Klamath Basin Settlement

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> Oregon Water Resources Commission May 29, 2014



Photo Credit: Michael McCullough

Settlement

- 2002 Settlement talks begin
- 2010 Klamath Basin Restoration Agreement and Klamath Hydroelectric Settlement Agreement
 - 45 organizations, including Federal agencies, California and Oregon, Indian tribes, counties, irrigators and conservation and fishing groups
- Did not include off-project users



UKL Settlement

- 2013 Governor's Klamath Task Force on Upper Klamath Settlement
- The tribes, state, federal government and off-project irrigators met July 2013 to March 2014
- Agreement signed April 18, 2014



Photo: Lake of the Woods, State Archives

Historic Signing of Upper Klamath Basin Water Agreement







April 18, 2014

Agreement In Principle

- Water Use Program permanently increases streamflows into Upper Klamath Lake by 30,000 AF
- Stable, sustainable basis for continued irrigation
- Riparian improvements
- Economic Development program for Klamath Tribes

Comprehensive Agreement

- Will be administered by:
 - Joint Management Entity
 - Landowner Entity
- Agreement:
 - Identifies how Tribal flows will be protected
 - Quantifies water right retirements
 - Provides a framework for GW regulation

Agreement and Regulation

Off-project users agree to use less water and undertake riparian restoration

Tribes agree to reduced water call threshold



Fewer users regulated and more water instream

Water Use Program Regions



Sycan River Specified Instream Flow



SIF calculated the 1st of each month

SIFs calculated for each measurement location and each month

210 220

SIF line

_____ SE lines

July

180 190 200

August

- Titbel debt

- Tribal right

- Tribel right

- Tribal right

October

September

-

170 180 190 200 210 220 230 240

- SIE line

SFIRE



Long-term SIF Thresholds for the Sycan River

1,000

C

1,000

0 175

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Wood R

Groundwater



Gaining Reaches and Wells



Regulation of wells Distance to a gaining stream reach

Water Right Flow Target	< ¼ mile	¼ - ½ mile	½ - 1 mile	> 1 mile
Met				
Less than 5% short				
5 – 10% short				
Greater than 10% short				

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Well by well analysis



Department Recommendation

- Comprehensive Agreement
 Proposal for Rule
- Division 09
 - local rules
- Rules Advisory Committee



Spring Creek in the Klamath basin

Action item

Alternatives:

- Direct Department staff to convene a rules advisory committee for the purpose of developing local rules for Commission consideration
- 2. Direct staff not to pursue local rules but rely on existing OAR 690-009
- 3. Request staff return for further discussion at the August WRC meeting

Action item

Staff recommend alternative 1

- Direct Department staff to convene a rules advisory committee for the purpose of developing local rules for Commission consideration
- 2. Direct staff not to pursue local rules but rely on existing OAR 690-009
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2014: What can we expect?

Drought **Stream flows Klamath Project Settlement Agreement Specified Instream Flows** Surface water gages Groundwater uses

Questions?



Photo Credit: Michael McCullough