

DRAFT 2020 WELLS HCP ACTION PLAN

WELLS HCP COORDINATING COMMITTEE

- 1. Juvenile Fish Bypass**
 - a. Gas Abatement Plan (GAP) and Bypass Operating Plan (BOP) to CC..... 17 January 2020
 - b. CC comments on GAP/BOP to DCPUD 14 February 2020
 - c. CC approval of GAP/BOP 25 February 2020
 - d. Submit final GAP/BOP to FERC for approval 28 February 2020
 - e. 2020 Bypass operations at Wells 9 April 2020 – 19 August 2020

- 2. Annual Monitoring of Juvenile Migration Run Timing**
 - a. 2020 draft passage-dates analysis and post-season bypass report to CC October 2020
 - b. CC approval of 2020 final report November 2020

- 3. Fishway Outage Schedule for Fishway Inspection, Maintenance, and Fishway Projects**
 - a. East Fishway 7 January – 6 February 2020
 - b. West Fishway 11 February – 27 February 2020
 - c. Adult Fishway Trap Coordination Meeting April 2020

- 4. Review and Approval of 2020 Hatchery Broodstock Collection Protocol**
 - a. Draft protocol to CC for review 20 February 2020
 - b. CC approval of draft protocol 24 March 2020
 - c. Deadline for submission of protocol to NMFS 15 April 2020

- 5. Pikeminnow Control Program**
 - a. Draft 2018 and 2019 Pikeminnow reports to HCP CC February 2020
 - b. CC approval of 2018 and 2019 Pikeminnow reports April 2020
 - c. 2020 Pikeminnow removal – Wells Project March-November 2020

- 6. Avian Protection Plan**
 - a. Bird Hazing April-August 2020

- 7. 2020 Survival Verification Study**
 - a. Obtain/set up equipment and infrastructure for implementation January-April 2020
 - b. Implement study April 13 – May 12, 2020
 - c. Data analysis by Columbia Basin Research August-September 2020
 - d. Presentation of study results and draft report to the CC October 2020
 - e. CC approval of study results and final report NLT December 2020

- 8. HCP Annual Report**
 - a. Draft 2019 annual report to DCPUD for review 14 January 2020
 - b. Draft 2019 annual report to CC for 30-day review 6 February 2020
 - c. CC comments on draft 2019 report due to Anchor QEA 6 March 2020
 - d. Final 2019 annual report to DCPUD 23 March 2020
 - e. Final 2019 annual report due to FERC 30 March 2020

WELLS HCP HATCHERY COMMITTEE

- 1. Implement 5-year Hatchery Monitoring and Evaluation (M&E) Plan**
 - a. Ongoing implementation January-December 2020
 - b. Draft annual report for 2019 to Douglas PUD..... July 2020
 - c. Draft annual report to Hatchery Committee (HC) September 2020
 - d. Final annual report to HC November 2020
 - e. Draft 2021 implementation plan to HC July 2020
 - f. HC approval of final 2021 implementation plan October 2020

- 2. 10-year Comprehensive Hatchery Program Review Report**
 - a. Draft report to the HC December 2020
 - b. HC approval of final report..... March 2021

- 3. Assessment of Precocial Maturation or Residualism**
 - c. Methow Hatchery spring Chinook lethal sampling March 2020
 - d. Wells steelhead visual assessment April 2020

- 4. Twisp Population Study**
 - a. Implementation (to be determined)..... TBD
 - b. 2014, 2015, 2016, 2017, 2018 Reports TBD

- 5. 2020 Broodstock Collection Protocol**
 - a. Draft to HC for review 7 February 2020
 - b. HC approval of draft protocols 18 March 2020
 - c. CC approval of Wells Dam trapping operations 24 March 2020
 - d. Deadline for submission to NMFS 15 April 2020

- 6. Annual Implementation – Okanagan Sockeye Fish/Water Management Tools**
 - a. Water Year 2019-2020..... October 2019 – September 2020
 - b. Incubation Protection and Emergence Monitoring November 2019 – May 2020
 - c. Redd Scour Prevention Activities March-May 2020
 - d. Optimization of Limnetic Rearing Environment July-September 2020
 - e. Sockeye Spawning Surveys and Protection Levels October-November 2020
 - f. Kokanee Spawning Surveys, Elevation and Protection Levels October-November 2020
 - g. Water Budget (Snowtel, River and Lake Gage, Withdrawals)..... January-December 2020

- 7. Methow Steelhead Relative Reproductive Success Study**
 - a. Implementation March 2010 – December 2021
 - b. Annual report on genetic analysis September/October 2020
 - c. Biological data in Annual M&E Report (above) September 2020
 - d. Final report..... 2021/2022

- 8. Chief Joseph Hatchery Production**
 - a. Fund hatchery production (spring/summer Chinook)..... 2020
 - b. Fund monitoring and evaluation 2020

9. Annual Permits for Hatchery Operation

- a. 2019/2020 Scientific Collection Permit report for hatchery operation.....October 2020
- b. Renew Scientific Collection Permit for 2020/2021November 2020
- c. Obtain fish-stocking permits for hatchery production 10 January 2020

WELLS HCP TRIBUTARY COMMITTEE

- 1. Plan Species Account Annual Contribution**
 - a. \$176,178 in 1998 dollars (\$292,037.36 in 2020 dollars)..... 14 January 2020

- 2. Annual Report - Plan Species Account Status**
 - a. Submittal of 2019 account-status report to Tributary Committee (TC): 8 January 2020
 - b. Integration into 2019 HCP Annual Report: 14 January 2020

- 3. Targeted Habitat Projects**
 - a. Identify high-priority projects for targeted implementation January-December 2020
 - b. Work with stakeholders to develop targeted projects January-December 2020
 - c. Call for proposals to implement targeted projects January-December 2020

- 4. General Salmon Habitat Program**
 - a. Project review and funding January-December 2020

- 5. Small Project Program**
 - a. Project review and funding Decision January-December 2020

WELLS HCP POLICY COMMITTEE

1. Meeting Schedule

- a. Annual meeting – Wells Hatchery Conference Room..... 5 May 2020
- b. Other meetings?As needed