

Table 3: List of Habitat Projects

Strategy	Substrategy	RPA Action Num	Project ID Number	Project Title	Lead Agency	02 Work Expectation
Improve Mainstem Habitat	Mainstem Aquatic Habitat	155	1458	Salmon Spawning Below Lower Columbia Dams-ODFW	BPA	Study of chinook and chum spawning below Bonneville
Improve Mainstem Habitat	Mainstem Aquatic Habitat	163		Fund a study of the feasibility, biological benefits and ecological risks of habitat modification to improve spawning conditions for chum and chinook salmon in the Ives Island area	BPA	
Improve Mainstem Habitat	Mainstem Aquatic Habitat	157	1458	Salmon Spawning Below Lower Columbia Dams-ODFW	BPA	Study of chinook and chum spawning below Bonneville
Improve Mainstem Habitat	Mainstem Aquatic Habitat	157	1554	Eval Factors Limiting Col R Chum Salmon Population	BPA	Factors limiting chum salmon in Hamilton & Hardy Creeks
Improve Mainstem Habitat	Mainstem Aquatic Habitat	157	1554	Eval Factors Limiting Col R Chum Salmon Population	BPA	Hamilton & Hardy Creeks enhanced for chum salmon
Improve Mainstem Habitat	Mainstem Aquatic Habitat	157	1554	Eval Factors Limiting Col R Chum Salmon Population	BPA	Relationship between ainstem Columbia River and tributary chum salmon populations
Improve Mainstem Habitat	Mainstem Aquatic Habitat	157	1764	Reintro of Columbia R Chum Salmon in Duncan Creek	BPA	Enhanced chum spawning area
Improve Mainstem Habitat	Mainstem Aquatic Habitat	157	1764	Reintro of Columbia R Chum Salmon in Duncan Creek	BPA	M & E of spawning area
Improve Mainstem Habitat	Mainstem Riparian Conditions	155	1458	Salmon Spawning Below Lower Columbia Dams-ODFW	BPA	Study of chinook and chum spawning below Bonneville
Improve Mainstem Habitat	Mainstem Riparian Conditions	157	1458	Salmon Spawning Below Lower Columbia Dams-ODFW	BPA	Study of chinook and chum spawning below Bonneville
Improve Mainstem Habitat	Mainstem Riparian Conditions	157	1554	Eval Factors Limiting Col R Chum Salmon Population	BPA	Hamilton & Hardy Creeks enhanced for chum salmon
Improve Mainstem Habitat	Mainstem Riparian Conditions	157	1554	Eval Factors Limiting Col R Chum Salmon Population	BPA	Relationship between ainstem Columbia River and tributary chum salmon populations
Improve Mainstem Habitat	Mainstem Riparian Conditions	157	1554	Eval Factors Limiting Col R Chum Salmon Population	BPA	Factors limiting chum salmon in Hamilton & Hardy Creeks
Improve Mainstem Habitat	Mainstem Riparian Conditions	157	1764	Reintro of Columbia R Chum Salmon in Duncan Creek	BPA	Enhanced chum spawning area
Improve Mainstem Habitat	Mainstem Riparian Conditions	157	1764	Reintro of Columbia R Chum Salmon in Duncan Creek	BPA	M & E of spawning area
Improve Mainstem Habitat	Planning and Assessment	155	1458	Salmon Spawning Below Lower Columbia Dams-ODFW	BPA	Study of chinook and chum spawning below Bonneville
Improve Mainstem Habitat	Planning and Assessment	157	1458	Salmon Spawning Below Lower Columbia Dams-ODFW	BPA	Study of chinook and chum spawning below Bonneville
Improve Mainstem Habitat	Planning and Assessment	157	1554	Eval Factors Limiting Col R Chum Salmon Population	BPA	Factors limiting chum salmon in Hamilton & Hardy Creeks
Improve Mainstem Habitat	Planning and Assessment	157	1554	Eval Factors Limiting Col R Chum Salmon Population	BPA	Hamilton & Hardy Creeks enhanced for chum salmon
Improve Mainstem Habitat	Planning and Assessment	157	1554	Eval Factors Limiting Col R Chum Salmon Population	BPA	Relationship between ainstem Columbia River and tributary chum salmon populations
Improve Mainstem Habitat	Planning and Assessment	157	1764	Reintro of Columbia R Chum Salmon in Duncan Creek	BPA	Enhanced chum spawning area

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Improve Mainstem Habitat	Planning and Assessment	157	1764	Reintro of Columbia R Chum Salmon in Duncan Creek	BPA	M & E of spawning area
Improve Mainstem Habitat	Subbasin planning and assessment	149	<i>unassigned</i>	Pasco, WA, Section 1135	COE	Complete study, begin construction
Improve Mainstem Habitat	Subbasin planning and assessment	154	<i>unassigned</i>	Pasco, WA, Section 1135	COE	Complete study, begin construction
Protect & Enhance Estuary Habitat	Estuary Water Quality	160	<i>unassigned</i>	Brownsmead, Clatsop County OR, Section 1135	COE	Begin construction.
Protect & Enhance Estuary Habitat	Estuary Watershed Health	158	<i>unassigned</i>	Research: Salmonid survival research using acoustic tags	COE	Second year research complete
Protect & Enhance Estuary Habitat	Estuary Watershed Health	158	<i>unassigned</i>	Research: Estuarine Habitat and Juvenile Salmon Research	COE	Second year research complete
Protect & Enhance Estuary Habitat	Estuary Watershed Health	158	<i>unassigned</i>	Research: Evaluation of relationship of time of ocean entry, physical, and biological characteristics of the estuary and plume environment and adult return rates.	COE	Release tagged fish in Spring '02
Protect & Enhance Estuary Habitat	Estuary Watershed Health	159	<i>unassigned</i>	General Investigation: Columbia River mile 0 to 145	COE	Complete reconnaissance phase; begin feasibility phase.
Protect & Enhance Estuary Habitat	Estuary Watershed Health	160	<i>unassigned</i>	General Investigation: Columbia River mile 0 to 145	COE	Complete reconnaissance phase; begin feasibility phase.
Protect & Enhance Estuary Habitat	Estuary Watershed Health	160	<i>unassigned</i>	SW Washington Streams	COE	Reconnaissance study
Protect & Enhance Estuary Habitat	Estuary Watershed Health	160	<i>unassigned</i>	Skipanon River, Warrenton OR Section 206	COE	Begin construction
Protect & Enhance Estuary Habitat	Estuary Watershed Health	160	<i>unassigned</i>	Brownsmead, Clatsop County OR, Section 1135	COE	Begin construction.
Protect & Enhance Estuary Habitat	Estuary Watershed Health	161	<i>unassigned</i>	Research: Salmonid survival research using acoustic tags	COE	Second year research complete
Protect & Enhance Estuary Habitat	Estuary Watershed Health	161	<i>unassigned</i>	Research: Estuarine Habitat and Juvenile Salmon Research	COE	Second year research complete
Protect & Enhance Estuary Habitat	Estuary Watershed Health	161	<i>unassigned</i>	Research: Evaluation of relationship of time of ocean entry, physical, and biological characteristics of the estuary and plume environment and adult return rates.	COE	Release tagged fish in Spring '02
Protect & Enhance Estuary Habitat	Estuary Watershed Health	161	<i>unassigned</i>	Estuary research - acoustic tags, continental shelf (KinTama, David Welch).	BPA	Complete feasibility study
Protect & Enhance Estuary Habitat	Estuary Watershed Health	161	<i>unassigned</i>	Estuary research - tracking fish up the continental shelf	BPA	Second year research complete
Protect & Enhance Estuary Habitat	Tributary Water Quality		<i>unassigned</i>	Columbia River Estuary Demonstration Projects	COE	Identify projects for 02; begin study/construction
Protect & Enhance Estuary Habitat	Tributary Watershed Health		<i>unassigned</i>	Columbia River Estuary Demonstration Projects	COE	Identify projects for 02; begin study/construction
Protect & Enhance Tributary Habitat	Tributary Passage	149	<i>unassigned</i>	Lemhi Subbasin High Priority Subbasin Enhancement	USBR	Provide technical assistance for projects identified in 01; continue programmatic NEPA and hydrologic studies; identify new projects; coordinate with local groups.

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Protect & Enhance Tributary Habitat	Tribuary Passage	149	<i>unassigned</i>	Methow Subbasin High Priority Subbasin Enhancement	USBR	Provide technical assistance for projects identified in 01; continue programmatic NEPA and hydrologic studies; identify new projects; coordinate with local groups.
Protect & Enhance Tributary Habitat	Tribuary Passage	149	<i>unassigned</i>	Upper John Day High Priority Subbasin Enhancement	USBR	Provide technical assistance for projects identified in 01; continue programmatic NEPA and hydrologic studies; identify new projects; coordinate with local groups.
Protect & Enhance Tributary Habitat	Tribuary Passage	149	<i>unassigned</i>	Middle Fork John Day High Priority Subbasin Enhancement	USBR	Provide technical assistance for projects identified in 01; continue programmatic NEPA and hydrologic studies; identify new projects; coordinate with local groups.
Protect & Enhance Tributary Habitat	Tribuary Passage	149	<i>unassigned</i>	McKenzie High Priority Subbasin Enhancement	USBR	Initiate workload evaluation effort, programmatic NEPA. Identify projects for early implementation or FY03. Establish liaison offices.
Protect & Enhance Tributary Habitat	Tribuary Passage	149	<i>unassigned</i>	Upper Salmon High Priority Subbasin Enhancement	USBR	Initiate workload evaluation effort, programmatic NEPA. Identify projects for early implementation or FY03. Establish liaison offices.
Protect & Enhance Tributary Habitat	Tribuary Passage	149	<i>unassigned</i>	Wenatchee High Priority Subbasin Enhancement	USBR	Initiate workload evaluation effort, programmatic NEPA. Identify projects for early implementation or FY03. Establish liaison offices.
Protect & Enhance Tributary Habitat	Tribuary Passage	149	133	Mainstem & Middle Fork John Day Habitat Work	BPA	Riparian fencing on Middle Fk and mainstem John Day River tributaries.
Protect & Enhance Tributary Habitat	Tribuary Passage	149	133	Mainstem & Middle Fork John Day Habitat Work	BPA	Riparian planting on Middle Fk and mainstem John Day River tributaries.
Protect & Enhance Tributary Habitat	Tribuary Passage	149	133	Mainstem & Middle Fork John Day Habitat Work	BPA	Instream work on Middle Fk and mainstem John Day River tributaries.
Protect & Enhance Tributary Habitat	Tribuary Passage	149	286	Umatilla Habitat Improvement / CTUIR	BPA	Anadromous habitat enhancement for Meacham Cr
Protect & Enhance Tributary Habitat	Tribuary Passage	149	709	Model Watershed Studies - Lemhi River Basin	BPA	Watershed restoration in Lemhi River Basin, Pahsimeroi River basin and East Fork Salmon River basin
Protect & Enhance Tributary Habitat	Tribuary Passage	149	850	Upper Salmon River Anadromous Fish Passage	BPA	Habitat enhancement and passage restoration through fishways, diversion headgates, improved water distribution, and acquired instream flow
Protect & Enhance Tributary Habitat	Tribuary Passage	149	850	Upper Salmon River Anadromous Fish Passage	BPA	Diversion headgates, improved water distribution, and acquired instream flow
Protect & Enhance Tributary Habitat	Tribuary Passage	149	850	Upper Salmon River Anadromous Fish Passage	BPA	Fishways
Protect & Enhance Tributary Habitat	Tribuary Passage	149	852	Oregon Fish Screens Project	BPA	DeNiel fish passage structures in Trout Cr

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Protect & Enhance Tributary Habitat	Tribuary Passage	149	852	Oregon Fish Screens Project	BPA	La Grande fish screen shop
Protect & Enhance Tributary Habitat	Tribuary Passage	149	852	Oregon Fish Screens Project	BPA	Fabricate & install fish screens in John Day, Umatilla, & Walla Walla Basins
Protect & Enhance Tributary Habitat	Tribuary Passage	149	852	Oregon Fish Screens Project	BPA	John Day fish screen shop
Protect & Enhance Tributary Habitat	Tribuary Passage	149	886	Idaho Fish Screening Improvement	BPA	Consolidate and screen diversions
Protect & Enhance Tributary Habitat	Tribuary Passage	149	888	Idaho Model Watershed Habitat Projects	BPA	Riparian fencing
Protect & Enhance Tributary Habitat	Tribuary Passage	149	888	Idaho Model Watershed Habitat Projects	BPA	Riparian planting
Protect & Enhance Tributary Habitat	Tribuary Passage	149	888	Idaho Model Watershed Habitat Projects	BPA	Resource Management System plans
Protect & Enhance Tributary Habitat	Tribuary Passage	149	888	Idaho Model Watershed Habitat Projects	BPA	Controlling livestock grazing
Protect & Enhance Tributary Habitat	Tribuary Passage	149	888	Idaho Model Watershed Habitat Projects	BPA	Instream structures
Protect & Enhance Tributary Habitat	Tribuary Passage	149	1095	Juvenile & Adult Passage- Walla Walla Basin	BPA	Screen/trap facilities
Protect & Enhance Tributary Habitat	Tribuary Passage	149	1101	Walla Walla Basin Anadromous Fish Passage	BPA	Adult passage at irrigation diversion dams
Protect & Enhance Tributary Habitat	Tribuary Passage	149	1141	Methow River Valley Irrigation District - YN	BPA	Pressurized irrigation system
Protect & Enhance Tributary Habitat	Tribuary Passage	149	1141	Methow River Valley Irrigation District - YN	BPA	Increased instream flow
Protect & Enhance Tributary Habitat	Tribuary Passage	149	1401	Gravel Push-Up Dam Removal Lower N FK John Day R	BPA	Pushup dams replaced
Protect & Enhance Tributary Habitat	Tribuary Passage	149	1401	Gravel Push-Up Dam Removal Lower N FK John Day R	BPA	Monitoring of results
Protect & Enhance Tributary Habitat	Tribuary Passage	149	1401	Gravel Push-Up Dam Removal Lower N FK John Day R	BPA	Pumping stations established
Protect & Enhance Tributary Habitat	Tribuary Passage	149	1402	Irrigation & Riparian Improvements - John Day R	BPA	Alternative irrigation sources / techniques
Protect & Enhance Tributary Habitat	Tribuary Passage	149	1402	Irrigation & Riparian Improvements - John Day R	BPA	Push-up dams eliminated
Protect & Enhance Tributary Habitat	Tribuary Passage	149	1402	Irrigation & Riparian Improvements - John Day R	BPA	Permanent intake structures
Protect & Enhance Tributary Habitat	Tribuary Passage	149	1408	Assess Salmonid Habitat Walla Walla Watershed - WA	BPA	Assesment of conditions and populations
Protect & Enhance Tributary Habitat	Tribuary Passage	149	1478	Restore Salmon River - Challis Area	BPA	Restored fish habitat
Protect & Enhance Tributary Habitat	Tribuary Passage	149	1497	Salmon Creek Instream Flow & Habitat Survey	BPA	Hydrologic model for the drainage
Protect & Enhance Tributary Habitat	Tribuary Passage	149	1497	Salmon Creek Instream Flow & Habitat Survey	BPA	Fishery and water resources documented
Protect & Enhance Tributary Habitat	Tribuary Passage	149	1575	Walla Walla River Fish Passage Operations	BPA	Effectively utilizing trtransport equipment

