

List of Action Agency Projects sorted by Species and ESU

04-Jun-01

Species	ESU	H-Sector	Project ID	Project Title
Chinook	Lower Columbia River	Habitat	160	Fifteenmile Creek Habitat Improvement
			200	Hood River Fish Habitat
			211	Salmon Spawning Below Lower Columbia Dams -ODFW
			213	15 Mile Creek Water Right Acquisition
			241	Rock Cr Watshed Assessment /Restoration
			242	Evaluate Factors Limiting Columbia R Chum Salmon
			262	Estuary Habitat Restoration and Research
			263	Identify salmon habitat components from LCREP inventory.
			265	Establish baseline data & other information needed to identify & prioritize estuary habitat actions
			266	Columbia River Estuary Demonstration Projects .
			267	Support avian predation management program.
			273	Chinook River Restoration/ Chinook WA
			275	Fox Creek/ Rainier, OR
			276	Clatskanie River/ Westport Slough/ Clatskanie OR
			298	McKenzie High Priority Subbasin Enhancement
			299	McKenzie High Priority Subbasin Enhancement
			300	McKenzie High Priority Subbasin Enhancement
313	Clackamas High Priority Subbasin Enhancement			
314	Clackamas High Priority Subbasin Enhancement			
315	Clackamas High Priority Subbasin Enhancement			
316	North Fork Santiam High Priority Subbasin Enhancement			

Species	ESU	H-Sector	Project ID	Project Title	
Chinook	Lower Columbia River	Habitat	317	North Fork Santiam High Priority Subbasin Enhancement	
			318	North Fork Santiam High Priority Subbasin Enhancement	
			319	Upper Cowlitz High Priority Subbasin Enhancement	
			320	Upper Cowlitz High Priority Subbasin Enhancement	
			321	Upper Cowlitz High Priority Subbasin Enhancement	
			322	Lewis River High Priority Subbasin Enhancement	
			323	Lewis River High Priority Subbasin Enhancement	
			324	Lewis River High Priority Subbasin Enhancement	
			328	Lower-Willamette-Clackamas High Priority Subbasin Enhancement	
			329	Lower-Willamette-Clackamas High Priority Subbasin Enhancement	
			330	Lower-Willamette-Clackamas High Priority Subbasin Enhancement	
			Harvest	132	EVALUATE LIVE CAPTURE SELECTIVE HARVEST METHODS
				139	Select Area Fishery Evaluation
			Hatchery	120	POST RELEASE SURVIVAL OF FALL CHINOOK IN SNAKE R
			Hydro	1	Bonneville Automated Trashracks
		2		The Dalles Surface Bypass Studies	
		3		Bonneville 2nd Powerhouse JBS Improvements	
		4		Bonneville 1st Powerhouse JBS Improvements	
		5		Bonneville 2nd Powerhouse Gatewell Debris Removal	
		6		Bonneville 2nd Powerhouse Surface Bypass (corner collector)	
		7		Bonneville 1st Powerhouse Surface Bypass (Deep Slot)	
		8		Bonneville 1st Powerhouse FGE Improvements	
		9		Bonneville 2nd Powerhouse FGE Improvements	
		10		Bonneville Juvenile Fish Bypass Studies	
		11		Bonneville Flat Plate	

Species	ESU	H-Sector	Project ID	Project Title			
Chinook	Lower Columbia River	Hydro	12	Delayed Mortality of Juveniles with Differential Migration Histories			
			27	McNary Cylindrical Dewatering Prototype Evaluations			
			28	McNary Juvenile Fish Facility Debris			
			31	McNary Spillway Survival Study			
			32	Dalles Project Survival Study			
			35	McNary Gas Fast Track Deflectors			
			36	John Day Extended Length Screens			
			37	McNary outfall evaluation			
			38	The Dalles Sluice Outfall and Auxiliary Adult Water Supply			
			39	The Dalles Adult Entrance Channel Dewatering Modifications			
			41	Bonneville Adult Fallback			
			42	Bonneville 2nd Powerhouse Adult Fishway Auxiliary Water Supply			
			43	John Day North Shore - Adult Fishway Auxiliary Water Supply			
			44	John Day Salmonid Holding and Jumping Project			
			45	John Day Ladder Temperature Project			
			51	McNary Adult Pit Tag Program			
			57	Adult Lamprey Passage			
			58	Marine mammal predation @Bonneville tailrace			
			72	Bonneville Gas Fast Track			
			73	The Dalles Gas Fast Track			
			74	John Day Spill/Survival Studies			
			75	John Day Surface Bypass/Removable Spillway Weir/Flow Deflectors			
			84	Investigate surface bypass RWSW at McNary Dam & install the unit in multiple spillways as warranted			
				Snake River Fall-run	Habitat	148	Joseph Creek & Grande Ronde River habitat work
						149	IDFG Dworshak Hydroacoustics (Resident fish studies)

Species	ESU	H-Sector	Project ID	Project Title
Chinook	Snake River Fall-run	Habitat	155	Grand Ronde Model Watershed Development
			156	Model Watershed Studies - Lemhi River Basin
			157	Life Studies Of Spring Chinook-Grande Ronde River
			159	RED RIVER RESTORATION (LITTLE PONDEROSA RANCH)
			161	Upper Salmon River Anadromous Fish Passage
			163	Idaho Fish Screening Improvement
			164	Idaho Model Watershed Habitat projects
			165	Asotin Cr Habitat -Spring Chinook, Summer Steelhead
			167	Tucannon Stream And Riparian Restoration
			168	PATAHA CREEK STREAM & CROPLAND RESTORATION
			169	Grande Ronde Model Watershed Habitat Projects
			170	Wallowa Basin Project Planning
			174	Salmon River Habitat Enhancement & O&M
			176	Upper Salmon River Diversion Canal Consolidation
			183	PROTECT AND RESTORE LOLO CREEK WATERSHED
			184	Protecting & Restoring Squaw/Papose Creek Watersheds
			185	Restore McComas Meadows
			186	N.E. Oregon Wildlife Project - Helm Tract (NPT)
			187	CTUIR-Grande Ronde Watershed -McIntyre Road/Mccoy Creek
			188	Clearwater Focus Watershed
190	Wallowa County/Nez Perce Salmon Habitat Recovery Plan			
193	O'Hara Watershed Restoration, Clearwater Basin			
194	Cottonwood Creek Riparian Enhancement -Wallowa Basin			
195	Water Quality Monitoring - Grande Ronde Basin			
207	McIntyre Road Relocation - Union County			

