

**Table 1: List of Hydrosystem Projects**

Strategy	Substrategy	Project Title	RPA Action Num	Project ID Number	Lead Agency	02 Work Expectation	FY02 Work?
Configuration	Adult Passage	Adult PIT Tag Monitoring @ Bonneville, etc.	50	1676	COE	Complete Bonneville implementation	Yes
Configuration	Adult Passage	Adult PIT Tag Monitoring- Snake River Projects	90	1686	COE	Complete Design for installation at Ice Harbor	Yes
Configuration	Adult Passage	Bonneville 2 Fish Units Intake Debris (adult passage improvement)	6, 146	1627	COE	Initiate construction	Yes
Configuration	Adult Passage	Bonneville 2nd Powerhouse Adult Fishway Water Supply	120,127	1668	COE	Initiate, complete construction	Yes
Configuration	Adult Passage	Bonneville Adult Fallback	60, 113	1667	COE	Complete alternatives study continue monitoring	Yes
Configuration	Adult Passage	Feasibility of Removal of Ghost Fishing Nets	107	1771	BPA	Locate and remove any ghost nets. Possible estimate of loss.	Yes
Configuration	Adult Passage	Ice Harbor Adult Fishway Auxiliary Water Supply	129	1675	COE	Purchase new pumps. Upgrade S Shore Elec.	Yes
Configuration	Adult Passage	John Day - Monitoring facility/ adult holding eval	?	1803	COE	No Work in 02	Yes
Configuration	Adult Passage	John Day Ladder Temperature Project	114	1671	COE	Complete analysis, determine future direction	No
Configuration	Adult Passage	John Day North Shore - Adult Fishway Water Supply	128	1669	COE	Complete review, initiate design report	Yes
Configuration	Adult Passage	John Day Salmonid Holding and Jumping Project	110,116	1670	COE	Complete design report	Yes
Configuration	Adult Passage	Little Goose Adult Fishway Auxiliary Water Supply	129	1674	COE	Complete Hydraulic Modeling	Yes
Configuration	Adult Passage	Lower Granite - Adult PIT detectors (new)	109	1806	COE	No work in 02	No
Configuration	Adult Passage	Lower Granite Adult Fishway Auxiliary Water Supply	129	1672	COE	Award Construction Contract	Yes
Configuration	Adult Passage	Lower Monumental Adult Fishway Auxiliary Water	129	1673	COE	Complete Technical Report	Yes
Configuration	Adult Passage	McNary Adult PIT Tag Program	50, 107	1677	COE	Complete Construction and Installation of PIT tag facility	Yes
Configuration	Adult Passage	McNary/Ice Harbor Collection Channel Adult Fallback Project	112	1666	COE	Collect Additional Data. Define Problem?	Yes
Configuration	Adult Passage	The Dalles Adult Entrance Channel Dewatering Mod	123,	1665	COE	Initiate construction	Yes
Configuration	Adult Passage	The Dalles North Shore Auxiliary Water Supply	129	1919	COE	Initiate study	Yes
Configuration	Adult Passage	The Dalles Sluice Outfall & Auxiliary Water Supply	122,70	1664	COE	Resolve outfall location, compl. design report	Yes
Configuration	Juvenile Passage	Avian Predation Study	101	1828	COE	Continue studies	Yes

**Table 1: List of Hydrosystem Measures**

Strategy	Substrategy	Project Title	RPA Action Num	Project ID Number	Lead Agency	02 Work Expectation	FY02 Work?
Configuration	Juvenile Passage	Bonneville 1st Powerhouse FGE Improvements	97,62,63	1634	COE	Determine whether further prototype tests required	Yes
Configuration	Juvenile Passage	Bonneville 1st Powerhouse JBS Improvements	97	1630	COE	Complete Plans and Specifications	Yes
Configuration	Juvenile Passage	Bonneville 1st Powerhouse Surface Bypass	97,61,86,	1633	COE	Complete B1 configuration decision report	Yes
Configuration	Juvenile Passage	Bonneville 2nd Powerhouse FGE Improvements	67	1635	COE	Evaluate Prototype Installation	Yes
Configuration	Juvenile Passage	Bonneville 2nd Powerhouse Gatewell Debris Removal	6, 146	1631	COE	No Work in 02	Yes
Configuration	Juvenile Passage	Bonneville 2nd Powerhouse JBS Improvements	65	1629	COE	Follow on Construction, as needed	Yes
Configuration	Juvenile Passage	Bonneville 2nd Powerhouse Surface Bypass	84,86,66	1632	COE	Award Construction Contract	Yes
Configuration	Juvenile Passage	Bonneville Flat Plate	87	1637	COE	Technology Development	Yes
Configuration	Juvenile Passage	Bonneville Juvenile Fish Bypass Studies	82,83	1636	COE	Continue spill efficiency/survival studies	Yes
Configuration	Juvenile Passage	Dalles Project Survival Study	69	1658	COE	Continue research	Yes
Configuration	Juvenile Passage	Ice Harbor Spillway Survival Study	82,83	1656	COE	Continuing Research	Yes
Configuration	Juvenile Passage	John Day - Relocation evaluation (Ringold)	?	1798	COE	Continue releases and monitoring	Yes
Configuration	Juvenile Passage	John Day Extended Length Screens	98,73,146	1662	COE	Re-test gatewell mortality issues	Yes
Configuration	Juvenile Passage	John Day Surface Bypass/Removable Spillway Weir	140,86,134,35,98,72,138	1701	COE	Defer prototype, initiate egress studies	No
Configuration	Juvenile Passage	Little Goose Extended Submerged Bar Screens	96,94	1640	COE	Complete Installation of Improvements	Yes
Configuration	Juvenile Passage	Little Goose Pit-Tag System Modification	53,94,87	1652	COE	Complete Construction	Yes
Configuration	Juvenile Passage	Little Goose Trash Boom	79,	1655	COE	Monitor predator use of new boom	Yes
Configuration	Juvenile Passage	Lower Granite Extended Submerged Bar Screens	94,97	1641	COE	Complete Installation of Improvements	Yes
Configuration	Juvenile Passage	Lower Granite Juvenile Bypass System	81	1650	COE	No Work in 02	No
Configuration	Juvenile Passage	Lower Granite Surface Bypass and Collection	80,86,138,85,99	1639	COE	Biological/Hydrological Test of RSW in Spring	Yes
Configuration	Juvenile Passage	Lower Monumental - Stilling basin repair	6, 144	1799	COE	Complete filling of eroded areas.	Yes
Configuration	Juvenile Passage	Lower Monumental Extended Submerged Bar Screens	94,78,99,	1642	COE	Initiate Analysis ESBS vs RSW	Yes
Configuration	Juvenile Passage	Lower Monumental Juvenile Bypass System Outfall	76	1651	COE	Complete Modeling	Yes
Configuration	Juvenile Passage	Lower Snake Feasibility Study	147	1872	COE	Complete FEIS	Yes