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Protect & Enhance Tributary Habitat	Tribuary Passage	149	1575	Walla Walla River Fish Passage Operations	BPA	Trapping facilities
Protect & Enhance Tributary Habitat	Tribuary Passage	149	1575	Walla Walla River Fish Passage Operations	BPA	Passage facilities
Protect & Enhance Tributary Habitat	Tribuary Passage	149	1734	Fifteen Mile Subbasin Water Right Acquisition	BPA	Acquired water rights
Protect & Enhance Tributary Habitat	Tribuary Passage	149	1735	Salmon and Steelhead Exertion Study	BPA	Location of difficult fish passage sites
Protect & Enhance Tributary Habitat	Tribuary Passage	149	1749	Gourley Creek Dam Fish Ladder	BPA	Eliminated fish passage barrier
Protect & Enhance Tributary Habitat	Tribuary Passage	149	1750	Protect ESA Fish With Screens in Walla Walla Basin	BPA	Fish screens for 197 Walla Walla Basin irrigation diversions.
Protect & Enhance Tributary Habitat	Tribuary Passage	149	1753	Farmers Irr Dist Mainstem Hood River Fish Screen	BPA	New horizontal fixed plate screen
Protect & Enhance Tributary Habitat	Tribuary Passage	149	1762	Reconnect Little Morgan Creek to Pahsimeroi River	BPA	14.3 miles of historical anadromous habitat restored
Protect & Enhance Tributary Habitat	Tribuary Passage	149	1762	Reconnect Little Morgan Creek to Pahsimeroi River	BPA	Little Morgan Creek reconnected with Pahsimeroi River
Protect & Enhance Tributary Habitat	Tribuary Passage	149	1763	Restoration of Anadromous Fish Access to Hawley Cr	BPA	Hawley Creek reconnected to the Lemhi River
Protect & Enhance Tributary Habitat	Tribuary Passage	149	1763	Restoration of Anadromous Fish Access to Hawley Cr	BPA	Improve irrigation methods
Protect & Enhance Tributary Habitat	Tribuary Passage	149	1763	Restoration of Anadromous Fish Access to Hawley Cr	BPA	Restored riparian habitat
Protect & Enhance Tributary Habitat	Tribuary Passage	149	1763	Restoration of Anadromous Fish Access to Hawley Cr	BPA	Reduced water temperatures
Protect & Enhance Tributary Habitat	Tribuary Passage	149	1765	Supplemental Flows in Buck Hollow	BPA	Supplemented stream flow (1-1.5 cfs)
Protect & Enhance Tributary Habitat	Tribuary Passage	149	1765	Supplemental Flows in Buck Hollow	BPA	headwater irrigation well
Protect & Enhance Tributary Habitat	Tribuary Passage	149	1768	Trout Creek Streamflow Enhancement	BPA	Fish passage barriers removed
Protect & Enhance Tributary Habitat	Tribuary Passage	149	1768	Trout Creek Streamflow Enhancement	BPA	Safer culverts
Protect & Enhance Tributary Habitat	Tribuary Passage	149	1770	Badger Creek Culvert Replacement	BPA	Box culvert eliminating fish passage barrier
Protect & Enhance Tributary Habitat	Tribuary Passage	149	1774	Touchet River Stream Flow Enhancement	BPA	Increased stream flows
Protect & Enhance Tributary Habitat	Tribuary Passage	149	1774	Touchet River Stream Flow Enhancement	BPA	Acquired water rights
Protect & Enhance Tributary Habitat	Tribuary Passage	149	1775	Lostine River Streamflow Enhancement	BPA	Acquired water rights
Protect & Enhance Tributary Habitat	Tribuary Passage	149	1775	Lostine River Streamflow Enhancement	BPA	Increased stream flows
Protect & Enhance Tributary Habitat	Tribuary Passage	149	1776	Methow River Basin Screening	BPA	new fish screens constructed
Protect & Enhance Tributary Habitat	Tribuary Passage	149	1776	Methow River Basin Screening	BPA	Fish screen facilities upgrades

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Protect & Enhance Tributary Habitat	Tribuary Passage	149	1777	Simcoe Creek Streamflow Enhancement	BPA	Canal screens
Protect & Enhance Tributary Habitat	Tribuary Passage	149	1777	Simcoe Creek Streamflow Enhancement	BPA	Ladders at two diversion dams
Protect & Enhance Tributary Habitat	Tribuary Passage	149	1777	Simcoe Creek Streamflow Enhancement	BPA	Off site water facilities
Protect & Enhance Tributary Habitat	Tribuary Passage	149	1778	Hancock Springs Passage & Habitat Restoration	BPA	Access to spring fed channel
Protect & Enhance Tributary Habitat	Tribuary Passage	150	133	Mainstem & Middle Fork John Day Habitat Work	BPA	Riparian planting on Middle Fk and mainstem John Day River tributaries.
Protect & Enhance Tributary Habitat	Tribuary Passage	150	133	Mainstem & Middle Fork John Day Habitat Work	BPA	Riparian fencing on Middle Fk and mainstem John Day River tributaries.
Protect & Enhance Tributary Habitat	Tribuary Passage	150	133	Mainstem & Middle Fork John Day Habitat Work	BPA	Instream work on Middle Fk and mainstem John Day River tributaries.
Protect & Enhance Tributary Habitat	Tribuary Passage	150	137	Joseph Creek & Grande Ronde River Habitat Work	BPA	Riparian fencing on Joseph Creek drainage and upper Grande Ronde R.
Protect & Enhance Tributary Habitat	Tribuary Passage	150	137	Joseph Creek & Grande Ronde River Habitat Work	BPA	Instream work on Joseph Creek drainage and upper Grande Ronde R.
Protect & Enhance Tributary Habitat	Tribuary Passage	150	286	Umatilla Habitat Improvement / CTUIR	BPA	Anadromous habitat enhancement for Meacham Cr
Protect & Enhance Tributary Habitat	Tribuary Passage	150	287	Umatilla Fish Habitat Improvement / ODFW	BPA	Riparian fencing E & W Birch Creeks, Meacham Cr & North Fk of Meacham Cr
Protect & Enhance Tributary Habitat	Tribuary Passage	150	287	Umatilla Fish Habitat Improvement / ODFW	BPA	Instream structures: E & W Birch Creeks, Meacham Cr & North Fk of Meacham Cr
Protect & Enhance Tributary Habitat	Tribuary Passage	150	752	Lower Yakima Valley Riparian/Wetlands - Phase I	BPA	Protecting and enhancing riparian and wetland habitat in the Yakama Reservation.
Protect & Enhance Tributary Habitat	Tribuary Passage	150	825	Fifteenmile Creek Habitat Improvement	BPA	Bank stabilization work in the Fifteenmile Creek Basin
Protect & Enhance Tributary Habitat	Tribuary Passage	150	825	Fifteenmile Creek Habitat Improvement	BPA	Riparian fencing in the Fifteenmile Creek Basin
Protect & Enhance Tributary Habitat	Tribuary Passage	150	888	Idaho Model Watershed Habitat Projects	BPA	Instream structures
Protect & Enhance Tributary Habitat	Tribuary Passage	150	888	Idaho Model Watershed Habitat Projects	BPA	Riparian fencing
Protect & Enhance Tributary Habitat	Tribuary Passage	150	888	Idaho Model Watershed Habitat Projects	BPA	Controlling livestock grazing
Protect & Enhance Tributary Habitat	Tribuary Passage	150	888	Idaho Model Watershed Habitat Projects	BPA	Riparian planting
Protect & Enhance Tributary Habitat	Tribuary Passage	150	888	Idaho Model Watershed Habitat Projects	BPA	Resource Management System plans
Protect & Enhance Tributary Habitat	Tribuary Passage	150	898	Tucannon Stream & Riparian Restoration	BPA	Tucannon riparian planting
Protect & Enhance Tributary Habitat	Tribuary Passage	150	898	Tucannon Stream & Riparian Restoration	BPA	Tucannon pool development

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Protect & Enhance Tributary Habitat	Tribuary Passage	150	898	Tucannon Stream & Riparian Restoration	BPA	Tucannon stream bank stabilization
Protect & Enhance Tributary Habitat	Tribuary Passage	150	899	Pataha Creek Stream & Cropland Restoration	BPA	Reduced sediment delivery
Protect & Enhance Tributary Habitat	Tribuary Passage	150	899	Pataha Creek Stream & Cropland Restoration	BPA	Off site watering.
Protect & Enhance Tributary Habitat	Tribuary Passage	150	899	Pataha Creek Stream & Cropland Restoration	BPA	Riparian fencing
Protect & Enhance Tributary Habitat	Tribuary Passage	150	899	Pataha Creek Stream & Cropland Restoration	BPA	Riparian vegetation management
Protect & Enhance Tributary Habitat	Tribuary Passage	150	929	Trout Creek Operation & Maintenance	BPA	O & M of habitat improvements
Protect & Enhance Tributary Habitat	Tribuary Passage	150	929	Trout Creek Operation & Maintenance	BPA	M & E of habitat improvements / smolt production
Protect & Enhance Tributary Habitat	Tribuary Passage	150	937	Salmon River Habitat Enhancement and O&M	BPA	O & M of habitat improvements
Protect & Enhance Tributary Habitat	Tribuary Passage	150	937	Salmon River Habitat Enhancement and O&M	BPA	M & E of habitat improvements
Protect & Enhance Tributary Habitat	Tribuary Passage	150	1034	Squaw Creek Watershed Wildlife Project	BPA	Purchased land
Protect & Enhance Tributary Habitat	Tribuary Passage	150	1034	Squaw Creek Watershed Wildlife Project	BPA	Implemented management plan
Protect & Enhance Tributary Habitat	Tribuary Passage	150	1089	Upper Salmon River Diversion Consolidation Program	BPA	Consolidate diversions and screen
Protect & Enhance Tributary Habitat	Tribuary Passage	150	1141	Methow River Valley Irrigation District - YN	BPA	Pressurized irrigation system
Protect & Enhance Tributary Habitat	Tribuary Passage	150	1141	Methow River Valley Irrigation District - YN	BPA	Increased instream flow
Protect & Enhance Tributary Habitat	Tribuary Passage	150	1143	Yakima Watershed Restoration - Satus Creek - YIN	BPA	Improved fish habitat
Protect & Enhance Tributary Habitat	Tribuary Passage	150	1163	Walla Walla River Basin Fish Habitat Enhancement	BPA	Noxious weed control
Protect & Enhance Tributary Habitat	Tribuary Passage	150	1163	Walla Walla River Basin Fish Habitat Enhancement	BPA	Stabilized banks
Protect & Enhance Tributary Habitat	Tribuary Passage	150	1163	Walla Walla River Basin Fish Habitat Enhancement	BPA	Riparian fencing
Protect & Enhance Tributary Habitat	Tribuary Passage	150	1205	Nez Perce NE Oregon Wildlife Project: Helm Tract	BPA	Helm Tract additions
Protect & Enhance Tributary Habitat	Tribuary Passage	150	1208	Grande Ronde Watershed Restoration - CTUIR	BPA	Enhanced water quality
Protect & Enhance Tributary Habitat	Tribuary Passage	150	1208	Grande Ronde Watershed Restoration - CTUIR	BPA	Enhanced water quantity
Protect & Enhance Tributary Habitat	Tribuary Passage	150	1208	Grande Ronde Watershed Restoration - CTUIR	BPA	Enhanced riparian habitat
Protect & Enhance Tributary Habitat	Tribuary Passage	150	1208	Grande Ronde Watershed Restoration - CTUIR	BPA	Enhanced instream habitat
Protect & Enhance Tributary Habitat	Tribuary Passage	150	1263	Wallowa County/Nez Perce Salmon Habitat Recovery	BPA	Monitoring of the Salmon Habitat Recovery Plan

