

**Richard Devlin**  
Chair  
Oregon

**Chuck Sams**  
Oregon

**Mike Milburn**  
Montana

**Doug Grob**  
Montana



## Northwest Power and Conservation Council

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Vice Chair  
Washington

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Idaho

June 2, 2021

### MEMORANDUM

**TO: Council Members**

**FROM: Council staff**

**SUBJECT: Update on Anadromous Fish Habitat and Hatchery Review process**

#### **BACKGROUND:**

**Presenter:** Mark Fritsch and Maureen Hess

**Summary:** Council staff will provide a brief overview of the current category review cycle (2017 – 2022) associated projects funded through the Fish and Wildlife Program - *Wildlife, Mainstem/Program Support, Resident Fish and Sturgeon, and Anadromous Fish Habitat and Hatchery*. The Anadromous Fish Habitat and Hatchery (AFHH) Project Review is the last category of projects to be reviewed in this cycle and was initiated in early February 2021. Staff will provide a brief status report on the AFHH review process and schedule for the projects. The Council decision associated with this category of projects is anticipated to be made in April 2022.

**Relevance:** Section 4h(10)(D) of the Northwest Power Act directs the Council to review projects proposed for funding by Bonneville to implement the Council's Fish and Wildlife Program. The Council engages in this review process with the assistance of the Independent Scientific Review Panel (ISRP). The Council and Bonneville work together to develop the information necessary to make the review process successful.

**Workplan:** Fish and Wildlife Division: Program Implementation (2014 Program and 2020 addendum); Project review.

Background: In response to section 4(h)(10)(D) of the Northwest Power Act as amended in 1996 the Council initiated review of Fish and Wildlife Program (Program) projects with independent scientific review (i.e., ISRP) of projects funded by the Bonneville Power Administration. The Council uses the ISRP review as a basis for making recommendations regarding project implementation.

Based on experience gained from previous project review processes (e.g., all projects reviewed at once and rolling provincial review) implemented since the late 1990's, the Council and Bonneville, with input from the ISRP, developed a structure to more effectively review projects for Program implementation beginning in Fiscal Year 2010 and beyond. This review structure is called a category review for existing projects that are similar in nature and intent (i.e., strategy and topic). The initial category review cycle of Program projects was conducted between 2009 and 2013.

In 2017, the Council initiated the second cycle of category-based reviews. The review schedule for four different project categories reflected the order and timing of the previous reviews and accounted for field season, public comment period, and time necessary based on the number of projects within each category.

*i.) Wildlife*

The first review was associated with the Program's [Wildlife projects](#). The 29 projects included in this review generally addressed the operation and maintenance needs associated with the wildlife lands secured through the Program to mitigate for inundation and construction losses. The Council decision associated with this review was made on [October 11, 2017](#).

*ii.) Mainstem/Program Support*

The second review was associated with [Mainstem/Program Support projects](#). This review included 48 projects that generally focus on the mainstem and mainstem passage; conduct research that is basin-wide in nature and/or are informative to the Basin as a whole; focus on a single-species; support or inform other program areas through collecting, managing, and or analyzing data from monitoring or research projects; or have broad use, applicability, and accessibility. The Council decision associated with this review occurred on [August 14, 2019](#).

*iii.) Resident Fish and Sturgeon*

The third review was [Resident Fish and Sturgeon projects](#). This review included 44 projects that focused largely on activities within the non-anadromous fish portions of the basin known as the "blocked areas." Nine

of the projects addressed sturgeon, and of these nine projects, three projects are implemented in the anadromous zone of the basin. The Council decision for this review was made on [October 14, 2020](#).

*iv.) Anadromous Fish Habitat and Hatchery (AFHH)*

The [Anadromous Fish Habitat and Hatchery Project Review](#) (AFHH) is the last and largest category of this current review cycle that was initiated in 2017. The 124 projects in this review includes hatchery operation and maintenance (O&M), fish screen O&M, habitat restoration and the monitoring and evaluation activities associated with these project types (please see Attachment 1).

Following is the review schedule that outlines the review steps associated with this review.

