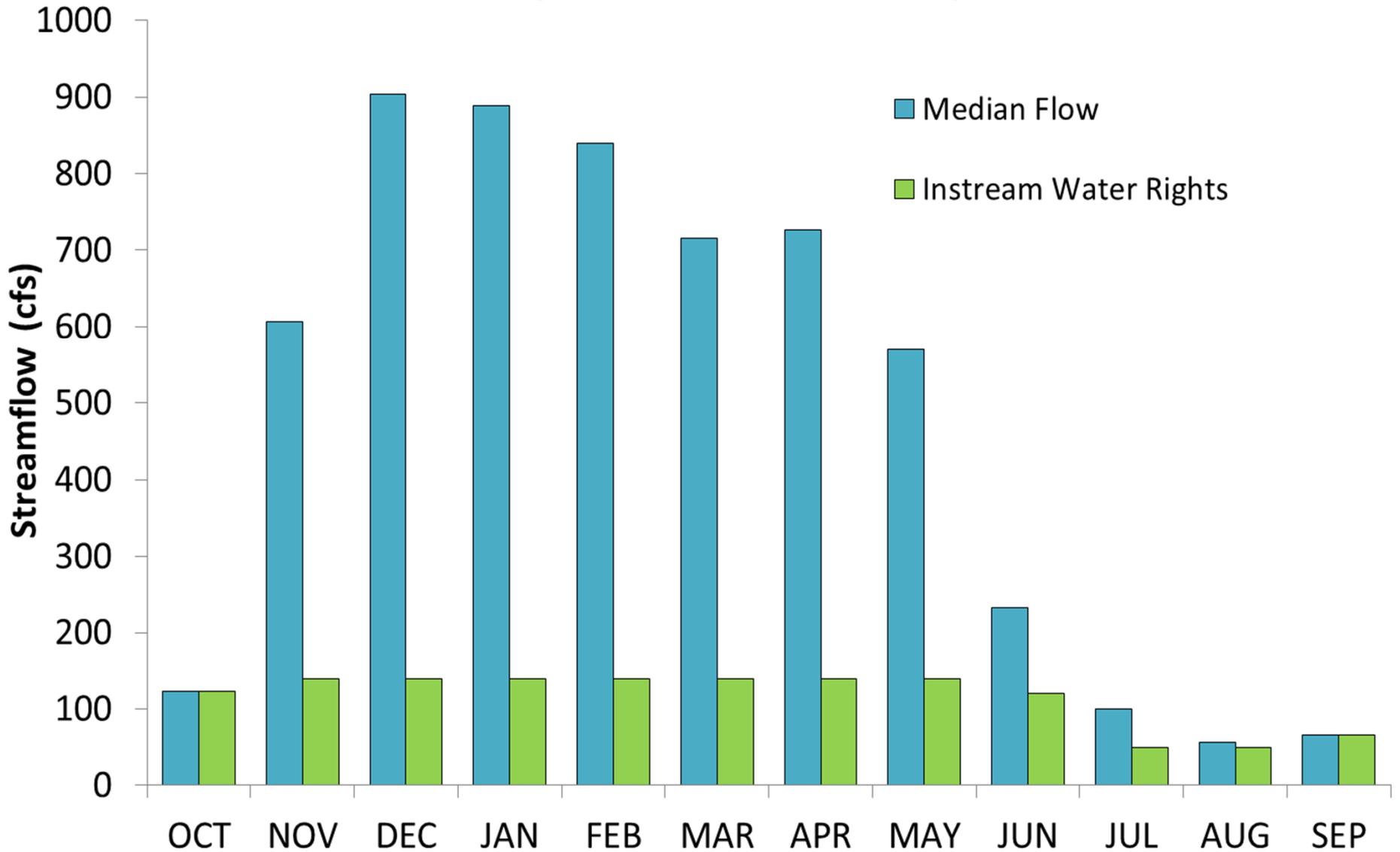
<http://www.oregon.gov/owrd/PUBS/docs/aquabook2013.pdf>

Components of Recommendation

- **Water Availability assessment**
 - Median flow (50% of time)
 - Existing ISWRs
 - Downstream uses
- **Advisory Group inputs**
 - Scenic Flow Framework
 - Suggested permit and other conditions
 - Public Meeting input



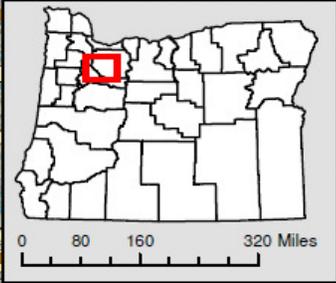
Hypothetical Molalla River Scenic Allocation: Median Monthly Flow vs. Existing Instream Water Rights