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Protect & Enhance Tributary Habitat	Tribuary Passage	150	1263	Wallowa County/Nez Perce Salmon Habitat Recovery	BPA	Implementation of the Salmon Habitat Recovery Plan
Protect & Enhance Tributary Habitat	Tribuary Passage	150	1358	Cottonwood Creek Riparian Enhancement/Wallowa	BPA	Eroded road restored
Protect & Enhance Tributary Habitat	Tribuary Passage	150	1358	Cottonwood Creek Riparian Enhancement/Wallowa	BPA	Cut banks armored
Protect & Enhance Tributary Habitat	Tribuary Passage	150	1358	Cottonwood Creek Riparian Enhancement/Wallowa	BPA	Bridges repaired
Protect & Enhance Tributary Habitat	Tribuary Passage	150	1358	Cottonwood Creek Riparian Enhancement/Wallowa	BPA	Road removed from riparian zone where possible
Protect & Enhance Tributary Habitat	Tribuary Passage	150	1361	Water Quality Monitoring for Grande Ronde Basin	BPA	Reports of conditions and trends
Protect & Enhance Tributary Habitat	Tribuary Passage	150	1361	Water Quality Monitoring for Grande Ronde Basin	BPA	Expanded monitoring program
Protect & Enhance Tributary Habitat	Tribuary Passage	150	1361	Water Quality Monitoring for Grande Ronde Basin	BPA	Coordinated monitoring
Protect & Enhance Tributary Habitat	Tribuary Passage	150	1409	Hood River Fish Habitat	BPA	Riparian fencing
Protect & Enhance Tributary Habitat	Tribuary Passage	150	1409	Hood River Fish Habitat	BPA	Alternative irrigation water source developed
Protect & Enhance Tributary Habitat	Tribuary Passage	150	1409	Hood River Fish Habitat	BPA	Problems resolved at diversions
Protect & Enhance Tributary Habitat	Tribuary Passage	150	1409	Hood River Fish Habitat	BPA	Rip rap stream banks
Protect & Enhance Tributary Habitat	Tribuary Passage	150	1411	Acquisition of Pine Creek Ranch	BPA	Pine Creek Ranch
Protect & Enhance Tributary Habitat	Tribuary Passage	150	1442	Mcintyre Road Relocation - Union County	BPA	Obliterated road
Protect & Enhance Tributary Habitat	Tribuary Passage	150	1442	Mcintyre Road Relocation - Union County	BPA	Reconstructed county road
Protect & Enhance Tributary Habitat	Tribuary Passage	150	1444	Grouse Creek Culvert Replacement	BPA	Grouse Creek multi-plate arch culvert
Protect & Enhance Tributary Habitat	Tribuary Passage	150	1444	Grouse Creek Culvert Replacement	BPA	Road raised and alignment improved
Protect & Enhance Tributary Habitat	Tribuary Passage	150	1465	Bakeoven Riparian Assessment	BPA	Fencing
Protect & Enhance Tributary Habitat	Tribuary Passage	150	1465	Bakeoven Riparian Assessment	BPA	Watershed monitoring plan
Protect & Enhance Tributary Habitat	Tribuary Passage	150	1465	Bakeoven Riparian Assessment	BPA	Off-site water developments
Protect & Enhance Tributary Habitat	Tribuary Passage	150	1465	Bakeoven Riparian Assessment	BPA	Assessment of Bakeoven watershed conditions
Protect & Enhance Tributary Habitat	Tribuary Passage	150	1465	Bakeoven Riparian Assessment	BPA	Revegetation
Protect & Enhance Tributary Habitat	Tribuary Passage	150	1465	Bakeoven Riparian Assessment	BPA	Watershed restoration plan
Protect & Enhance Tributary Habitat	Tribuary Passage	150	1503	Union County Technical Engineering Assistance	BPA	Technical support

Table 3: List of Habitat Projects

Strategy	Substrategy	RPA Action Num	Project ID Number	Project Title	Lead Agency	02 Work Expectation
Protect & Enhance Tributary Habitat	Tribuary Passage	150	1504	Wallowa County Technical Engineering Assistance	BPA	Water Temperature Software Project
Protect & Enhance Tributary Habitat	Tribuary Passage	150	1505	Water Temp Manipulation & Data Sharing Software	BPA	Public domain software program for water temperature data collection and analysis
Protect & Enhance Tributary Habitat	Tribuary Passage	150	1521	Grande Ronde - Union SWCD Chan, Rd & Passage Rest	BPA	Phillips Creek bridge,
Protect & Enhance Tributary Habitat	Tribuary Passage	150	1521	Grande Ronde - Union SWCD Chan, Rd & Passage Rest	BPA	Mill Creek / Caldwell diversion dam passage improvement
Protect & Enhance Tributary Habitat	Tribuary Passage	150	1521	Grande Ronde - Union SWCD Chan, Rd & Passage Rest	BPA	Grande Ronde bank work
Protect & Enhance Tributary Habitat	Tribuary Passage	150	1521	Grande Ronde - Union SWCD Chan, Rd & Passage Rest	BPA	Smutz Draw road relocation
Protect & Enhance Tributary Habitat	Tribuary Passage	150	1522	Grande Ronde - Union SWCD Riparian, Upland Rest	BPA	Ladd Creek riparian fence
Protect & Enhance Tributary Habitat	Tribuary Passage	150	1522	Grande Ronde - Union SWCD Riparian, Upland Rest	BPA	Soil aerator
Protect & Enhance Tributary Habitat	Tribuary Passage	150	1522	Grande Ronde - Union SWCD Riparian, Upland Rest	BPA	Cattle watering troughs
Protect & Enhance Tributary Habitat	Tribuary Passage	150	1524	Alpine Meadows - Trout Creek Restoration	BPA	Eroding Trout Creek channel stabilized
Protect & Enhance Tributary Habitat	Tribuary Passage	150	1530	Wallowa County Gauging Stations	BPA	Maintain seven stream gages
Protect & Enhance Tributary Habitat	Tribuary Passage	150	1531	Hagedorn Road Relocation/Stream Restoration	BPA	Old Hagedorn Road obliterated
Protect & Enhance Tributary Habitat	Tribuary Passage	150	1531	Hagedorn Road Relocation/Stream Restoration	BPA	Hagedorn Road relocated
Protect & Enhance Tributary Habitat	Tribuary Passage	150	1533	Grande Ronde Basin Tech Engineering Assistance	BPA	Technical support
Protect & Enhance Tributary Habitat	Tribuary Passage	150	1537	Wallowa County Direct Seeding	BPA	No-till agriculture demonstration
Protect & Enhance Tributary Habitat	Tribuary Passage	150	1538	Crow Cr Star Thistle Containment & Riparian Enhanc	BPA	Noxious weed control
Protect & Enhance Tributary Habitat	Tribuary Passage	150	1538	Crow Cr Star Thistle Containment & Riparian Enhanc	BPA	Spalding catchfly protected
Protect & Enhance Tributary Habitat	Tribuary Passage	150	1557	Acquire Oxbow Ranch Middle Fork John Day River	BPA	Oxbow Ranch
Protect & Enhance Tributary Habitat	Tribuary Passage	150	1562	WLMitigation Sites Oregon, Wenaha WMA Additions	BPA	Enhanced Wenaha WMA
Protect & Enhance Tributary Habitat	Tribuary Passage	150	1562	WLMitigation Sites Oregon, Wenaha WMA Additions	BPA	Land acquisition or easement
Protect & Enhance Tributary Habitat	Tribuary Passage	150	1563	WL Mitigation Sites Oregon, Ladd Marsh Additions	BPA	Enhanced additions to Ladd Marsh WMA
Protect & Enhance Tributary Habitat	Tribuary Passage	150	1563	WL Mitigation Sites Oregon, Ladd Marsh Additions	BPA	Ladd Marsh WMA additions
Protect & Enhance Tributary Habitat	Tribuary Passage	150	1573	Enhance North Fork John Day River Subbasin - CTUIR	BPA	Enhanced properties

Table 3: List of Habitat Projects

Strategy	Substrategy	RPA Action Num	Project ID Number	Project Title	Lead Agency	02 Work Expectation
Protect & Enhance Tributary Habitat	Tribuary Passage	150	1573	Enhance North Fork John Day River Subbasin - CTUIR	BPA	Watershed plan
Protect & Enhance Tributary Habitat	Tribuary Passage	150	1573	Enhance North Fork John Day River Subbasin - CTUIR	BPA	Monitored projects
Protect & Enhance Tributary Habitat	Tribuary Passage	150	1607	Conservation Reserve Enhancement Program Incentive	BPA	Riparian protective strips along streams
Protect & Enhance Tributary Habitat	Tribuary Passage	150	1609	Mccoey Cr Alta Cunha Ranches Instream Restoration	BPA	Large woody debris in stream
Protect & Enhance Tributary Habitat	Tribuary Passage	150	1609	Mccoey Cr Alta Cunha Ranches Instream Restoration	BPA	McCoy Creek pasture fences
Protect & Enhance Tributary Habitat	Tribuary Passage	150	1609	Mccoey Cr Alta Cunha Ranches Instream Restoration	BPA	Obliterated 3000 feet of abandoned railroad grade
Protect & Enhance Tributary Habitat	Tribuary Passage	150	1609	Mccoey Cr Alta Cunha Ranches Instream Restoration	BPA	Replanted riparian zone
Protect & Enhance Tributary Habitat	Tribuary Passage	150	1609	Mccoey Cr Alta Cunha Ranches Instream Restoration	BPA	Pasture rest
Protect & Enhance Tributary Habitat	Tribuary Passage	150	1623	Asotin Watershed Grazing Biological Plan	BPA	Weed control
Protect & Enhance Tributary Habitat	Tribuary Passage	150	1624	Rainwater Wildlife O & M	BPA	M & E for Rainwater Wildlife Area
Protect & Enhance Tributary Habitat	Tribuary Passage	150	1731	Fifteen Mile Creek Riparian Fencing/Stream Survey	BPA	Physical evaluation of streams
Protect & Enhance Tributary Habitat	Tribuary Passage	150	1731	Fifteen Mile Creek Riparian Fencing/Stream Survey	BPA	Riparian fencing
Protect & Enhance Tributary Habitat	Tribuary Passage	150	1746	Protect Bear Valley Wild Salmon Spawning Habitat	BPA	Closed Grazing allotment
Protect & Enhance Tributary Habitat	Tribuary Passage	150	1748	Arrowleaf/Methow River Conservation	BPA	Arrowleaf property
Protect & Enhance Tributary Habitat	Tribuary Passage	150	1751	Wagner Ranch Acquisition	BPA	Wagner Ranch
Protect & Enhance Tributary Habitat	Tribuary Passage	150	1752	Forrest Ranch Acquisition	BPA	Forrest Ranch
Protect & Enhance Tributary Habitat	Tribuary Passage	150	1754	Acquire 27,000 Camp Creek Ranch at Zumwalt Prairie	BPA	27,000 acres of Zumwalt Prairie
Protect & Enhance Tributary Habitat	Tribuary Passage	150	1755	Conservation Easement, Baker Ranch, Salmon River	BPA	Protected riparian areas
Protect & Enhance Tributary Habitat	Tribuary Passage	150	1755	Conservation Easement, Baker Ranch, Salmon River	BPA	Restored stream banks
Protect & Enhance Tributary Habitat	Tribuary Passage	150	1755	Conservation Easement, Baker Ranch, Salmon River	BPA	70 cfs remaining in stream thru closure of 7 diversions
Protect & Enhance Tributary Habitat	Tribuary Passage	150	1755	Conservation Easement, Baker Ranch, Salmon River	BPA	Conservation easement
Protect & Enhance Tributary Habitat	Tribuary Passage	151	133	Mainstem & Middle Fork John Day Habitat Work	BPA	Riparian fencing on Middle Fk and mainstem John Day River tributaries.
Protect & Enhance Tributary Habitat	Tribuary Passage	151	133	Mainstem & Middle Fork John Day Habitat Work	BPA	Riparian planting on Middle Fk and mainstem John Day River tributaries.
Protect & Enhance Tributary Habitat	Tribuary Passage	151	133	Mainstem & Middle Fork John Day Habitat Work	BPA	Instream work on Middle Fk and mainstem John Day River tributaries.

