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October 28th, 2010

MEMORANDUM

TO: Council Members

FROM: Staff

SUBJECT: Status Report on the RM&E and Artificial Production Categorical Review (no action required)

Status and Update

The final RM&E/Artificial Production review set includes 158 projects; 99 for full review and 59 for contextual review. The preliminary report from the Independent Scientific Review Panel (ISRP) was completed on October 13th, 2010. The table below lists the ISRP's and Peer Review Groups' preliminary comments and recommendations on 99 proposals submitted for the 2010 Research, Monitoring and Evaluation (RM&E) and Artificial Production Category Review to implement the Columbia River Basin Fish and Wildlife Program.

In this preliminary review, the ISRP finds that 22 proposals meet scientific review criteria, 25 proposals meet criteria with some qualifications. ISRP recommendations on those should be considered final. In anticipation of early and potential recommendations on projects with a final review, the public comment period is open for comments on the ISRP's recommendations for projects with a final report. However, staff does not anticipate bringing early recommendations forward to Council ahead of the scheduled January/February timeframe.

The other ISRP recommendations include 3 proposals found not to meet criteria and 5 proposals not applicable for review at this time. In addition, the ISRP requests responses on 44 proposals. Project proponents are provided an opportunity to respond to ISRP concerns by November 15, 2010 before the ISRP submits its final report to the Council on December 16, 2010. Response Requested is assigned to a proposal in a preliminary review that requires a response on specific issues before the ISRP can make its final recommendation. This does not mean that the proposal has failed the review. In general, the ISRP requests responses on a majority of proposals and a majority of proposals provide sufficient information in the response loop to meet the ISRP's scientific review criteria.

The ISRP has identified programmatic issues – some old, some new – that it will discuss over the next two months and include in the final December 16, 2010 report. Programmatic topics will include but not be limited to ocean studies, fish tagging, lamprey, habitat action effectiveness monitoring, results reporting, and process issues. The final report will also include (1) more in-depth consideration of the 59 “contextual” proposals; (2) programmatic-level discussion of how well the projects aligned with the questions and policies that the Council provided in its July 15 letter to the ISRP; and (3) follow-up reviews of two proposals reviewed in the Fiscal Year 2010 Fast Track review.

Next Review Steps

- November 15: Project proponent responses due to the ISRP
- December 16: ISRP Final Report
- January Council Meeting: ISRP presentation to Council and possible Council staff recommendation to Committee
- February and March Council Meetings: Staff Recommendation to Committee and possible Committee/Council/Possible Council decisions

ISRP Preliminary Report Summary: Research, Monitoring, and Evaluation and Artificial Production Category Review

ID	Title	Proponent	Meets scientific criteria?
199008000	Columbia Basin PIT Tag Information System	Pacific States Marine Fisheries Commission (PSMFC)	Yes
200500200	Lower Granite Dam Adult Trap Operations	National Oceanic and Atmospheric Administration (NOAA)	Yes
199602100	Gas Bubble Disease Monitoring	US Geological Survey (USGS)	Yes
198910700	Statistical Support For Salmonid Survival Studies	University of Washington	Yes
199105100	Modeling and Evaluation Statistical Support for Life-Cycle Studies	University of Washington	Yes
199102900	Research, monitoring, and evaluation of emerging issues and measures to recover the Snake River fall Chinook salmon ESU	US Fish and Wildlife Service (USFWS), US Geological Survey (USGS)	Yes
198201301	Coded Wire Tag-Pacific States Marine Fisheries Commission (PSMFC)	Pacific States Marine Fisheries Commission (PSMFC)	Yes
198201302	Coded Wire Tag-Oregon Department of Fish and Wildlife (ODFW)	Oregon Department of Fish and Wildlife (ODFW)	Yes
200739100	Tribal Conservation Enforcement-Columbia River Inter-tribal Fish Commission (CRITFC)	Columbia River Inter-Tribal Fish Commission (CRITFC)	Yes
199702400	Avian Predation on Juvenile Salmonids	Oregon State University, Real Time Research	Yes
199801900	Wind River Watershed	National Oceanic and Atmospheric Administration (NOAA), Underwood Conservation District (UCD), US Forest Service (USFS), US Geological Survey (USGS), Washington Department of Fish and Wildlife (WDFW)	Yes
200733200	Mitigation of Marine-Derived Nutrient Loss in Central Idaho	Idaho Department of Fish and Game (IDFG), Idaho State University, University of Idaho, Washington State University	Yes
200303900	Monitoring the reproductive success of naturally spawning hatchery and natural spring Chinook salmon in the Wenatchee River	Washington Department of Fish and Wildlife (WDFW), National Oceanic and Atmospheric Administration (NOAA)	Yes
200305000	Evaluate the Reproductive Success of Wild and Hatchery Steelhead in Natural and Hatchery Environments	University of Washington	Yes
200305400	Evaluate the Relative Reproductive Success of Hatchery-Origin and Wild-Origin Steelhead Spawning Naturally in the Hood River	Oregon State University	Yes