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Configuration	Juvenile Passage	Lower Snake River Juvenile Bypass System	53,94,	1644	COE	Initiate Engineering Evaluation of all JBS's	Yes
Configuration	Juvenile Passage	McNary - Juvenile facility improvements	74	1801	COE	Complete installation and test of 36-inch PIT-tag detector & replace release pipes.	Yes
Configuration	Juvenile Passage	McNary Cylindrical Dewatering Prototype Evaluation	94,74,146,	1653	COE	2nd year of debris & biological testing	Yes
Configuration	Juvenile Passage	McNary Extended Submerged Bar Screens	96,74,	1643	COE	Construct Spare ESBS/ final improvements	Yes
Configuration	Juvenile Passage	McNary Juvenile Fish Facility Debris	74,	1654	COE	Finalize Wes Modeling/Define Solutions	Yes
Configuration	Juvenile Passage	McNary Outfall Evaluation	74	1663	COE	Initiate investigation/Modeling	Yes
Configuration	Juvenile Passage	McNary Spillway Survival Study	82,83	1657	COE	Initiate first year of multi year research	Yes
Configuration	Juvenile Passage	The Dalles Sluice Outfall & Auxiliary Water Supply	122,70	1664	COE	Resolve outfall location, compl. design report	Yes
Configuration	Juvenile Passage	The Dalles Surface Bypass Studies	69,86	1628	COE	2002 Field Test	Yes
Configuration	Project RM&E	Adult Fish Transition Pool Evaluations	116	1682	COE	Continue Raised Weir Evaluations	Yes
Configuration	Project RM&E	Adult Lamprey Passage	119	1683	COE	Continue prototype tests	Yes
Configuration	Project RM&E	Adult Temperature Evaluation	116,34,114,115	1681	COE	Continue research	Yes
Configuration	Project RM&E	Adult Upstream Migration Studies	60, 107, 111, 113, 115, 116, 117, 118, 119	1678	COE	Continue passsge studies	Yes
Configuration	Project RM&E	Fish Ladder Temperature Evaluation	114	1680	COE	Collect data. Prepare White Paper	Yes
Configuration	Project RM&E	Investigate Adult Headburn	108	1685	COE	Initiate study	Yes
Configuration	Project RM&E	Juvenile Salmon Transportation Evaluations	185,191,195,46,45,181,182,52,49,47	1793			Yes
Configuration	Project RM&E	Marine Mammal Predation @Bonneville Tailrace	106	1684	COE	Initiate study	Yes
Configuration	Project RM&E	Separator Evaluation	95,81,53	1646	COE	Plans and Specs to Remove Prototype Structure	Yes
Configuration	Project RM&E	Turbine Design at The Dalles and Ice Harbor Dams	92	1712	COE		No
Configuration	Water Quality	Bonneville Gas Fast Track	134	1698	COE	Complete construction	Yes
Configuration	Water Quality	John Day Gas Fast Track	136	1714	COE	No Work in 02	No
Configuration	Water Quality	John Day Spill/Survival Studies	82,83,71	1700	COE	Continue evaluations	Yes
Configuration	Water Quality	Little Goose Gas Fast Track Deflectors	134,135,	1660	COE	Complete P&S	Yes
Configuration	Water Quality	Lower Granite Gas Fast Track	134	1871	COE	Initiate near field testing	Yes
Configuration	Water Quality	Lower Monumental Gas Fast Track Deflectors	135,134,76	1659	COE	Const End Bay deflectors/Complete model	Yes

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Configuration	Water Quality	McNary - Temperature Control	142	1800	COE	Initiate CFD Model Development	Yes
Configuration	Water Quality	McNary Gas Fast Track Deflectors	135,134,	1661	COE	Complete Construction of end bay deflectors. Complete Phase II P&S.	Yes
Configuration	Water Quality	Modify Water Supply to Dworshak NFH	33	1704	COE	Install new Boiler System/Initiate System 1 Mods	Yes
Configuration	Water Quality	O&M - Chief Joseph Dam	136	1887	COE	Spillway Modification	No
Configuration	Water Quality	Surface Bypass RSW at Lower Monumental Dam	77	1711	COE	No Work in 02	No
Configuration	Water Quality	Surface Bypass RSW at McNary Dam	75	1710	COE	No Work in 02	No
Configuration	Water Quality	The Dalles Gas Fast Track	134	1699	COE	Continue evaluations	No
Configuration	Water Quality	Water Quality Plan, 1-Year	5, 132	1696	COE/USBR/ BPA	Included in 2002 Annual IP	Yes
O&M	Transmission Support	Columbia Falls Transmission Reinforcement	56	1781	BPA	Completed in 2002	Yes
O&M	Transmission Support	New Generation Caused Transmission Reinforcement	57	1791	BPA	Report on Generation Additions Issued	Yes
O&M	Transmission Support	Schultz-Hanford Transmission Line	55	1782	BPA	NEPA Record of Decision Completed	Yes
O&M	Transmission Support	West of Hatwai Transmission Reinforcement	56	1784	BPA	Draft EIS in 2002	Yes
Operate and Maintain Fish Passage Facilities	Nonroutine O&M Fishery Items	General O&M - Walla Walla District (McNary, Ice Harbor, Lower Monumental, Little Goose, and Lower Granite Dams)	117	1849	COE	Rehab Adult Fish Counting Stations	Yes
Operate and Maintain Fish Passage Facilities	Nonroutine O&M Fishery Items	General O&M - Walla Walla District (McNary, Ice Harbor, Lower Monumental, Little Goose, and Lower Granite Dams)	125	1849	COE	Auxiliary Water Supply Sensor System and Grating Attachment	Yes
Operate and Maintain Fish Passage Facilities	Nonroutine O&M Fishery Items	General O&M - Walla Walla District (McNary, Ice Harbor, Lower Monumental, Little Goose, and Lower Granite Dams)	6, 121	1849	COE	Fish Facility Spare Parts	Yes
Operate and Maintain Fish Passage Facilities	Nonroutine O&M Fishery Items	General O&M - Walla Walla District (McNary, Ice Harbor, Lower Monumental, Little Goose, and Lower Granite Dams)	6, 144	1849	COE	Real-Time Turbine and Spillway Data	Yes
Operate and Maintain Fish Passage Facilities	Nonroutine O&M Fishery Items	General O&M - Walla Walla District (McNary, Ice Harbor, Lower Monumental, Little Goose, and Lower Granite Dams)	6, 144	1849	COE	Miscellaneous Fish Facility Modifications	No