Table 3: List of Habitat Projects

Strategy	Substrategy	RPA Action Num	Project ID Number	Project Title	Lead Agency	02 Work Expectation
Protect & Enhance Tributary Habitat	Tribuary Passage	151	286	Umatilla Habitat Improvement / CTUIR	BPA	Anadromous habitat enhancement for Meacham Cr
Protect & Enhance Tributary Habitat	Tribuary Passage	151	1141	Methow River Valley Irrigation District - YN	BPA	Pressurized irrigation system
Protect & Enhance Tributary Habitat	Tribuary Passage	151	1141	Methow River Valley Irrigation District - YN	BPA	Increased instream flow
Protect & Enhance Tributary Habitat	Tribuary Passage	151	1467	15 Mile Creek Water Right Acquisition	BPA	Increase stream flow
Protect & Enhance Tributary Habitat	Tribuary Passage	151	1467	15 Mile Creek Water Right Acquisition	BPA	Acquired water rights
Protect & Enhance Tributary Habitat	Tribuary Passage	151	1725	Echo Meadow Winter Artificial Recharge	BPA	Linkages between winter artificial recharge of groundwater to the return flows
Protect & Enhance Tributary Habitat	Tribuary Passage	152	287	Umatilla Fish Habitat Improvement / ODFW	BPA	Instream structures: E & W Birch Creeks, Meacham Cr & North Fk of Meacham Cr
Protect & Enhance Tributary Habitat	Tribuary Passage	152	287	Umatilla Fish Habitat Improvement / ODFW	BPA	Riparian fencing E & W Birch Creeks, Meacham Cr & North Fk of Meacham Cr
Protect & Enhance Tributary Habitat	Tribuary Passage	152	707	Grande Ronde Model Watershed Development	BPA	Habitat restoration in the Grande Ronde basin
Protect & Enhance Tributary Habitat	Tribuary Passage	152	709	Model Watershed Studies - Lemhi River Basin	BPA	Watershed restoration in Lemhi River Basin, Pahsimeroi River basin and East Fork Salmon River basin
Protect & Enhance Tributary Habitat	Tribuary Passage	152	819	Red River Restoration (Little Ponderosa Ranch)	BPA	Bank stabilization in lower Red River Meadow.
Protect & Enhance Tributary Habitat	Tribuary Passage	152	819	Red River Restoration (Little Ponderosa Ranch)	BPA	Riparian cover and temperature control in lower Red River Meadow.
Protect & Enhance Tributary Habitat	Tribuary Passage	152	898	Tucannon Stream & Riparian Restoration	BPA	Tucannon riparian planting
Protect & Enhance Tributary Habitat	Tribuary Passage	152	898	Tucannon Stream & Riparian Restoration	BPA	Tucannon stream bank stabilization
Protect & Enhance Tributary Habitat	Tribuary Passage	152	898	Tucannon Stream & Riparian Restoration	BPA	Tucannon pool development
Protect & Enhance Tributary Habitat	Tribuary Passage	152	899	Pataha Creek Stream & Cropland Restoration	BPA	Riparian fencing
Protect & Enhance Tributary Habitat	Tribuary Passage	152	899	Pataha Creek Stream & Cropland Restoration	BPA	Reduced sediment delivery
Protect & Enhance Tributary Habitat	Tribuary Passage	152	899	Pataha Creek Stream & Cropland Restoration	BPA	Off site watering.
Protect & Enhance Tributary Habitat	Tribuary Passage	152	899	Pataha Creek Stream & Cropland Restoration	BPA	Riparian vegetation management
Protect & Enhance Tributary Habitat	Tribuary Passage	152	926	Wallowa Basin Project Planning	BPA	Watershed plan
Protect & Enhance Tributary Habitat	Tribuary Passage	152	929	Trout Creek Operation & Maintenance	BPA	M & E of habitat improvements / smolt production
Protect & Enhance Tributary Habitat	Tribuary Passage	152	929	Trout Creek Operation & Maintenance	BPA	O & M of habitat improvements

Table 3: List of Habitat Projects

Strategy	Substrategy	RPA Action Num	Project ID Number	Project Title	Lead Agency	02 Work Expectation
Protect & Enhance Tributary Habitat	Tribuary Passage	152	1034	Squaw Creek Watershed Wildlife Project	BPA	Purchased land
Protect & Enhance Tributary Habitat	Tribuary Passage	152	1034	Squaw Creek Watershed Wildlife Project	BPA	Implemented management plan
Protect & Enhance Tributary Habitat	Tribuary Passage	152	1089	Upper Salmon River Diversion Consolidation Program	BPA	Consolidate diversions and screen
Protect & Enhance Tributary Habitat	Tribuary Passage	152	1143	Yakima Watershed Restoration - Satus Creek - YIN	BPA	Improved fish habitat
Protect & Enhance Tributary Habitat	Tribuary Passage	152	1163	Walla Walla River Basin Fish Habitat Enhancement	BPA	Riparian fencing
Protect & Enhance Tributary Habitat	Tribuary Passage	152	1163	Walla Walla River Basin Fish Habitat Enhancement	BPA	Stabilized banks
Protect & Enhance Tributary Habitat	Tribuary Passage	152	1163	Walla Walla River Basin Fish Habitat Enhancement	BPA	Noxious weed control
Protect & Enhance Tributary Habitat	Tribuary Passage	152	1170	Clear Cr & NF John Day Dredge-Tailings Restoration	BPA	Redistributed dredge tailings
Protect & Enhance Tributary Habitat	Tribuary Passage	152	1170	Clear Cr & NF John Day Dredge-Tailings Restoration	BPA	Improved stream channel
Protect & Enhance Tributary Habitat	Tribuary Passage	152	1401	Gravel Push-Up Dam Removal Lower N FK John Day R	BPA	Pumping stations established
Protect & Enhance Tributary Habitat	Tribuary Passage	152	1401	Gravel Push-Up Dam Removal Lower N FK John Day R	BPA	Monitoring of results
Protect & Enhance Tributary Habitat	Tribuary Passage	152	1401	Gravel Push-Up Dam Removal Lower N FK John Day R	BPA	Pushup dams replaced
Protect & Enhance Tributary Habitat	Tribuary Passage	152	1402	Irrigation & Riparian Improvements - John Day R	BPA	Permanent intake structures
Protect & Enhance Tributary Habitat	Tribuary Passage	152	1402	Irrigation & Riparian Improvements - John Day R	BPA	Push-up dams eliminated
Protect & Enhance Tributary Habitat	Tribuary Passage	152	1402	Irrigation & Riparian Improvements - John Day R	BPA	Alternative irrigation sources / techniques
Protect & Enhance Tributary Habitat	Tribuary Passage	152	1419	Implement Trout Creek Watershed Enhancement	BPA	Infiltration galleries
Protect & Enhance Tributary Habitat	Tribuary Passage	152	1419	Implement Trout Creek Watershed Enhancement	BPA	Implemented restoration plan
Protect & Enhance Tributary Habitat	Tribuary Passage	152	1419	Implement Trout Creek Watershed Enhancement	BPA	Watershed plan
Protect & Enhance Tributary Habitat	Tribuary Passage	152	1425	Establish Safe Access Tributaries -Yakima Subbasin	BPA	Riparian fencing
Protect & Enhance Tributary Habitat	Tribuary Passage	152	1425	Establish Safe Access Tributaries -Yakima Subbasin	BPA	Reestablished passage into tributary habitats
Protect & Enhance Tributary Habitat	Tribuary Passage	152	1425	Establish Safe Access Tributaries -Yakima Subbasin	BPA	Purchased property / easements
Protect & Enhance Tributary Habitat	Tribuary Passage	152	1465	Bakeoven Riparian Assessment	BPA	Fencing
Protect & Enhance Tributary Habitat	Tribuary Passage	152	1465	Bakeoven Riparian Assessment	BPA	Revegetation
Protect & Enhance Tributary Habitat	Tribuary Passage	152	1465	Bakeoven Riparian Assessment	BPA	Assessment of Bakeoven watershed conditions

Table 3: List of Habitat Projects

Strategy	Substrategy	RPA Action Num	Project ID Number	Project Title	Lead Agency	02 Work Expectation
Protect & Enhance Tributary Habitat	Tribuary Passage	152	1465	Bakeoven Riparian Assessment	BPA	Watershed monitoring plan
Protect & Enhance Tributary Habitat	Tribuary Passage	152	1465	Bakeoven Riparian Assessment	BPA	Watershed restoration plan
Protect & Enhance Tributary Habitat	Tribuary Passage	152	1465	Bakeoven Riparian Assessment	BPA	Off-site water developments
Protect & Enhance Tributary Habitat	Tribuary Passage	152	1469	Pine Hollow Watershed Enhancement	BPA	Replanted riparian areas.
Protect & Enhance Tributary Habitat	Tribuary Passage	152	1469	Pine Hollow Watershed Enhancement	BPA	Master plan
Protect & Enhance Tributary Habitat	Tribuary Passage	152	1469	Pine Hollow Watershed Enhancement	BPA	Springs developed
Protect & Enhance Tributary Habitat	Tribuary Passage	152	1469	Pine Hollow Watershed Enhancement	BPA	Critical areas reseeded
Protect & Enhance Tributary Habitat	Tribuary Passage	152	1469	Pine Hollow Watershed Enhancement	BPA	Cross fencing
Protect & Enhance Tributary Habitat	Tribuary Passage	152	1472	Ahtanum Creek Watershed Assessment	BPA	Assessed salmonid populated
Protect & Enhance Tributary Habitat	Tribuary Passage	152	1472	Ahtanum Creek Watershed Assessment	BPA	Irrigated lands & water delivery systems mapped
Protect & Enhance Tributary Habitat	Tribuary Passage	152	1472	Ahtanum Creek Watershed Assessment	BPA	Assessed stream habitat conditions
Protect & Enhance Tributary Habitat	Tribuary Passage	152	1472	Ahtanum Creek Watershed Assessment	BPA	Water discharge & temperature monitored
Protect & Enhance Tributary Habitat	Tribuary Passage	152	1473	Restore Anadromous Fish Habitat - Little Canyon Cr	BPA	Sediment control basins
Protect & Enhance Tributary Habitat	Tribuary Passage	152	1473	Restore Anadromous Fish Habitat - Little Canyon Cr	BPA	Modified agricultural techniques
Protect & Enhance Tributary Habitat	Tribuary Passage	152	1473	Restore Anadromous Fish Habitat - Little Canyon Cr	BPA	Vegetation management
Protect & Enhance Tributary Habitat	Tribuary Passage	152	1473	Restore Anadromous Fish Habitat - Little Canyon Cr	BPA	Fencing
Protect & Enhance Tributary Habitat	Tribuary Passage	152	1474	Restore Anadromous Fish Habitat - Nichols Canyon	BPA	Improved steelhead spawning & rearing habitat
Protect & Enhance Tributary Habitat	Tribuary Passage	152	1474	Restore Anadromous Fish Habitat - Nichols Canyon	BPA	Coordination of funding and effort
Protect & Enhance Tributary Habitat	Tribuary Passage	152	1474	Restore Anadromous Fish Habitat - Nichols Canyon	BPA	Improved agricultural /range land useage
Protect & Enhance Tributary Habitat	Tribuary Passage	152	1481	Pataha Watershed Project Planning & Implementation	BPA	Pataha Creek Model Watershed Plan
Protect & Enhance Tributary Habitat	Tribuary Passage	152	1481	Pataha Watershed Project Planning & Implementation	BPA	Water quality monitored
Protect & Enhance Tributary Habitat	Tribuary Passage	153	137	Joseph Creek & Grande Ronde River Habitat Work	BPA	Instream work on Joseph Creek drainage and upper Grande Ronde R.
Protect & Enhance Tributary Habitat	Tribuary Passage	153	137	Joseph Creek & Grande Ronde River Habitat Work	BPA	Riparian fencing on Joseph Creek drainage and upper Grande Ronde R.
Protect & Enhance Tributary Habitat	Tribuary Passage	153	707	Grande Ronde Model Watershed Development	BPA	Habitat restoration in the Grande Ronde basin

Table 3: List of Habitat Projects

Strategy	Substrategy	RPA Action Num	Project ID Number	Project Title	Lead Agency	02 Work Expectation
Protect & Enhance Tributary Habitat	Tribuary Passage	153	888	Idaho Model Watershed Habitat Projects	BPA	Riparian fencing
Protect & Enhance Tributary Habitat	Tribuary Passage	153	888	Idaho Model Watershed Habitat Projects	BPA	Controlling livestock grazing
Protect & Enhance Tributary Habitat	Tribuary Passage	153	888	Idaho Model Watershed Habitat Projects	BPA	Resource Management System plans
Protect & Enhance Tributary Habitat	Tribuary Passage	153	888	Idaho Model Watershed Habitat Projects	BPA	Riparian planting
Protect & Enhance Tributary Habitat	Tribuary Passage	153	888	Idaho Model Watershed Habitat Projects	BPA	Instream structures
Protect & Enhance Tributary Habitat	Tribuary Passage	153	926	Wallowa Basin Project Planning	BPA	Watershed plan
Protect & Enhance Tributary Habitat	Tribuary Passage	153	1548	Training Support to Nrcs/Wildland Hydrology	BPA	Fluvial geomorphology short course attendees
Protect & Enhance Tributary Habitat	Tribuary Passage	153	1573	Enhance North Fork John Day River Subbasin - CTUIR	BPA	Enhanced properties
Protect & Enhance Tributary Habitat	Tribuary Passage	153	1573	Enhance North Fork John Day River Subbasin - CTUIR	BPA	Watershed plan
Protect & Enhance Tributary Habitat	Tribuary Passage	153	1573	Enhance North Fork John Day River Subbasin - CTUIR	BPA	Monitored projects
Protect & Enhance Tributary Habitat	Tribuary Passage	153	1607	Conservation Reserve Enhancement Program Incentive	BPA	Riparian protective strips along streams
Protect & Enhance Tributary Habitat	Tribuary Passage	153	1732	Fifteen Mile Creek Riparian Buffers	BPA	Riparian buffer
Protect & Enhance Tributary Habitat	Tribuary Passage	154	287	Umatilla Fish Habitat Improvement / ODFW	BPA	Instream structures: E & W Birch Creeks, Meacham Cr & North Fk of Meacham Cr
Protect & Enhance Tributary Habitat	Tribuary Passage	154	287	Umatilla Fish Habitat Improvement / ODFW	BPA	Riparian fencing E & W Birch Creeks, Meacham Cr & North Fk of Meacham Cr
Protect & Enhance Tributary Habitat	Tribuary Passage	154	710	Life Studies of Spring Chinook -Grande Ronde River	BPA	Study report on the abundance, migration patterns, survival, and habitat use of spring chinook salmon juveniles in the Grande Ronde River basin.
Protect & Enhance Tributary Habitat	Tribuary Passage	154	819	Red River Restoration (Little Ponderosa Ranch)	BPA	Riparian cover and temperature control in lower Red River Meadow.
Protect & Enhance Tributary Habitat	Tribuary Passage	154	819	Red River Restoration (Little Ponderosa Ranch)	BPA	Bank stabilization in lower Red River Meadow.
Protect & Enhance Tributary Habitat	Tribuary Passage	154	888	Idaho Model Watershed Habitat Projects	BPA	Instream structures
Protect & Enhance Tributary Habitat	Tribuary Passage	154	888	Idaho Model Watershed Habitat Projects	BPA	Riparian planting
Protect & Enhance Tributary Habitat	Tribuary Passage	154	888	Idaho Model Watershed Habitat Projects	BPA	Riparian fencing
Protect & Enhance Tributary Habitat	Tribuary Passage	154	888	Idaho Model Watershed Habitat Projects	BPA	Resource Management System plans
Protect & Enhance Tributary Habitat	Tribuary Passage	154	888	Idaho Model Watershed Habitat Projects	BPA	Controlling livestock grazing