ID	Title	Proponent	Meets scientific criteria?
201008500	Columbia River Hatchery Effects Evaluation Team (CRHEET)	Bonneville Power Administration, National Oceanic and Atmospheric Administration (NOAA)	Yes
200203100	Growth Modulation in Salmon Supplementation	National Oceanic and Atmospheric Administration (NOAA), University of Washington	Yes
200003900	Walla Walla River Basin Monitoring and Evaluation (M&E)	Umatilla Confederated Tribes (CTUIR), Washington Department of Fish and Wildlife (WDFW)	Yes
200713200	NEOH Monitoring & Evaluation Implementation (Formerly a component of 198805301)	Nez Perce Tribe, Oregon Department of Fish and Wildlife (ODFW), Umatilla Confederated Tribes (CTUIR)	Yes
199801004	Monitor and Evaluate (M&E) Performance of Juvenile Snake River Fall Chinook Salmon from Fall Chinook Acclimation Project	Nez Perce Tribe	Yes
199801005	Fall Chinook Acclimation Facilities on Snake/Clearwater Rivers	Nez Perce Tribe	Yes
198335000	Nez Perce Tribal Hatchery Operations and Maintenance (O&M)	Nez Perce Tribe	Yes
199801400	Ocean Survival of Salmonids	National Oceanic and Atmospheric Administration (NOAA)	Yes (Qualified)
200300900	Salmon Shelf Survival Study	Canada Department of Fisheries and Oceans	Yes (Qualified)
200311400	Coastal Ocean Acoustic Salmon Tracking (COAST)	Kintama Research	Yes (Qualified)
198331900	Development and Evaluation of Fish-Tracking Technologies (Title changed for Project 198331900 in 2006)	National Oceanic and Atmospheric Administration (NOAA)	Yes (Qualified)
200100300	Installation and Evaluation of Established PIT-tag Technologies (Title changed for Project 200100300 in 2006)	Digital Angel Corporation, National Oceanic and Atmospheric Administration (NOAA), Pacific States Marine Fisheries Commission (PSMFC)	Yes (Qualified)
199403300	Fish Passage Center	Pacific States Marine Fisheries Commission (PSMFC), Fish Passage Center	Yes (Qualified)
199602000	Comparative Survival Study (CSS)	Columbia River Inter-Tribal Fish Commission (CRITFC), Fish Passage Center, Idaho Department of Fish and Game (IDFG), Oregon Department of Fish and Wildlife (ODFW), Pacific States Marine Fisheries Commission (PSMFC), US Fish and Wildlife Service (USFWS), W	Yes (Qualified)
199102800	Pit Tagging Wild Chinook	National Oceanic and Atmospheric Administration (NOAA)	Yes (Qualified)