<b>Anadromous Fish Habitat and Hatchery Review Steps</b>	<b>Date</b>
Review Process Start Date	February 2, 2021
Review Materials Due	May 3, 2021
Project Sponsor Presentations	Sequenced over several weeks in June and July 2021
ISRP Preliminary Report	September 23, 2021
Public Comment begins	September 24, 2021
Responses Due	November 22, 2021
Final Report	February 10, 2022
ISRP Presentation to Council	February 2022
Public Comment ends	February 21, 2022
Committee Recommendations	March 2022
Council Recommendations	April 2022

On February 2, 2021 the Council sent a review guidance letter and proposal form template to the project sponsors to initiate the review. This reflects a culmination of work by Council and Bonneville staffs to confirm

the list of projects in this category and to update the proposal form template to capture key aspects related to this specific set of projects and to further refine requested information to get a better understanding of methods used by the sponsors to achieve their objectives.

During the week of May 3<sup>rd</sup>, the Council received proposal forms and supporting documents for 120 out of the 124 projects for review. These proposal forms have been submitted to the ISRP to initiate their review process. Currently, proposal forms for four projects have not been received (Attachment 1 - gray highlighted rows).

From mid-June to mid-July project presentations to the ISRP will occur. The projects are grouped into 13 separate sets organized generally by geography, topic, and sponsor. Each project will have 20-minute time slot (12-15min presentation and 5-8min for questions). Please see Attachment 2 for the [presentation schedule](#).

As you will note work, by Council staff, will be extensive beginning with the receipt of the ISRP preliminary report in late September and through March 2022 with a staff recommendation to the Fish and Wildlife Committee. It is anticipated that a recommendation from the Fish and Wildlife Committee will be presented to the full council in April of 2022 for a decision.

**Attachment 1: Anadromous Fish Habitat and Hatchery Project Review List.**

	<b>Project Number</b>	<b>Project Title</b>	<b>Sponsor</b>	<b>Presentation Set</b>
1	1983-350-00	Nez Perce Tribal Hatchery Operations and Maintenance (O&M)	Nez Perce Tribe (NPT)	Clearwater
2	1983-350-03	Nez Perce Tribal Hatchery Monitoring and Evaluation (M&E)	Nez Perce Tribe (NPT)	Clearwater
3	1983-435-00	Umatilla Hatchery Satellite Facilities Operations and Maintenance (O&M)	Confederated Tribes of the Umatilla Indian Reservation (CTUIR)	Umatilla
4	1983-436-00	Umatilla Passage Operations and Maintenance (O&M)	Westland Irrigation District	Umatilla
5	1984-021-00	John Day Habitat Enhancement	Oregon Department of Fish and Wildlife	John Day
6	1984-025-00	Grande Ronde Fish Habitat Improvement	Oregon Department of Fish and Wildlife	Grande Ronde, Imnaha
7	1987-100-01	Umatilla Anadromous Fish Habitat Project	Confederated Tribes of the Umatilla Indian Reservation (CTUIR)	Umatilla
8	1988-022-00	Umatilla and Walla Walla Fish Passage Operations	Confederated Tribes of the Umatilla Indian Reservation (CTUIR)	Umatilla

## Attachment 1 continued:

	<b>Project Number</b>	<b>Project Title</b>	<b>Sponsor</b>	<b>Presentation Set</b>
9	1988-053-03	Hood River Production Program	Confederated Tribes of Warm Springs (CTWS) and Oregon Department of Fish and Wildlife (ODFW)	Wind, Hood, Fifteenmile, Klickitat, Rock Creek
10	1988-120-25	Yakima River Management, Research, and Data	Confederated Tribes and Bands of the Yakama Nation	Yakima
11	1988-120-35	Klickitat River Management & Data Project (YKFP)	Confederated Tribes and Bands of the Yakama Nation	Wind, Hood, Fifteenmile, Klickitat, Rock Creek
12	1989-024-01	Evaluate Umatilla Juvenile Salmonid Outmigration	Oregon Department of Fish and Wildlife	Umatilla
13	1989-035-00	Umatilla Hatchery Operations and Maintenance (O&M)	Oregon Department of Fish and Wildlife	Umatilla
14	1990-005-00	Umatilla Hatchery Monitoring and Evaluation (M&E)	Oregon Department of Fish and Wildlife	Umatilla
15	1990-005-01	Umatilla Basin Natural Production Monitoring and Evaluation (M&E)	Confederated Tribes of the Umatilla Indian Reservation (CTUIR)	Umatilla
16	1990-055-00	Idaho Salmon & Steelhead Monitoring and Evaluation (M&E) Studies	Idaho Department of Fish and Game (IDFG)	Clearwater
17	1991-028-00	Pit Tagging Wild Chinook	National Oceanic and Atmospheric Administration	Clearwater

