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March 1, 2007

MEMORANDUM

TO: Council Members

FROM: Peter Paquet, acting director, Fish and Wildlife Division
Mark Fritsch, project implementation manager
Patty O'Toole, program implementation manager

SUBJECT: Update on alternative project review sequences for 2010 and beyond

At the Council meeting in March, staff will present a conceptual design and approach for the next project selection process. This presentation will review the anticipated time sequences associated with other regional processes and solicitation alternatives, desired outcomes, selection sequence, and the review of a proposed solicitation approach that recognizes categories. This proposed approach would build upon recent and ongoing reviews of key aspects of the Fish and Wildlife Program: monitoring and evaluation, data management, project operation and maintenance, etc. The solicitation process will include many of the attributes of past reviews (ISRP review, site visits, local input, public review, etc).

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Concepts for the next project selection process

February 2007

Alternative types of project solicitation and review

- Rolling province review
- Full review (all in 1 year)
- Categorical (type of work) review

Upcoming major regional processes and estimated timeframes

FY 2007	FY 2008	FY 2009	FY 2010
BPA Rate Case	Oct/07 Bonneville Program Requests for 2010	Oct/08 Bonneville adopts rate case	Rate period begins
Program Amendments <ol style="list-style-type: none"> 1. Program Evaluations 2. Definitions '07 3. AHA/Bio. Obj. - Technical work complete in Dec. '07 	Start October 2007	Finish October 2008	
Solicitation Alternatives <ol style="list-style-type: none"> 1. Rolling Province Review 2. Full Review 3. Category Review 	Solicitation and Review	Solicitation and review	

Desired outcomes

- Continued use of subbasin plans for solicitation and review of habitat projects
- Longer term recommendations for long-term projects
- Improved efficiency of reviews
- Independent science review
- F&W manager, local and regional input where applicable

Project selection sequence

Bonneville and ISRP are preparing suggestions for refining the project selection process

- Proposal solicitation
- Review (independent science, F&W managers, local, regional)
- Council decision and recommendation to Bonneville
- Bonneville decision and implementation

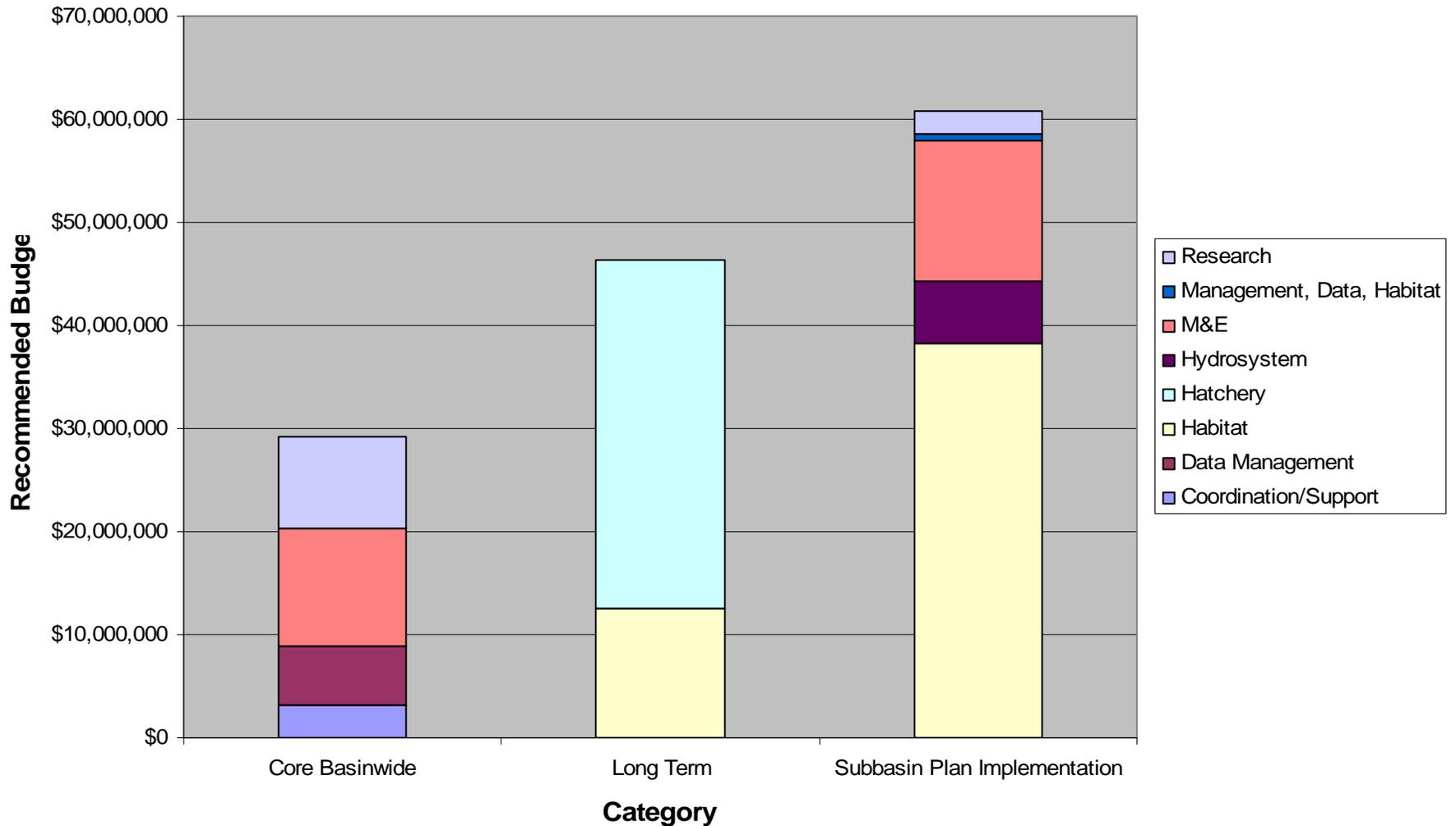
Fresh approach to:

- Capture project and program accomplishments
- Recognize 26 years of F&W Program investments
- Utilize new tools available
 - Subbasin plans
 - PISCES and accomplishment tracking

F&W Program includes different types of projects

- Subbasin Plan Implementation
- Long- term commitments
- Core Basinwide work

Categories sorted by strategy for NWPCC expense FY '07 recommended projects



Subbasin Plan Implementation Projects

- Habitat
- Project-specific monitoring and evaluation
 - Guided primarily by subbasin plans
 - Council focus on increased performance reporting
 - Time-based deliverables
 - Three year recommendations