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Operate and Maintain Fish Passage Facilities	Nonroutine O&M Fishery Items	General O&M - Walla Walla District (McNary, Ice Harbor, Lower Monumental, Little Goose, and Lower Granite Dams)	6, 145	1849	COE	Develop Preventative Maintenance Program	Yes
Operate and Maintain Fish Passage Facilities	Nonroutine O&M Fishery Items	General O&M - Walla Walla District (McNary, Ice Harbor, Lower Monumental, Little Goose, and Lower Granite Dams)	6, 146	1849	COE	Remove Obstructions From Turbine Environment	Yes
Operate and Maintain Fish Passage Facilities	Nonroutine O&M Fishery Items	Large Cap O&M - Dworshak	6, 144	1860	COE	Modify Hatchery Water Supply System	Yes
Operate and Maintain Fish Passage Facilities	Nonroutine O&M Fishery Items	Large Cap O&M - Ice Harbor	6, 144	1861	COE	Replace Adult Fishway Entrances and Hoists	Yes
Operate and Maintain Fish Passage Facilities	Nonroutine O&M Fishery Items	Large Cap O&M - Ice Harbor	6, 144	1861	COE	Rehab South Shore Fish Pumps	Yes
Operate and Maintain Fish Passage Facilities	Nonroutine O&M Fishery Items	Large Cap O&M - Ice Harbor	6, 144	1861	COE	Rehab Diffuser Valves and Operators	No
Operate and Maintain Fish Passage Facilities	Nonroutine O&M Fishery Items	Large Cap O&M - Ice Harbor	6, 144	1861	COE	Rehab Adult Powerhouse Collection Channel Mud Valves	No
Operate and Maintain Fish Passage Facilities	Nonroutine O&M Fishery Items	Large Cap O&M - Ice Harbor	6, 144	1861	COE	Replace Adult Fishway Control System	No
Operate and Maintain Fish Passage Facilities	Nonroutine O&M Fishery Items	Large Cap O&M - John Day Dam	6, 145	1862	COE	Rebuild Powerhouse Auxiliary Water Pumps	Yes
Operate and Maintain Fish Passage Facilities	Nonroutine O&M Fishery Items	Large Cap O&M - Little Goose	6, 144	1864	COE	Rehab Adult Fishway Entrances and Hoists	No

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Operate and Maintain Fish Passage Facilities	Nonroutine O&M Fishery Items	Large Cap O&M - Little Goose	6, 144	1864	COE	Rehab Adult Fish Pumps	No
Operate and Maintain Fish Passage Facilities	Nonroutine O&M Fishery Items	Large Cap O&M - Lower Granite	6, 144	1866	COE	Enlarge Adult Fishway Diffuser Chambers	No
Operate and Maintain Fish Passage Facilities	Nonroutine O&M Fishery Items	Large Cap O&M - Lower Granite	6, 144	1866	COE	Replace the two 200-Series Fish Barges	No
Operate and Maintain Fish Passage Facilities	Nonroutine O&M Fishery Items	Large Cap O&M - Lower Granite	6, 144	1866	COE	Additional Barge Moorage	No
Operate and Maintain Fish Passage Facilities	Nonroutine O&M Fishery Items	Large Cap O&M - Lower Granite	6, 144	1866	COE	Rehab Adult Fishway Entrances and Hoists	No
Operate and Maintain Fish Passage Facilities	Nonroutine O&M Fishery Items	Large Cap O&M - Lower Granite	6, 144	1866	COE	Rehab Adult Fish Pumps	No
Operate and Maintain Fish Passage Facilities	Nonroutine O&M Fishery Items	Large Cap O&M - Lower Granite	6, 144	1866	COE	Automate Fish Pump Bulkheads	No
Operate and Maintain Fish Passage Facilities	Nonroutine O&M Fishery Items	Large Cap O&M - Lower Monumental	6, 144	1867	COE	Juvenile Transportation Facility Valve Access Platforms	Yes
Operate and Maintain Fish Passage Facilities	Nonroutine O&M Fishery Items	Large Cap O&M - Lower Monumental	6, 144	1867	COE	Rehab Adult Fish Pumps	Yes
Operate and Maintain Fish Passage Facilities	Nonroutine O&M Fishery Items	Large Cap O&M - Lower Monumental	6, 144	1867	COE	Rehab Adult Fishway Entrances and Hoists	No

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Operate and Maintain Fish Passage Facilities	Nonroutine O&M Fishery Items	Large Cap O&M - Lower Monumental	6, 144	1867	COE	Replace Adult Fishway Control System	No
Operate and Maintain Fish Passage Facilities	Nonroutine O&M Fishery Items	Large Cap O&M - McNary	125	1868	COE	Rehab South Shore Rotovalves	No
Operate and Maintain Fish Passage Facilities	Nonroutine O&M Fishery Items	Large Cap O&M - McNary	125	1868	COE	Repair South Shore Diffuser Valves	No
Operate and Maintain Fish Passage Facilities	Nonroutine O&M Fishery Items	Large Cap O&M - McNary	6, 144	1868	COE	Rehab Fish Ladder Tilting Weirs	No
Operate and Maintain Fish Passage Facilities	Nonroutine O&M Fishery Items	Large Cap O&M - McNary	6, 144	1868	COE	Rehab South Shore Fish Pumps	No
Operate and Maintain Fish Passage Facilities	Nonroutine O&M Fishery Items	Large Cap O&M - McNary	6, 144	1868	COE	Rehab Adult Fishway Entrances	No
Operate and Maintain Fish Passage Facilities	Nonroutine O&M Fishery Items	Large Cap O&M - The Dalles Dam	6, 145	1869	COE	Rehab North Shore Fish Ladder	Yes
Operate and Maintain Fish Passage Facilities	Nonroutine O&M Fishery Items	Large Cap O&M - The Dalles Dam	6, 146	1869	COE	Replace North Shore Trash Rake	Yes
Operate and Maintain Fish Passage Facilities	Nonroutine O&M Fishery Items	Non-Routine O&M - Portland District	91	1884	COE	Remove Obstructions From Turbine Environment	Yes
Operate and Maintain Fish Passage Facilities	Nonroutine O&M Fishery Items	Non-Routine O&M - Portland District	117	1884	COE	Rehab Adult Fish Counting Stations	Yes