Species	ESU	H-Sector	Project ID	Project Title
Chinook	Snake River Fall-run	Habitat	209	Grouse Creek Culvert Replacement
			216	Restore Anadromous Fish Habitat - Little Canyon Cr
			217	Restore Anadromous Fish Habitat - Nichols Canyon
			218	Protecting & Restoring Big Canyon Creek Watershed
			219	Rehabilitate Lapwai Creek
			220	Restore Salmon River (Challis area)
			221	PATAHA WATERSHED PROJECT PLANNING & IMPLEMENTATION
			223	Union County Technical Engineering Assistance
			224	Wallowa County Technical Engineering Assistance
			225	Water Temperature Manipulation & Data Sharing Software
			228	Grande Ronde - Union SWCD Channel/Road Restoration
			229	Grande Ronde - Union SWCD Riparian & Upland Restoration
			230	Alpine Meadows Trout Creek Restation
			231	Wallowa County Gauging Station
			232	Hagedorn Rd Relocation/Stream Restoration
			233	Grande Ronde Technical Engineering Assistance
			235	Wallowa County Direct Seeding
			236	Crow Cr Star Thistle Containment & Riparian Enhancement
			240	TRAINING SUPPORT TO NRCS/WILDLAND HYDROLOGY
			244	Wildlife Mitigation Sites Oregon, Wenaha Wildlife Area additions
			245	Wildlife Mitigation Sites Oregon, Ladd Marsh Wildlife Area
			248	Protect N Lochsa Face Analysis Area
			249	Rehabilitate Newsome Creek - Clearwater Basin
			250	Protect And Restore Mill Creek Watershed
			255	Conservation Reserve Incentive

Species	ESU	H-Sector	Project ID	Project Title	
Chinook	Snake River Fall-run	Habitat	256	McCoy Cr Alta Cunha Ranches Instream Restoration	
			258	Asotin Watershed Grazing Biological Plan	
			269	Salmon River Section 206	
			274	Grande Ronde Restoration (Bull Trout, Steelhead, S/S Chinook)/ Grande Ronde River	
			277	Salmon River at Challis, ID (Bull Trout, Steelhead, S/S Chinook, Fall Chinook, Sockeye)/ Salmon R	
			280	Ladd Marsh (Steelhead, S/S Chinook)/ Grande Ronde Ladd Creek	
			283	Lemhi Subbasin High Priority Subbasin Enhancement	
			284	Lemhi Subbasin High Priority Subbasin Enhancement	
			285	Lemhi Subbasin High Priority Subbasin Enhancement	
			301	Upper Salmon High Priority Subbasin Enhancement	
			302	Upper Salmon High Priority Subbasin Enhancement	
			303	Upper Salmon High Priority Subbasin Enhancement	
			304	Middle Fork Clearwater High Priority Subbasin Enhancement	
			305	Middle Fork Clearwater High Priority Subbasin Enhancement	
			306	Middle Fork Clearwater High Priority Subbasin Enhancement	
			325	Little Salmon High Priority Subbasin Enhancement	
			326	Little Salmon High Priority Subbasin Enhancement	
			327	Little Salmon High Priority Subbasin Enhancement	
			Hatchery	92	Develop HGMPs
				95	Safety Net Program
		97		CAPTIVE BROODSTOCK ARTIFICIAL PROPAGATION	
		98		TUCANNON RIVER SPRING CHINOOK CAPTIVE BROODSTOCK	
		99		REDFISH LAKE SOCKEYE REARING AND TRAPPING	

Species	ESU	H-Sector	Project ID	Project Title
Chinook	Snake River Fall-run	Hatchery	100	REDFISH LAKE SOCKEYE BROODSTOCK REARING/RESEARCH
			101	IDAHO CHINOOK SALMON CAPTIVE REARING
			104	NE OREGON HATCHERY MASTER PLAN - NEZ PERCE
			105	NE OREGON OUTPLANTING FACILITIES PLAN - ODFW
			106	PITTSBURG LANDING ACCLIMATION FACILITY - SNAKE R
			108	NEZ PERCE TRIBAL HATCHERY
			109	JOHNSON CREEK ARTIFICIAL PROPAGATION ENHANCEMENT
			111	NEZ PERCE MASTER CONTRACT
			112	GRANDE RONDE SUPPLEMENTATION FACILITIES- O&M - NPT
			113	GRANDE RONDE SUPPLEMENTATION - O&M -CTUIR
			114	GRANDE RONDE CAPTIVE BROOD O&M / M&E
			115	NEZ PERCE TRIBAL HATCHERY CONTRUCTION
		123	NEZ PERCE TRIBAL HATCHERY MONITORING AND EVALUATIO	
		124	ASSESS CHINOOK RESTORATION (SNAKE RIVER BASIN)	
		Hydro	13	Lower Granite Surface Bypass and Collection
			14	Little Goose Extended Submerged Bar Screens
			15	Lower Granite Extended Submerged Bar Screens
			16	Lower Monumental Extended Submerged Bar Screens
			18	Lower Snake River Juvenile Bypass System Improvements
			25	Lower Monumental Juvenile Bypass System Outfall
			26	Little Goose Pit-Tag System Modification
		29	Little Goose Trash Boom	

