**Upper Salmon Basin Watershed Program**

**Advisory Committee Meeting Notes**

**Thursday, December 5 , 2018 @ 1 p.m.**

**Upper Salmon Basin Watershed Program – Salmon, Idaho**

**Present:** V. Don Olson (Lemhi Rancher), Ken Miner (Lemhi County Commissioner), Daniel Bertram (USBWP), Abbie Gongloff (USBWP), Mike Edmondson (OSC), Chris Gaughan (USBWP), Hannah Dondy-Kaplan (BPA), Windy Schoby (IDFG), Troy Barry (IDFG), Mike Overacker (LRLT), Todd Blythe (new USBWP hire), Rob Richardson (Rio ASE), Justin Petty (TNC), Brian Hamilton (USBR), Jeff DiLuccia (IDFG)

**Welcome and Introductions**

**September 6, 2018 Meeting Notes:** Will be approved at the next meeting

**Presentations:**

* Lower Lemhi River Project Reach (DiLuccia) – A presentation on the Lower Lemhi Projects included sub-reaches 1-4 which is approximately 2.1 linear miles on the Eagle Valley and Stokes Ranches. Historically this was a wide floodplain with anabranched channels. In the past Chinook redds were found in low numbers in the lower Lemhi. The railroad, highway, and agricultural development moved the river into a straightened single channel over the past century. Lemhi Chinook are limited by life stage specific habitat capacity given the channelization. The Lower Lemhi projects are focused on creating more juvenile rearing and over-winter habitat complexities. Sub-Reach 2 has watered 1750 feet of side channel with 5 engineered log jams, 375 feet of bank roughening, and 15 habitat structures. Sub-Reach 3 is being planned to excavate floodplains and channels, raise water surfaces at channel inlets, and install substantial wood structures. The Stokes Ranch flooding (sub-reach 4) was mediated by the county and IDFG last spring. The project goals and objectives for phase 1 of sub-reach 4 include bioengineered structures to add habitat complexity while stabilizing eroding banks and controlling downstream flooding in the future. Phase 2 will develop lateral floodplain habitat and anabranched channels, improve mainstem sinuosity, add habitat complexity and develop floodplain interaction.

**New Business**

* Advisory Committee Membership (Bertram) –New membership will be decided at the January meeting.
* USBWP staff changes (Bertram) – Todd Blythe has accepted the position vacated by Allen Bradbury and will start that positon in early January.

**Public Comment**

* None.