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Operate and Maintain Fish Passage Facilities	Nonroutine O&M Fishery Items	Non-Routine O&M - Portland District	120	1884	COE	Upgrade HELCRABS Model	Yes
Operate and Maintain Fish Passage Facilities	Nonroutine O&M Fishery Items	Non-Routine O&M - Portland District	125	1884	COE	Auxiliary Water Supply Sensor System and Grating Attachment	No
Operate and Maintain Fish Passage Facilities	Nonroutine O&M Fishery Items	Non-Routine O&M - Portland District	191	1884	COE	Implement New Fish Counting Actions	Yes
Operate and Maintain Fish Passage Facilities	Nonroutine O&M Fishery Items	Non-Routine O&M - Portland District	6, 121	1884	COE	Fish Facility Spare Parts	Yes
Operate and Maintain Fish Passage Facilities	Nonroutine O&M Fishery Items	Non-Routine O&M - Portland District	6, 144	1884	COE	Real-Time Turbine and Spillway Data	No
Operate and Maintain Fish Passage Facilities	Nonroutine O&M Fishery Items	Non-Routine O&M - Portland District	6, 145	1884	COE	Develop Preventative Maintenance Program	Yes
Operate and Maintain Fish Passage Facilities	Nonroutine O&M Fishery Items	O&M - Ice Harbor	120	1861	COE	Adult Fishway Hydraulic Evaluation	Yes
Operate and Maintain Fish Passage Facilities	Nonroutine O&M Fishery Items	O&M - Ice Harbor	145	1861	COE	Purchase STS Mesh and Chain Parts	No
Operate and Maintain Fish Passage Facilities	Nonroutine O&M Fishery Items	O&M - Bonneville Dam	50	1886	COE	Maintain Adult PIT Tag System	Yes
Operate and Maintain Fish Passage Facilities	Nonroutine O&M Fishery Items	O&M - Bonneville Dam	101	1886	COE	Remove Netframes from both Powerhouse Tailraces	No



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Operate and Maintain Fish Passage Facilities	Nonroutine O&M Fishery Items	O&M - Bonneville Dam	126	1886	COE	Repair Bradford Island/Cascades Island Ladder Systems	Yes
Operate and Maintain Fish Passage Facilities	Nonroutine O&M Fishery Items	O&M - Bonneville Dam	126	1886	COE	Raise Diffuser Grating B1	No
Operate and Maintain Fish Passage Facilities	Nonroutine O&M Fishery Items	O&M - Bonneville Dam	191	1886	COE	Additional Fish Counting	Yes
Operate and Maintain Fish Passage Facilities	Nonroutine O&M Fishery Items	O&M - Bonneville Dam	6, 144	1886	COE	Maintain Submersible Traveling Screens	Yes
Operate and Maintain Fish Passage Facilities	Nonroutine O&M Fishery Items	O&M - Bonneville Dam	6, 144	1886	COE	Annual Fishway Overhaul	Yes
Operate and Maintain Fish Passage Facilities	Nonroutine O&M Fishery Items	O&M - Bonneville Dam	6, 144	1886	COE	O&M of the Smolt Monitoring Facilities	Yes
Operate and Maintain Fish Passage Facilities	Nonroutine O&M Fishery Items	O&M - Bonneville Dam	6, 144	1886	COE	Purchase Spare Roller Chain	Yes
Operate and Maintain Fish Passage Facilities	Nonroutine O&M Fishery Items	O&M - Bonneville Dam	6, 144	1886	COE	Maintain STS/VBS Inspection System	Yes
Operate and Maintain Fish Passage Facilities	Nonroutine O&M Fishery Items	O&M - Bonneville Dam	6, 145	1886	COE	Repair North Shore Monolith	No
Operate and Maintain Fish Passage Facilities	Nonroutine O&M Fishery Items	O&M - Bonneville Dam	6, 145	1886	COE	Replace Fishway Gates in B1	Yes

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Operate and Maintain Fish Passage Facilities	Nonroutine O&M Fishery Items	O&M - Bonneville Dam	6, 145	1886	COE	Refurbish STS's	Yes
Operate and Maintain Fish Passage Facilities	Nonroutine O&M Fishery Items	O&M - Bonneville Dam	6, 145	1886	COE	Pierce/Ives Island Chum Habitat	No
Operate and Maintain Fish Passage Facilities	Nonroutine O&M Fishery Items	O&M - Bonneville Dam	6, 145	1886	COE	Bull Trout Monitoring	Yes
Operate and Maintain Fish Passage Facilities	Nonroutine O&M Fishery Items	O&M - Bonneville, The Dalles, and John Day Dams	6, 145	1886	COE	NEPA for Avian Control	Yes
Operate and Maintain Fish Passage Facilities	Nonroutine O&M Fishery Items	O&M - Chief Joseph Dam		1887	COE	ESA Consultation	Yes
Operate and Maintain Fish Passage Facilities	Nonroutine O&M Fishery Items	O&M - Chief Joseph Dam	8.1.b	1887	COE	Upper Columbia VARQ EIS	Yes
Operate and Maintain Fish Passage Facilities	Nonroutine O&M Fishery Items	O&M - Chief Joseph Dam	198	1887	COE	Develop Data Management System	Yes
Operate and Maintain Fish Passage Facilities	Nonroutine O&M Fishery Items	O&M - Chief Joseph Dam	10.2	1887	COE	Implementation Plan	Yes
Operate and Maintain Fish Passage Facilities	Nonroutine O&M Fishery Items	O&M - Chief Joseph Dam	10.5	1887	COE	Water Management Coordination	Yes
Operate and Maintain Fish Passage Facilities	Nonroutine O&M Fishery Items	O&M - Dworshak	11.A.3.2.a	1860	COE	AFEP (Bull Trout Study)	