Species	ESU	H-Sector	Project ID	Project Title
Chinook	Snake River Fall-run	Hydro	30	Ice Harbor Spillway Survival Study
			33	Lower Monumental Gas Fast Track Deflectors
			34	Little Goose Gas Fast Track Deflectors
			46	Lower Granite Adult Fishway Auxiliary Water Supply Project
			47	Lower Monumental Adult Fishway Auxiliary Water Supply Project
			48	Little Goose Adult Fishway Auxiliary Water Supply Project
			49	Ice Harbor Adult Fishway Auxiliary Water Supply Project
			54	Fish Ladder Temperature Evaluation
			55	Adult Temperature Evaluation
			56	Adult Fish Transition Pool Evaluations
			60	Adult PIT tag monitoring- Snake River projects
			78	Modify water supply to the Dworshak NFH while maintaining discharges of Dworshak cold water
			85	Investigate surface bypass RWSW at Lower Monumental Dam and install the unit in multiple spillways
			90	COE to investigate TDG abatement at Dworshak Dam and implement options as warranted.
	Snake River Spring/ Summer-run	Habitat	148	Joseph Creek & Grande Ronde River habitat work
			155	Grand Ronde Model Watershed Development
			156	Model Watershed Studies - Lemhi River Basin
			157	Life Studies Of Spring Chinook-Grande Ronde River
			161	Upper Salmon River Anadromous Fish Passage
			163	Idaho Fish Screening Improvement
164			Idaho Model Watershed Habitat projects	
165	Asotin Cr Habitat -Spring Chinook, Summer Steelhead			
167	Tucannon Stream And Riparian Restoration			

Species	ESU	H-Sector	Project ID	Project Title
Chinook	Snake River Spring/ Summer-run	Habitat	168	PATAHA CREEK STREAM & CROPLAND RESTORATION
			169	Grande Ronde Model Watershed Habitat Projects
			170	Wallowa Basin Project Planning
			174	Salmon River Habitat Enhancement & O&M
			176	Upper Salmon River Diversion Canal Consolidation
			186	N.E. Oregon Wildlife Project - Helm Tract (NPT)
			187	CTUIR-Grande Ronde Watershed -McIntyre Road/Mccoy Creek
			190	Wallowa County/Nez Perce Salmon Habitat Recovery Plan
			194	Cottonwood Creek Riparian Enhancement -Wallowa Basin
			195	Water Quality Monitoring - Grande Ronde Basin
			207	McIntyre Road Relocation - Union County
			209	Grouse Creek Culvert Replacement
			220	Restore Salmon River (Challis area)
			221	PATAHA WATERSHED PROJECT PLANNING & IMPLEMENTATION
			223	Union County Technical Engineering Assistance
			224	Wallowa County Technical Engineering Assistance
			225	Water Temperature Manipulation & Data Sharing Software
			228	Grande Ronde - Union SWCD Channel/Road Restoration
			229	Grande Ronde - Union SWCD Riparian & Upland Restoration
			230	Alpine Meadows Trout Creek Restation
			231	Wallowa County Gauging Station
			232	Hagedorn Rd Relocation/Stream Restoration
			233	Grande Ronde Technical Engineering Assistance
			235	Wallowa County Direct Seeding
			236	Crow Cr Star Thistle Containment & Riparian Enhancement

Species	ESU	H-Sector	Project ID	Project Title	
Chinook	Snake River Spring/ Summer-run	Habitat	240	TRAINING SUPPORT TO NRCS/WILDLAND HYDROLOGY	
			244	Wildlife Mitigation Sites Oregon, Wenaha Wildlife Area additions	
			245	Wildlife Mitigation Sites Oregon, Ladd Marsh Wildlife Area	
			255	Conservation Reserve Incentive	
			256	McCoy Cr Alta Cunha Ranches Instream Restoration	
			258	Asotin Watershed Grazing Biological Plan	
			269	Salmon River Section 206	
			274	Grande Ronde Restoration (Bull Trout, Steelhead, S/S Chinook)/ Grande Ronde River	
			277	Salmon River at Challis, ID (Bull Trout, Steelhead, S/S Chinook, Fall Chinook, Sockeye)/ Salmon R	
			280	Ladd Marsh (Steelhead, S/S Chinook)/ Grande Ronde Ladd Creek	
			283	Lemhi Subbasin High Priority Subbasin Enhancement	
			284	Lemhi Subbasin High Priority Subbasin Enhancement	
			285	Lemhi Subbasin High Priority Subbasin Enhancement	
			301	Upper Salmon High Priority Subbasin Enhancement	
			302	Upper Salmon High Priority Subbasin Enhancement	
			303	Upper Salmon High Priority Subbasin Enhancement	
			325	Little Salmon High Priority Subbasin Enhancement	
			326	Little Salmon High Priority Subbasin Enhancement	
			327	Little Salmon High Priority Subbasin Enhancement	
			Hatchery	92	Develop HGMPs
				95	Safety Net Program
				97	CAPTIVE BROODSTOCK ARTIFICIAL PROPAGATION
				98	TUCANNON RIVER SPRING CHINOOK CAPTIVE BROODSTOCK

Species	ESU	H-Sector	Project ID	Project Title	
Chinook	Snake River Spring/ Summer-run	Hatchery	99	REDFISH LAKE SOCKEYE REARING AND TRAPPING	
			100	REDFISH LAKE SOCKEYE BROODSTOCK REARING/RESEARCH	
			101	IDAHO CHINOOK SALMON CAPTIVE REARING	
			104	NE OREGON HATCHERY MASTER PLAN - NEZ PERCE	
			105	NE OREGON OUTPLANTING FACILITIES PLAN - ODFW	
			106	PITTSBURG LANDING ACCLIMATION FACILITY - SNAKE R	
			109	JOHNSON CREEK ARTIFICIAL PROPAGATION ENHANCEMENT	
			111	NEZ PERCE MASTER CONTRACT	
			112	GRANDE RONDE SUPPLEMENTATION FACILITIES- O&M - NPT	
			113	GRANDE RONDE SUPPLEMENTATION - O&M -CTUIR	
			114	GRANDE RONDE CAPTIVE BROOD O&M / M&E	
			Hydro	13	Lower Granite Surface Bypass and Collection
				14	Little Goose Extended Submerged Bar Screens
				15	Lower Granite Extended Submerged Bar Screens
		16		Lower Monumental Extended Submerged Bar Screens	
		18		Lower Snake River Juvenile Bypass System Improvements	
		25		Lower Monumental Juvenile Bypass System Outfall	
		26		Little Goose Pit-Tag System Modification	
		29		Little Goose Trash Boom	
		30		Ice Harbor Spillway Survival Study	
		33		Lower Monumental Gas Fast Track Deflectors	
		34		Little Goose Gas Fast Track Deflectors	
		46		Lower Granite Adult Fishway Auxiliary Water Supply Project	