Long-term Projects

- Habitat/passage operation and maintenance
- Habitat/land operation and maintenance
- Hatchery operation and maintenance
(includes monitoring and evaluation)
 - Represents long-term investments
 - Undergoes independent science and F&W manager review
 - Five year recommendations

Core Basinwide Projects

- Regional monitoring
- Research
- Data Management
- Coordination/support
 - Represents basinwide Program infrastructure
 - Continuing work in these areas to identify priorities
 - Three year recommendations

Provinces sorted by category for NWPCC expense FY '07 recommended projects

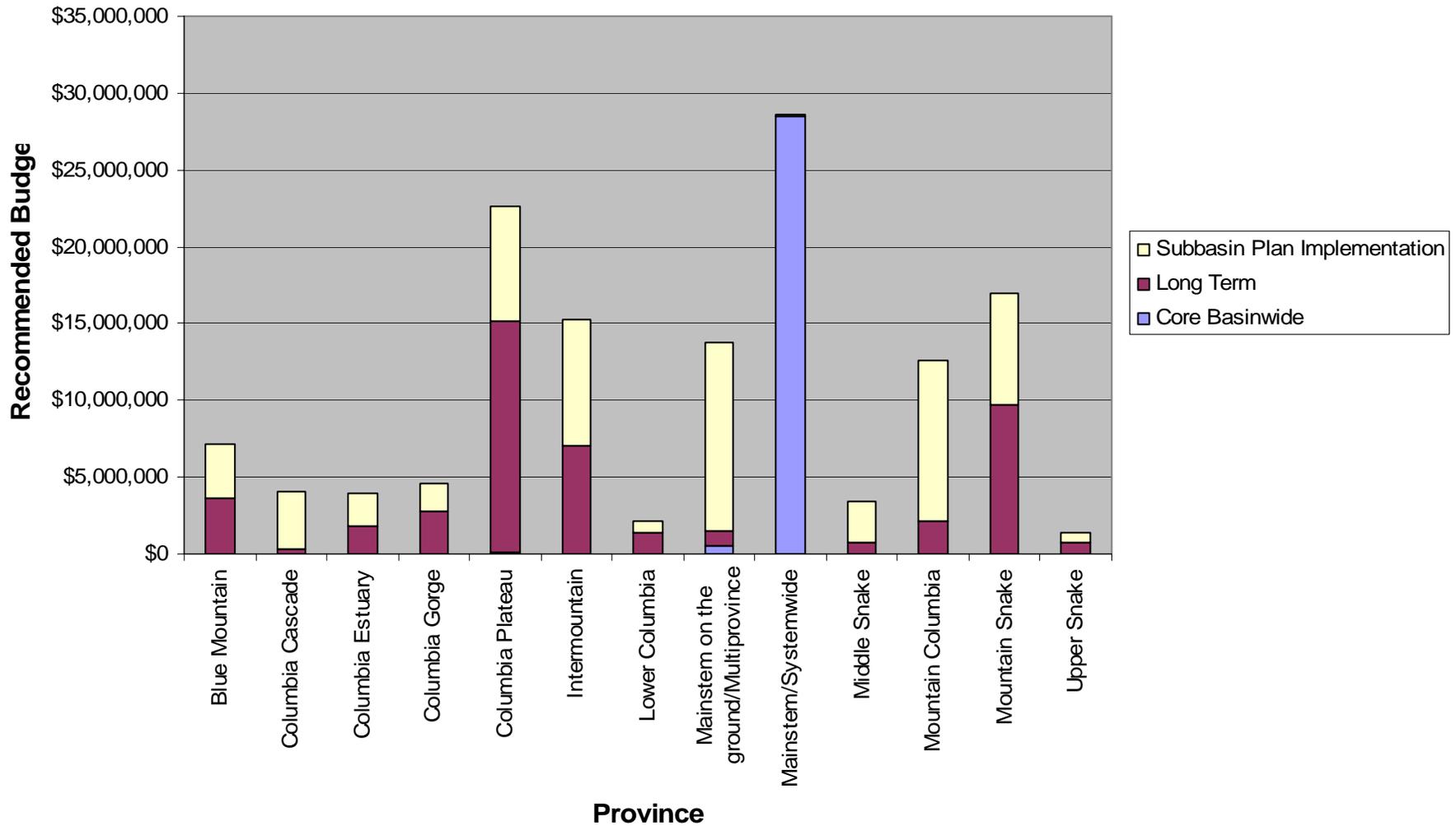


Figure 1: Conceptual category based approach for the next solicitation and review process.

Fiscal Year	Subbasin Plan Implementation	Core Basinwide	Long Term
2007			
2008		Development	Development
2009		Solicitation	Solicitation
2010		Review	Review
2011		Decision	Decision
2012			
2013			
2014			
2015			

FY 2007 recommended Expense projects by Province and Category

Province	Category	Proposal Number	Title	Subbasin	Sponsor	FY 2007 Recommended
Blue Mountain	Long Term	198805301	Grande Ronde/Imnaha Endemic Spring Chinook Supplementation – Northeast Oregon Hatchery	Grande Ronde	Nez Perce Tribe	-
	Long Term	199608000	Ne Oregon Wildf Proj (Npt) Precious Lands	Grande Ronde	Nez Perce Tribe	416,000
	Long Term	199800702	Gd Ronde Supp Lostine O&M/M&E	Grande Ronde	Nez Perce Tribe DFRM	602,457
	Long Term	199800703	Grande Ronde Supplementation Operations and Maintenance	Grande Ronde	CTUIR	684,454
	Long Term	199800704	Grande Ronde Basin Endemic Spring Chinook Supplementation Project: Northeast Oregon hatcheries implementation-ODFW	Grande Ronde	ODFW	200,000
	Long Term	199801001	Grande Ronde Captive Brood O&M	Grande Ronde	ODFW	723,718
	Long Term	199801005	Pittsburg Landing Fall Chinook Acclimation Project (FCAP)	Snake Hells Canyon	Nez Perce Tribe	729,635
	Long Term	199801006	Captive Broodstock Artificial Propagation	Grande Ronde	Nez Perce Tribe	175,718
	Long Term	200002100	Securing Wildlife Mitigation Sites - Oregon Ladd Marsh WMA and Grande Ronde Subbasin Wetlands	Grande Ronde	ODFW	65,000
	Long Term	200600500	Asotin Creek Wildlife Area O&M (Schlee Acquisitions)	Asotin	WDFW	77,000
	Subbasin Plan Implementation	198402500	ODFW Blue Mountain Oregon Fish Habitat Improvement	Grande Ronde	ODFW	365,000
	Subbasin Plan Implementation	199202601	Grand Ronde Model Watershed Program Habitat Restoration - Planning, Coordination and Implementation	Grande Ronde	GRMW	1,183,849
	Subbasin Plan Implementation	199202604	Investigate Life History Of Spring Chinook Salmon and Summer Steelhead in the Grande Ronde River Subbasin	Grande Ronde	ODFW	820,000
	Subbasin Plan Implementation	199401805	Continued Implementation of Prioritized Asotin Creek Watershed Habitat Projects	Asotin	Asotin CCD	267,000
	Subbasin Plan Implementation	199608300	CTUIR Grande Ronde Subbasin Restoration Project	Grande Ronde	CTUIR	190,000
	Subbasin Plan Implementation	199801003	Spawning distribution of Snake River fall Chinook salmon	Snake Hells Canyon	USFWS	52,000
	Subbasin Plan Implementation	200205000	Continued Riparian Buffer Projects on Couse/Tenmile and other Salmonid Bearing Streams in Asotin County.	Asotin	Asotin CCD	233,333
	Subbasin Plan Implementation	200205300	Assess Salmonids Asotin Cr Ws	Asotin	WDFW	212,000
	Subbasin Plan Implementation	200724500	Protect and Restore the Joseph Creek Watershed	Grande Ronde	Nez Perce Tribe	120,000