## Attachment 1 continued:

	<b>Project Number</b>	<b>Project Title</b>	<b>Sponsor</b>	<b>Presentation Set</b>
18	1992-009-00	Yakima Phase II Fish Screens Operations and Maintenance (O&M)	Washington Department of Fish and Wildlife (WDFW)	Yakima
19	1992-026-01	Grande Ronde Model Watershed	Grande Ronde Model Watershed Foundation	Grande Ronde, Innaha
20	1992-026-04	Grande Ronde Salmonid Life Cycle Monitoring Project	Oregon Department of Fish and Wildlife	Grande Ronde, Innaha
21	1992-062-00	Lower Yakima Valley Riparian Wetlands Restoration	Confederated Tribes and Bands of the Yakama Nation	Yakima
22	1993-060-00	Select Area Fisheries Enhancement	Clatsop County Fisheries, Oregon Department of Fish and Wildlife, Washington Department of Fish and Wildlife (WDFW)	Estuary, Lower Columbia, Willamette
23	1993-066-00	Oregon Fish Screens Project	Oregon Department of Fish and Wildlife	John Day
24	1994-015-00	Idaho Fish Screening Improvement	Idaho Department of Fish and Game (IDFG)	Salmon, Upper Snake
25	1994-018-05	Asotin County Enhancement and Restoration Project	Asotin County Conservation District	Tucannon, Asotin
26	1994-018-06	Tucannon Stream and Riparian Restoration	Columbia Conservation District (SWCD)	Tucannon, Asotin

## Attachment 1 continued:

	<b>Project Number</b>	<b>Project Title</b>	<b>Sponsor</b>	<b>Presentation Set</b>
27	1994-042-00	Trout Creek Operations and Maintenance (O&M)	Oregon Department of Fish and Wildlife	Deschutes
28	1994-050-00	Salmon River Habitat Enhancement	Shoshone-Bannock Tribes (SBT)	Salmon, Upper Snake
29	1995-063-25	Yakima River Monitoring and Evaluation-Yakima/Klickitat Fisheries Project (YKFP)	Confederated Tribes and Bands of the Yakama Nation	Yakima
30	1995-063-35	Klickitat River Monitoring and Evaluation-Yakima/Klickitat Fisheries Project (YKFP)	Confederated Tribes and Bands of the Yakama Nation	Wind, Hood, Fifteenmile, Klickitat, Rock Creek
31	1995-064-25	Policy, Plan and Technical Support of Washington Department of Fish and Wildlife (WDFW)-Yakima/Klickitat Fisheries Project (YKFP)	Washington Department of Fish and Wildlife (WDFW)	Yakima
32	1996-035-01	Yakama Reservation Watershed Project	Confederated Tribes and Bands of the Yakama Nation	Yakima
33	1996-040-00	Mid-Columbia Reintroduction Feasibility Study	Confederated Tribes and Bands of the Yakama Nation	Upper Columbia
34	1996-042-00	Restore Salmon Creek Anadromous Fish	Confederated Tribes of the Colville Reservation (CTCR)	Upper Columbia
35	1996-043-00	Johnson Creek Artificial Propagation Enhancement	Nez Perce Tribe (NPT)	Salmon, Upper Snake