ID	Title	Proponent	Meets scientific criteria?
200851800	Upstream Migration Timing	Columbia River Inter-Tribal Fish Commission (CRITFC)	Yes (Qualified)
199900301	Evaluate Spawning of Fall Chinook and Chum Salmon Just Below the Four Lowermost Mainstem Dams	Pacific Northwest National Laboratory (PNNL), Pacific States Marine Fisheries Commission (PSMFC), Washington Department of Fish and Wildlife (WDFW)	Yes (Qualified)
199902000	Analyze the Persistence and Spatial Dynamics of Chinook Salmon	US Forest Service (USFS)	Yes (Qualified)
200739000	Tribal Conservation Enforcement-Confederated Tribe of Umatilla Indian Reservation (CTUIR)	Umatilla Confederated Tribes (CTUIR)	Yes (Qualified)
199007700	Development of Systemwide Predator Control	Oregon Department of Fish and Wildlife (ODFW), Pacific States Marine Fisheries Commission (PSMFC), Washington Department of Fish and Wildlife (WDFW)	Yes (Qualified)
200301700	Integrated Status and Effectiveness Monitoring Program (ISEMP)	National Oceanic and Atmospheric Administration (NOAA), Eco Logical Research, Environmental Data Services, Quantitative Consultants Inc, Terraqua, Inc., Volk Consulting	Yes (Qualified)
198909600	Genetic Monitoring and Evaluation (M&E) Program for Salmon and Steelhead	National Oceanic and Atmospheric Administration (NOAA)	Yes (Qualified)
200729900	Investigation of Relative Reproductive Success of Stray Hatchery & Wild Steelhead & Influence of Hatchery Strays on Productivity in the Deschutes	Oregon Department of Fish and Wildlife (ODFW)	Yes (Qualified)
200901400	Biomonitoring of Fish Habitat Enhancement	Umatilla Confederated Tribes (CTUIR)	Yes (Qualified)
201005000	Evaluation of the Tucannon River Summer Steelhead Endemic Stock Hatchery Program	Washington Department of Fish and Wildlife (WDFW)	Yes (Qualified)
199800703	Grande Ronde Supplementation O&M on Catherine Creek/Upper Grande Ronde River	Umatilla Confederated Tribes (CTUIR)	Yes (Qualified)
200740400	Spring Chinook Captive Propagation-Oregon	National Oceanic and Atmospheric Administration (NOAA), Oregon Department of Fish and Wildlife (ODFW), Umatilla Confederated Tribes (CTUIR)	Yes (Qualified)
199701501	Imnaha River Smolt Monitoring	Nez Perce Tribe	Yes (Qualified)
200723300	Distribution and Abundance Monitoring of Oncorhynchus mykiss within the Lower Clearwater Subbasin	Nez Perce Tribe	Yes (Qualified)

