

**FINAL 2015 ACTION PLAN
WELLS HCP**

WELLS HCP COORDINATING COMMITTEE

1. Juvenile Fish Bypass

- a. Draft Bypass Operating Plan (BOP) to Coordinating Committee (CC)..... January 12, 2015
- b. CC comments on draft BOP to DCPUD..... February 11, 2015
- c. Submit final BOP to FERC for approval February 24, 2015
- d. Draft post-season report to CC October 2015
- e. Final report..... December 2015

2. Pikeminnow Control Program

- a. Draft 2014 pikeminnow report to HCP CC January 2015
- b. Final 2014 pikeminnow report integrated into HCP Annual Report March 2015
- c. Pikeminnow removal – Wells Project..... March – November 2015
- d. Draft 2015 pikeminnow report to DCPUD..... January 2016
- e. Final 2015 report..... March 2016

3. Sub-yearling Chinook Life-history Study

- a. Monitor fish tagged in 2011-2013 study years through adult returns..... December 2018
- b. 2011-13 draft juvenile life-history report and presentation to CC..... April 2015
- c. 2011-13 final juvenile life-history report..... June 2015
- d. Weekly sampling for size and availability of run-at-large fish..... May-July 2015

4. Annual Monitoring of Juvenile Migration Run Timing and Bypass Operations

- a. 2015 Skalski analysis of index and PIT-tag data from RR..... September 2015
- b. 2015 draft of Skalski’s report to DCPUD and CC..... October 2015
- c. 2015 CC approval of final report December 2015

5. Fish Passage and Count-station Maintenance

- a. Plug gaps around count station in the east ladder December 2014-January 2015
- b. Plug gaps around count station in the west ladder..... January-February 2015
- c. Replace fish-count DVRs and cameras with IP system..... January-April 2015

6. Fishway Outage Schedule for Fishway Inspection, Maintenance, and Fishway Projects

- a. East Fishway December 8, 2014 – February 2015
- b. West Fishway..... February – March, 2015
- c. Install “lamprey box” in low-level entrances..... January – March 2015
- d. Install PIT-tag detection in lamprey boxes January – March 2015

7. 2015 Lamprey Passage and Enumeration Study

- a. Study implementation July – October 2015
- b. Data analysis October – June 2015

8. HCP Annual Report

- a. Draft 2014 annual report to DCPUD for review..... January 14, 2015
- b. Draft 2014 annual report to CC for 30-day review..... February 9, 2015
- c. CC comments on draft report due to Anchor QEA..... March 9, 2015
- d. Final 2014 annual report to DCPUD March 25, 2015
- e. Final 2014 annual report due to FERC March 31, 2015

9. Review and Approval of 2015 Hatchery Broodstock Collection Protocol

- a. Draft to CC:..... February 13, 2015
- b. CC approval of draft protocols March 24, 2015
- c. Deadline for submission to NMFS: April 15, 2015

10. Fishway Operations for Lamprey Passage

- a. Nightly modifications to collection-gallery head-differentialAug/Sep 2015

11. Investigate Options for PIT-tag Detection in Spillway # 2 of the Wells Bypass System

- a. Biomark to evaluate feasibility and cost of detection system..... February 2015
- b. Implementation, if feasible Aug. 2015 – March 2016
- c. Testing..... April 2016

WELLS HCP HATCHERY COMMITTEE

- 1. Implement 5-year Hatchery Monitoring and Evaluation (M&E) Plan**
 - a. Ongoing implementationJanuary – December 2015
 - b. Draft annual report for 2014 to Douglas PUD..... June 2015
 - c. Draft annual report to Hatchery Committee (HC) August 2015
 - d. Final annual report to HC September 2015
 - e. Draft 2016 implementation plan to HCJuly 2015
 - f. HC approval of final 2016 implementation plan September 2015

- 2. 2015 Broodstock Collection Protocol**
 - a. Draft to HC for review:..... February 9, 2015
 - b. HC approval of draft protocols March 18, 2015
 - c. Deadline for submission to NMFS: April 15, 2015
 - d. Implementation:May 2015 to April 2016

- 3. Annual Implementation – Okanagan Sockeye Fish/Water Management Tools**
 - a. Water Year 2014-2015:.....October 2014 – September 2015
 - b. Water Year 2015-2016:.....October 2015 – September 2016

- 4. Methow Steelhead Relative Reproductive Success Study**
 - a. Implementation: March 2010 - December 2021
 - b. Annual report on genetic analysis:..... September/October 2015
 - c. Biological data in Annual M&E Report (above): September 2015
 - d. Final report:..... 2021/2022

- 5. Hatchery Genetic Management Plans**
 - a. Receive new Methow spring Chinook hatchery permit.....*to be determined*
 - b. Receive new Wells steelhead hatchery permit.....*to be determined*
 - c. Receive new Wells summer Chinook hatchery permit.....*to be determined*

- 6. Wells Hatchery Modernization**
 - a. Douglas PUD call for bids:January 13, 2015
 - b. Bid opening..... March 17, 2015
 - c. Estimated ground breaking June, 2015
 - d. Estimated completion..... August 2017

WELLS HCP TRIBUTARY COMMITTEE

- 1. Plan Species Account Annual Contribution**
 - a. \$176,178 in 1998 dollars (estimated \$255,243 2015 dollars)..... January 2015

- 2. Annual Report - Plan Species Account Status, January to December 2014**
 - a. Draft to Tributary Committee (TC): January 2015
 - b. Approval deadline:..... February 2015
 - c. Integration into HCP Annual Report: February 2015

- 3. General Salmon Habitat Program**
 - a. Project review and funding Decision January – December 2015

- 4. Small Project Program**
 - a. Project review and funding Decision January – December 2015