## Attachment 1 continued:

	<b>Project Number</b>	<b>Project Title</b>	<b>Sponsor</b>	<b>Presentation Set</b>
36	1996-046-01	Walla Walla River Basin Fish Habitat Enhancement	Confederated Tribes of the Umatilla Indian Reservation (CTUIR)	Walla Walla
37	1996-077-02	Lolo/Selway River Watershed Restoration	Nez Perce Tribe (NPT)	Clearwater
38	1996-083-00	Grand Ronde Watershed Restoration	Confederated Tribes of the Umatilla Indian Reservation (CTUIR)	Grande Ronde, Imnaha
39	1996-086-00	Clearwater Focus Program	Idaho Governor's Office of Species Conservation	Clearwater
40	1997-013-25	Yakima River Operations and Maintenance (O&M) for Hatcheries and Acclimation Sites-Yakima/Klickitat Fisheries Project (YKFP)	Confederated Tribes and Bands of the Yakama Nation	Yakima
41	1997-013-35	Klickitat River Operations and Maintenance (O&M) for Hatcheries and Acclimation Sites-Yakima/Klickitat Fisheries Project (YKFP)	Confederated Tribes and Bands of the Yakama Nation	Wind, Hood, Fifteenmile, Klickitat, Rock Creek
42	1997-015-01	Imnaha River Steelhead Status and Smolt Monitoring	Nez Perce Tribe (NPT)	Grande Ronde, Imnaha
43	1997-051-00	Yakima Basin Habitat Project	Confederated Tribes and Bands of the Yakama Nation	Yakima
44	1997-056-00	Yakama Southern Territories Habitat Project (STHP)	Confederated Tribes and Bands of the Yakama Nation	Wind, Hood, Fifteenmile, Klickitat, Rock Creek

## Attachment 1 continued:

	<b>Project Number</b>	<b>Project Title</b>	<b>Sponsor</b>	<b>Presentation Set</b>
45	1997-060-00	NPT DFRM Focus Watershed Restoration Program	Nez Perce Tribe (NPT)	Clearwater
46	1998-007-02	Grande Ronde Supplementation Operations and Maintenance (O&M) and Monitoring and Evaluation (M&E) on Lostine River	Nez Perce Tribe (NPT)	Grande Ronde, Imnaha
47	1998-007-03	Grande Ronde Supplementation O&M on Catherine Creek/Upper Grande Ronde River	Confederated Tribes of the Umatilla Indian Reservation (CTUIR)	Grande Ronde, Imnaha
48	1998-016-00	John Day River Salmonid Monitoring to Inform Recovery	Oregon Department of Fish and Wildlife	John Day
49	1998-019-00	Wind River Watershed	Underwood Conservation District (UCD), US Forest Service (USFS), US Geological Survey (USGS), Washington Department of Fish and Wildlife (WDFW)	Wind, Hood, Fifteenmile, Klickitat, Rock Creek
50	1998-021-00	Hood River Fish Habitat	Confederated Tribes of Warm Springs (CTWS)	Wind, Hood, Fifteenmile, Klickitat, Rock Creek
51	1998-028-00	Trout Creek Watershed Restoration	Jefferson County Soil and Water Conservation District (SWCD)	Deschutes
52	1999-017-00	Protect and Restore Lapwai Creek Watershed	Nez Perce Tribe (NPT)	Clearwater

## Attachment 1 continued:

	<b>Project Number</b>	<b>Project Title</b>	<b>Sponsor</b>	<b>Presentation Set</b>
53	2000-015-00	Upper John Day Conservation Lands Program	Confederated Tribes of Warm Springs (CTWS)	John Day
54	2000-031-00	Enhance Habitat in the North Fork John Day River	Confederated Tribes of the Umatilla Indian Reservation (CTUIR)	John Day
55	2000-038-02	Walla Walla River Hatchery Operations and Maintenance (O&M)	Confederated Tribes of the Umatilla Indian Reservation (CTUIR)	Walla Walla
56	2000-039-00	Walla Walla River Basin Monitoring and Evaluation (M&E)	Confederated Tribes of the Umatilla Indian Reservation (CTUIR)	Walla Walla
57	2000-039-01	Touchet River VSP Monitoring	Washington Department of Fish and Wildlife (WDFW)	Wind, Hood, etc. [in the Walla Walla set, but presentation set is different due to schedule conflict]
58	2001-021-00	Wasco County Riparian Buffers	Wasco County Soil and Water Conservation District (SWCD)	Wind, Hood, Fifteenmile, Klickitat, Rock Creek
59	2002-034-00	Riparian Buffers in Wheeler County	Wheeler County Soil and Water Conservation District (SWCD)	John Day
60	2002-035-00	Riparian Buffers in Gilliam County	Gilliam County Soil and Water Conservation District (SWCD)	John Day
61	2002-053-00	Lower Snake River Steelhead VSP Monitoring	Washington Department of Fish and Wildlife (WDFW)	Tucannon, Asotin