FY 2007 recommended Expense projects by Province and Category

Province	Category	Proposal Number	Title	Subbasin	Sponsor	FY 2007 Recommended
Columbia Cascade	Long Term	199404400	Enhance, protect and maintain shrub-steppe habitat on the Sagebrush Flat Wildlife Area (SFWA)	Columbia Upper Middle	WDFW	100,000
	Long Term	199609401	Scotch Creek Wildlife Area	Okanogan	WDFW	200,000
	Subbasin Plan Implementation	200000100	Anadromous Fish Habitat & Pass	Okanogan	Colville Tribes	116,666
	Subbasin Plan Implementation	200302200	Okanogan Basin Monitoring and Evaluation Project (OBMEP)	Okanogan	Colville Tribes	391,333
	Subbasin Plan Implementation	200703400	Columbia Cascade Pump Screen Correction	Columbia Upper Middle	WDFW	308,000
	Subbasin Plan Implementation	200703500	UPA Project - Methow Basin Riparian Enhancement	Methow	Methow Salmon Recovery Foundation	202,880
	Subbasin Plan Implementation	200704600	Steelhead Spawning Ground Surveys, Flow, and Temperature Monitoring of Small Tributaries of the Upper Middle Mainstem Columbia River.	Columbia Upper Middle	WDFW	58,333
	Subbasin Plan Implementation	200705500	Entiat River - UPA - Lower Entiat River Off-Channel Restoration Project	Entiat	Chelan CCD	55,000
	Subbasin Plan Implementation	200708500	UPA Nason Creek Oxbow Reconnection Project	Wenatchee	Chelan NRD	630,000
	Subbasin Plan Implementation	200708600	UPA Wenatchee Subbasin Riparian Enhancement Proposal	Wenatchee	Chelan NRD	100,000
	Subbasin Plan Implementation	200723100	UPA Entiat Subbasin Riparian Enhancement Program	Entiat	Chelan CCD	83,333
	Subbasin Plan Implementation	200723700	UPA Project - Elbow Coulee Floodplain Restoration	Methow	Methow Salmon Recovery Foundation	45,120
	Subbasin Plan Implementation	200726400	UPA Project - Programmatic Habitat Complexity Projects in the Methow River Subbasin	Methow	Methow Salmon Recovery Foundation	333,000
	Subbasin Plan Implementation	200731800	Entiat River - UPA - Knapp-Wham Hanan Detwiler Irrigation System Consolidation Project.	Entiat	Chelan CCD	365,000
	Subbasin Plan Implementation	200732500	UPA Wenatchee Subbasin Complexity Proposal	Wenatchee	Chelan NRD	1,050,000
Columbia Estuary	Long Term	199306000	Select Area Fisheries Enhancement Project	Columbia Estuary	ODFW	1,800,000
	Subbasin Plan Implementation	200300700	Lower Columbia River and Estuary Ecosystem Monitoring	Columbia Estuary	LCREP	411,000
	Subbasin Plan Implementation	200301100	Columbia R/Estuary Habitat	Columbia Estuary	LCREP	1,016,000

FY 2007 recommended Expense projects by Province and Category

Province	Category	Proposal Number	Title	Subbasin	Sponsor	FY 2007 Recommended
	Subbasin Plan Implementation	200301300	Grays River Watershed Restoration	Grays	CREST	400,000
	Subbasin Plan Implementation	200715000	Expand Salmonid Monitoring in Grays River to Meet Monitoring Needs Identified in the Lower Columbia Salmon Recovery and Subbasin Plan and maintain an at risk Chum Salmon Pop. through Supplementation.	Grays	WDFW	305,800
Columbia Gorge	Long Term	198805303	Hood River Production M&E - Ws	Hood	CTWSR	540,000
	Long Term	198805304	Hood River Production Program - ODFW M&E	Hood	ODFW	530,000
	Long Term	198805307	Hood R Prod O&M - Ws/Odfw	Hood	CTWSR	270,282
	Long Term	198805308	Hood River Powerdale Dam Fish Trap/Oak Springs/Pelton Ladder -Operation and Maintenance	Hood	ODFW	562,860
	Long Term	198811535	Klickitat Fishery YKFP Design	Klickitat	Yakama Nation	350,000
	Long Term	199506335	YKFP - Klickitat Subbasin Monitoring and Evaluation	Klickitat	Yakama Nation	520,000
	Long Term	199701335	Klickitat Fishery YKFP O & M	Klickitat	Yakama Nation	-
	Subbasin Plan Implementation	198812035	YKFP Klickitat Management, Data, and Habitat	Klickitat	Yakama Nation	461,666
	Subbasin Plan Implementation	199304000	Fifteenmile Creek Habitat Restoration and Monitoring Project	Fifteenmile	ODFW	323,687
	Subbasin Plan Implementation	199801900	Wind River Watershed Restoration	Wind	Underwood CD	333,333
	Subbasin Plan Implementation	199802100	Hood River Fish Habitat	Hood	CTWSR	212,852
	Subbasin Plan Implementation	200102100	15 Mile Creek Riparian Buffers	Fifteenmile	Wasco SWCD	86,168
	Subbasin Plan Implementation	200703200	Potential effects of the invasive New Zealand mudsnail in tributaries of Bonneville Reservoir and the Deschutes River, (Potamopyrgus antipodarum).	Columbia Gorge	USGS	23,333
	Subbasin Plan Implementation	200707700	Hemlock Dam Removal	Wind	Gifford Pinchot NF	345,000
Columbia Plateau	Core Basinwide	200733300	Timing and survival of PIT tagged juvenile fall Chinook from the Hanford Reach.	Columbia Lower Middle	CRITFC	151,659
	Long Term	198343500	Umatilla Hatchery Satellite Facilities O&M	Umatilla	CTUIR	952,166
	Long Term	198343600	Umatilla Passage O&M	Umatilla	Westland Irr	492,405
	Long Term	198802200	Umatilla Fish Passage Operations	Umatilla	CTUIR	362,164
	Long Term	198902700	Power Repay Umatilla Basin Project	Umatilla	CTUIR	1,000,000
	Long Term	198903500	Umatilla Hatchery Operation and Maintenance and Fish Liberations	Umatilla	ODFW	941,664
	Long Term	199000500	Umatilla Hatchery - M&E	Umatilla	ODFW	572,848
	Long Term	199000501	Umatilla Basin Natural Production Monitoring and Evaluation Project	Umatilla	CTUIR	395,129