Table 3: List of Habitat Projects

Strategy	Substrategy	RPA Action Num	Project ID Number	Project Title	Lead Agency	02 Work Expectation
Protect & Enhance Tributary Habitat	Tribuary Passage	154	898	Tucannon Stream & Riparian Restoration	BPA	Tucannon stream bank stabilization
Protect & Enhance Tributary Habitat	Tribuary Passage	154	898	Tucannon Stream & Riparian Restoration	BPA	Tucannon riparian planting
Protect & Enhance Tributary Habitat	Tribuary Passage	154	898	Tucannon Stream & Riparian Restoration	BPA	Tucannon pool development
Protect & Enhance Tributary Habitat	Tribuary Passage	154	899	Pataha Creek Stream & Cropland Restoration	BPA	Riparian vegetation management
Protect & Enhance Tributary Habitat	Tribuary Passage	154	899	Pataha Creek Stream & Cropland Restoration	BPA	Off site watering.
Protect & Enhance Tributary Habitat	Tribuary Passage	154	899	Pataha Creek Stream & Cropland Restoration	BPA	Riparian fencing
Protect & Enhance Tributary Habitat	Tribuary Passage	154	899	Pataha Creek Stream & Cropland Restoration	BPA	Reduced sediment delivery
Protect & Enhance Tributary Habitat	Tribuary Passage	154	929	Trout Creek Operation & Maintenance	BPA	M & E of habitat improvements / smolt production
Protect & Enhance Tributary Habitat	Tribuary Passage	154	929	Trout Creek Operation & Maintenance	BPA	O & M of habitat improvements
Protect & Enhance Tributary Habitat	Tribuary Passage	154	1034	Squaw Creek Watershed Wildlife Project	BPA	Purchased land
Protect & Enhance Tributary Habitat	Tribuary Passage	154	1034	Squaw Creek Watershed Wildlife Project	BPA	Implemented management plan
Protect & Enhance Tributary Habitat	Tribuary Passage	154	1089	Upper Salmon River Diversion Consolidation Program	BPA	Consolidate diversions and screen
Protect & Enhance Tributary Habitat	Tribuary Passage	154	1143	Yakima Watershed Restoration - Satus Creek - YIN	BPA	Improved fish habitat
Protect & Enhance Tributary Habitat	Tribuary Passage	154	1163	Walla Walla River Basin Fish Habitat Enhancement	BPA	Noxious weed control
Protect & Enhance Tributary Habitat	Tribuary Passage	154	1163	Walla Walla River Basin Fish Habitat Enhancement	BPA	Riparian fencing
Protect & Enhance Tributary Habitat	Tribuary Passage	154	1163	Walla Walla River Basin Fish Habitat Enhancement	BPA	Stabilized banks
Protect & Enhance Tributary Habitat	Tribuary Passage	154	1170	Clear Cr & NF John Day Dredge-Tailings Restoration	BPA	Improved stream channel
Protect & Enhance Tributary Habitat	Tribuary Passage	154	1170	Clear Cr & NF John Day Dredge-Tailings Restoration	BPA	Redistributed dredge tailings
Protect & Enhance Tributary Habitat	Tribuary Passage	154	1198	Protect and Restore Lolo Creek Watershed	BPA	Cattle excluded from critical riparian areas
Protect & Enhance Tributary Habitat	Tribuary Passage	154	1198	Protect and Restore Lolo Creek Watershed	BPA	Stablized landslide sites
Protect & Enhance Tributary Habitat	Tribuary Passage	154	1198	Protect and Restore Lolo Creek Watershed	BPA	Obliterated roads
Protect & Enhance Tributary Habitat	Tribuary Passage	154	1199	Protect & Restore Squaw & Papoose Cr Watersheds	BPA	Sediment traps
Protect & Enhance Tributary Habitat	Tribuary Passage	154	1199	Protect & Restore Squaw & Papoose Cr Watersheds	BPA	Obliterated or restored roads
Protect & Enhance Tributary Habitat	Tribuary Passage	154	1201	Restore Mccommas Meadows - NPT	BPA	Riparian planting

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Strategy	Substrategy	RPA Action Num	Project ID Number	Project Title	Lead Agency	02 Work Expectation
Protect & Enhance Tributary Habitat	Tribuary Passage	154	1201	Restore McCommas Meadows - NPT	BPA	Enhanced channel morphology
Protect & Enhance Tributary Habitat	Tribuary Passage	154	1201	Restore McCommas Meadows - NPT	BPA	Riparian fencing
Protect & Enhance Tributary Habitat	Tribuary Passage	154	1212	Clearwater Focus Watershed - State of Idaho	BPA	Coordination of watershed efforts
Protect & Enhance Tributary Habitat	Tribuary Passage	154	1293	Yakima River Side Channels	BPA	Access re-established to off-channel rearing habitats
Protect & Enhance Tributary Habitat	Tribuary Passage	154	1293	Yakima River Side Channels	BPA	Reconnected floodplains
Protect & Enhance Tributary Habitat	Tribuary Passage	154	1295	Toppenish/Simcoe Instream Flow Restoration	BPA	Restored instream flows
Protect & Enhance Tributary Habitat	Tribuary Passage	154	1295	Toppenish/Simcoe Instream Flow Restoration	BPA	Evaluation of the anadromous population and habitat
Protect & Enhance Tributary Habitat	Tribuary Passage	154	1317	Restoration of Watershed, Clearwater Basin	BPA	Installed instream structures
Protect & Enhance Tributary Habitat	Tribuary Passage	154	1317	Restoration of Watershed, Clearwater Basin	BPA	Obliterate unnecessary roads
Protect & Enhance Tributary Habitat	Tribuary Passage	154	1408	Assess Salmonid Habitat Walla Walla Watershed - WA	BPA	Assesment of conditions and populations
Protect & Enhance Tributary Habitat	Tribuary Passage	154	1419	Implement Trout Creek Watershed Enhancement	BPA	Watershed plan
Protect & Enhance Tributary Habitat	Tribuary Passage	154	1419	Implement Trout Creek Watershed Enhancement	BPA	Infiltration galleries
Protect & Enhance Tributary Habitat	Tribuary Passage	154	1419	Implement Trout Creek Watershed Enhancement	BPA	Implemented restoration plan
Protect & Enhance Tributary Habitat	Tribuary Passage	154	1422	Implement Wy-Kan-ush-mi Wa-Kish-wit Watershed Plan	BPA	Watershed plans
Protect & Enhance Tributary Habitat	Tribuary Passage	154	1424	Upper Toppenish Creek Watershed Restoration	BPA	Implemented restoration plans
Protect & Enhance Tributary Habitat	Tribuary Passage	154	1424	Upper Toppenish Creek Watershed Restoration	BPA	Analysis of upper Toppenish Creek Watershed
Protect & Enhance Tributary Habitat	Tribuary Passage	154	1425	Establish Safe Access Tributaries -Yakima Subbasin	BPA	Reestablished passage into tributary habitats
Protect & Enhance Tributary Habitat	Tribuary Passage	154	1425	Establish Safe Access Tributaries -Yakima Subbasin	BPA	Riparian fencing
Protect & Enhance Tributary Habitat	Tribuary Passage	154	1425	Establish Safe Access Tributaries -Yakima Subbasin	BPA	Purchased property / easements
Protect & Enhance Tributary Habitat	Tribuary Passage	154	1465	Bakeoven Riparian Assessment	BPA	Revegetation
Protect & Enhance Tributary Habitat	Tribuary Passage	154	1465	Bakeoven Riparian Assessment	BPA	Fencing
Protect & Enhance Tributary Habitat	Tribuary Passage	154	1465	Bakeoven Riparian Assessment	BPA	Watershed monitoring plan
Protect & Enhance Tributary Habitat	Tribuary Passage	154	1465	Bakeoven Riparian Assessment	BPA	Off-site water developments
Protect & Enhance Tributary Habitat	Tribuary Passage	154	1465	Bakeoven Riparian Assessment	BPA	Assessment of Bakeoven watershed conditions

Table 3: List of Habitat Projects

Strategy	Substrategy	RPA Action Num	Project ID Number	Project Title	Lead Agency	02 Work Expectation
Protect & Enhance Tributary Habitat	Tribuary Passage	154	1465	Bakeoven Riparian Assessment	BPA	Watershed restoration plan
Protect & Enhance Tributary Habitat	Tribuary Passage	154	1469	Pine Hollow Watershed Enhancement	BPA	Cross fencing
Protect & Enhance Tributary Habitat	Tribuary Passage	154	1469	Pine Hollow Watershed Enhancement	BPA	Critical areas reseeded
Protect & Enhance Tributary Habitat	Tribuary Passage	154	1469	Pine Hollow Watershed Enhancement	BPA	Springs developed
Protect & Enhance Tributary Habitat	Tribuary Passage	154	1469	Pine Hollow Watershed Enhancement	BPA	Master plan
Protect & Enhance Tributary Habitat	Tribuary Passage	154	1469	Pine Hollow Watershed Enhancement	BPA	Replanted riparian areas.
Protect & Enhance Tributary Habitat	Tribuary Passage	154	1472	Ahtanum Creek Watershed Assessment	BPA	Irrigated lands & water delivery systems mapped
Protect & Enhance Tributary Habitat	Tribuary Passage	154	1472	Ahtanum Creek Watershed Assessment	BPA	Water discharge & temperature monitored
Protect & Enhance Tributary Habitat	Tribuary Passage	154	1472	Ahtanum Creek Watershed Assessment	BPA	Assessed stream habitat conditions
Protect & Enhance Tributary Habitat	Tribuary Passage	154	1472	Ahtanum Creek Watershed Assessment	BPA	Assessed salmonid populated
Protect & Enhance Tributary Habitat	Tribuary Passage	154	1473	Restore Anadromous Fish Habitat - Little Canyon Cr	BPA	Fencing
Protect & Enhance Tributary Habitat	Tribuary Passage	154	1473	Restore Anadromous Fish Habitat - Little Canyon Cr	BPA	Vegetation management
Protect & Enhance Tributary Habitat	Tribuary Passage	154	1473	Restore Anadromous Fish Habitat - Little Canyon Cr	BPA	Sediment control basins
Protect & Enhance Tributary Habitat	Tribuary Passage	154	1473	Restore Anadromous Fish Habitat - Little Canyon Cr	BPA	Modified agricultural techniques
Protect & Enhance Tributary Habitat	Tribuary Passage	154	1474	Restore Anadromous Fish Habitat - Nichols Canyon	BPA	Coordination of funding and effort
Protect & Enhance Tributary Habitat	Tribuary Passage	154	1474	Restore Anadromous Fish Habitat - Nichols Canyon	BPA	Improved agricultural /range land useage
Protect & Enhance Tributary Habitat	Tribuary Passage	154	1474	Restore Anadromous Fish Habitat - Nichols Canyon	BPA	Improved steelhead spawning & rearing habitat
Protect & Enhance Tributary Habitat	Tribuary Passage	154	1475	Protecting & Restoring Big Canyon Creek Watershed	BPA	Assessed watershed conditions
Protect & Enhance Tributary Habitat	Tribuary Passage	154	1475	Protecting & Restoring Big Canyon Creek Watershed	BPA	Watershed plans
Protect & Enhance Tributary Habitat	Tribuary Passage	154	1476	Rehabilitate Lapwai Creek	BPA	Lapwai Watershed Plan
Protect & Enhance Tributary Habitat	Tribuary Passage	154	1478	Restore Salmon River - Challis Area	BPA	Restored fish habitat
Protect & Enhance Tributary Habitat	Tribuary Passage	154	1481	Pataha Watershed Project Planning & Implementation	BPA	Pataha Creek Model Watershed Plan
Protect & Enhance Tributary Habitat	Tribuary Passage	154	1481	Pataha Watershed Project Planning & Implementation	BPA	Water quality monitored
Protect & Enhance Tributary Habitat	Tribuary Passage	154	1553	Rock Creek Watershed Assessment & Restoration	BPA	Rock Creek watershed study