## Attachment 1 continued:

	<b>Project Number</b>	<b>Project Title</b>	<b>Sponsor</b>	<b>Presentation Set</b>
62	2002-059-00	Yankee Fork Salmon River Restoration	Shoshone-Bannock Tribes (SBT)	Salmon, Upper Snake
63	2002-060-00	Nez Perce Harvest Monitoring on Snake and Clearwater Rivers	Nez Perce Tribe (NPT)	Clearwater
64	2002-061-00	Potlatch River Watershed Restoration – Latah SWCD Project Development	Latah Soil and Water Conservation District (SWCD)	Clearwater
65	2002-068-00	Clearwater and Wallowa Parr Distribution and Habitat Assessment	Nez Perce Tribe (NPT)	Clearwater
66	2002-070-00	Lapwai Creek Anadromous Habitat	Nez Perce Soil and Water Conservation District (SWCD)	Clearwater
67	2002-072-00	Red River and Newsome Creek Watershed Restoration	Nez Perce Tribe (NPT)	Clearwater
68	2003-007-00	Lower Columbia River Estuary Ecosystem Monitoring	Lower Columbia Estuary Partnership	Estuary, Lower Columbia, Willamette
69	2003-011-00	Columbia River Estuary Habitat Restoration	Lower Columbia Estuary Partnership	Estuary, Lower Columbia, Willamette
70	2003-022-00	Okanogan Basin Monitoring & Evaluation Program (OBMEP)	Confederated Tribes of the Colville Reservation (CTCR)	Upper Columbia
71	2003-023-00	Chief Joseph Hatchery Program	Confederated Tribes of the Colville Reservation (CTCR)	Upper Columbia

## Attachment 1 continued:

	<b>Project Number</b>	<b>Project Title</b>	<b>Sponsor</b>	<b>Presentation Set</b>
72	2003-039-00	Monitor and Evaluate (M&E) Reproductive Success and Survival in Wenatchee River	National Oceanic and Atmospheric Administration, Washington Department of Fish and Wildlife (WDFW)	Upper Columbia
73	2007-083-00	Grande Ronde Supplementation Monitoring and Evaluation (M&E) on Catherine Creek/Upper Grande Ronde River	Confederated Tribes of the Umatilla Indian Reservation (CTUIR)	Grande Ronde, Imnaha
74	2007-127-00	South Fork Salmon River, Big Creek & Little Salmon River Watershed Restoration	Nez Perce Tribe (NPT)	Salmon, Upper Snake
75	2007-217-00	Walla Walla River Passage Operations and Maintenance (O&M)	Gardena Farms Irrigation District #13	Walla Walla
76	2007-224-00	Okanogan Subbasin Habitat Implementation Program (OSHIP)	Confederated Tribes of the Colville Reservation (CTCR)	Upper Columbia
77	2007-268-00	Idaho Watershed Habitat Restoration-Custer District	Custer Soil and Water Conservation District (SWCD)	Salmon, Upper Snake
78	2007-393-00	Protect & Restore NE OR & SE WA Watershed Habitat	Nez Perce Tribe (NPT)	Grande Ronde, Imnaha
79	2007-394-00	Upper Salmon Basin Habitat Restoration	Idaho Governor's Office of Species Conservation	Salmon, Upper Snake

## Attachment 1 continued:

	<b>Project Number</b>	<b>Project Title</b>	<b>Sponsor</b>	<b>Presentation Set</b>
80	2007-395-00	Protect and Restore Lochsa Watershed	Nez Perce Tribe (NPT)	Clearwater
81	2007-396-00	Walla Walla Basinwide Tributary Passage and Flow	Walla Walla Basin Watershed Council	Walla Walla
82	2007-397-00	John Day Watershed Restoration	Confederated Tribes of Warm Springs (CTWS)	John Day
83	2007-398-00	Yakima Tributary Access & Habitat Program	Washington Resource Conservation and Development	Yakima
84	2007-399-00	Upper Salmon Screen Tributary Passage	Idaho Department of Fish and Game (IDFG)	Salmon, Upper Snake
85	2007-401-00	Kelt Reconditioning and Reproductive Success Evaluation Research	Columbia River Inter-Tribal Fish Commission (CRITFC)	Upper Columbia
86	2007-402-00	Snake River Sockeye Captive Propagation	Idaho Department of Fish and Game (IDFG)	Salmon, Upper Snake
87	2008-102-00	Okanogan Habitat Acquisition and Restoration	Confederated Tribes of the Colville Reservation (CTCR)	Upper Columbia
88	2008-104-00	Land & Water Acquisition	Confederated Tribes of the Colville Reservation (CTCR)	Upper Columbia