FY 2007 recommended Expense projects by Province and Category

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	Long Term	199009200	Wanaket Wildlife Area	Umatilla	CTUIR	225,978
	Long Term	199106100	Swanson Lake Wildlife Mitigation Project (Swanson Lakes Wildlife Area)	Crab	WDFW	83,333
	Long Term	199200900	Yakima Phase II/Huntsville Screen Operation & Maintenance	Yakima	WDFW	150,000
	Long Term	199503300	O&M Yakima Basin Fish Screens	Yakima	USBR	96,000
	Long Term	199506001	Iskuulpa Watershed Project	Umatilla	CTUIR	175,000
	Long Term	199506325	Yakima Klickitat Fisheries Project - Monitoring And Evaluation	Yakima	Yakama Nation, WDFW	4,500,000
	Long Term	199506425	YKFP Policy/Plan/Technical	Yakima	WDFW	183,333
	Long Term	199701325	Yakima/Klickitat Fisheries Project Operations and Maintenance	Yakima	Yakama Nation	2,666,666
	Long Term	199705100	Yakima Basin Side Channels	Yakima	Yakama Nation, WDFW	46,666
	Long Term	199802200	Pine Creek Conservation Area: Wildlife Habitat and Watershed Management on 33,557-acres to benefit grassland, shrub-steppe, riparian, and aquatic species.	John Day	CTWSR	210,000
	Long Term	200001500	Oxbow Conservation Area Management	John Day	CTWSR	200,070
	Long Term	200001900	Tucannon River Spring Chinook Captive Broodstock Program	Tucannon	WDFW	125,000
	Long Term	200002600	Rainwater Wildlife Area Operations and Maintenance	Walla Walla	CTUIR	300,000
	Long Term	200104101	Forrest Conservation Area Management	John Day	CTWSR	206,635
	Long Term	200201400	Sunnyside Wildlife Mitigation	Yakima	WDFW	90,000
	Long Term	200600400	Wenas Wildlife Area O&M	Yakima	WDFW	333,333
	Long Term	200719400	Oak Flats Acquisition and Habitat Enhancement	Yakima	WDFW	550,000
	Long Term	200721700	Operation and Maintenance for Walla Walla Basin Passage Projects	Walla Walla	Gardena Farms Irrigation Dist	182,725
	Long Term	200731600	McKenzie Canyon Irrigation Project	Deschutes	Deschutes R Conservancy	-
	Subbasin Plan Implementation	198402100	Mainstem, Middle Fork, John Day Rivers Fish Habitat Enhancement Project	John Day	ODFW	340,000
	Subbasin Plan Implementation	198710001	Umatilla Anad Fish Hab - CTUIR	Umatilla	CTUIR	326,000
	Subbasin Plan Implementation	198710002	Umatilla Subbasin Fish Habitat Improvement Project	Umatilla	ODFW	280,264
	Subbasin Plan Implementation	198812025	Ykfp Management, Data, Habitat	Yakima	Yakama Nation	266,666
	Subbasin Plan Implementation	199306600	Oregon Fish Screens Project	John Day	ODFW	10,000

FY 2007 recommended Expense projects by Province and Category

Province	Category	Proposal Number	Title	Subbasin	Sponsor	FY 2007 Recommended
	Subbasin Plan Implementation	199401806	Tucannon Stream and Riparian Protection, Enhancement, and Restoration	Tucannon	Columbia CD	331,333
	Subbasin Plan Implementation	199401807	Improve Habitat For Fall Chinook, Steelhead in the Lower Snake and Tucannon Subbasins	Tucannon	Pomeroy SWCD	64,000
	Subbasin Plan Implementation	199404200	Trout Creek Fish Habitat Restoration Project	Deschutes	ODFW	400,000
	Subbasin Plan Implementation	199601100	Walla Walla Juvenile and Adult Passage Improvements	Walla Walla	CTUIR	37,000
	Subbasin Plan Implementation	199604601	Walla Walla River Basin Fish Habitat Enhancement	Walla Walla	CTUIR	337,710
	Subbasin Plan Implementation	199801600	Salmonid Productivity, Escapement, Trend, and Habitat Monitoring in the John Day River Subbasin	John Day	ODFW	700,000
	Subbasin Plan Implementation	199801700	North Fork/Mid-John Day Fish Passage Improvement	John Day	Monument & Wheeler SWCDs	93,129
	Subbasin Plan Implementation	199801800	John Day Watershed Restoration	John Day	CTWSR	257,800
	Subbasin Plan Implementation	199802800	Trout Creek Watershed Restoration Project	Deschutes	Jefferson SWCD	165,000
	Subbasin Plan Implementation	200003100	North Fork John Day Basin Anadromous Fish Habitat Enhancement Project	John Day	CTUIR	200,000
	Subbasin Plan Implementation	200003300	Walla Walla River Fish Passage Operations	Walla Walla	CTUIR	129,234
	Subbasin Plan Implementation	200003900	Walla Walla Subbasin Collaborative Salmonid Monitoring & Evaluation Project	Walla Walla	CTUIR	914,360
	Subbasin Plan Implementation	200201600	Evaluate the Status of Pacific Lamprey in the Lower Deschutes River Subbasin, Oregon	Deschutes	CTWSR	132,000
	Subbasin Plan Implementation	200201900	Wasco Riparian Buffers	Deschutes	Wasco SWCD	70,160
	Subbasin Plan Implementation	200202501	Yakima Tributary Access & Habitat Program	Yakima	S Central WA RCD	466,666
	Subbasin Plan Implementation	200203000	Develop Progeny Marker for Salmonids to Evaluate Supplementation	Umatilla	CTUIR	176,333
	Subbasin Plan Implementation	200203100	Growth modulation in salmon supplementation	Yakima	NOAA	353,850
	Subbasin Plan Implementation	200203600	Restore Walla Walla River Flow	Walla Walla	Walla Walla Watershed	30,000
	Subbasin Plan Implementation	200702000	Manastash Instream Flow Enhancement	Yakima	Kittitas CCD	297,666