Species	ESU	H-Sector	Project ID	Project Title
Chinook	Snake River Spring/ Summer-run	Hydro	47	Lower Monumental Adult Fishway Auxiliary Water Supply Project
			48	Little Goose Adult Fishway Auxiliary Water Supply Project
			49	Ice Harbor Adult Fishway Auxiliary Water Supply Project
			54	Fish Ladder Temperature Evaluation
			56	Adult Fish Transition Pool Evaluations
			60	Adult PIT tag monitoring- Snake River projects
			85	Investigate surface bypass RWSW at Lower Monumental Dam and install the unit in multiple spillways
			85	Investigate surface bypass RWSW at Lower Monumental Dam and install the unit in multiple spillways
	Upper Columbia River Spring-run	Habitat	179	Methow River Valley Irrigation District
			222	Salmon Creek Enhancement -Chumstick Creek Northroad
			286	Methow Subbasin High Priority Subbasin Enhancement
			287	Methow Subbasin High Priority Subbasin Enhancement
			288	Methow Subbasin High Priority Subbasin Enhancement
			295	Entiat High Priority Subbasin Enhancement
			296	Entiat High Priority Subbasin Enhancement
			297	Entiat High Priority Subbasin Enhancement
			310	Wenatchee High Priority Subbasin Enhancement
			311	Wenatchee High Priority Subbasin Enhancement
			312	Wenatchee High Priority Subbasin Enhancement
			Upper Willamete River	Hatchery
	92	Develop HGMPs		
	Upper Willamete River	Habitat	211	Salmon Spawning Below Lower Columbia Dams -ODFW
			275	Fox Creek/ Rainier, OR
			298	McKenzie High Priority Subbasin Enhancement
			299	McKenzie High Priority Subbasin Enhancement
			300	McKenzie High Priority Subbasin Enhancement

Species	ESU	H-Sector	Project ID	Project Title
Chinook	Upper Willamete River	Habitat	313	Clackamas High Priority Subbasin Enhancement
			314	Clackamas High Priority Subbasin Enhancement
			315	Clackamas High Priority Subbasin Enhancement
			316	North Fork Santiam High Priority Subbasin Enhancement
			317	North Fork Santiam High Priority Subbasin Enhancement
			318	North Fork Santiam High Priority Subbasin Enhancement
			328	Lower-Willamette-Clackamas High Priority Subbasin Enhancement
			329	Lower-Willamette-Clackamas High Priority Subbasin Enhancement
			330	Lower-Willamette-Clackamas High Priority Subbasin Enhancement
			Harvest	132
		139		Select Area Fishery Evaluation

Species	ESU	H-Sector	Project ID	Project Title
Chum	Columbia River	Habitat	160	Fifteenmile Creek Habitat Improvement
			200	Hood River Fish Habitat
			211	Salmon Spawning Below Lower Columbia Dams -ODFW
			213	15 Mile Creek Water Right Acquisition
			241	Rock Cr Watshed Assessment /Restoration
			242	Evaluate Factors Limiting Columbia R Chum Salmon
			262	Estuary Habitat Restoration and Research
			263	Identify salmon habitat components from LCREP inventory.
			265	Establish baseline data & other information needed to identify & prioritize estuary habitat actions
			266	Columbia River Estuary Demonstration Projects .
			267	Support avian predation management program.
			273	Chinook River Restoration/ Chinook WA
			275	Fox Creek/ Rainier, OR
			276	Clatskanie River/ Westport Slough/ Clatskanie OR
			298	McKenzie High Priority Subbasin Enhancement
			299	McKenzie High Priority Subbasin Enhancement
			300	McKenzie High Priority Subbasin Enhancement
			313	Clackamas High Priority Subbasin Enhancement
			314	Clackamas High Priority Subbasin Enhancement
			315	Clackamas High Priority Subbasin Enhancement
316	North Fork Santiam High Priority Subbasin Enhancement			
317	North Fork Santiam High Priority Subbasin Enhancement			
318	North Fork Santiam High Priority Subbasin Enhancement			
319	Upper Cowlitz High Priority Subbasin Enhancement			

Species	ESU	H-Sector	Project ID	Project Title	
Chum	Columbia River	Habitat	320	Upper Cowlitz High Priority Subbasin Enhancement	
			321	Upper Cowlitz High Priority Subbasin Enhancement	
			322	Lewis River High Priority Subbasin Enhancement	
			323	Lewis River High Priority Subbasin Enhancement	
			324	Lewis River High Priority Subbasin Enhancement	
			328	Lower-Willamette-Clackamas High Priority Subbasin Enhancement	
			329	Lower-Willamette-Clackamas High Priority Subbasin Enhancement	
			330	Lower-Willamette-Clackamas High Priority Subbasin Enhancement	
			Harvest	132	EVALUATE LIVE CAPTURE SELECTIVE HARVEST METHODS
				139	Select Area Fishery Evaluation
			Hatchery	120	POST RELEASE SURVIVAL OF FALL CHINOOK IN SNAKE R
			Hydro	1	Bonneville Automated Trashracks
				2	The Dalles Surface Bypass Studies
		3		Bonneville 2nd Powerhouse JBS Improvements	
		4		Bonneville 1st Powerhouse JBS Improvements	
		5		Bonneville 2nd Powerhouse Gatewell Debris Removal	
		6		Bonneville 2nd Powerhouse Surface Bypass (corner collector)	
		7		Bonneville 1st Powerhouse Surface Bypass (Deep Slot)	
		8		Bonneville 1st Powerhouse FGE Improvements	
		9		Bonneville 2nd Powerhouse FGE Improvements	
		10		Bonneville Juvenile Fish Bypass Studies	
		11		Bonneville Flat Plate	
		12		Delayed Mortality of Juveniles with Differential Migration Histories	
		27		McNary Cylindrical Dewatering Prototype Evaluations	
		28		McNary Juvenile Fish Facility Debris	