## Attachment 1 continued:

	<b>Project Number</b>	<b>Project Title</b>	<b>Sponsor</b>	<b>Presentation Set</b>
89	2008-202-00	CTUIR Tucannon Basin Fish Habitat Enhancement Project	Confederated Tribes of the Umatilla Indian Reservation (CTUIR)	Tucannon, Asotin
90	2008-206-00	Instream Flow Restoration	Confederated Tribes of the Umatilla Indian Reservation (CTUIR)	Grande Ronde, Imnaha
91	2008-207-00	CTUIR Priority Stream Corridor Conservation and Protection (Umatilla Tribe Protection and Capital Acquisition)	Confederated Tribes of the Umatilla Indian Reservation (CTUIR)	Grande Ronde, Imnaha
92	2008-301-00	Habitat Restoration Planning/Design/Implementation within boundaries of Warm Springs Reservation, lower Deschutes River, Oregon	Confederated Tribes of Warm Springs (CTWS)	Deschutes
93	2008-306-00	Deschutes River Fall Chinook Research and Monitoring	Confederated Tribes of Warm Springs (CTWS)	Deschutes
94	2008-311-00	Natural Production Management and Monitoring	Confederated Tribes of Warm Springs (CTWS)	Deschutes
95	2008-503-00	Studies into Factors Limiting the Abundance of Okanagan and Wenatchee Sockeye Salmon	Columbia River Inter-Tribal Fish Commission (CRITFC)	Upper Columbia
96	2008-603-00	Pahsimeroi River Habitat	Idaho Governor's Office of Species Conservation	Salmon, Upper Snake
97	2008-604-00	Potlatch River Watershed Habitat Improvements	Idaho Governor's Office of Species Conservation	Clearwater

## Attachment 1 continued:

	<b>Project Number</b>	<b>Project Title</b>	<b>Sponsor</b>	<b>Presentation Set</b>
98	2008-608-00	Idaho MOA/Fish Accord Water Transactions	Idaho Department of Water Resources (IDWR), Idaho Governor's Office of Species Conservation	Salmon, Upper Snake
99	2008-904-00	Salmon River Basin Nutrient Enhancement	Shoshone-Bannock Tribes (SBT)	Salmon, Upper Snake
100	2008-905-00	Supplementation Projects	Shoshone-Bannock Tribes (SBT)	Salmon, Upper Snake
101	2008-906-00	Crystal Springs Planning and Operations/Maintenance	Shoshone-Bannock Tribes (SBT)	Salmon, Upper Snake
102	2008-907-00	Genetic Assessment of Columbia River Stocks	Columbia River Inter-Tribal Fish Commission (CRITFC)	General AP
103	2009-002-00	Status and Trend Annual Reporting and Information Management	Confederated Tribes and Bands of the Yakama Nation	Yakima
104	2009-003-00	Upper Columbia Habitat Restoration	Confederated Tribes and Bands of the Yakama Nation	Upper Columbia
105	2009-004-00	Evaluating salmonid and stream ecosystem response to conservation measures and environmental stressors in the Columbia River basin	Columbia River Inter-Tribal Fish Commission (CRITFC)	Grande Ronde, Imnaha
106	2009-009-00	Basinwide Supplementation Evaluation	Columbia River Inter-Tribal Fish Commission (CRITFC)	General AP