**Adjourn**

**A field trip to the new bridge site on the Lemhi backroad followed the presentation**

***The next Advisory Committee Meeting is scheduled for January 3, 2018.***

**Commonly used Acronyms:**

|  |  |
| --- | --- |
| 25/35 | Minimum flows required at L-6 |
| ACEP | Agricultural Conservation Easement Program |
| AEM | Action Effectiveness Monitoring |
| AFS | American Fisheries Society |
| ANS | Aquatic Nuisance Species |
| AREMP | Aquatic and Riparian Effectiveness Monitoring Program |
| BA | Biological Assessment |
| BACI | Before, After, Control, Impact (study design type) |
| BEF | Bonneville Environmental Foundation |
| BLM | Bureau of Land Management |
| BMS | Beaver Mimicry Structure |
| BO/BiOp | Biological Opinion |
| BPA | Bonneville Power Administration |
| CHaMP | Columbia Habitat Monitoring Program |
| CMZ | Channel Migration Zone |
| CREP | Conservation Reserve Enhancement Program |
| CRSO | Columbia River System Operations |
| CSWCD | Custer Soil and Water Conservation District |
| CWT | Coded Wire Tags |
| DEQ | Idaho Department of Environmental Quality |
| DPS | Distinct Population Segment  |
| EA | Environmental Assessment |
| EIS | Environmental Impact Statement |
| ELJ | Engineered Log Jam |
| EQIP | Environmental Quality Incentives Program |
| ESA | Endangered Species Act |
| ESU | Evolutionarily Significant Unit |
| FCRPS | Federal Columbia River Power System |
| FIA | Forest Inventory and Analysis program (USFS) |
| FLPMA | Federal Land Policy and Management Act |
| Four “H”s | The four factors affecting salmon recovery: Hatchery, Hydro, Habitat, Harvest |
| GIS | Geographic Information System |
| GM | Geometric Mean |
| HACCP | Hazard Analysis and Critical Control Point |
| HGMP | Hatchery Genetic Management Plan |
| HPA | Hydraulic Project Approval |
| HSRG | Hatchery Scientific Review Group |
| IDFG | Idaho Department of Fish and Game |
| IDWR | Idaho Department of Water Resources |
| IMW | Intensively Monitored Watershed |
| IS | Implementation Schedule |
| ISEMP | Integrated Status and Effectiveness Monitoring Project |
| ISRP | Independent Scientific Review Panel |
| IT | Implementation Team |
| L-x | L- "fill in the blank" refers to any Lemhi River Diversion e.g. L-63 |
| IWRB | Idaho Water Resource Board |
| LRBM | Lemhi River Basin Model (Mike Basin Model for the Lemhi) |
| LRLT | Lemhi Regional Land Trust |
| LSWCD | Lemhi Soil and Water Conservation District |
| LW/LWD | Large Wood/Large Woody Debris |
| MOA | Memorandum of Agreement |
| MOU | Memorandum of Understanding |
| MPG | Major Population Group |
| NFF | National Forest Foundation |
| NMFS | National Marine Fisheries Service |
| NOAA | National Oceanic and Atmospheric Administration |
| NPCC | Northwest Power and Conservation Council |
| NPDES | National Pollutant Discharge Elimination System |
| NRCS | Natural Resources Conservation Service |
| OSC | Idaho Governor's Office of Species Conservation |
| P-x | P- "fill in the blank" refers to any Pahsimeroi River Diversion e.g. P-16 |
| PCSRF | Pacific Coastal Salmon Recovery Fund  |
| PHABSIM | Physical Habitat Simulation |
| PIBO | PACFISH/INFISH\* Biological Opinion |
| PIT Tag | Passive Integrated Transponder Tag |
| PNAMP | Pacific Northwest Aquatic Monitoring Partnership |
| QAQC | Quality Assurance, Quality Control |
| QRF | Quantile Regression Forests |
| RA | Reach Assessment |
| RFP | Request for Proposals |
| RM | River Mile |
| RM&E | Research, Monitoring and Evaluation |
| RPA | Reasonable and Prudent Alternative(s) |
| S-x | S- "fill in the blank" refers to any Salmon River Diversion e.g. S-22 |
| SBT | Shoshone-Bannock Tribes |
| SNRA | Sawtooth National Recreation Area |
| SOW | Statement of Work |
| STEM Database | Status, Trend and Effectiveness Monitoring database at NOAA’s Northwest Fisheries Science Center |
| TA | Tributary Assessment |
| TNC | The Nature Conservancy |
| TRM&E | Tributary Research, Monitoring and Evaluation |
| TRT | Technical Recovery Team (NOAA) |
| TT | USBWP Technical Team |
| TU | Trout Unlimited |
| USACE | United States Army Corps of Engineers |
| USBR | Bureau of Reclamation |
| USBWP | Upper Salmon Basin Watershed Program |
| USDA | United States Department of Agriculture |
| USFS | US Forest Service |
| USFWS | United States Fish and Wildlife Service |
| USGS | US Geological Survey |
| VSP | Viable Salmonid Population |
| WAC | USBWP Advisory Committee |
| WAG | DEQ Watershed Advisory Group |
| WRP | Wetland Reserve Program |
| \*PACFISH/ INFISH | The PACFISH/INFISH Biological Opinion (PIBO) Effectiveness Monitoring Program was initiated in 1998 to provide a consistent framework for monitoring aquatic and riparian resources on most Forest Service and Bureau of Land Management lands within the Upper Columbia River Basin.  |