FY 2007 recommended Expense projects by Province and Category

Province	Category	Proposal Number	Title	Subbasin	Sponsor	FY 2007 Recommended
	Subbasin Plan Implementation	200711200	Teanaway Watershed - Protect critical habitat from development, reduce water temperatures and increase instream flows, restore habitat forming processes in the floodplain.	Yakima	Kittitas Cons Trust	340,000
	Subbasin Plan Implementation	200711300	Cowiche Restoration and Protection Project (Easement/Fee Simple Acquisition)	Yakima	WDFW	300,000
	Subbasin Plan Implementation	200715600	Rock Creek Fish and Habitat Assessment for the Prioritization of Restoration and Protection.	Columbia Lower Middle	Yakama Nation	100,000
	Subbasin Plan Implementation	200715700	Bull Trout Status and Abundance Monitoring in the Waters in and Bordering the Warm Springs Reservation, Oregon	Deschutes	CTWSR	115,000
	Subbasin Plan Implementation	200734000	A multidisciplinary collaborative approach to aquatic habitat monitoring & evaluation in the Walla Walla Subbasin	Walla Walla	Walla Walla Watershed	228,533
Intermountain	Long Term	198503800	Colville Hatchery	Columbia Upper	Colville Tribes	1,003,333
	Long Term	199104600	Spokane Tribal (Galbr Sprgs) H	Columbia Upper	Spokane Tribe	874,000
	Long Term	199104700	Sherman Creek Hatchery - O&M	Columbia Upper	WDFW	280,780
	Long Term	199106200	Spokane Tribe Wildlife Mitigation	Spokane	Spokane Tribe	110,000
	Long Term	199204800	Colville Confederated Tribes Wildlife Mitigation Project	Columbia Upper	Colville Tribes	953,333
	Long Term	199206100	Albeni Falls Wildlife Mitigation	Pend Oreille	Albeni Falls Interagency	2,029,297
	Long Term	199500100	Kalispel Tribe Resident Fish P	Pend Oreille	Kalispel Tribe	520,814
	Long Term	199500900	Lake Roosevelt Rainbow Trout N	Columbia Upper	LRDA	144,000
	Long Term	199800300	Spokane Tribe Wildlife Mitigation Operations & Maintenance	Spokane	Spokane Tribe	287,588
	Long Term	200102900	Ford Hatchery Operations & Maintenance	Columbia Upper	WDFW	121,190
	Long Term	200103300	Hangman Restoration Project	Spokane	Coeur d'Alene Tribe	566,407
	Long Term	200702700	Colville Confederated Tribes Acquisition Project	Columbia Upper	Colville Tribes	129,000
	Long Term	200737200	Lake Roosevelt White Sturgeon Conservation Hatchery Project	Columbia Upper	Spokane Tribe	-
	Subbasin Plan Implementation	199001800	Lake Roosevelt Rainbow Tr Hab/Pass Impr Prog	Sanpoil	Colville Tribes	679,385
	Subbasin Plan Implementation	199004400	Coeur D'Alene Reservation Habitat Enhancement (Coeur d'Alene Subbasin)	Coeur d'Alene	Coeur d'Alene Tribe	1,469,899
	Subbasin Plan Implementation	199404300	Lake Roosevelt Fisheries Evaluation Program (formerly Data Collection)	Columbia Upper	Spokane Tribe	1,171,031
	Subbasin Plan Implementation	199404700	Lake Pend Oreille Fishery Recovery Project: purpose to restore fisheries impacted by the federal hydropower system within the Idaho portion of the Pend Oreille drainage.	Pend Oreille	IDFG	944,262

FY 2007 recommended Expense projects by Province and Category

Province	Category	Proposal Number	Title	Subbasin	Sponsor	FY 2007 Recommended
	Subbasin Plan Implementation	199501100	Chief Joseph Kokanee Enhancement	Columbia Upper	Colville Tribes	512,871
	Subbasin Plan Implementation	199502700	Lake Roosevelt White Sturgeon Recovery Project	Columbia Upper	Spokane Tribe	547,517
	Subbasin Plan Implementation	199700400	Resident Fish Stock Status Above Chief Joseph and Grand Coulee Dams	None Selected	Kalispel Tribe	622,049
	Subbasin Plan Implementation	200103100	Intermountain Province Resident Fish Conference and E-Library	Columbia Upper	Lake Roosevelt Forum	-
	Subbasin Plan Implementation	200103200	Coeur D'Alene Fisheries Enhancement, Hangman Creek	Spokane	Coeur d'Alene Tribe	572,020
	Subbasin Plan Implementation	200703800	Preserving/Enhancing Bull Trout and Westslope Cutthroat Trout within the Upper Pend Oreille Basin.	Pend Oreille	IDFG	291,568
	Subbasin Plan Implementation	200704100	Kalispell Riparian Road Removal	Pend Oreille	WDFW	58,117
	Subbasin Plan Implementation	200714900	Pend Oreille Nonnative Fish Suppression Project	Pend Oreille	Kalispel Tribe	596,785
	Subbasin Plan Implementation	200724600	Restoration of bull trout passage at Albeni Falls Dam using a trap-and-haul approach in conjunction with investigations to assess effectiveness of rapid genetic analysis in assigning natal tributary	Pend Oreille	Kalispel Tribe	756,658
Lower Columbia	Long Term	199107800	Burlington Bottoms Wildlife Mitigation Project	Willamette	ODFW	112,735
	Long Term	199205900	Amazon Basin/Eugene Wetlands -	Willamette	Nature Conservancy	98,764
	Long Term	199206800	Willamette Basin Mitigation	Willamette	ODFW	760,657
	Long Term	200001600	Tualatin River NWR Additions	Willamette	Tualatin R NWR	145,361
	Long Term	200301200	Shillapoo Wildlife Area	Columbia Lower	WDFW	190,000
	Long Term	200726000	Acquisition of a Conservation Easement over 1084 acres of Upland Prairie and Oak Habitat, Willamette Subbasin	Willamette	Nature Conservancy	68,500
	Subbasin Plan Implementation	200703700	North Fork Toutle River Fish Passage	Cowlitz	Steward & Assoc	98,910
	Subbasin Plan Implementation	200714700	Willamette Flow Management Project	Willamette	Nature Conservancy	141,200
	Subbasin Plan Implementation	200721900	Clackamas Watershed Prioritized Fish Passage Barrier Removal	Willamette	Clackamas R Council	21,520
	Subbasin Plan Implementation	200722900	Development of protocols and priorities for re-establishing naturally reproducing populations of Upper Willamette River Chinook Salmon above US Army Corps of Engineers dams in the Willamette Subbasin	Willamette	ODFW	-