Table 3: List of Habitat Projects

Strategy	Substrategy	RPA Action Num	Project ID Number	Project Title	Lead Agency	02 Work Expectation
Protect & Enhance Tributary Habitat	Tribuary Passage	154	1573	Enhance North Fork John Day River Subbasin - CTUIR	BPA	Watershed plan
Protect & Enhance Tributary Habitat	Tribuary Passage	154	1573	Enhance North Fork John Day River Subbasin - CTUIR	BPA	Monitored projects
Protect & Enhance Tributary Habitat	Tribuary Passage	154	1573	Enhance North Fork John Day River Subbasin - CTUIR	BPA	Enhanced properties
Protect & Enhance Tributary Habitat	Tribuary Passage	154	1576	Protect N Lochsa Face Analysis Area Watershed	BPA	Sediment input alleviated
Protect & Enhance Tributary Habitat	Tribuary Passage	154	1576	Protect N Lochsa Face Analysis Area Watershed	BPA	Obliterated road
Protect & Enhance Tributary Habitat	Tribuary Passage	154	1576	Protect N Lochsa Face Analysis Area Watershed	BPA	M & E program
Protect & Enhance Tributary Habitat	Tribuary Passage	154	1577	Rehabilitate Newsome Creek - S Fork Clearwater R	BPA	List of additional roads for obliteration
Protect & Enhance Tributary Habitat	Tribuary Passage	154	1577	Rehabilitate Newsome Creek - S Fork Clearwater R	BPA	Watershed plan
Protect & Enhance Tributary Habitat	Tribuary Passage	154	1577	Rehabilitate Newsome Creek - S Fork Clearwater R	BPA	Plan for restoration of dredged areas
Protect & Enhance Tributary Habitat	Tribuary Passage	154	1577	Rehabilitate Newsome Creek - S Fork Clearwater R	BPA	Obliterate 10 miles of road
Protect & Enhance Tributary Habitat	Tribuary Passage	154	1578	Protect and Restore Mill Creek Watershed	BPA	MOA with the Nez Perce NF
Protect & Enhance Tributary Habitat	Tribuary Passage	154	1578	Protect and Restore Mill Creek Watershed	BPA	Enhanced riparian areas
Protect & Enhance Tributary Habitat	Tribuary Passage	154	1736	Salmonid Production in Restored Rattlesnake Creek	BPA	Evaluation of habitat and population conditions
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	149	133	Mainstem & Middle Fork John Day Habitat Work	BPA	Riparian fencing on Middle Fk and mainstem John Day River tributaries.
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	149	133	Mainstem & Middle Fork John Day Habitat Work	BPA	Riparian planting on Middle Fk and mainstem John Day River tributaries.
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	149	133	Mainstem & Middle Fork John Day Habitat Work	BPA	Instream work on Middle Fk and mainstem John Day River tributaries.
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	149	286	Umatilla Habitat Improvement / CTUIR	BPA	Anadromous habitat enhancement for Meacham Cr
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	149	709	Model Watershed Studies - Lemhi River Basin	BPA	Watershed restoration in Lemhi River Basin, Pahsimeroi River basin and East Fork Salmon River basin
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	149	850	Upper Salmon River Anadromous Fish Passage	BPA	Fishways
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	149	850	Upper Salmon River Anadromous Fish Passage	BPA	Habitat enhancement and passage restoration through fishways, diversion headgates, improved water distribution, and acquired instream flow
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	149	850	Upper Salmon River Anadromous Fish Passage	BPA	Diversion headgates, improved water distribution, and acquired instream flow
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	149	852	Oregon Fish Screens Project	BPA	La Grande fish screen shop

Table 3: List of Habitat Projects

Strategy	Substrategy	RPA Action Num	Project ID Number	Project Title	Lead Agency	02 Work Expectation
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	149	852	Oregon Fish Screens Project	BPA	Fabricate & install fish screens in John Day, Umatilla, & Walla Walla Basins
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	149	852	Oregon Fish Screens Project	BPA	DeNiel fish passage structures in Trout Cr
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	149	852	Oregon Fish Screens Project	BPA	John Day fish screen shop
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	149	886	Idaho Fish Screening Improvement	BPA	Consolidate and screen diversions
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	149	888	Idaho Model Watershed Habitat Projects	BPA	Controlling livestock grazing
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	149	888	Idaho Model Watershed Habitat Projects	BPA	Riparian planting
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	149	888	Idaho Model Watershed Habitat Projects	BPA	Riparian fencing
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	149	888	Idaho Model Watershed Habitat Projects	BPA	Resource Management System plans
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	149	888	Idaho Model Watershed Habitat Projects	BPA	Instream structures
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	149	1095	Juvenile & Adult Passage- Walla Walla Basin	BPA	Screen/trap facilities
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	149	1101	Walla Walla Basin Anadromous Fish Passage	BPA	Adult passage at irrigation diversion dams
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	149	1141	Methow River Valley Irrigation District - YN	BPA	Pressurized irrigation system
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	149	1141	Methow River Valley Irrigation District - YN	BPA	Increased instream flow
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	149	1401	Gravel Push-Up Dam Removal Lower N FK John Day R	BPA	Pushup dams replaced
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	149	1401	Gravel Push-Up Dam Removal Lower N FK John Day R	BPA	Monitoring of results
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	149	1401	Gravel Push-Up Dam Removal Lower N FK John Day R	BPA	Pumping stations established
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	149	1402	Irrigation & Riparian Improvements - John Day R	BPA	Permanent intake structures
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	149	1402	Irrigation & Riparian Improvements - John Day R	BPA	Push-up dams eliminated
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	149	1402	Irrigation & Riparian Improvements - John Day R	BPA	Alternative irrigation sources / techniques
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	149	1408	Assess Salmonid Habitat Walla Walla Watershed - WA	BPA	Assesment of conditions and populations
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	149	1478	Restore Salmon River - Challis Area	BPA	Restored fish habitat
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	149	1497	Salmon Creek Instream Flow & Habitat Survey	BPA	Fishery and water resources documented
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	149	1497	Salmon Creek Instream Flow & Habitat Survey	BPA	Hydrologic model for the drainage
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	149	1575	Walla Walla River Fish Passage Operations	BPA	Passage facilities

Table 3: List of Habitat Projects

Strategy	Substrategy	RPA Action Num	Project ID Number	Project Title	Lead Agency	02 Work Expectation
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	149	1575	Walla Walla River Fish Passage Operations	BPA	Trapping facilities
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	149	1575	Walla Walla River Fish Passage Operations	BPA	Effectively utilizing transport equipment
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	149	1734	Fifteen Mile Subbasin Water Right Acquisition	BPA	Acquired water rights
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	149	1735	Salmon and Steelhead Exertion Study	BPA	Location of difficult fish passage sites
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	149	1749	Gourley Creek Dam Fish Ladder	BPA	Eliminated fish passage barrier
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	149	1750	Protect ESA Fish With Screens in Walla Walla Basin	BPA	Fish screens for 197 Walla Walla Basin irrigation diversions.
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	149	1753	Farmers Irr Dist Mainstem Hood River Fish Screen	BPA	New horizontal fixed plate screen
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	149	1762	Reconnect Little Morgan Creek to Pahsimeroi River	BPA	14.3 miles of historical anadromous habitat restored
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	149	1762	Reconnect Little Morgan Creek to Pahsimeroi River	BPA	Little Morgan Creek reconnected with Pahsimeroi River
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	149	1763	Restoration of Anadromous Fish Access to Hawley Cr	BPA	Reduced water temperatures
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	149	1763	Restoration of Anadromous Fish Access to Hawley Cr	BPA	Hawley Creek reconnected to the Lemhi River
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	149	1763	Restoration of Anadromous Fish Access to Hawley Cr	BPA	Restored riparian habitat
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	149	1763	Restoration of Anadromous Fish Access to Hawley Cr	BPA	Improve irrigation methods
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	149	1765	Supplemental Flows in Buck Hollow	BPA	Supplemented stream flow (1-1.5 cfs)
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	149	1765	Supplemental Flows in Buck Hollow	BPA	headwater irrigation well
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	149	1768	Trout Creek Streamflow Enhancement	BPA	Safer culverts
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	149	1768	Trout Creek Streamflow Enhancement	BPA	Fish passage barriers removed
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	149	1770	Badger Creek Culvert Replacement	BPA	Box culvert eliminating fish passage barrier
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	149	1774	Touchet River Stream Flow Enhancement	BPA	Increased stream flows
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	149	1774	Touchet River Stream Flow Enhancement	BPA	Acquired water rights
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	149	1775	Lostine River Streamflow Enhancement	BPA	Acquired water rights
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	149	1775	Lostine River Streamflow Enhancement	BPA	Increased stream flows
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	149	1776	Methow River Basin Screening	BPA	new fish screens constructed
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	149	1776	Methow River Basin Screening	BPA	Fish screen facilities upgrades

Table 3: List of Habitat Projects

Strategy	Substrategy	RPA Action Num	Project ID Number	Project Title	Lead Agency	02 Work Expectation
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	149	1777	Simcoe Creek Streamflow Enhancement	BPA	Ladders at two diversion dams
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	149	1777	Simcoe Creek Streamflow Enhancement	BPA	Off site water facilities
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	149	1777	Simcoe Creek Streamflow Enhancement	BPA	Canal screens
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	149	1778	Hancock Springs Passage & Habitat Restoration	BPA	Access to spring fed channel
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	150	133	Mainstem & Middle Fork John Day Habitat Work	BPA	Instream work on Middle Fk and mainstem John Day River tributaries.
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	150	133	Mainstem & Middle Fork John Day Habitat Work	BPA	Riparian fencing on Middle Fk and mainstem John Day River tributaries.
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	150	133	Mainstem & Middle Fork John Day Habitat Work	BPA	Riparian planting on Middle Fk and mainstem John Day River tributaries.
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	150	137	Joseph Creek & Grande Ronde River Habitat Work	BPA	Instream work on Joseph Creek drainage and upper Grande Ronde R.
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	150	137	Joseph Creek & Grande Ronde River Habitat Work	BPA	Riparian fencing on Joseph Creek drainage and upper Grande Ronde R.
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	150	286	Umatilla Habitat Improvement / CTUIR	BPA	Anadromous habitat enhancement for Meacham Cr
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	150	287	Umatilla Fish Habitat Improvement / ODFW	BPA	Instream structures: E & W Birch Creeks, Meacham Cr & North Fk of Meacham Cr
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	150	287	Umatilla Fish Habitat Improvement / ODFW	BPA	Riparian fencing E & W Birch Creeks, Meacham Cr & North Fk of Meacham Cr
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	150	752	Lower Yakima Valley Riparian/Wetlands - Phase I	BPA	Protecting and enhancing riparian and wetland habitat in the Yakama Reservation.
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	150	825	Fifteenmile Creek Habitat Improvement	BPA	Riparian fencing in the Fifteenmile Creek Basin
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	150	825	Fifteenmile Creek Habitat Improvement	BPA	Bank stabilization work in the Fifteenmile Creek Basin
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	150	888	Idaho Model Watershed Habitat Projects	BPA	Resource Management System plans
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	150	888	Idaho Model Watershed Habitat Projects	BPA	Riparian fencing
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	150	888	Idaho Model Watershed Habitat Projects	BPA	Riparian planting
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	150	888	Idaho Model Watershed Habitat Projects	BPA	Instream structures
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	150	888	Idaho Model Watershed Habitat Projects	BPA	Controlling livestock grazing
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	150	898	Tucannon Stream & Riparian Restoration	BPA	Tucannon stream bank stabilization
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	150	898	Tucannon Stream & Riparian Restoration	BPA	Tucannon pool development

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Strategy	Substrategy	RPA Action Num	Project ID Number	Project Title	Lead Agency	02 Work Expectation
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	150	898	Tucannon Stream & Riparian Restoration	BPA	Tucannon riparian planting
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	150	899	Pataha Creek Stream & Cropland Restoration	BPA	Off site watering.
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	150	899	Pataha Creek Stream & Cropland Restoration	BPA	Reduced sediment delivery
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	150	899	Pataha Creek Stream & Cropland Restoration	BPA	Riparian fencing
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	150	899	Pataha Creek Stream & Cropland Restoration	BPA	Riparian vegetation management
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	150	929	Trout Creek Operation & Maintenance	BPA	M & E of habitat improvements / smolt production
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	150	929	Trout Creek Operation & Maintenance	BPA	O & M of habitat improvements
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	150	937	Salmon River Habitat Enhancement and O&M	BPA	M & E of habitat improvements
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	150	937	Salmon River Habitat Enhancement and O&M	BPA	O & M of habitat improvements
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	150	1034	Squaw Creek Watershed Wildlife Project	BPA	Purchased land
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	150	1034	Squaw Creek Watershed Wildlife Project	BPA	Implemented management plan
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	150	1089	Upper Salmon River Diversion Consolidation Program	BPA	Consolidate diversions and screen
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	150	1141	Methow River Valley Irrigation District - YN	BPA	Increased instream flow
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	150	1141	Methow River Valley Irrigation District - YN	BPA	Pressurized irrigation system
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	150	1143	Yakima Watershed Restoration - Satus Creek - YIN	BPA	Improved fish habitat
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	150	1163	Walla Walla River Basin Fish Habitat Enhancement	BPA	Stabilized banks
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	150	1163	Walla Walla River Basin Fish Habitat Enhancement	BPA	Riparian fencing
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	150	1163	Walla Walla River Basin Fish Habitat Enhancement	BPA	Noxious weed control
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	150	1205	Nez Perce NE Oregon Wildlife Project: Helm Tract	BPA	Helm Tract additions
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	150	1208	Grande Ronde Watershed Restoration - CTUIR	BPA	Enhanced riparian habitat
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	150	1208	Grande Ronde Watershed Restoration - CTUIR	BPA	Enhanced instream habitat
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	150	1208	Grande Ronde Watershed Restoration - CTUIR	BPA	Enhanced water quality
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	150	1208	Grande Ronde Watershed Restoration - CTUIR	BPA	Enhanced water quantity
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	150	1263	Wallowa County/Nez Perce Salmon Habitat Recovery	BPA	Implementation of the Salmon Habitat Recovery Plan