Species	ESU	H-Sector	Project ID	Project Title
Chum	Columbia River	Hydro	31	McNary Spillway Survival Study
			32	Dalles Project Survival Study
			35	McNary Gas Fast Track Deflectors
			36	John Day Extended Length Screens
			37	McNary outfall evaluation
			38	The Dalles Sluice Outfall and Auxiliary Adult Water Supply
			39	The Dalles Adult Entrance Channel Dewatering Modifications
			41	Bonneville Adult Fallback
			42	Bonneville 2nd Powerhouse Adult Fishway Auxiliary Water Supply
			43	John Day North Shore - Adult Fishway Auxiliary Water Supply
			44	John Day Salmonid Holding and Jumping Project
			45	John Day Ladder Temperature Project
			51	McNary Adult Pit Tag Program
			57	Adult Lamprey Passage
			58	Marine mammal predation @Bonneville tailrace
			72	Bonneville Gas Fast Track
			73	The Dalles Gas Fast Track
			74	John Day Spill/Survival Studies
			75	John Day Surface Bypass/Removable Spillway Weir/Flow Deflectors
			84	Investigate surface bypass RWSW at McNary Dam & install the unit in multiple spillways as warranted

Species	ESU	H-Sector	Project ID	Project Title	
Sockeye	Snake River	Habitat	156	Model Watershed Studies - Lemhi River Basin	
			161	Upper Salmon River Anadromous Fish Passage	
			163	Idaho Fish Screening Improvement	
			164	Idaho Model Watershed Habitat projects	
			174	Salmon River Habitat Enhancement & O&M	
			176	Upper Salmon River Diversion Canal Consolidation	
			220	Restore Salmon River (Challis area)	
			269	Salmon River Section 206	
			277	Salmon River at Challis, ID (Bull Trout, Steelhead, S/S Chinook, Fall Chinook, Sockeye)/ Salmon R	
			283	Lemhi Subbasin High Priority Subbasin Enhancement	
			284	Lemhi Subbasin High Priority Subbasin Enhancement	
			285	Lemhi Subbasin High Priority Subbasin Enhancement	
			301	Upper Salmon High Priority Subbasin Enhancement	
			302	Upper Salmon High Priority Subbasin Enhancement	
			303	Upper Salmon High Priority Subbasin Enhancement	
			325	Little Salmon High Priority Subbasin Enhancement	
			326	Little Salmon High Priority Subbasin Enhancement	
			327	Little Salmon High Priority Subbasin Enhancement	
			Hatchery	92	Develop HGMPs
				95	Safety Net Program
		99		REDFISH LAKE SOCKEYE REARING AND TRAPPING	
		100		REDFISH LAKE SOCKEYE BROODSTOCK REARING/RESEARCH	
		101		IDAHO CHINOOK SALMON CAPTIVE REARING	

Species	ESU	H-Sector	Project ID	Project Title
Sockeye	Snake River	Hatchery	109	JOHNSON CREEK ARTIFICIAL PROPAGATION ENHANCEMENT

Species	ESU	H-Sector	Project ID	Project Title
Steelhead	Lower Columbia River	Habitat	160	Fifteenmile Creek Habitat Improvement
			200	Hood River Fish Habitat
			211	Salmon Spawning Below Lower Columbia Dams -ODFW
			213	15 Mile Creek Water Right Acquisition
			241	Rock Cr Watshed Assessment /Restoration
			242	Evaluate Factors Limiting Columbia R Chum Salmon
			275	Fox Creek/ Rainier, OR
			298	McKenzie High Priority Subbasin Enhancement
			299	McKenzie High Priority Subbasin Enhancement
			300	McKenzie High Priority Subbasin Enhancement
			313	Clackamas High Priority Subbasin Enhancement
			314	Clackamas High Priority Subbasin Enhancement
			315	Clackamas High Priority Subbasin Enhancement
			316	North Fork Santiam High Priority Subbasin Enhancement
			317	North Fork Santiam High Priority Subbasin Enhancement
			318	North Fork Santiam High Priority Subbasin Enhancement
			319	Upper Cowlitz High Priority Subbasin Enhancement
			320	Upper Cowlitz High Priority Subbasin Enhancement
			321	Upper Cowlitz High Priority Subbasin Enhancement
			322	Lewis River High Priority Subbasin Enhancement
			323	Lewis River High Priority Subbasin Enhancement
			324	Lewis River High Priority Subbasin Enhancement
			328	Lower-Willamette-Clackamas High Priority Subbasin Enhancement
			329	Lower-Willamette-Clackamas High Priority Subbasin Enhancement
			330	Lower-Willamette-Clackamas High Priority Subbasin Enhancement