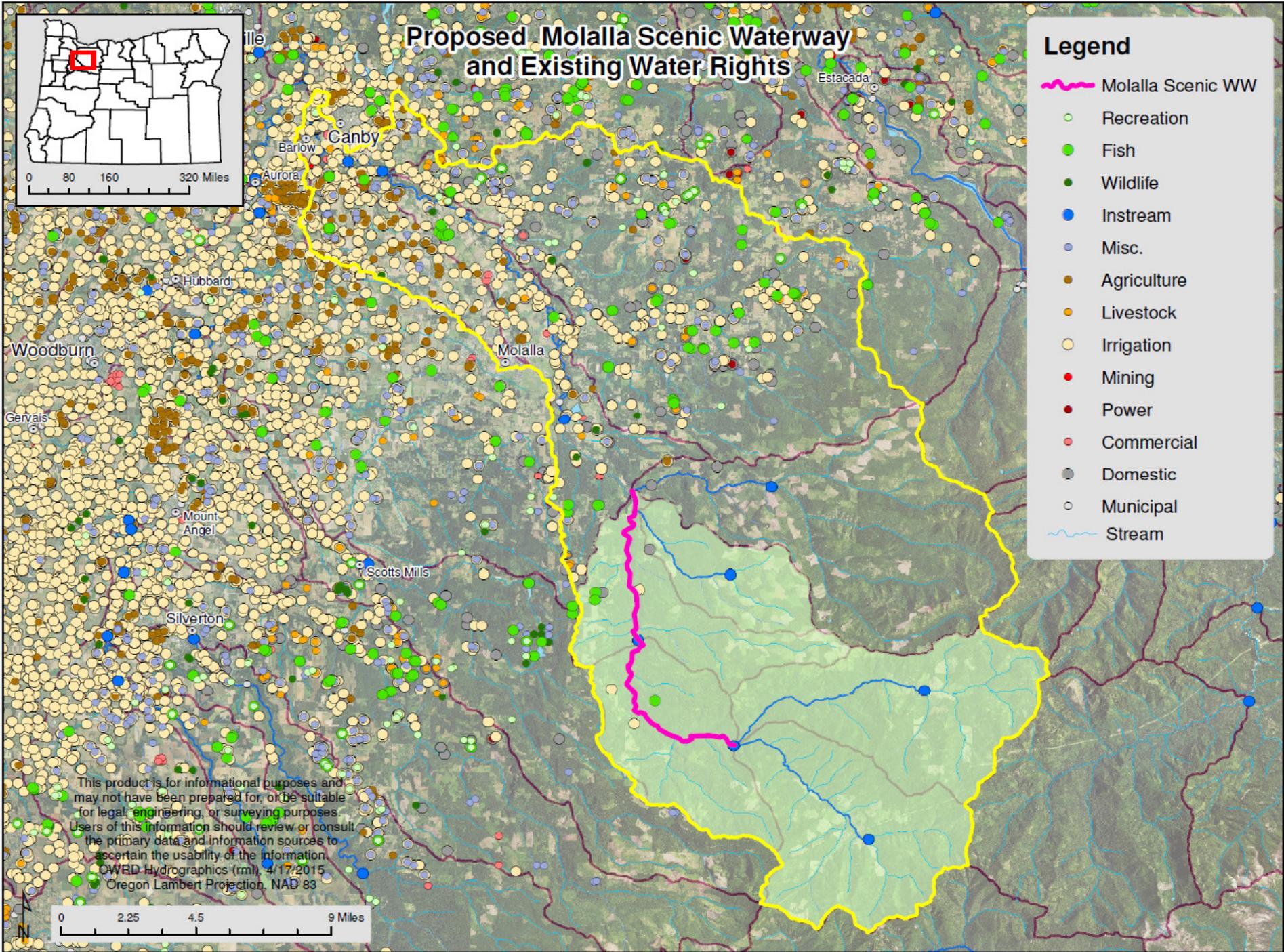
For water to be available at any given upstream point, it must be available at all points of calculation downstream.

Proposed Molalla Scenic Waterway and Existing Water Rights



Legend

- Molalla Scenic WW
- Recreation
- Fish
- Wildlife
- Instream
- Misc.
- Agriculture
- Livestock
- Irrigation
- Mining
- Power
- Commercial
- Domestic
- Municipal
- Stream