FY 2007 recommended Expense projects by Province and Category

Province	Category	Proposal Number	Title	Subbasin	Sponsor	FY 2007 Recommended
	Subbasin Plan Implementation	200735500	Determining the Accuracy of Adult Coho Salmon Population Estimates from a Random, Spatially Balanced design using Area-Under-the-Curve	Columbia Lower	WDFW	100,192
	Subbasin Plan Implementation	200736800	Adult Coho Salmon Monitoring Proposal for the Lower Columbia Province.	Columbia Lower	WDFW	373,233
Mainstem on the ground/Multiprovince	Core Basinwide	200206000	Nez Perce Harvest Monitoring	Mainstem on the ground/Multiprovince	Nez Perce Tribe	326,646
	Core Basinwide	200600600	Habitat Evaluation Procedures (HEP)	Mainstem on the ground/Multiprovince	CBFWA	222,000
	Long Term	199606700	Manchester Spring Chinook Captive Broodstock Project	Mainstem on the ground/Multiprovince	NOAA	795,407
	Long Term	200105300	Reintroduction of Chum Salmon into Duncan Creek	Mainstem on the ground/Multiprovince	PSMFC	158,333
	Subbasin Plan Implementation	198605000	White Sturgeon Mitigation and Restoration in the Columbia and Snake Rivers Upstream from Bonneville Dam	Mainstem on the ground/Multiprovince	ODFW	1,205,000
	Subbasin Plan Implementation	199007700	Dev Of Systemwide Predator Control for Northern Pikeminnows.	Mainstem on the ground/Multiprovince	PSMFC	3,000,000
	Subbasin Plan Implementation	199305600	Research to advance hatchery reform, including captive broodstocks	Mainstem on the ground/Multiprovince	NW Fisheries Science	1,000,000
	Subbasin Plan Implementation	199702400	Avian Predation on Juvenile Salmonids in the Lower Columbia River	Mainstem on the ground/Multiprovince	OSU	470,000
	Subbasin Plan Implementation	199703800	Listed Stock Chinook Salmon Gamete Preservation	Mainstem on the ground/Multiprovince	Nez Perce Tribe	65,000
	Subbasin Plan Implementation	199706000	Focus Watershed Coordinator - Nez Perce Tribe	Mainstem on the ground/Multiprovince	Nez Perce Tribe	147,000
	Subbasin Plan Implementation	199900301	Evaluate Spawning of Fall Chinook and Chum Salmon Just Below the Four Lowermost Mainstem Dams	Mainstem on the ground/Multiprovince	ODFW	779,586
	Subbasin Plan Implementation	200001200	Evaluate Factors Limiting Columbia River Chum Salmon	Mainstem on the ground/Multiprovince	USFWS	151,666
	Subbasin Plan Implementation	200001700	Recondition Wild Steelhead Kelt	Mainstem on the ground/Multiprovince	CRITFC	400,000
	Subbasin Plan Implementation	200201301	Water Entity (RPA 151) NWPPC	Mainstem on the ground/Multiprovince	Natl F&W Foundation	5,000,000
Mainstem/Systemwide	Core Basinwide	198201301	Coded-Wire Tag Recovery	Systemwide	PSMFC	2,130,195
	Core Basinwide	198201302	Annual Stock Assessment - Coded Wire Tag Program (ODFW)	Systemwide	ODFW	228,775
	Core Basinwide	198201303	Coded Wire Tag - USFWS	Systemwide	USFWS	115,538
	Core Basinwide	198201304	Coded Wire Tag - WDFW	Systemwide	WDFW	335,094
	Core Basinwide	198331900	New Marking & Monitoring Tech	Systemwide	NOAA	909,930

FY 2007 recommended Expense projects by Province and Category

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	Core Basinwide	198712700	Smolt Monitoring By Non-Feder	Systemwide	PSMFC	2,351,730
	Core Basinwide	198810804	StreamNet (CIS/NED)	Systemwide	PSMFC	2,315,033
	Core Basinwide	198906201	Annual Work Plan CBFWA	Systemwide	CBFWA	2,071,450
	Core Basinwide	198909600	Genetic Monitoring of Snake River Chinook Salmon and Steelhead	Systemwide	NW Fisheries Science	483,525
	Core Basinwide	198910700	Statistical Support For Salmonid Survival Studies	Systemwide	U of WA	251,228
	Core Basinwide	199008000	Columbia Basin Pit-Tag Information System.	Systemwide	PSMFC	2,500,000
	Core Basinwide	199102900	Research, monitoring, and evaluation of emerging issues and measures to recover the Snake River fall Chinook salmon ESU	Systemwide	USFWS	456,375
	Core Basinwide	199105100	M&E Statistical Support For Life-Cycle Studies	Systemwide	U of WA	414,388
	Core Basinwide	199302900	Survival Estimates for the Passage of Juvenile Salmonids Through Snake and Columbia River Dams and Reservoirs	Systemwide	NW Fisheries Science	1,688,376
	Core Basinwide	199601900	Technical Management Team (TMT)	Systemwide	U of WA	331,279
	Core Basinwide	199602000	Pit Tagging Spring/Summer Chin	Systemwide	Col R Fisheries	915,444
	Core Basinwide	199602100	Gas Bubble Disease Research & Monitoring of Juvenile Salmonids	Systemwide	CRRL	20,954
	Core Basinwide	199800401	Columbia Basin Bulletin	Systemwide	Intermountain Comm	150,000
	Core Basinwide	199801400	Ocean Survival Of Salmonids	Systemwide	NOAA	2,170,600
	Core Basinwide	199803100	Implement Wy-Kan-Ush-Mi Wa-Kis	Systemwide	CRITFC	210,000
	Core Basinwide	199902000	Analyze Chinook Salmon Spatial and Temporal Dynamics and Persistence	Systemwide	USFS	88,154
	Core Basinwide	200100300	Adult Pit Detector Installation	Systemwide	PSMFC	245,491
	Core Basinwide	200203200	Snake River fall Chinook salmon life history investigations	Systemwide	USGS	1,000,000
	Core Basinwide	200300900	Canada-Usa Shelf Salmon Survival Study	Systemwide	Canada Fisheries	191,664
	Core Basinwide	200301700	Integrated Status and Effectiveness Monitoring Program (ISEMP): The design and evaluation of monitoring tools for salmon populations and habitat in the Interior Columbia River Basin.	Systemwide	NW Fisheries Science	1,836,000
	Core Basinwide	200303600	CBFWA Collaborative Systemwide Monitoring and Evaluation Program	Systemwide	CBFWA	984,500
	Core Basinwide	200304100	Evaluate Delayed (Extra) Mortality Associated with Passage of Yearling Chinook Salmon through Snake River Dams	Systemwide	NW Fisheries Science	979,817
	Core Basinwide	200305000	Eval Of Reprod Of Steelhead	Systemwide	U of WA	320,447
	Core Basinwide	200305400	Repro Of Steelhead In Hood Riv	Systemwide	OSU	290,850