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Operate and Maintain Fish Passage Facilities	Nonroutine O&M Fishery Items	O&M - Ice Harbor	117	1888	COE	Replace North Shore Fish Counting Station Ventilation System	No
Operate and Maintain Fish Passage Facilities	Nonroutine O&M Fishery Items	O&M - Ice Harbor	125	1888	COE	Replace South Shore Diffuser Gratings	No
Operate and Maintain Fish Passage Facilities	Nonroutine O&M Fishery Items	O&M - John Day Dam	50	1889	COE	Maintenance of Adult PIT tag system	No
Operate and Maintain Fish Passage Facilities	Nonroutine O&M Fishery Items	O&M - John Day Dam	6, 144	1889	COE	Repair Fish Viewing Roof	No
Operate and Maintain Fish Passage Facilities	Nonroutine O&M Fishery Items	O&M - John Day Dam	6, 144	1889	COE	O&M of the Smolt Monitoring Facilities	Yes
Operate and Maintain Fish Passage Facilities	Nonroutine O&M Fishery Items	O&M - John Day Dam	6, 144	1889	COE	Maintenance of Juvenile Bypass System	Yes
Operate and Maintain Fish Passage Facilities	Nonroutine O&M Fishery Items	O&M - John Day Dam	169	1889	COE	HGMP Development	Yes
Operate and Maintain Fish Passage Facilities	Nonroutine O&M Fishery Items	O&M - John Day Dam	172	1889	COE	Implement HGMP Reforms	No
Operate and Maintain Fish Passage Facilities	Nonroutine O&M Fishery Items	O&M - John Day Dam	10.A.2.1	1889	COE	Bull Trout Monitoring	Yes
Operate and Maintain Fish Passage Facilities	Nonroutine O&M Fishery Items	O&M - John Day Dam	182	1889	COE	Study Reproduction Success of Hatchery Versus Wild Fish	No

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Operate and Maintain Fish Passage Facilities	Nonroutine O&M Fishery Items	O&M - John Day Dam	184	1889	COE	Determine If Hatchery Reforms Reduce Extinction Risks	No
Operate and Maintain Fish Passage Facilities	Nonroutine O&M Fishery Items	O&M - Little Goose	6, 144	1891	COE	ESBS Overhaul	No
Operate and Maintain Fish Passage Facilities	Nonroutine O&M Fishery Items	O&M - Little Goose	6, 144	1891	COE	Repainting Juvenile Primary Dewatering Structure	Yes
Operate and Maintain Fish Passage Facilities	Nonroutine O&M Fishery Items	O&M - Little Goose	6, 144	1891	COE	Headgate Cylinders Quick Connects	No
Operate and Maintain Fish Passage Facilities	Nonroutine O&M Fishery Items	O&M - Little Goose	109	1891	COE	AFEP (Steelhead Kelt Study)	Yes
Operate and Maintain Fish Passage Facilities	Nonroutine O&M Fishery Items	O&M - Little Goose	11.A.3.1.d	1891	COE	AFEP (Bull Trout Study)	Yes
Operate and Maintain Fish Passage Facilities	Nonroutine O&M Fishery Items	O&M - Little Goose	11.A.3.1.c	1891	COE	Additional Fish Counting (Bull Trout)	Yes
Operate and Maintain Fish Passage Facilities	Nonroutine O&M Fishery Items	O&M - Little Goose	120	1891	COE	Adult Fishway Hydraulic Evaluation	Yes
Operate and Maintain Fish Passage Facilities	Nonroutine O&M Fishery Items	O&M - Lower Granite	6, 144	1892	COE	ESBS Overhaul	No
Operate and Maintain Fish Passage Facilities	Nonroutine O&M Fishery Items	O&M - Lower Granite	6, 144	1892	COE	Repair Fish Barge Push Knees	No

**Table 1: List of Hydrosystem Measures**

Strategy	Substrategy	Project Title	RPA Action Num	Project ID Number	Lead Agency	02 Work Expectation	FY02 Work?
Operate and Maintain Fish Passage Facilities	Nonroutine O&M Fishery Items	O&M - Lower Granite	6, 144	1892	COE	Headgate Cylinders Quick Connects	No
Operate and Maintain Fish Passage Facilities	Nonroutine O&M Fishery Items	O&M - Lower Granite	6, 144	1892	COE	Juvenile Fish Facility Bank Repair	No
Operate and Maintain Fish Passage Facilities	Nonroutine O&M Fishery Items	O&M - Lower Granite	109	1892	COE	AFEP (Steelhead Kelt Study)	Yes
Operate and Maintain Fish Passage Facilities	Nonroutine O&M Fishery Items	O&M - Lower Granite	120	1892	COE	Adult Fishway Hydraulic Evaluation	Yes
Operate and Maintain Fish Passage Facilities	Nonroutine O&M Fishery Items	O&M - Lower Granite	40, 44, 145	1892	COE	Spare Parts for Fish Barges	No
Operate and Maintain Fish Passage Facilities	Nonroutine O&M Fishery Items	O&M - Lower Monumental	6, 144	1893	COE	Rehab South Shore AWS Regulating Gate	No
Operate and Maintain Fish Passage Facilities	Nonroutine O&M Fishery Items	O&M - Lower Monumental	6, 144	1893	COE	Headgate Cylinders Quick Connects	No
Operate and Maintain Fish Passage Facilities	Nonroutine O&M Fishery Items	O&M - Lower Monumental	6, 144	1893	COE	Fish Ladder Handrail Systems	No
Operate and Maintain Fish Passage Facilities	Nonroutine O&M Fishery Items	O&M - Lower Monumental	11.A.3.1.d	1893	COE	AFEP (Bull Trout Study)	Yes
Operate and Maintain Fish Passage Facilities	Nonroutine O&M Fishery Items	O&M - Lower Monumental	11.A.3.1.c	1893	COE	Additional Fish Counting (Bull Trout)	Yes

**Table 1: List of Hydrosystem Measures**

Strategy	Substrategy	Project Title	RPA Action Num	Project ID Number	Lead Agency	02 Work Expectation	FY02 Work?
Operate and Maintain Fish Passage Facilities	Nonroutine O&M Fishery Items	O&M - Lower Monumental	120	1893	COE	Adult Fishway Hydraulic Evaluation	Yes
Operate and Maintain Fish Passage Facilities	Nonroutine O&M Fishery Items	O&M - McNary	125	1894	COE	Replace Fish Ladder Tilting Weir Controls	Yes
Operate and Maintain Fish Passage Facilities	Nonroutine O&M Fishery Items	O&M - McNary	6, 144	1894	COE	Spare Fish Pump Winding	Yes
Operate and Maintain Fish Passage Facilities	Nonroutine O&M Fishery Items	O&M - McNary	6, 144	1894	COE	Repair Diffuser Gratings	No
Operate and Maintain Fish Passage Facilities	Nonroutine O&M Fishery Items	O&M - McNary	6, 144	1894	COE	Inspect South Shore Diffuser Valves	No
Operate and Maintain Fish Passage Facilities	Nonroutine O&M Fishery Items	O&M - McNary	6, 144	1894	COE	Replace VBS Mesh	No
Operate and Maintain Fish Passage Facilities	Nonroutine O&M Fishery Items	O&M - McNary	6, 144	1894	COE	ESBS Overhaul	No
Operate and Maintain Fish Passage Facilities	Nonroutine O&M Fishery Items	O&M - McNary	45	1894	COE	AFEP (Transport Study)	Yes
Operate and Maintain Fish Passage Facilities	Nonroutine O&M Fishery Items	O&M - McNary	103	1894	COE	AFEP (Pelican Study)	Yes
Operate and Maintain Fish Passage Facilities	Nonroutine O&M Fishery Items	O&M - McNary	11.A.2.1.d	1894	COE	AFEP (Bull Trout Study)	Yes