Species	ESU	H-Sector	Project ID	Project Title	
Steelhead	Lower Columbia River	Harvest	132	EVALUATE LIVE CAPTURE SELECTIVE HARVEST METHODS	
			139	Select Area Fishery Evaluation	
		Hatchery	120	POST RELEASE SURVIVAL OF FALL CHINOOK IN SNAKE R	
			Hydro	1	Bonneville Automated Trashracks
				2	The Dalles Surface Bypass Studies
				3	Bonneville 2nd Powerhouse JBS Improvements
				4	Bonneville 1st Powerhouse JBS Improvements
				5	Bonneville 2nd Powerhouse Gatewell Debris Removal
				6	Bonneville 2nd Powerhouse Surface Bypass (corner collector)
				7	Bonneville 1st Powerhouse Surface Bypass (Deep Slot)
				8	Bonneville 1st Powerhouse FGE Improvements
				9	Bonneville 2nd Powerhouse FGE Improvements
				10	Bonneville Juvenile Fish Bypass Studies
				11	Bonneville Flat Plate
				12	Delayed Mortality of Juveniles with Differential Migration Histories
				27	McNary Cylindrical Dewatering Prototype Evaluations
				28	McNary Juvenile Fish Facility Debris
				31	McNary Spillway Survival Study
				32	Dalles Project Survival Study
		35		McNary Gas Fast Track Deflectors	
		36	John Day Extended Length Screens		
		37	McNary outfall evaluation		
		38	The Dalles Sluice Outfall and Auxiliary Adult Water Supply		
39	The Dalles Adult Entrance Channel Dewatering Modifications				
41	Bonneville Adult Fallback				

Species	ESU	H-Sector	Project ID	Project Title		
Steelhead	Lower Columbia River	Hydro	42	Bonneville 2nd Powerhouse Adult Fishway Auxiliary Water Supply		
			43	John Day North Shore - Adult Fishway Auxiliary Water Supply		
			44	John Day Salmonid Holding and Jumping Project		
			45	John Day Ladder Temperature Project		
			51	McNary Adult Pit Tag Program		
			57	Adult Lamprey Passage		
			58	Marine mammal predation @Bonneville tailrace		
			72	Bonneville Gas Fast Track		
			73	The Dalles Gas Fast Track		
			74	John Day Spill/Survival Studies		
			75	John Day Surface Bypass/Removable Spillway Weir/Flow Deflectors		
			84	Investigate surface bypass RWSW at McNary Dam & install the unit in multiple spillways as warranted		
			Middle Columbia River	Habitat	147	Mainstem, Middle Fork, John Day habitat work
					150	Umatilla Habitat Improvement -CTUIR
	151	Umatilla Habitat Improvement -ODFW				
	158	Lower Yakima Valley Riparian/Wetlands Restoration				
	160	Fifteenmile Creek Habitat Improvement				
	162	Oregon Fish Screens Project				
	171	Trout Creek Operation & Maintenance				
	175	Umatilla River Riparian - Squaw Creek Wildlife Project				
	177	Juvenile Screens & Traps Walla Walla Basin				
	178	Anadromous Fish Passage Walla Walla Basin				
	180	Satus Creek Watershed Restoration				
	181	Walla Walla River Basin Fish Habitat Enhancement				
	182	North Fork John Day dredge tailing restoration				

Species	ESU	H-Sector	Project ID	Project Title
Steelhead	Middle Columbia River	Habitat	191	Yakima Basin Side ChannelsS
			192	Toppenish/Simcoe Instream Flow Restoration
			197	Gravel Push-Up Dam Removal Lower John Day N Fork River
			198	Irrigation & Riparian Improvement, John Day River
			199	Assess Salmonid Habitat, Walla Walla Watershed
			200	Hood River Fish Habitat
			201	Acquisition Of Pine Creek Ranch
			202	Implement Trout Cr Watershed Enhancement
			204	Upper Toppenish Creek Watershed Restoratio
			205	Establish Safe Access Tributaries - Yakima Basin
			212	Bakeoven Riparian Assessment
			213	15 Mile Creek Water Right Acquisition
			214	PINE HOLLOW WATERSHED ENHANCEMENT
			215	Ahtanum Creek Watershed Assessment
			241	Rock Cr Watshed Assessment /Restoration
			242	Evaluate Factors Limiting Columbia R Chum Salmon
			243	Acquire Oxbow Ranch on the Middle Fork John Day River
			246	Enhance North Fork John Day River
			247	Walla Walla River Fish Passage
			259	Holliday Conservation Easement
			261	East Birch Creek Section 206
			278	Milton-Freewater Set-back Levees (Bull Trout Steelhead)/ Walla Walla River
			279	Nursery Street Bridge (Bull Trout Steelhead)/ Walla Walla River
			281	East Birch Creek (Steelhead rearing/spawning)
			289	Upper John Day High Priority Subbasin Enhancement

Species	ESU	H-Sector	Project ID	Project Title
Steelhead	Middle Columbia River	Habitat	290	Upper John Day High Priority Subbasin Enhancement
			291	Upper John Day High Priority Subbasin Enhancement
			292	Middle Fork John Day High Priority Subbasin Enhancement
			293	Middle Fork John Day High Priority Subbasin Enhancement
			294	Middle Fork John Day High Priority Subbasin Enhancement
			307	North Fork John Day High Priority Subbasin Enhancement
			308	North Fork John Day High Priority Subbasin Enhancement
			309	North Fork John Day High Priority Subbasin Enhancement
			Hatchery	119
		120		POST RELEASE SURVIVAL OF FALL CHINOOK IN SNAKE R
		121		YAKIMA/KLICKITAT FISHERIES PROGRAM
		122		YKFP - OPERATIONS AND MAINTENANCE
		Hydro	1	Bonneville Automated Trashracks
			2	The Dalles Surface Bypass Studies
			3	Bonneville 2nd Powerhouse JBS Improvements
			4	Bonneville 1st Powerhouse JBS Improvements
			5	Bonneville 2nd Powerhouse Gatewell Debris Removal
			6	Bonneville 2nd Powerhouse Surface Bypass (corner collector)
			7	Bonneville 1st Powerhouse Surface Bypass (Deep Slot)
			8	Bonneville 1st Powerhouse FGE Improvements
			9	Bonneville 2nd Powerhouse FGE Improvements
			10	Bonneville Juvenile Fish Bypass Studies
			11	Bonneville Flat Plate
			12	Delayed Mortality of Juveniles with Differential Migration Histories
			27	McNary Cylindrical Dewatering Prototype Evaluations