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Province	Category	Proposal Number	Title	Subbasin	Sponsor	FY 2007 Recommended
	Core Basinwide	200306000	Evaluating relative reproductive success of wild and hatchery origin Snake River fall Chinook spawners upstream of Lower Granite Dam	Systemwide	WDFW	28,979
	Core Basinwide	200306200	Evaluate the Relative Reproductive Success of Reconditioned Kelt Steelhead	Systemwide	CRITFC	368,425
	Core Basinwide	200307200	Habitat and Biodiversity Information System For Columbia River Basin	Systemwide	NHI	157,831
	Core Basinwide	200311400	Acoustic Tracking For Survival	Systemwide	Kintama Research	1,200,000
	Core Basinwide	200400200	Pnamp Funding	Systemwide	USGS	50,000
	Core Basinwide	200500200	Operation of the Lower Granite Dam Adult Trap	Systemwide	NW Fisheries Science	283,220
	Core Basinwide	200710600	Spokane Tribe Fish and Wildlife Planning and Coordination	Systemwide	Spokane Tribe	65,000
	Core Basinwide	200710800	Regional Coordination for Upper Columbia United Tribes	Systemwide	UCUT	69,594
	Core Basinwide	200716200	Kalispel Tribe Fish and Wildlife Coordination	Systemwide	Kalispel Tribe	65,000
	Core Basinwide	200716500	Relative abundance, distribution, and population structure of lampreys in the Columbia River Basin	Systemwide	CRRL	66,667
	Core Basinwide	200721600	Pacific Northwest Aquatic Monitoring Partnership-Fish Population Monitoring (FPM)--RME Design and Protocols. Programmatic and Standardized Work Products for PNW and the Columbia Basin	Systemwide	PNAMP	19,718
	Core Basinwide	200727500	Impact of American shad in the Columbia River	Systemwide	CRRL	133,334
	Subbasin Plan Implementation	200724900	Evaluation of Live Capture, Selective Fishing Gear	Systemwide	Colville Tribes	130,000
Middle Snake	Long Term	199505701	S Idaho Wildlife Mitigation	Boise	IDFG	21,614
	Long Term	199505703	Southern Idaho Wildlife Mitigation	Owyhee	SPT	100,000
	Long Term	200000900	Logan Valley Wildlife Mitigation Site	Malheur	Burns Paiute	151,245
	Long Term	200002700	Acquisition Of Malheur River Wildlife Mitigation Project	Malheur	Burns Paiute	334,345
	Long Term	200712000	Malheur Subbasin Habitat Restoration and Fish Enhancement – Logan Valley Project	Malheur	Burns Paiute	29,209
	Long Term	200717100	Malheur River Subbasin Habitat Restoration and Fish Enhancement–Stinkingwater Project	Malheur	Burns Paiute	65,560
	Subbasin Plan Implementation	199501500	Duck Valley Fisheries Project – Operations, Maintenance, Monitoring and Evaluation	Owyhee	SPT	508,497
	Subbasin Plan Implementation	199701100	Shoshone-Paiute Habitat Enhanc	Owyhee	SPT	309,587
	Subbasin Plan Implementation	199701900	Evaluate the Life History of Native Salmonids in the Malheur Subbasin	Malheur	Burns Paiute	352,558

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	Subbasin Plan Implementation	199800200	Snake River Native Salmonid Assessment	Snake Upper Middle	IDFG	341,520
	Subbasin Plan Implementation	200709600	Wildlife Inventory and Habitat Evaluation of Duck Valley Indian Reservation	Owyhee	SPT	159,480
	Subbasin Plan Implementation	200721000	Mores Creek Watershed Floodplain and Habitat Restoration: Design and Implementation	Boise	W Central Highlands RCD	665,000
	Subbasin Plan Implementation	200733200	Mitigation of marine-derived nutrient loss in the Boise-Payette-Weiser subbasin.	Payette	IDFG	352,213
Mountain Columbia	Long Term	198806400	Kootenai River Native Fish Restoration and Conservation Aquaculture	Kootenai	Kootenai Tribe	1,970,800
	Long Term	199101904	Hungry Horse Mitigation - Stocking of Offsite Waters - Creston NFH	Flathead	Creston NFH	139,393
	Subbasin Plan Implementation	198806500	Kootenai R White Sturgeon Inve	Kootenai	IDFG	1,142,052
	Subbasin Plan Implementation	199101901	Hungry Horse Mitigation/Flathead Lake	Flathead	SKCT	139,000
	Subbasin Plan Implementation	199101903	Hungry Horse Mitigation Program	Flathead	MFWP	1,655,000
	Subbasin Plan Implementation	199404900	Kootenai River Ecosystem Improvements Project	Kootenai	Kootenai Tribe	1,695,800
	Subbasin Plan Implementation	199500400	Libby Mitigation Program	Kootenai	MFWP	816,935
	Subbasin Plan Implementation	199608701	Montana Focus Watershed Coordi	Flathead	SKCT	95,650
	Subbasin Plan Implementation	200000400	Monitor, Protect, and Rehabilitation of Bull Trout and Westslope Cutthroat Trout Habitat in the Upper Kootenay River Subbasin	Kootenai	Ministry of Env	63,000
	Subbasin Plan Implementation	200200200	Restore Natural Recruitment of Kootenai River White Sturgeon	Kootenai	Kootenai Tribe	3,387,955
	Subbasin Plan Implementation	200200800	Reconnect Kootenai River with the historic floodplain	Kootenai	Kootenai Tribe	241,000
	Subbasin Plan Implementation	200201100	Kootenai Floodplain Operational Loss Assessment	Kootenai	Kootenai Tribe	700,023
	Subbasin Plan Implementation	200600800	Evaluation of the Biological Effects of the Northwest Power and Conservation Council's Mainstem Amend. on the Fisheries Upstream & Downstream of Hungry Horse & Libby Dams, MT (Renumbered fr 200715200)	Flathead	MFWP	396,500
	Subbasin Plan Implementation	200710900	Aquatic Nuisance Species monitoring and outreach program for the Mountain Columbia province (Montana portion) of the Columbia River Basin	None Selected	MFWP	51,739