**Table 1: List of Hydrosystem Measures**

Strategy	Substrategy	Project Title	RPA Action Num	Project ID Number	Lead Agency	02 Work Expectation	FY02 Work?
Operate and Maintain Fish Passage Facilities	Nonroutine O&M Fishery Items	O&M - The Dalles Dam	125	1895	COE	Replace North Shore Diffuser Gratings	Yes
Operate and Maintain Fish Passage Facilities	Nonroutine O&M Fishery Items	O&M - The Dalles Dam	6, 145	1895	COE	Replace North and South Entrance Gates	Yes
Operate and Maintain Fish Passage Facilities	Nonroutine O&M Fishery Items	O&M - The Dalles Dam	6, 145	1895	COE	Replace Weir Guides N1&N2, S1 & S2	Yes
Operate and Maintain Fish Passage Facilities	Nonroutine O&M Fishery Items	O&M - The Dalles Dam	10.A.2.1	1895	COE	Bull Trout Monitoring	Yes
Operate and Maintain Fish Passage Facilities	Nonroutine O&M Fishery Items	O&M - The Dalles Dam	145	1895	COE	Concrete Bulkheads	Yes
Operate and Maintain Fish Passage Facilities	Non-Routine O&M Fishery Items	General O&M - Seattle District	22	1850	COE	VarQ EIS and Associated Studies	Yes
Operate and Maintain Fish Passage Facilities	Non-Routine O&M Fishery Items	O&M - Libby Dam	6, 144	needed	COE	Establish a Buffer Zone at Murray Springs Fish Hatchery	No
Operate and Maintain Fish Passage Facilities	Operation of FCRPS to enhance fish survival	Fish Passage Plan (FPP)	6, 144	1687	COE	Fish Passage Plan Issued	Yes
Operate and Maintain Fish Passage Facilities	Operation of FCRPS to enhance fish survival	General O&M - Portland District (Bonneville, The Dalles, and John Day Dams)	40,191	1848	COE	Fish Counting and Hauling	Yes
Operate and Maintain Fish Passage Facilities	Operation of FCRPS to enhance fish survival	General O&M - Portland District (Bonneville, The Dalles, and John Day Dams) (Bonneville, The Dalles, and John Day Dams)	6, 144	1848	COE	Operate Fish Passage Facilities	Yes

**Table 1: List of Hydrosystem Measures**

Strategy	Substrategy	Project Title	RPA Action Num	Project ID Number	Lead Agency	02 Work Expectation	FY02 Work?
Operate and Maintain Fish Passage Facilities	Operation of FCRPS to enhance fish survival	General O&M - Walla Walla District (McNary, Ice Harbor, Lower Monumental, Little Goose, and Lower Granite Dams)	40,191	1849	COE	Juvenile Fish Transportation Program	Yes
Operate and Maintain Fish Passage Facilities	Operation of FCRPS to enhance fish survival	General O&M - Walla Walla District (McNary, Ice Harbor, Lower Monumental, Little Goose, and Lower Granite Dams)	6, 144	1849	COE	Operate Fish Passage Facilities	Yes
Operate and Maintain Fish Passage Facilities	Operation of FCRPS to enhance fish survival	General O&M - Walla Walla District (McNary, Ice Harbor, Lower Monumental, Little Goose, and Lower Granite Dams)	6, 146	1849	COE	Debris Control	Yes
Operate and Maintain Fish Passage Facilities	Operation of FCRPS to enhance fish survival	One & Five-Year O & M Plan & Budget	6	1688	COE	O&M Plans Issued	Yes
Operate and Maintain Fish Passage Facilities	Operations RM&E	General O&M - Portland District (Bonneville, The Dalles, and John Day Dams)	93,114	1848	COE	Anadramous Fish Evaluation Program	Yes
Operate and Maintain Fish Passage Facilities	Operations RM&E	General O&M - Walla Walla District (McNary, Ice Harbor, Lower Monumental, Little Goose, and Lower Granite Dams)	93,114	1849	COE	Anadramous Fish Evaluation Program	Yes
Operate and Maintain Fish Passage Facilities	Operations RM&E	Kelt Studies	109	1679	COE	Initiate studies	Yes
Operate and Maintain Fish Passage Facilities	Routine O&M Fishery Items	General O&M - Portland District (Bonneville, The Dalles, and John Day Dams)	6, 144	1848	COE	Maintain Fish Passage Facilities	Yes
Operate and Maintain Fish Passage Facilities	Routine O&M Fishery Items	General O&M - Portland District (Bonneville, The Dalles, and John Day Dams)	6, 144	1848	COE	ESA Coordination	Yes
Operate and Maintain Fish Passage Facilities	Routine O&M Fishery Items	General O&M - Walla Walla District (McNary, Ice Harbor, Lower Monumental, Little Goose, and Lower Granite Dams)	6, 144	1849	COE	Maintenance of Fish Passage Facilities	Yes