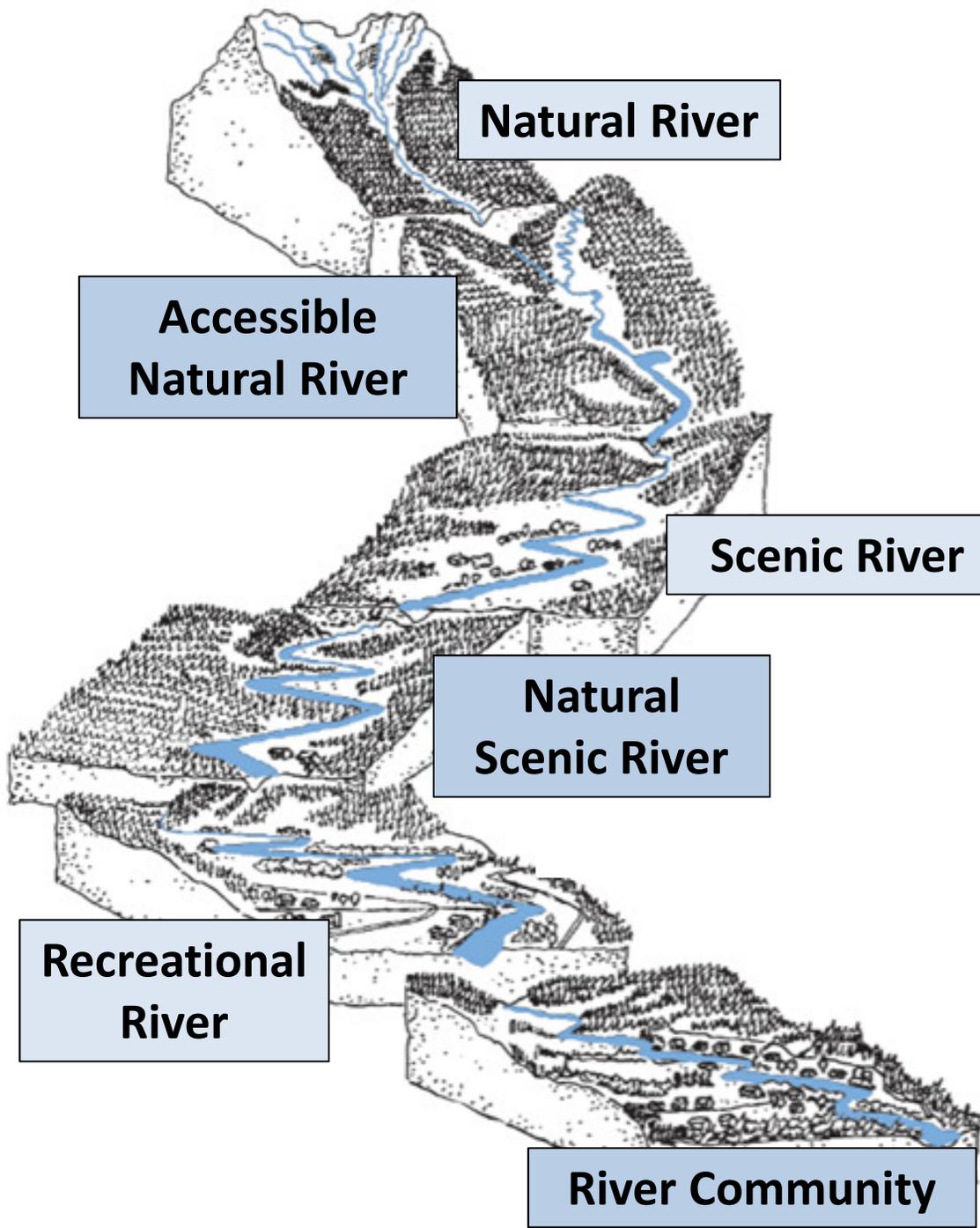
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OWRD Hydrographics (rml), 4/17/2015
Oregon Lambert Projection, NAD 83

Month	Stream Name	Water Available?
JAN	MOLALLA R > WILLAMETTE R - AB N FK MOLALLA R	YES
FEB	MOLALLA R > WILLAMETTE R - AB MILK CR	YES
MAR	MOLALLA R > WILLAMETTE R - AB N FK MOLALLA R	YES
APR	MOLALLA R > WILLAMETTE R - AB N FK MOLALLA R	YES
MAY	MOLALLA R > WILLAMETTE R - AB N FK MOLALLA R	YES
JUN	MOLALLA R > WILLAMETTE R - AT MOUTH	YES
JUL	MOLALLA R > WILLAMETTE R - AT MOUTH	NO
AUG	MOLALLA R > WILLAMETTE R - AT MOUTH	NO
SEP	MOLALLA R > WILLAMETTE R - AT MOUTH	NO
OCT	MOLALLA R > WILLAMETTE R - AT MOUTH	NO
NOV	MOLALLA R > WILLAMETTE R - AB MILK CR	YES
DEC	MOLALLA R > WILLAMETTE R - AB N FK MOLALLA R	YES

Advisory Group Components

- Scenic Flow Framework
- Suggested permit and other conditions





Recommended Scenic Allocation (percent of median monthly flow)
Natural River: 100%
Accessible Natural River: 95-100%
Scenic River: 90-100%
Natural Scenic River: 85-100%
Recreational River: 80-100%
River Community: 75-100%

Diversion of water under this permit is contingent on designated scenic waterway flows being met downstream. The user is required to monitor streamflow at Clackamas River near Estacada, OR, gage 14210000, and discontinue diversion when the flows specified below are unmet at the gage. At the discretion of the Director, the location and nature of streamflow monitoring required to protect scenic waterway flows is subject to change. In addition, the watermaster may regulate diversion under this right if it is determined by the Department that the flows listed below are unmet at the gage.

Clackamas Scenic Waterway	
Month	Minimum Flow (cfs)
January	1000
February	1000
March	1000
April	1000
May	1000
June	1000
July	1000
August	890
September	890
October	1000
November	1000
December	1000

... or other conditions.

Today: Scenic Flow Framework comment review

Dot exercise

- 1) Place dot within range of proposed flows
OR suggest new percentage
- 2) Add any additional comments
- 3) Summarize results as group
- 4) Issues with consensus will be added to the recommendation document; others will be captured in comment