

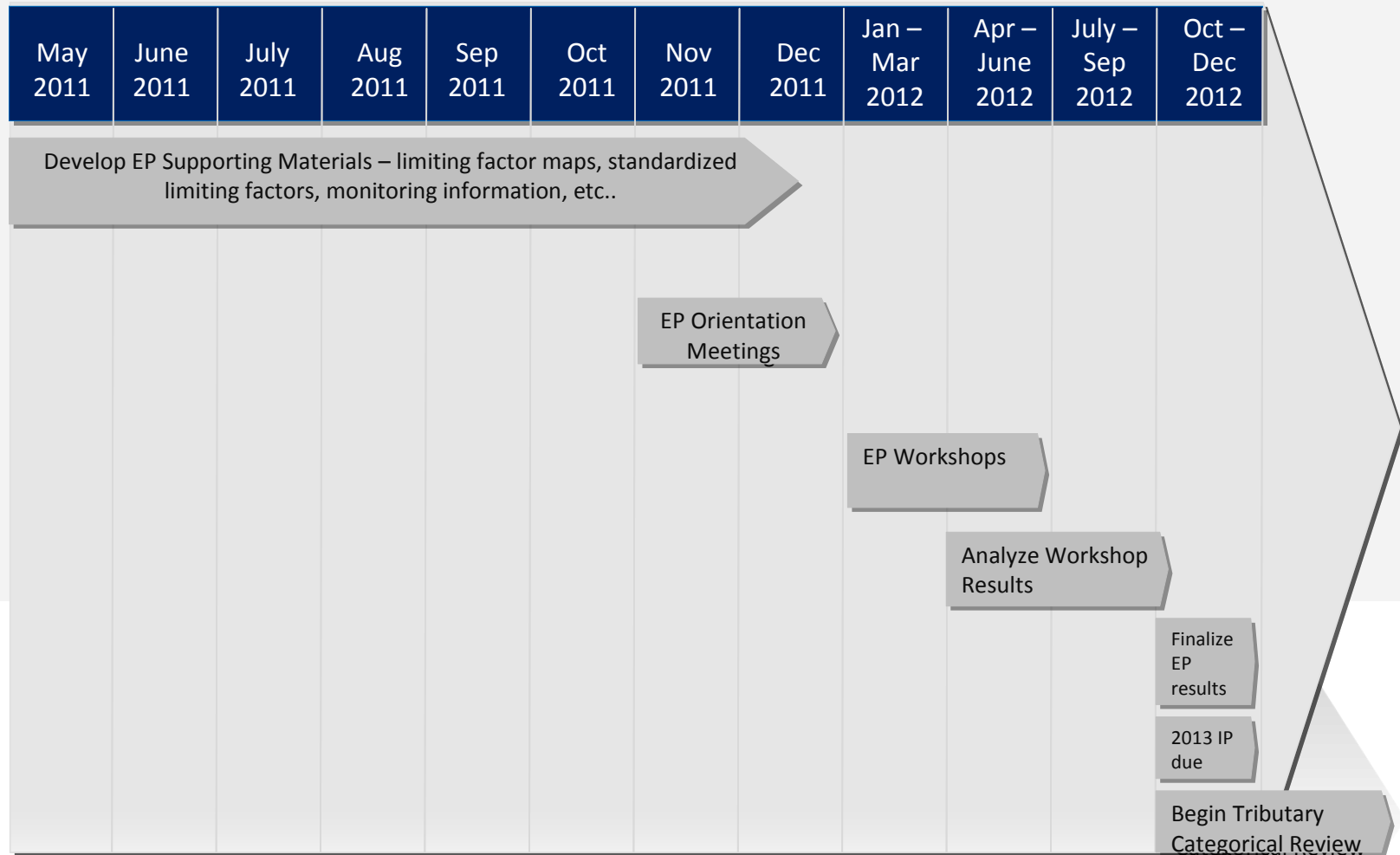
FCRPS BiOp Requirements

- RPA Action 35 of the BiOp requires the Action Agencies to:
 - Identify habitat projects for implementation to achieve population specific habitat quality improvements listed in RPA 35, Table 5.
 - Convene expert panels to evaluate the percent change in overall habitat quality at the population scale from projects implemented previously and projects proposed for implementation.
 - Use methods consistent with the Remand Collaboration Habitat Workgroup process to estimate changes in habitat quality.

FCRPS BiOp RPA 35 Table 5 Population Specific Targets

ESA Listed ESU	Major Population Group	Population	Estimated % Habitat Quality Improvement of 2007-2009 Actions	Total Estimated % Habitat Quality Improvement of 2007-2017 Actions
Snake River Spring/Summer Chinook	Lower Snake	Tucannon River	7	17
Upper Columbia Spring Chinook	Upper Columbia – Below Chief Joseph	Entiat River	10	22
		Methow River	2	6
		Wenatchee River	1	3
Middle Columbia Steelhead	Yakima River Group	Naches River	4	4*
		Satus Creek	4	4*
		Toppenish	4	4*
		Yakima River upper mainstem	4	4*
Snake River Steelhead	Lower Snake	Asotin Creek	4	4*
		Tucannon River	5	5*
Upper Columbia Steelhead	Upper Columbia River – below Chief Joseph	Entiat River	6	8
		Methow River	2	4
		Okanogan River	12	14
		Wenatchee River	1	4

2011 - 2012 Expert Panel Workshop Schedule



Area	Pre-Meetings	Orientation	Workshops
Upper Columbia Coordinate through UC Salmon Recovery Board	Wenatchee August 9	January 2012	April 2012
Lower Snake (Tucannon) Coordinate through Snake River Salmon Recovery Board	Dayton October 4	November 1, 2011	January-April 2012
Upper Salmon Coordinate through Idaho Office of Species Conservation & SWCD	Salmon, ID September 27/28	November - December 2011	January-April 2012
Lower/MF Salmon Coordinate through Idaho OSC, NPT, & USFS	McCall, ID (tentative) Mid-October	November - December 2011	January-April 2012
Grande Ronde/Imnaha Coordinate through Grande Ronde Model Watershed	LaGrande October 5	November - December 2011	January-April 2012
Clearwater Coordinate through Idaho OSC, NPT, USFS	Lewiston (tentative) Mid-October	November - December 2011	January-April 2012

Habitat Quality Improvement Estimates

- Initial estimates of habitat quality improvements considered under the BiOp were developed during the BiOp Remand Collaboration.
- Accord parties also estimated habitat quality improvements to be achieved by 2018 through Accord project implementation.
- The Action Agencies convened expert panels in 2009 and are scheduled to convene again in 2012.

Tributary Habitat BiOp Process

(formulated by HCW during 2006 Remand Collaboration)

For each priority population:

- Estimate the “current” status of habitat limiting factors in an assessment unit/watershed
- Identify specific habitat actions that will directly or indirectly address the habitat limiting factor
- Estimate the “potential” status of habitat limiting factors as a percent of optimal condition that should result if the habitat action is implemented

Methodology involves:

- Local Expert Panels who “*look back*” to validate or revise actual status of planned habitat actions and associated changes in habitat limiting factors identified for the last implementation cycle, and “*look forward*” to identify planned habitat improvement actions and associated changes in habitat limiting factors for the next implementation cycle.
- Action Agencies who combine changes in habitat limiting factors into a single local habitat condition value, combine local habitat condition values into a single overall habitat condition value for the population, and translate overall habitat condition change into population survival change.

Estimate of Habitat Quality Improvement

- Calculated survival changes are compared to the FCRPS BiOp RPA 35 Table 5 targets and may prompt revised levels of effort for some populations.