Table 1: List of Hydrosystem Measures

Strategy	Substrategy	Project Title	RPA Action Num	Project ID Number	Lead Agency	02 Work Expectation	FY02 Work?
Operate and Maintain Fish Passage Facilities	Routine O&M Fishery Items	General O&M Seattle District - Albeni Falls Dam	6, 144	1916	COE	Endangered Species Act Coordination	Yes
Operate and Maintain Fish Passage Facilities	Routine O&M Fishery Items	General O&M Seattle District - Albeni Falls Dam	8.1.b	1916	COE	Upper Columbia VARQ EIS	Yes
Operate and Maintain Fish Passage Facilities	Routine O&M Fishery Items	General O&M Seattle District - Albeni Falls Dam	10.A.1.4; 11.A.1.4.a	1916	COE	Lake Elevation Study	Yes
Operate and Maintain Fish Passage Facilities	Routine O&M Fishery Items	General O&M Seattle District - Albeni Falls Dam	11.A.1.4.d	1916	COE	Kokanee Coordination Meeting	Yes
Operate and Maintain Fish Passage Facilities	Routine O&M Fishery Items	General O&M Seattle District - Albeni Falls Dam	11.4	1916	COE	Implement Bull Trout Passage	No
Resident Fish	Bull Trout Operations	COE to Investigate TDG Abatement at Dworshak Dam	139	1716	COE	Initiate Hydrologic and Field Analysis	Yes
Resident Fish	Bull Trout Operations	COE to Investigate TDG Abatement at Libby Dam	137	1715	COE		No
RM&E	Critical Uncertainties	Delayed Mortality of Juveniles	47,185,186,189	1638	COE	Continue Research	Yes
RM&E	Critical Uncertainties	Estuary studies - Initiate evaluations in 2002	105	1805	COE	Continue evaluations	Yes
RM&E	Critical Uncertainties	Evaluation of Transportation Strategies	52, 47, 49, 186, 189	1648	COE	No Work in 02	No
RM&E	Critical Uncertainties	Juvenile Salmon Temperature Studies	1421431051996, 144	1647	COE	Initiate research studies	Yes
RM&E	Critical Uncertainties	Multiple Bypass Accumulative Impacts	46,187,189	1645	COE	Evaluate 2001 Passage Survival	Yes
RM&E	Critical Uncertainties	System - Estuary PIT recovery /Transp/In-river	104	1804	COE/BPA	Continue evaluations	Yes
RM&E	Critical Uncertainties	Turbine Passage Survival Program	93,89,90,111,59,91, 64,88	1649	COE	Biological Test at McNary	Yes
RM&E	Effectiveness	Predation Studies	#####	1713	COE/BPA		Yes
RM&E	Track Status	System /Less intrusive PIT tag monitoring (McNary)	87	1802	COE	See McNary Juv. Fac. Improvements	Yes

**Table 1: List of Hydrosystem Measures**

Strategy	Substrategy	Project Title	RPA Action Num	Project ID Number	Lead Agency	02 Work Expectation	FY02 Work?
Water Management	Flow Management	Accommodate Chum Spawning Below Bonneville Dam	15	1824	COE/BPA/USBR	Chum Flows Below Bonneville Dam were provided	Yes
Water Management	Flow Management	Accommodate Chum Spawning Below Bonneville Dam	16	1824	COE/BPA/USBR	Chum Flows Below Bonneville Dam were coordinated at TMT	Yes
Water Management	Flow Management	Acquire Water for instream use from USBR's Upper Snake River basin projects and Hells Canyon Complex	32	1825	USBR	Water for instream use from USBR's Upper Snake River basin projects and Hells Canyon Complex was acquired	Yes
Water Management	Flow Management	Draft Dworshak to cool summer water temperatures at the Lower Granite forebay.	19	1844	COE/BPA	Release were made from Dworshak to attempt to maintain water temperatures at the Lower Granite forebay at or below 68 o F.	Yes
Water Management	Flow Management	Manage Dworshak to Assure Refill	19	1874	COE	Dworshak refilled to full by 6/30	Yes
Water Management	Flow Management	Manage Dworshak to Assure Refill	19	1874	COE	Dworshak outflow limited to minimum flow after summer operations	Yes
Water Management	Flow Management	Manage Grand Coulee to Assure Refill	19	1876	USBR	Grand Coulee refilled to full by 7/4	Yes
Water Management	Flow Management	Manage Hungry Horse Assure Refill	19	1877	USBR	Hungry Horse refilled to full by 6/30	Yes
Water Management	Flow Management	Manage Libby to Assure Refill	19	1878	COE	Libby refilled to full by 6/30	Yes
Water Management	Flow Management	Provide Bull Trout Flows from Hungry Horse	19	needed	COE/USBR	The minimum outflow for Hungry Horse from was provided from April – August	Yes
Water Management	Flow Management	Provide recommended spring flows at Lower Granite	14	1900	COE/BPA/USBR	The spring flow objective at Lower Granite was achieved	Yes
Water Management	Flow Management	Provide recommended spring flows at McNary	14	1901	COE/BPA/USBR	The spring flow objective at McNary was achieved	Yes
Water Management	Flow Management	Provide recommended spring flows at Priest Rapids	14	1902	COE/BPA/USBR	The spring flow objective at Priest Rapids was achieved	Yes
Water Management	Flow Management	Provide recommended summer flows at Lower Granite	14	1903	COE/BPA/USBR	The summer flow objective at Lower Granite was achieved	Yes
Water Management	Flow Management	Provide recommended summer flows at McNary	14	1904	COE/BPA/USBR	The summer flow objective at McNary was achieved	Yes
Water Management	Juvenile fish transport	All juvenile fish collected were transported	40	1826	COE	All juvenile fish collected were transported	Yes
Water Management	Juvenile fish transport	Bypass Juvenile Spring Migrants collected at McNary Dam (pending results of McNary Transport Evaluation)	41	1836	COE	Juvenile spring migrants collected at McNary Dam were bypassed	Yes

Table 1: List of Hydrosystem Measures

Strategy	Substrategy	Project Title	RPA Action Num	Project ID Number	Lead Agency	02 Work Expectation	FY02 Work?
Water Management	Juvenile fish transport	Provide Spring spill as specified for McNary	41	1906	COE/BPA	Spring spill occurred at McNary as specified	Yes
Water Management	Other Actions	Banks Lake Drawdown Study	31	1694	USBR	Scoping Complete/Draft EIS Issued	Yes
Water Management	Other Actions	Coordinate Water Management Decisions with TMT	3	1840	COE/BPA/USBR	TMT Coordination has occurred	Yes
Water Management	Other Actions	Develop TDG Model	133	needed	COE	Update TDG production relationships	Yes
Water Management	Other Actions	Develop TDG Model	133	same	COE	Update the SYSTDG users manual and documentation	Yes
Water Management	Other Actions	Develop TDG Model	133	same	COE	Technical review of the model	Yes
Water Management	Other Actions	Develop TDG Model	133	same	COE	Statistical summary of historic gas data	Yes
Water Management	Other Actions	Evaluate Flood Control Operations to Reduce River Ecosystem Effects	35	1846	COE	Flood Control Study proceeding	Yes
Water Management	Other Actions	Implement VARQ at Hungry Horse	22	1852	USBR	EA for VARQ at Hungry Horse prepared, EIS in progress	Yes
Water Management	Other Actions	Implement VARQ at Libby	19	1853	COE/USBR/BPA	Libby VARQ study proceeding	Yes
Water Management	Other Actions	Install Screens at Burbank #2 and #3 Pump Plants	38	1708	USBR	Screen pumps for 2002 Irrigation Season	Yes
Water Management	Other Actions	Investigate drafting Dworshak to 1500' Elevation	34	1855	COE	Dworshak draft to 1500 study proceeding	Yes
Water Management	Other Actions	Investigate Unauthorized Use of USBR Water	29	1858	USBR	Unauthorized use of water is being investigated at USBR projects	Yes
Water Management	Other Actions	Listed Fish in Columbia Basin Project Wasteways	37	1707	USBR	Final report in 2002.	Yes
Water Management	Other Actions	Monitor TDG Effects	131	needed	COE	Monitor and Report TDG in FCRPS system	Yes
Water Management	Other Actions	Pursue Water conservation at USBR Projects	28	1910	USBR	Water conservation improvements made at USBR projects	Yes
Water Management	Other Actions	Request Shaping and Release of water behind Treaty Storage Projects	26	1912	COE/BPA	Shaping and release of water behind Canadian Treaty storage projects has been requested of BC Hydro	Yes
Water Management	Other Actions	Request/Negotiate 1 MAF of Treaty storage with BC Hydro	24	1913	COE/BPA	1 MAF of Treaty storage has been requested and negotiated with BC Hydro	Yes