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	Subbasin Plan Implementation	200723500	Proposal to Create a Sub-Basin Plan for the Blackfoot River Sub-Basin	Blackfoot	Trout Unlimited	45,000
	Subbasin Plan Implementation	200726500	Complete and Coordinate a Subbasin Plan for the Bitterroot Watershed	Bitterroot	MT Water Trust	50,000
Mountain Snake	Long Term	198335000	Nez Perce Tribal Hatchery Operations & Maintenance	Clearwater	Nez Perce Tribe	2,033,220
	Long Term	198335003	Nez Perce Tribal Hatchery M&E	Clearwater	Nez Perce Tribe	1,900,000
	Long Term	198909800	Idaho Supplementation Studies	Salmon	IDFG / NPT / SBT	1,950,306
	Long Term	199107100	Snake River Sockeye Salmon Habitat and Limnological Monitoring	Salmon	SBT	291,096
	Long Term	199107200	Redfish Lake Sockeye Salmon Captive Broodstock Program	Salmon	IDFG	1,017,070
	Long Term	199204000	Redfish Lake Sockeye Salmon Captive Broodstock Rearing and Research	Salmon	NOAA	824,994
	Long Term	199501300	Resident Fish Substitution Program	Clearwater	Nez Perce Tribe	200,000
	Long Term	199604300	Johnson Creek Artificial Propagation Enhancement Project	Salmon	Nez Perce Tribe	1,009,770
	Long Term	199700100	Idaho Chinook Salmon Captive R	Salmon	IDFG	518,000
	Subbasin Plan Implementation	199005500	Idaho Steelhead Monitoring and Evaluation Studies	Clearwater	IDFG	633,586
	Subbasin Plan Implementation	199102800	Pit Tagging Wild Chinook	Salmon	NOAA	350,000
	Subbasin Plan Implementation	199107300	Idaho Natural Production Monit	Salmon	IDFG	784,650
	Subbasin Plan Implementation	199202603	Upper Salmon Basin Watershed Project (USBWP) provides technical and administrative support with project implementation guidance to landowners to implement fish habitat projects on private lands.	Salmon	ID Soil Cons	655,000
	Subbasin Plan Implementation	199405000	Salmon River Habitat Enhancement	Salmon	SBT	231,380
	Subbasin Plan Implementation	199607702	Protect and Restore Lolo Creek Watershed	Clearwater	Nez Perce Tribe DFRM	260,722
	Subbasin Plan Implementation	199607703	Protect and Restore Waw'aalamnime to 'Imnamatnoon Creek Analysis Area	Clearwater	Nez Perce Tribe DFRM	367,843
	Subbasin Plan Implementation	199607705	Restore McComas Meadows/ Meadow Creek Watershed	Clearwater	Nez Perce Tribe DFRM	331,259
	Subbasin Plan Implementation	199608600	Clearwater Focus Program, Idaho SCC	Clearwater	ID Soil Cons	98,000

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	Subbasin Plan Implementation	199703000	Chinook Salmon Adult Abundance Monitoring [Formerly - Listed Stock Adult Escapement]	Salmon	Nez Perce Tribe	305,071
	Subbasin Plan Implementation	199901600	Protect & Restore the Big Canyon Creek Watershed	Clearwater	Nez Perce Tribe DFRM	165,000
	Subbasin Plan Implementation	199901700	Protect and Restore Lapwai Creek Watershed	Clearwater	Nez Perce Tribe DFRM	389,765
	Subbasin Plan Implementation	200003500	Rehabilitate Newsome Creek - S	Clearwater	Nez Perce Tribe	317,474
	Subbasin Plan Implementation	200003600	Protect And Restore Mill Creek	Clearwater	Nez Perce Tribe DFRM	150,000
	Subbasin Plan Implementation	200205900	Yankee Fork Salmon River Dredge Tailings Restoration Project	Salmon	SBT	160,373
	Subbasin Plan Implementation	200206100	Restore Pottlatch R Watershed	Clearwater	Latah SWCD	397,486
	Subbasin Plan Implementation	200207000	Lapwai Cr Anadromous Habitat	Clearwater	Nez Perce SCWD	260,000
	Subbasin Plan Implementation	200207200	Protect & Restore Red River Watershed	Clearwater	Nez Perce Tribe	393,118
	Subbasin Plan Implementation	200207400	Protect and Restore Crooked Fork to Colt Killed Analysis Area	Clearwater	Nez Perce Tribe DFRM	228,122
	Subbasin Plan Implementation	200700300	Dworshak Dam Resident Fish Mitigation	Clearwater	IDFG	160,000
	Subbasin Plan Implementation	200706400	Protect and Restore Slate Creek	Salmon	Nez Perce Tribe DFRM	80,000
	Subbasin Plan Implementation	200723300	Distribution and Abundance Monitoring of Oncorhynchus mykiss within the Lower Clearwater Subbasin	Clearwater	Nez Perce Tribe DFRM	220,000
	Subbasin Plan Implementation	200726800	Idaho Watershed Habitat Restoration Project via Custer Soil and Water Conservation District	Salmon	Custer SWCD	250,000
Upper Snake	Long Term	199505700	S Idaho Wildlife Mitigation	Snake Upper	IDFG	400,738
	Long Term	199505702	Southern Idaho Wildlife Mitigation	Snake Upper	SBT	380,000
	Subbasin Plan Implementation	199201000	Habitat Imprvmnt/Enhnmnt - Fort Hall, Idaho	Snake Upper	SBT	245,805
	Subbasin Plan Implementation	200713700	Open Channels	Snake Headwaters	Friends of the Teton R	150,000

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	Subbasin Plan Implementation	200717000	South Fork Snake River Yellowstone cutthroat trout recruitment and survival improvement	Snake Headwaters	IDFG	205,100