Table 3: List of Habitat Projects

Strategy	Substrategy	RPA Action Num	Project ID Number	Project Title	Lead Agency	02 Work Expectation
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	150	1263	Wallowa County/Nez Perce Salmon Habitat Recovery	BPA	Monitoring of the Salmon Habitat Recovery Plan
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	150	1358	Cottonwood Creek Riparian Enhancement/Wallowa	BPA	Cut banks armored
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	150	1358	Cottonwood Creek Riparian Enhancement/Wallowa	BPA	Eroded road restored
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	150	1358	Cottonwood Creek Riparian Enhancement/Wallowa	BPA	Bridges repaired
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	150	1358	Cottonwood Creek Riparian Enhancement/Wallowa	BPA	Road removed from riparian zone where possible
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	150	1361	Water Quality Monitoring for Grande Ronde Basin	BPA	Coordinated monitoring
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	150	1361	Water Quality Monitoring for Grande Ronde Basin	BPA	Reports of conditions and trends
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	150	1361	Water Quality Monitoring for Grande Ronde Basin	BPA	Expanded monitoring program
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	150	1409	Hood River Fish Habitat	BPA	Alternative irrigation water source developed
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	150	1409	Hood River Fish Habitat	BPA	Problems resolved at diversions
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	150	1409	Hood River Fish Habitat	BPA	Riparian fencing
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	150	1409	Hood River Fish Habitat	BPA	Rip rap stream banks
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	150	1411	Acquisition of Pine Creek Ranch	BPA	Pine Creek Ranch
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	150	1442	Mcintyre Road Relocation - Union County	BPA	Obliterated road
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	150	1442	Mcintyre Road Relocation - Union County	BPA	Reconstructed county road
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	150	1444	Grouse Creek Culvert Replacement	BPA	Road raised and alignment improved
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	150	1444	Grouse Creek Culvert Replacement	BPA	Grouse Creek multi-plate arch culvert
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	150	1465	Bakeoven Riparian Assessment	BPA	Assessment of Bakeoven watershed conditions
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	150	1465	Bakeoven Riparian Assessment	BPA	Revegetation
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	150	1465	Bakeoven Riparian Assessment	BPA	Watershed restoration plan
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	150	1465	Bakeoven Riparian Assessment	BPA	Watershed monitoring plan
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	150	1465	Bakeoven Riparian Assessment	BPA	Fencing
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	150	1465	Bakeoven Riparian Assessment	BPA	Off-site water developments
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	150	1503	Union County Technical Engineering Assistance	BPA	Technical support

Table 3: List of Habitat Projects

Strategy	Substrategy	RPA Action Num	Project ID Number	Project Title	Lead Agency	02 Work Expectation
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	150	1504	Wallowa County Technical Engineering Assistance	BPA	Water Temperature Software Project
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	150	1505	Water Temp Manipulation & Data Sharing Software	BPA	Public domain software program for water temperature data collection and analysis
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	150	1521	Grande Ronde - Union SWCD Chan, Rd & Passage Rest	BPA	Smutz Draw road relocation
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	150	1521	Grande Ronde - Union SWCD Chan, Rd & Passage Rest	BPA	Mill Creek / Caldwell diversion dam passage improvement
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	150	1521	Grande Ronde - Union SWCD Chan, Rd & Passage Rest	BPA	Phillips Creek bridge,
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	150	1521	Grande Ronde - Union SWCD Chan, Rd & Passage Rest	BPA	Grande Ronde bank work
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	150	1522	Grande Ronde - Union SWCD Riparian, Upland Rest	BPA	Ladd Creek riparian fence
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	150	1522	Grande Ronde - Union SWCD Riparian, Upland Rest	BPA	Cattle watering troughs
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	150	1522	Grande Ronde - Union SWCD Riparian, Upland Rest	BPA	Soil aerator
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	150	1524	Alpine Meadows - Trout Creek Restoration	BPA	Eroding Trout Creek channel stabilized
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	150	1530	Wallowa County Gauging Stations	BPA	Maintain seven stream gages
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	150	1531	Hagedorn Road Relocation/Stream Restoration	BPA	Old Hagedorn Road obliterated
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	150	1531	Hagedorn Road Relocation/Stream Restoration	BPA	Hagedorn Road relocated
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	150	1533	Grande Ronde Basin Tech Engineering Assistance	BPA	Technical support
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	150	1537	Wallowa County Direct Seeding	BPA	No-till agriculture demonstration
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	150	1538	Crow Cr Star Thistle Containment & Riparian Enhanc	BPA	Spalding catchfly protected
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	150	1538	Crow Cr Star Thistle Containment & Riparian Enhanc	BPA	Noxious weed control
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	150	1557	Acquire Oxbow Ranch Middle Fork John Day River	BPA	Oxbow Ranch
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	150	1562	WLMitigation Sites Oregon, Wenaha WMA Additions	BPA	Land acquisition or easement
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	150	1562	WLMitigation Sites Oregon, Wenaha WMA Additions	BPA	Enhanced Wenaha WMA
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	150	1563	WL Mitigation Sites Oregon, Ladd Marsh Additions	BPA	Enhanced additions to Ladd Marsh WMA
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	150	1563	WL Mitigation Sites Oregon, Ladd Marsh Additions	BPA	Ladd Marsh WMA additions
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	150	1573	Enhance North Fork John Day River Subbasin - CTUIR	BPA	Enhanced properties

Table 3: List of Habitat Projects

Strategy	Substrategy	RPA Action Num	Project ID Number	Project Title	Lead Agency	02 Work Expectation
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	150	1573	Enhance North Fork John Day River Subbasin - CTUIR	BPA	Monitored projects
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	150	1573	Enhance North Fork John Day River Subbasin - CTUIR	BPA	Watershed plan
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	150	1607	Conservation Reserve Enhancement Program Incentive	BPA	Riparian protective strips along streams
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	150	1609	Mccoey Cr Alta Cunha Ranches Instream Restoration	BPA	Pasture rest
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	150	1609	Mccoey Cr Alta Cunha Ranches Instream Restoration	BPA	Large woody debris in stream
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	150	1609	Mccoey Cr Alta Cunha Ranches Instream Restoration	BPA	McCoy Creek pasture fences
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	150	1609	Mccoey Cr Alta Cunha Ranches Instream Restoration	BPA	Obliterated 3000 feet of abandoned railroad grade
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	150	1609	Mccoey Cr Alta Cunha Ranches Instream Restoration	BPA	Replanted riparian zone
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	150	1623	Asotin Watershed Grazing Biological Plan	BPA	Weed control
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	150	1624	Rainwater Wildlife O & M	BPA	M & E for Rainwater Wildlife Area
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	150	1731	Fifteen Mile Creek Riparian Fencing/Stream Survey	BPA	Riparian fencing
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	150	1731	Fifteen Mile Creek Riparian Fencing/Stream Survey	BPA	Physical evaluation of streams
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	150	1746	Protect Bear Valley Wild Salmon Spawning Habitat	BPA	Closed Grazing allotment
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	150	1748	Arrowleaf/Methow River Conservation	BPA	Arrowleaf property
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	150	1751	Wagner Ranch Acquisition	BPA	Wagner Ranch
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	150	1752	Forrest Ranch Acquisition	BPA	Forrest Ranch
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	150	1754	Acquire 27,000 Camp Creek Ranch at Zumwalt Prairie	BPA	27,000 acres of Zumwalt Prairie
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	150	1755	Conservation Easement, Baker Ranch, Salmon River	BPA	Restored stream banks
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	150	1755	Conservation Easement, Baker Ranch, Salmon River	BPA	70 cfs remaining in stream thru closure of 7 diversions
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	150	1755	Conservation Easement, Baker Ranch, Salmon River	BPA	Protected riparian areas
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	150	1755	Conservation Easement, Baker Ranch, Salmon River	BPA	Conservation easement
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	151	133	Mainstem & Middle Fork John Day Habitat Work	BPA	Instream work on Middle Fk and mainstem John Day River tributaries.
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	151	133	Mainstem & Middle Fork John Day Habitat Work	BPA	Riparian fencing on Middle Fk and mainstem John Day River tributaries.
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	151	133	Mainstem & Middle Fork John Day Habitat Work	BPA	Riparian planting on Middle Fk and mainstem John Day River tributaries.

Table 3: List of Habitat Projects

Strategy	Substrategy	RPA Action Num	Project ID Number	Project Title	Lead Agency	02 Work Expectation
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	151	286	Umatilla Habitat Improvement / CTUIR	BPA	Anadromous habitat enhancement for Meacham Cr
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	151	1141	Methow River Valley Irrigation District - YN	BPA	Increased instream flow
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	151	1141	Methow River Valley Irrigation District - YN	BPA	Pressurized irrigation system
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	151	1467	15 Mile Creek Water Right Acquisition	BPA	Increase stream flow
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	151	1467	15 Mile Creek Water Right Acquisition	BPA	Acquired water rights
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	151	1725	Echo Meadow Winter Artificial Recharge	BPA	Linkages between winter artificial recharge of groundwater to the return flows
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	152	287	Umatilla Fish Habitat Improvement / ODFW	BPA	Riparian fencing E & W Birch Creeks, Meacham Cr & North Fk of Meacham Cr
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	152	287	Umatilla Fish Habitat Improvement / ODFW	BPA	Instream structures: E & W Birch Creeks, Meacham Cr & North Fk of Meacham Cr
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	152	707	Grande Ronde Model Watershed Development	BPA	Habitat restoration in the Grande Ronde basin
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	152	709	Model Watershed Studies - Lemhi River Basin	BPA	Watershed restoration in Lemhi River Basin, Pahsimeroi River basin and East Fork Salmon River basin
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	152	819	Red River Restoration (Little Ponderosa Ranch)	BPA	Riparian cover and temperature control in lower Red River Meadow.
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	152	819	Red River Restoration (Little Ponderosa Ranch)	BPA	Bank stabilization in lower Red River Meadow.
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	152	898	Tucannon Stream & Riparian Restoration	BPA	Tucannon stream bank stabilization
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	152	898	Tucannon Stream & Riparian Restoration	BPA	Tucannon pool development
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	152	898	Tucannon Stream & Riparian Restoration	BPA	Tucannon riparian planting
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	152	899	Pataha Creek Stream & Cropland Restoration	BPA	Riparian vegetation management
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	152	899	Pataha Creek Stream & Cropland Restoration	BPA	Riparian fencing
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	152	899	Pataha Creek Stream & Cropland Restoration	BPA	Off site watering.
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	152	899	Pataha Creek Stream & Cropland Restoration	BPA	Reduced sediment delivery
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	152	926	Wallowa Basin Project Planning	BPA	Watershed plan
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	152	929	Trout Creek Operation & Maintenance	BPA	M & E of habitat improvements / smolt production
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	152	929	Trout Creek Operation & Maintenance	BPA	O & M of habitat improvements

Table 3: List of Habitat Projects

Strategy	Substrategy	RPA Action Num	Project ID Number	Project Title	Lead Agency	02 Work Expectation
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	152	1034	Squaw Creek Watershed Wildlife Project	BPA	Purchased land
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	152	1034	Squaw Creek Watershed Wildlife Project	BPA	Implemented management plan
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	152	1089	Upper Salmon River Diversion Consolidation Program	BPA	Consolidate diversions and screen
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	152	1143	Yakima Watershed Restoration - Satus Creek - YIN	BPA	Improved fish habitat
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	152	1163	Walla Walla River Basin Fish Habitat Enhancement	BPA	Riparian fencing
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	152	1163	Walla Walla River Basin Fish Habitat Enhancement	BPA	Stabilized banks
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	152	1163	Walla Walla River Basin Fish Habitat Enhancement	BPA	Noxious weed control
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	152	1170	Clear Cr & NF John Day Dredge-Tailings Restoration	BPA	Improved stream channel
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	152	1170	Clear Cr & NF John Day Dredge-Tailings Restoration	BPA	Redistributed dredge tailings
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	152	1401	Gravel Push-Up Dam Removal Lower N FK John Day R	BPA	Pushup dams replaced
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	152	1401	Gravel Push-Up Dam Removal Lower N FK John Day R	BPA	Monitoring of results
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	152	1401	Gravel Push-Up Dam Removal Lower N FK John Day R	BPA	Pumping stations established
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	152	1402	Irrigation & Riparian Improvements - John Day R	BPA	Permanent intake structures
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	152	1402	Irrigation & Riparian Improvements - John Day R	BPA	Alternative irrigation sources / techniques
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	152	1402	Irrigation & Riparian Improvements - John Day R	BPA	Push-up dams eliminated
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	152	1419	Implement Trout Creek Watershed Enhancement	BPA	Implemented restoration plan
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	152	1419	Implement Trout Creek Watershed Enhancement	BPA	Infiltration galleries
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	152	1419	Implement Trout Creek Watershed Enhancement	BPA	Watershed plan
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	152	1425	Establish Safe Access Tributaries -Yakima Subbasin	BPA	Riparian fencing
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	152	1425	Establish Safe Access Tributaries -Yakima Subbasin	BPA	Purchased property / easements
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	152	1425	Establish Safe Access Tributaries -Yakima Subbasin	BPA	Reestablished passage into tributary habitats
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	152	1465	Bakeoven Riparian Assessment	BPA	Revegetation
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	152	1465	Bakeoven Riparian Assessment	BPA	Off-site water developments
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	152	1465	Bakeoven Riparian Assessment	BPA	Watershed restoration plan