ID	Title	Proponent	Meets scientific criteria?
201007600	Characterizing migration and survival for juvenile Snake River sockeye salmon between the upper Salmon River basin and Lower Granite Dam	Idaho Department of Fish and Game (IDFG), National Oceanic and Atmospheric Administration (NOAA)	In Part
200300700	Lower Columbia River Estuary Ecosystem Monitoring	Lower Columbia River Estuary Partnership (LCREP)	In Part (Qualified)
199202604	Life History of Grande Ronde River Spring Chinook Salmon and Steelhead	Oregon Department of Fish and Wildlife (ODFW)	In Part (Qualified)
198712700	Smolt Monitoring by Non-Federal Entities	Columbia River Inter-Tribal Fish Commission, Fish Passage Center, Idaho Department of Fish and Game, Oregon Department of Fish and Wildlife, Pacific States Marine Fisheries Commission, US Fish and Wildlife Service	Response requested
199302900	Survival Estimates for the Passage of Juvenile Salmonids Through Snake and Columbia River Dams and Reservoirs	National Oceanic and Atmospheric Administration (NOAA)	Response requested
200304100	Evaluate Delayed (Extra) Mortality Associated with Passage of Yearling Chinook Salmon through Snake River Dams	National Oceanic and Atmospheric Administration (NOAA)	Response requested
200203200	SNAKE RIVER FALL CHINOOK SALMON LIFE HISTORY INVESTIGATIONS	National Oceanic and Atmospheric Administration (NOAA), Pacific Northwest National Laboratory (PNNL), University of Idaho, US Fish and Wildlife Service (USFWS), US Geological Survey (USGS)	Response requested
198201303	Coded Wire Tag-US Fish and Wildlife Service (USFWS)	US Fish and Wildlife Service (USFWS)	Response requested
198201304	Coded Wire Tag-Washington Department of Fish and Wildlife (WDFW)	Washington Department of Fish and Wildlife (WDFW)	Response requested
200810600	Tribal Conservation Enforcement-Colville Tribe	Colville Confederated Tribes	Response requested
200206000	Nez Perce Harvest Monitoring on Snake and Clearwater Rivers	Nez Perce Tribe	Response requested
200810500	Selective Gear Deployment	Colville Confederated Tribes	Response requested
200727500	Impact of American Shad in the Columbia River	US Geological Survey (USGS)	Response requested
199402600	Pacific Lamprey Research and Restoration Project	Umatilla Confederated Tribes (CTUIR), National Oceanic and Atmospheric Administration (NOAA)	Response requested
200201600	Evaluate the Status of Pacific Lamprey in the Lower Deschutes River	Confederated Tribes of Warm Springs	Response requested

ID	Title	Proponent	Meets scientific criteria?
198605000	White Sturgeon Mitigation and Restoration in the Lower Columbia and Snake Rivers	Oregon Department of Fish and Wildlife (ODFW)	Response requested
201008200	PNAMP Integrated Status and Trends Monitoring (ISTM) Demonstration Project	Oregon Department of Fish and Wildlife (ODFW), Oregon State University, US Geological Survey (USGS), Washington Department of Fish and Wildlife (WDFW), Bioanalysts, Inc., Lower Columbia Fish Recovery Board, Washington Department of Ecology	Response requested
199603501	Yakama Reservation Watershed Project	Yakama Confederated Tribes	Response requested
200205300	Asotin Creek Salmon Population Assessment	Washington Department of Fish and Wildlife (WDFW)	Response requested
200206800	Implementation of the Columbia Habitat Monitoring Program in Lolo Creek, SF Clearwater, Lochsa, and Imnaha Rivers - NPT DFRM Watershed Division	Nez Perce Tribe	Response requested
201007500	Upper Columbia Implementation and Action Effectiveness Monitoring	Upper Columbia Salmon Recovery Board	Response requested
200302200	Okanogan Basin Monitoring & Evaluation Program (OBMEP)	Colville Confederated Tribes	Response requested
201005100	Upper Columbia Water Quality and Water Quantity Gauges	Upper Columbia Salmon Recovery Board	Response requested
200725200	Multiscale Hyporheic Exchange	Umatilla Confederated Tribes (CTUIR)	Response requested
200201301	Water Entity - Water Transaction Program	National Fish and Wildlife Foundation	Response requested
200203000	Salmonid Progeny Markers	Umatilla Confederated Tribes (CTUIR)	Response requested
200306300	Natural Reproductive Success and Demographic Effects of Hatchery-Origin Steelhead in Abernathy Creek, Washington	US Fish and Wildlife Service (USFWS)	Response requested
199703800	Listed Stock Chinook Salmon Gamete Preservation	Nez Perce Tribe	Response requested
201005700	B-run Steelhead Supplementation Monitoring Project	Idaho Department of Fish and Game (IDFG), Nez Perce Tribe	Response requested
200740200	Snake River Sockeye Captive Propagation	Idaho Department of Fish and Game (IDFG), National Oceanic and Atmospheric Administration (NOAA), Shoshone-Bannock Tribes	Response requested
200740100	Kelt Reconditioning and Reproductive Success Evaluation Research	Columbia River Inter-Tribal Fish Commission (CRITFC)	Response requested