Species	ESU	H-Sector	Project ID	Project Title			
Steelhead	Middle Columbia River	Hydro	28	McNary Juvenile Fish Facility Debris			
			31	McNary Spillway Survival Study			
			32	Dalles Project Survival Study			
			35	McNary Gas Fast Track Deflectors			
			36	John Day Extended Length Screens			
			37	McNary outfall evaluation			
			38	The Dalles Sluice Outfall and Auxiliary Adult Water Supply			
			39	The Dalles Adult Entrance Channel Dewatering Modifications			
			41	Bonneville Adult Fallback			
			42	Bonneville 2nd Powerhouse Adult Fishway Auxiliary Water Supply			
			43	John Day North Shore - Adult Fishway Auxiliary Water Supply			
			44	John Day Salmonid Holding and Jumping Project			
			45	John Day Ladder Temperature Project			
			51	McNary Adult Pit Tag Program			
			57	Adult Lamprey Passage			
			58	Marine mammal predation @Bonneville tailrace			
			72	Bonneville Gas Fast Track			
			73	The Dalles Gas Fast Track			
			74	John Day Spill/Survival Studies			
			75	John Day Surface Bypass/Removable Spillway Weir/Flow Deflectors			
			84	Investigate surface bypass RWSW at McNary Dam & install the unit in multiple spillways as warranted			
			Snake River Basin	Snake River Basin	Habitat	148	Joseph Creek & Grande Ronde River habitat work
						149	IDFG Dworshak Hydroacoustics (Resident fish studies)
						155	Grand Ronde Model Watershed Development
						156	Model Watershed Studies - Lemhi River Basin

Species	ESU	H-Sector	Project ID	Project Title
Steelhead	Snake River Basin	Habitat	157	Life Studies Of Spring Chinook-Grande Ronde River
			159	RED RIVER RESTORATION (LITTLE PONDEROSA RANCH)
			161	Upper Salmon River Anadromous Fish Passage
			163	Idaho Fish Screening Improvement
			164	Idaho Model Watershed Habitat projects
			165	Asotin Cr Habitat -Spring Chinook, Summer Steelhead
			167	Tucannon Stream And Riparian Restoration
			168	PATAHA CREEK STREAM & CROPLAND RESTORATION
			169	Grande Ronde Model Watershed Habitat Projects
			170	Wallowa Basin Project Planning
			174	Salmon River Habitat Enhancement & O&M
			176	Upper Salmon River Diversion Canal Consolidation
			183	PROTECT AND RESTORE LOLO CREEK WATERSHED
			184	Protecting & Restoring Squaw/Papose Creek Watersheds
			185	Restore McComas Meadows
			186	N.E. Oregon Wildlife Project - Helm Tract (NPT)
			187	CTUIR-Grande Ronde Watershed -McIntyre Road/Mccoy Creek
			188	Clearwater Focus Watershed
			190	Wallowa County/Nez Perce Salmon Habitat Recovery Plan
			193	O'Hara Watershed Restoration, Clearwater Basin
			194	Cottonwood Creek Riparian Enhancement -Wallowa Basin
195	Water Quality Monitoring - Grande Ronde Basin			
207	McIntyre Road Relocation - Union County			
209	Grouse Creek Culvert Replacement			
216	Restore Anadromous Fish Habitat - Little Canyon Cr			

Species	ESU	H-Sector	Project ID	Project Title
Steelhead	Snake River Basin	Habitat	217	Restore Anadromous Fish Habitat - Nichols Canyon
			218	Protecting & Restoring Big Canyon Creek Watershed
			219	Rehabilitate Lapwai Creek
			220	Restore Salmon River (Challis area)
			221	PATAHA WATERSHED PROJECT PLANNING & IMPLEMENTATION
			223	Union County Technical Engineering Assistance
			224	Wallowa County Technical Engineering Assistance
			225	Water Temperature Manipulation & Data Sharing Software
			228	Grande Ronde - Union SWCD Channel/Road Restoration
			229	Grande Ronde - Union SWCD Riparian & Upland Restoration
			230	Alpine Meadows Trout Creek Restation
			231	Wallowa County Gauging Station
			232	Hagedorn Rd Relocation/Stream Restoration
			233	Grande Ronde Technical Engineering Assistance
			235	Wallowa County Direct Seeding
			236	Crow Cr Star Thistle Containment & Riparian Enhancement
			240	TRAINING SUPPORT TO NRCS/WILDLAND HYDROLOGY
			244	Wildlife Mitigation Sites Oregon, Wenaha Wildlife Area additions
			245	Wildlife Mitigation Sites Oregon, Ladd Marsh Wildlife Area
			248	Protect N Lochsa Face Analysis Area
			249	Rehabilitate Newsome Creek - Clearwater Basin
			250	Protect And Restore Mill Creek Watershed
			255	Conservation Reserve Incentive
			256	McCoy Cr Alta Cunha Ranches Instream Restoration
			258	Asotin Watershed Grazing Biological Plan

Species	ESU	H-Sector	Project ID	Project Title	
Steelhead	Snake River Basin	Habitat	269	Salmon River Section 206	
			274	Grande Ronde Restoration (Bull Trout, Steelhead, S/S Chinook)/ Grande Ronde River	
			277	Salmon River at Challis, ID (Bull Trout, Steelhead, S/S Chinook, Fall Chinook, Sockeye)/ Salmon R	
			280	Ladd Marsh (Steelhead, S/S Chinook)/ Grande Ronde Ladd Creek	
			283	Lemhi Subbasin High Priority Subbasin Enhancement	
			284	Lemhi Subbasin High Priority Subbasin Enhancement	
			285	Lemhi Subbasin High Priority Subbasin Enhancement	
			301	Upper Salmon High Priority Subbasin Enhancement	
			302	Upper Salmon High Priority Subbasin Enhancement	
			303	Upper Salmon High Priority Subbasin Enhancement	
			304	Middle Fork Clearwater High Priority Subbasin Enhancement	
			305	Middle Fork Clearwater High Priority Subbasin Enhancement	
			306	Middle Fork Clearwater High Priority Subbasin Enhancement	
			325	Little Salmon High Priority Subbasin Enhancement	
			326	Little Salmon High Priority Subbasin Enhancement	
			327	Little Salmon High Priority Subbasin Enhancement	
			Harvest	135	NMFS NET EXCHANGE PROGRAM
			Hatchery	92	Develop HGMPs
				95	Safety Net Program
				97	CAPTIVE BROODSTOCK ARTIFICIAL PROPAGATION
				98	TUCANNON RIVER SPRING CHINOOK CAPTIVE BROODSTOCK
				99	REDFISH LAKE SOCKEYE REARING AND TRAPPING