**Table 1: List of Hydrosystem Measures**

Strategy	Substrategy	Project Title	RPA Action Num	Project ID Number	Lead Agency	02 Work Expectation	FY02 Work?
Water Management	Other Actions	Request/Negotiate non-Treaty storage with BC Hydro	25	1914	COE/BPA	The use of non-Treaty storage has been requested and negotiated with BC Hydro	Yes
Water Management	Other Actions	Return Flow Quality From Columbia Basin Project	39	1709	USBR	Water Quality Monitoring Plan in Place, Monitoring Commences	Yes
Water Management	Other Actions	Review of TDG Monitoring Stations	132	needed	COE	Issue Representativeness Report	Yes
Water Management	Other Actions	Review of TDG Monitoring Stations	132	same	COE	No Funding for FY 02	No
Water Management	Other Actions	Review of TDG Monitoring Stations	132	same	COE	Evaluate identified problem stations	No
Water Management	Other Actions	Revise Storage Diagrams for Libby	36	1915	COE	Revised Storage Diagram at Libby implemented	Yes
Water Management	Other Actions	USBR to Consult with NMFS Before Making Uncontracted Water/Storage Space Agreements	27	1829	USBR	Before entering into a agreement to commit uncontracted water/storage space USBR consulted with NMFS	No
Water Management	Other Actions	USBR to Consult with NMFS on Chief Joseph Project	30	1830	USBR	Chief Joseph [irrigation] Project ESA consultation is complete	No
Water Management	Other Actions	USBR to Consult with NMFS on Deschutes, Crooked River, Arnold Project	30	1831	USBR	Deschutes, Crooked River, Arnold Project ESA consultation is in progress	Yes
Water Management	Other Actions	USBR to Consult with NMFS on Okanogan Project	30	1832	USBR	Okanagon Project ESA consultation and feasibility study is in progress	Yes
Water Management	Other Actions	USBR to Consult with NMFS on Tualatin Project	30	1833	USBR	Tualatin Project ESA consultation is in progress	Yes
Water Management	Other Actions	USBR to Consult with NMFS on Umatilla Project	30	1834	USBR	Umatilla Project ESA consultation is in progress	Yes
Water Management	Other Actions	USBR to Consult with NMFS on Yakima Project	30	1835	USBR	Yakima Project ESA consultation is in progress	Yes
Water Management	Other Actions	Varq Flood Control Operation	22	1695	COE/USBR/BPA	EIS Scoping / Technical Studies	Yes
Water Management	Other Actions	Water Acquisition From Reclamation's Upper Snake R	32	1693	USBR	Consultations and SRBA settlement discussions in progress	Yes
Water Management	Other Actions	Water Management Plan (1 & 5-Year Plans)	3	1689	COE/USBR/BPA	Water Mangement Plan(s) Issued	Yes
Water Management	Reservoir Operations	Canadian Non-Treaty Storage	25	1797	BPA/COE	2002 Non-Treaty Storage Agreement Completed	Yes

**Table 1: List of Hydrosystem Measures**

Strategy	Substrategy	Project Title	RPA Action Num	Project ID Number	Lead Agency	02 Work Expectation	FY02 Work?
Water Management	Reservoir Operations	Continue Winter Egg-Fry Survival Study on Lake Pend Oreille	19	1839	COE	In the fall/winter 2002 Albeni Falls has been maintained at elevation 2,055 feet	Yes
Water Management	Reservoir Operations	Feasibility Analysis of Flood Operations for Salmon	35	1705	COE	No Work in 02	Yes
Water Management	Reservoir Operations	Implement VarQ at Hungry Horse	19	1827	USBR	Hungry Horse is using VARQ	Yes
Water Management	Reservoir Operations	John Day Minimum Pool Operation	20	1859	COE	John Day Pool operated at minimum irrigation pool dates specified	Yes
Water Management	Reservoir Operations	Lower Snake Reservoirs to Enhance Fish Passage	20	1873	COE	Lower Snake projects operated at MOP during fish season	Yes
Water Management	Reservoir Operations	Manage FCRPS Storage Projects	14	1875	COE/USBR	FCRPS projects are within 0.5 foot of the flood control rule April 10 and have refilled by June 30	Yes
Water Management	Reservoir Operations	Manage FCRPS Storage Projects	18	1875	COE/USBR	FCRPS projects are within 0.5 foot of the flood control rule April 10 and have refilled by June 30	Yes
Water Management	Reservoir Operations	Negotiate Canadian Storage Agreement	24	1796	BPA/COE	Additional Storage Requested/Negotiated for 2002	Yes
Water Management	Reservoir Operations	Operate Banks Lake to reduce August pumping from Grand Coulee	23	1896	USBR	Banks Lake was operated 5 feet from full during August	Yes
Water Management	Reservoir Operations	Operate Turbine units at 1% efficiency range during fish passage	58	1897	COE/BPA	Turbine units were operated at 1% efficiency range during time specified	Yes
Water Management	Reservoir Operations	Shift Flood Control to Maximize Snake River Water Storage	21	1917	COE/USBR	Shifting flood control requirements from Brownlee and Dworshak to Grand Coulee have been considered	Yes
Water Management	Spill Operations	Do not spill at Lower Snake projects if flow is below 85 Kcfs	40	1842	COE	No spill occurred at Lower Snake projects if flow was below 85 Kcfs	Yes
Water Management	Spill Operations	Provide Spring Spill as recommended by NMFS	54	1905	COE/BPA	Spring spill for juvenile fish passage was provided as specified	Yes
Water Management	Spill Operations	Provide Summer spill as recommended by NMFS	42	1907	COE/BPA	Summer spill for juvenile fish passage was provided as specified	Yes