ID	Title	Proponent	Meets scientific criteria?
199306000	Select Area Fisheries Enhancement	Oregon Department of Fish and Wildlife (ODFW), Clatsop County Fisheries, Washington Department of Fish and Wildlife (WDFW)	Response requested
198343500	Umatilla Hatchery Satellite Facilities Operations and Maintenance (O&M)	Umatilla Confederated Tribes (CTUIR)	Response requested
198903500	Umatilla Hatchery Operations and Maintenance (O&M)	Oregon Department of Fish and Wildlife (ODFW)	Response requested
199000500	Umatilla Hatchery Monitoring and Evaluation (M&E)	Oregon Department of Fish and Wildlife (ODFW)	Response requested
199000501	Umatilla Basin Natural Production Monitoring and Evaluation (M&E)	Umatilla Confederated Tribes (CTUIR)	Response requested
198902401	Umatilla Juvenile Salmonid Outmigration and Survival	Oregon Department of Fish and Wildlife (ODFW)	Response requested
200820300	Assess Reintroduction of Steelhead in Butter, McKay & Willow Creeks	Umatilla Confederated Tribes (CTUIR)	Response requested
200820400	Assess Reintroduction of Anadromous Fish in Burnt, Powder & Malheur Rivers	Umatilla Confederated Tribes (CTUIR)	Response requested
199506325	Yakima River Monitoring and Evaluation-Yakima/Klickitat Fisheries Project (YKFP)	Washington Department of Fish and Wildlife (WDFW), Yakama Confederated Tribes, Oncorh Consulting	Response requested
199506425	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)	Response requested
199701325	Yakima River Operations and Maintenance (O&M) for Hatcheries and Acclimation Sites-Yakima/Klickitat Fisheries Project (YKFP)	Yakama Confederated Tribes	Response requested
199800704	Grande Ronde Spring Chinook on Lostine/Catherine Creek/ Upper Grande Ronde Rivers	Oregon Department of Fish and Wildlife (ODFW)	Response requested
200708300	Grande Ronde Spring Chinook Salmon Supplementation Monitoring and Evaluation (M&E) on Catherine Creek/Upper Grande Ronde River	Umatilla Confederated Tribes (CTUIR)	Response requested
198335003	Nez Perce Tribal Hatchery Monitoring and Evaluation (M&E)	Nez Perce Tribe	Response requested
199604300	Johnson Creek Artificial Propagation Enhancement	Nez Perce Tribe	Response requested
200740300	Spring Chinook Captive Propagation-Idaho	Idaho Department of Fish and Game (IDFG), National Oceanic and Atmospheric Administration (NOAA)	Response requested

ID	Title	Proponent	Meets scientific criteria?
<u>200850600</u>	Smolt Monitoring Video Feasibility Project	Columbia River Inter-Tribal Fish Commission (CRITFC)	No
<u>200715600</u>	Rock Creek Fish and Habitat Assessment	Yakama Confederated Tribes	No
<u>200890500</u>	Supplementation, Monitoring, and Evaluation Program	Shoshone-Bannock Tribes	No
<u>200890800</u>	FCRPS Water Studies & Passage of Adult Salmon & Steelhead	Colville Confederated Tribes	Not applicable
<u>200852700</u>	John Day Reprogramming & Construction	Columbia River Inter-Tribal Fish Commission (CRITFC)	Not applicable
<u>198805301</u>	Northeast Oregon Hatchery Master Plan	Nez Perce Tribe	Not applicable
<u>198805305</u>	Northeast Oregon Outplanting Facilities	Oregon Department of Fish and Wildlife (ODFW)	Not applicable
<u>200890600</u>	Crystal Springs Planning and Operations/Maintenance	Shoshone-Bannock Tribes	Not applicable