Species	ESU	H-Sector	Project ID	Project Title
Steelhead	Snake River Basin	Hatchery	100	REDFISH LAKE SOCKEYE BROODSTOCK REARING/RESEARCH
			101	IDAHO CHINOOK SALMON CAPTIVE REARING
			104	NE OREGON HATCHERY MASTER PLAN - NEZ PERCE
			105	NE OREGON OUTPLANTING FACILITIES PLAN - ODFW
			106	PITTSBURG LANDING ACCLIMATION FACILITY - SNAKE R
			108	NEZ PERCE TRIBAL HATCHERY
			109	JOHNSON CREEK ARTIFICIAL PROPAGATION ENHANCEMENT
			111	NEZ PERCE MASTER CONTRACT
			112	GRANDE RONDE SUPPLEMENTATION FACILITIES- O&M - NPT
			113	GRANDE RONDE SUPPLEMENTATION - O&M -CTUIR
			114	GRANDE RONDE CAPTIVE BROOD O&M / M&E
			115	NEZ PERCE TRIBAL HATCHERY CONTRUCTION
		123	NEZ PERCE TRIBAL HATCHERY MONITORING AND EVALUATIO	
		124	ASSESS CHINOOK RESTORATION (SNAKE RIVER BASIN)	
		Hydro	13	Lower Granite Surface Bypass and Collection
			14	Little Goose Extended Submerged Bar Screens
			15	Lower Granite Extended Submerged Bar Screens
			16	Lower Monumental Extended Submerged Bar Screens
			18	Lower Snake River Juvenile Bypass System Improvements
			25	Lower Monumental Juvenile Bypass System Outfall
			26	Little Goose Pit-Tag System Modification
		29	Little Goose Trash Boom	

Species	ESU	H-Sector	Project ID	Project Title
Steelhead	Snake River Basin	Hydro	30	Ice Harbor Spillway Survival Study
			33	Lower Monumental Gas Fast Track Deflectors
			34	Little Goose Gas Fast Track Deflectors
			46	Lower Granite Adult Fishway Auxiliary Water Supply Project
			47	Lower Monumental Adult Fishway Auxiliary Water Supply Project
			48	Little Goose Adult Fishway Auxiliary Water Supply Project
			49	Ice Harbor Adult Fishway Auxiliary Water Supply Project
			54	Fish Ladder Temperature Evaluation
			55	Adult Temperature Evaluation
			56	Adult Fish Transition Pool Evaluations
			60	Adult PIT tag monitoring- Snake River projects
			78	Modify water supply to the Dworshak NFH while maintaining discharges of Dworshak cold water
			85	Investigate surface bypass RWSW at Lower Monumental Dam and install the unit in multiple spillways
			90	COE to investigate TDG abatement at Dworshak Dam and implement options as warranted.
			Upper Columbia River	Habitat
	222	Salmon Creek Enhancement -Chumstick Creek Northroad		
	241	Rock Cr Watshed Assessment /Restoration		
	286	Methow Subbasin High Priority Subbasin Enhancement		
	287	Methow Subbasin High Priority Subbasin Enhancement		
	288	Methow Subbasin High Priority Subbasin Enhancement		
295	Entiat High Priority Subbasin Enhancement			
296	Entiat High Priority Subbasin Enhancement			
297	Entiat High Priority Subbasin Enhancement			

Species	ESU	H-Sector	Project ID	Project Title	
Steelhead	Upper Columbia River	Habitat	310	Wenatchee High Priority Subbasin Enhancement	
			311	Wenatchee High Priority Subbasin Enhancement	
			312	Wenatchee High Priority Subbasin Enhancement	
		Hatchery	92	Develop HGMPs	
			120	POST RELEASE SURVIVAL OF FALL CHINOOK IN SNAKE R	
		Hydro	27	McNary Cylindrical Dewatering Prototype Evaluations	
			28	McNary Juvenile Fish Facility Debris	
			31	McNary Spillway Survival Study	
			35	McNary Gas Fast Track Deflectors	
			36	John Day Extended Length Screens	
			37	McNary outfall evaluation	
			43	John Day North Shore - Adult Fishway Auxiliary Water Supply	
			44	John Day Salmonid Holding and Jumping Project	
			45	John Day Ladder Temperature Project	
			51	McNary Adult Pit Tag Program	
			74	John Day Spill/Survival Studies	
			75	John Day Surface Bypass/Removable Spillway Weir/Flow Deflectors	
			84	Investigate surface bypass RWSW at McNary Dam & install the unit in multiple spillways as warranted	
			Upper Willamette River	Habitat	298
	299				McKenzie High Priority Subbasin Enhancement
	300	McKenzie High Priority Subbasin Enhancement			
	313	Clackamas High Priority Subbasin Enhancement			
	314	Clackamas High Priority Subbasin Enhancement			
315	Clackamas High Priority Subbasin Enhancement				
316	North Fork Santiam High Priority Subbasin Enhancement				

Species	ESU	H-Sector	Project ID	Project Title
Steelhead	Upper Willamette River	Habitat	317	North Fork Santiam High Priority Subbasin Enhancement
			318	North Fork Santiam High Priority Subbasin Enhancement
			328	Lower-Willamette-Clackamas High Priority Subbasin Enhancement
			329	Lower-Willamette-Clackamas High Priority Subbasin Enhancement
			330	Lower-Willamette-Clackamas High Priority Subbasin Enhancement