

Agriculture Perspectives on the Willamette Reallocation

Mary Anne Cooper

Brent Stevenson

April Snell

Background

- Water behind the Willamette System Dams held for irrigation use.
 - Irrigators currently hold contracts for 80k acre feet of stored water.
 - Irrigators holding live flow rights who may need to move to storage account for an additional 60k acre feet of water use per US COE study).
 - Investment and uncertainty have precluded development of additional contracts, but we anticipate contract demand to rise as regulation increases on the system and climate conditions change.
 - Total Agricultural Demand 50 years in the future could be as large as 4 million acre feet.
- Take Away? Irrigation water right holders do not need a transfer to effectuate the reallocation, but do not object to others pursuing a transfer as long as there is protection for senior users and OWRD has the resources to manage the system.

Agricultural Asks in Willamette Reallocation

- Throughout this process, the agricultural community has had three priority needs:
 - Protection of existing contract holders on the Willamette System.
 - Protection of existing water right holders who could be regulated off by changes to how water is managed and protected from the dams (both municipal and agricultural users on the Willamette)
 - Allocation of sufficient water to meet agriculture's future needs, and certainty that any water we are allocated will be available for development.
 - The agricultural community cannot afford to spend significant money developing new water only to have water cut off.

Challenges to Full Implementation of Willamette Reallocation?

- Agriculture representatives have been posing the same questions of the state and federal government for the past decade. To date we have not gotten answers.
 - How will priority be decided among water users (i.e. share the pain doesn't work for existing uses on the system)? Can there be different priorities among users?
 - How will conversion of minimum perennial streamflow work? How will that relate to fish allocation?
- OWRD is not adequately resourced to administer this system.
- At point where can choose to let the legal system handles reallocation or invest the time and resources to get it right.



Willamette
reallocation
A water right
holder
perspective

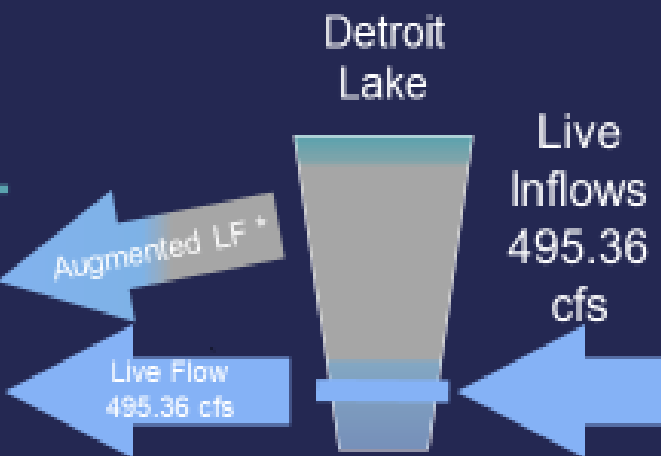
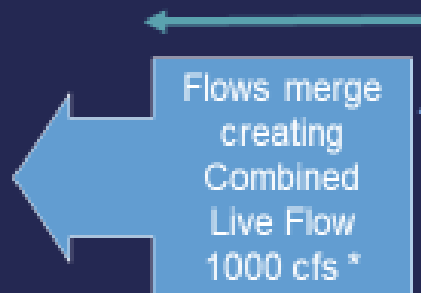


Year	Lowest 7-day average rolling flow (cfs) at Mehama (USGS Gage 141830)		
	July	August	September
2011	1427	1201	1229
2012	1290	1179	1190
2013	1229	1200	1203
2014	1234	1113	1116
2015	1096	1049	1061

Year	Lowest 7-day average rolling flow (cfs) at Mehama (USGS Gage 141830)		
	July	August	September
1944	748	552	529
1945	699	574	620
1946	1066	740	657
1947	986	754	700
1948	1109	894	746

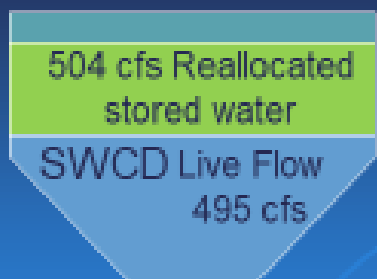
Pre/Post TSP flow Examples 8-27-2015

SWCD POD River Cross-Section



* Unallocated stored AI becomes Augmented Live Flow Once Released

North
Santiam
Basin
Santiam
Water
Control
District



Flows must be segregated for each reach and the entire basin



Reallocated Stored Water

Contracted Storage

Live Flow