## Attachment 1 continued:

	<b>Project Number</b>	<b>Project Title</b>	<b>Sponsor</b>	<b>Presentation Set</b>
107	2009-012-00	Willamette Bi-Op Habitat Restoration	Oregon Watershed Enhancement Board	Estuary, Lower Columbia, Willamette
108	2009-014-00	Biomonitoring of Fish Habitat Enhancement	Confederated Tribes of the Umatilla Indian Reservation (CTUIR)	Grande Ronde, Imnaha
109	2009-026-00	CTUIR Ceded Area Juvenile & Adult Fish Passage Improvement	Confederated Tribes of the Umatilla Indian Reservation (CTUIR)	Walla Walla
110	2010-001-00	Upper Columbia Programmatic Habitat	Bonneville Power Administration, Upper Columbia Salmon Recovery Board	Upper Columbia
111	2010-003-00	Lower South Fork Clearwater/Slate Creek Watershed Restoration	Nez Perce Tribe (NPT)	Clearwater
112	2010-004-00	CREST Estuary Habitat Restoration	Columbia River Estuary Study Taskforce (CREST)	Estuary, Lower Columbia, Willamette
113	2010-030-00	Project to provided VSP Estimates for Yakima Steelhead MPG	Confederated Tribes and Bands of the Yakama Nation	Yakima
114	2010-031-00	IDFG Genetic Monitoring of Snake River steelhead and Chinook Salmon	Idaho Department of Fish and Game (IDFG)	General AP
115	2010-033-00	Study Reproductive Success of Hatchery and Natural Origin Steelhead in the Methow	Washington Department of Fish and Wildlife (WDFW)	Upper Columbia

## Attachment 1 continued:

	<b>Project Number</b>	<b>Project Title</b>	<b>Sponsor</b>	<b>Presentation Set</b>
116	2010-034-00	Upper Columbia Spring Chinook and Steelhead Juvenile and Adult Abundance, Productivity and Spatial Structure Monitoring	Washington Department of Fish and Wildlife (WDFW)	Upper Columbia
117	2010-050-00	Tucannon River Steelhead Supplementation M&E	Washington Department of Fish and Wildlife (WDFW)	Tucannon, Asotin
118	2010-057-00	Snake Basin Anadromous Assessments	Nez Perce Tribe (NPT)	Clearwater
119	2010-070-00	Lower Columbia River Estuary Scoping and Implementation	Washington Department of Fish and Wildlife (WDFW)	Estuary, Lower Columbia, Willamette
120	2010-072-00	Lemhi River Restoration	Idaho Governor's Office of Species Conservation	Salmon, Upper Snake
121	2010-073-00	Columbia Land Trust Estuarine Restoration	Columbia Land Trust	Estuary, Lower Columbia, Willamette
122	2010-077-00	Tucannon River Programmatic Habitat Project	Snake River Salmon Recovery Board	Tucannon, Asotin
123	2010-086-00	Protect and Restore the Crooked and American River Watersheds	Nez Perce Tribe (NPT)	Clearwater
124	2012-015-00	Cowlitz Indian Tribe Habitat Restoration and Conservation Program	Cowlitz Indian Tribe	Estuary, Lower Columbia, Willamette

**Attachment 2: Presentation Schedule for Anadromous Fish Habitat and Hatchery Review.**

<b>Presentation Set</b>	<b># Projects</b>	<b>Presentation Date</b>	<b>Time block (PDT)</b>
General AP	3	Monday, June 14, 2021	1:00 pm - 2:30 pm
John Day	9	Tuesday, June 15, 2021	1:00 pm - 4:40 pm
Tucannon, Asotin	6	Thursday, June 17, 2021	9:00 am - 12:00 pm
Walla Walla	6	Friday, June 18, 2021	8:30 am - 12:00 pm
Umatilla	8	Tuesday, June 22, 2021	1:00 pm - 4:30pm
Yakima	11	Thursday, June 24, 2021	1:00 pm - 5:00 pm
Deschutes	5	Wednesday, June 30, 2021	9:00 am - 12:00 pm
Estuary, Lower Columbia, Willamette	8	Thursday, July 1, 2021	8:30 am - 12:00 pm
Clearwater	18	Thursday, July 8, 2021	8:00 am - 4:00 pm
Grande Ronde, Imnaha	13	Monday, July 12, 2021	8:00 am - 2:00 pm
Upper Columbia	14	Thursday, July 15, 2021	8:30 am - 3:00 pm
Wind, Hood, Fifteenmile, Klickitat, Rock Creek	8	Wednesday, July 21, 2021	9:00 am - 12:00 pm
Salmon, Upper Snake	15	Thursday, July 22, 2021	8:30 am - 3:40 pm