Table 3: List of Habitat Projects

Strategy	Substrategy	RPA Action Num	Project ID Number	Project Title	Lead Agency	02 Work Expectation
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	152	1465	Bakeoven Riparian Assessment	BPA	Assessment of Bakeoven watershed conditions
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	152	1465	Bakeoven Riparian Assessment	BPA	Fencing
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	152	1465	Bakeoven Riparian Assessment	BPA	Watershed monitoring plan
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	152	1469	Pine Hollow Watershed Enhancement	BPA	Replanted riparian areas.
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	152	1469	Pine Hollow Watershed Enhancement	BPA	Critical areas reseeded
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	152	1469	Pine Hollow Watershed Enhancement	BPA	Cross fencing
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	152	1469	Pine Hollow Watershed Enhancement	BPA	Springs developed
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	152	1469	Pine Hollow Watershed Enhancement	BPA	Master plan
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	152	1472	Ahtanum Creek Watershed Assessment	BPA	Assessed stream habitat conditions
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	152	1472	Ahtanum Creek Watershed Assessment	BPA	Assessed salmonid populated
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	152	1472	Ahtanum Creek Watershed Assessment	BPA	Water discharge & temperature monitored
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	152	1472	Ahtanum Creek Watershed Assessment	BPA	Irrigated lands & water delivery systems mapped
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	152	1473	Restore Anadromous Fish Habitat - Little Canyon Cr	BPA	Sediment control basins
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	152	1473	Restore Anadromous Fish Habitat - Little Canyon Cr	BPA	Modified agricultural techniques
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	152	1473	Restore Anadromous Fish Habitat - Little Canyon Cr	BPA	Vegetation management
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	152	1473	Restore Anadromous Fish Habitat - Little Canyon Cr	BPA	Fencing
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	152	1474	Restore Anadromous Fish Habitat - Nichols Canyon	BPA	Improved steelhead spawning & rearing habitat
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	152	1474	Restore Anadromous Fish Habitat - Nichols Canyon	BPA	Improved agricultural /range land useage
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	152	1474	Restore Anadromous Fish Habitat - Nichols Canyon	BPA	Coordination of funding and effort
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	152	1481	Pataha Watershed Project Planning & Implementation	BPA	Pataha Creek Model Watershed Plan
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	152	1481	Pataha Watershed Project Planning & Implementation	BPA	Water quality monitored
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	153	137	Joseph Creek & Grande Ronde River Habitat Work	BPA	Instream work on Joseph Creek drainage and upper Grande Ronde R.
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	153	137	Joseph Creek & Grande Ronde River Habitat Work	BPA	Riparian fencing on Joseph Creek drainage and upper Grande Ronde R.
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	153	707	Grande Ronde Model Watershed Development	BPA	Habitat restoration in the Grande Ronde basin

Table 3: List of Habitat Projects

Strategy	Substrategy	RPA Action Num	Project ID Number	Project Title	Lead Agency	02 Work Expectation
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	153	888	Idaho Model Watershed Habitat Projects	BPA	Controlling livestock grazing
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	153	888	Idaho Model Watershed Habitat Projects	BPA	Resource Management System plans
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	153	888	Idaho Model Watershed Habitat Projects	BPA	Riparian fencing
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	153	888	Idaho Model Watershed Habitat Projects	BPA	Riparian planting
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	153	888	Idaho Model Watershed Habitat Projects	BPA	Instream structures
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	153	926	Wallowa Basin Project Planning	BPA	Watershed plan
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	153	1548	Training Support to Nrcs/Wildland Hydrology	BPA	Fluvial geomorphology short course attendees
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	153	1573	Enhance North Fork John Day River Subbasin - CTUIR	BPA	Watershed plan
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	153	1573	Enhance North Fork John Day River Subbasin - CTUIR	BPA	Monitored projects
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	153	1573	Enhance North Fork John Day River Subbasin - CTUIR	BPA	Enhanced properties
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	153	1607	Conservation Reserve Enhancement Program Incentive	BPA	Riparian protective strips along streams
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	153	1732	Fifteen Mile Creek Riparian Buffers	BPA	Riparian buffer
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	154	287	Umatilla Fish Habitat Improvement / ODFW	BPA	Riparian fencing E & W Birch Creeks, Meacham Cr & North Fk of Meacham Cr
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	154	287	Umatilla Fish Habitat Improvement / ODFW	BPA	Instream structures: E & W Birch Creeks, Meacham Cr & North Fk of Meacham Cr
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	154	710	Life Studies of Spring Chinook -Grande Ronde River	BPA	Study report on the abundance, migration patterns, survival, and habitat use of spring chinook salmon juveniles in the Grande Ronde River basin.
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	154	819	Red River Restoration (Little Ponderosa Ranch)	BPA	Riparian cover and temperature control in lower Red River Meadow.
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	154	819	Red River Restoration (Little Ponderosa Ranch)	BPA	Bank stabilization in lower Red River Meadow.
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	154	888	Idaho Model Watershed Habitat Projects	BPA	Riparian fencing
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	154	888	Idaho Model Watershed Habitat Projects	BPA	Controlling livestock grazing
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	154	888	Idaho Model Watershed Habitat Projects	BPA	Resource Management System plans
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	154	888	Idaho Model Watershed Habitat Projects	BPA	Riparian planting
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	154	888	Idaho Model Watershed Habitat Projects	BPA	Instream structures

Table 3: List of Habitat Projects

Strategy	Substrategy	RPA Action Num	Project ID Number	Project Title	Lead Agency	02 Work Expectation
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	154	898	Tucannon Stream & Riparian Restoration	BPA	Tucannon pool development
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	154	898	Tucannon Stream & Riparian Restoration	BPA	Tucannon riparian planting
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	154	898	Tucannon Stream & Riparian Restoration	BPA	Tucannon stream bank stabilization
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	154	899	Pataha Creek Stream & Cropland Restoration	BPA	Reduced sediment delivery
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	154	899	Pataha Creek Stream & Cropland Restoration	BPA	Off site watering.
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	154	899	Pataha Creek Stream & Cropland Restoration	BPA	Riparian fencing
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	154	899	Pataha Creek Stream & Cropland Restoration	BPA	Riparian vegetation management
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	154	929	Trout Creek Operation & Maintenance	BPA	O & M of habitat improvements
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	154	929	Trout Creek Operation & Maintenance	BPA	M & E of habitat improvements / smolt production
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	154	1034	Squaw Creek Watershed Wildlife Project	BPA	Purchased land
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	154	1034	Squaw Creek Watershed Wildlife Project	BPA	Implemented management plan
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	154	1089	Upper Salmon River Diversion Consolidation Program	BPA	Consolidate diversions and screen
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	154	1143	Yakima Watershed Restoration - Satus Creek - YIN	BPA	Improved fish habitat
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	154	1163	Walla Walla River Basin Fish Habitat Enhancement	BPA	Noxious weed control
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	154	1163	Walla Walla River Basin Fish Habitat Enhancement	BPA	Stabilized banks
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	154	1163	Walla Walla River Basin Fish Habitat Enhancement	BPA	Riparian fencing
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	154	1170	Clear Cr & NF John Day Dredge-Tailings Restoration	BPA	Redistributed dredge tailings
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	154	1170	Clear Cr & NF John Day Dredge-Tailings Restoration	BPA	Improved stream channel
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	154	1198	Protect and Restore Lolo Creek Watershed	BPA	Obliterated roads
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	154	1198	Protect and Restore Lolo Creek Watershed	BPA	Stablized landslide sites
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	154	1198	Protect and Restore Lolo Creek Watershed	BPA	Cattle excluded from critical riparian areas
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	154	1199	Protect & Restore Squaw & Papoose Cr Watersheds	BPA	Obliterated or restored roads
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	154	1199	Protect & Restore Squaw & Papoose Cr Watersheds	BPA	Sediment traps
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	154	1201	Restore Mccommas Meadows - NPT	BPA	Enhanced channel morphology

Table 3: List of Habitat Projects

Strategy	Substrategy	RPA Action Num	Project ID Number	Project Title	Lead Agency	02 Work Expectation
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	154	1201	Restore McCommas Meadows - NPT	BPA	Riparian fencing
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	154	1201	Restore McCommas Meadows - NPT	BPA	Riparian planting
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	154	1212	Clearwater Focus Watershed - State of Idaho	BPA	Coordination of watershed efforts
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	154	1293	Yakima River Side Channels	BPA	Access re-established to off-channel rearing habitats
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	154	1293	Yakima River Side Channels	BPA	Reconnected floodplains
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	154	1295	Toppenish/Simcoe Instream Flow Restoration	BPA	Restored instream flows
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	154	1295	Toppenish/Simcoe Instream Flow Restoration	BPA	Evaluation of the anadromous population and habitat
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	154	1317	Restoration of Watershed, Clearwater Basin	BPA	Installed instream structures
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	154	1317	Restoration of Watershed, Clearwater Basin	BPA	Obliterate unnecessary roads
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	154	1408	Assess Salmonid Habitat Walla Walla Watershed - WA	BPA	Assesment of conditions and populations
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	154	1419	Implement Trout Creek Watershed Enhancement	BPA	Implemented restoration plan
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	154	1419	Implement Trout Creek Watershed Enhancement	BPA	Infiltration galleries
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	154	1419	Implement Trout Creek Watershed Enhancement	BPA	Watershed plan
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	154	1422	Implement Wy-Kan-ush-mi Wa-Kish-wit Watershed Plan	BPA	Watershed plans
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	154	1424	Upper Toppenish Creek Watershed Restoration	BPA	Implemented restoration plans
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	154	1424	Upper Toppenish Creek Watershed Restoration	BPA	Analysis of upper Toppenish Creek Watershed
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	154	1425	Establish Safe Access Tributaries -Yakima Subbasin	BPA	Riparian fencing
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	154	1425	Establish Safe Access Tributaries -Yakima Subbasin	BPA	Purchased property / easements
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	154	1425	Establish Safe Access Tributaries -Yakima Subbasin	BPA	Reestablished passage into tributary habitats
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	154	1465	Bakeoven Riparian Assessment	BPA	Fencing
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	154	1465	Bakeoven Riparian Assessment	BPA	Watershed restoration plan
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	154	1465	Bakeoven Riparian Assessment	BPA	Revegetation
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	154	1465	Bakeoven Riparian Assessment	BPA	Assessment of Bakeoven watershed conditions
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	154	1465	Bakeoven Riparian Assessment	BPA	Watershed monitoring plan

Table 3: List of Habitat Projects

Strategy	Substrategy	RPA Action Num	Project ID Number	Project Title	Lead Agency	02 Work Expectation
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	154	1465	Bakeoven Riparian Assessment	BPA	Off-site water developments
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	154	1469	Pine Hollow Watershed Enhancement	BPA	Cross fencing
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	154	1469	Pine Hollow Watershed Enhancement	BPA	Springs developed
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	154	1469	Pine Hollow Watershed Enhancement	BPA	Critical areas reseeded
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	154	1469	Pine Hollow Watershed Enhancement	BPA	Replanted riparian areas.
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	154	1469	Pine Hollow Watershed Enhancement	BPA	Master plan
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	154	1472	Ahtanum Creek Watershed Assessment	BPA	Water discharge & temperature monitored
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	154	1472	Ahtanum Creek Watershed Assessment	BPA	Assessed stream habitat conditions
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	154	1472	Ahtanum Creek Watershed Assessment	BPA	Assessed salmonid populated
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	154	1472	Ahtanum Creek Watershed Assessment	BPA	Irrigated lands & water delivery systems mapped
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	154	1473	Restore Anadromous Fish Habitat - Little Canyon Cr	BPA	Modified agricultural techniques
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	154	1473	Restore Anadromous Fish Habitat - Little Canyon Cr	BPA	Vegetation management
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	154	1473	Restore Anadromous Fish Habitat - Little Canyon Cr	BPA	Fencing
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	154	1473	Restore Anadromous Fish Habitat - Little Canyon Cr	BPA	Sediment control basins
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	154	1474	Restore Anadromous Fish Habitat - Nichols Canyon	BPA	Improved steelhead spawning & rearing habitat
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	154	1474	Restore Anadromous Fish Habitat - Nichols Canyon	BPA	Coordination of funding and effort
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	154	1474	Restore Anadromous Fish Habitat - Nichols Canyon	BPA	Improved agricultural /range land useage
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	154	1475	Protecting & Restoring Big Canyon Creek Watershed	BPA	Assessed watershed conditions
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	154	1475	Protecting & Restoring Big Canyon Creek Watershed	BPA	Watershed plans
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	154	1476	Rehabilitate Lapwai Creek	BPA	Lapwai Watershed Plan
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	154	1478	Restore Salmon River - Challis Area	BPA	Restored fish habitat
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	154	1481	Pataha Watershed Project Planning & Implementation	BPA	Water quality monitored
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	154	1481	Pataha Watershed Project Planning & Implementation	BPA	Pataha Creek Model Watershed Plan
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	154	1553	Rock Creek Watershed Assessment & Restoration	BPA	Rock Creek watershed study

Table 3: List of Habitat Projects

Strategy	Substrategy	RPA Action Num	Project ID Number	Project Title	Lead Agency	02 Work Expectation
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	154	1573	Enhance North Fork John Day River Subbasin - CTUIR	BPA	Watershed plan
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	154	1573	Enhance North Fork John Day River Subbasin - CTUIR	BPA	Enhanced properties
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	154	1573	Enhance North Fork John Day River Subbasin - CTUIR	BPA	Monitored projects
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	154	1576	Protect N Lochsa Face Analysis Area Watershed	BPA	M & E program
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	154	1576	Protect N Lochsa Face Analysis Area Watershed	BPA	Obliterated road
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	154	1576	Protect N Lochsa Face Analysis Area Watershed	BPA	Sediment input alleviated
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	154	1577	Rehabilitate Newsome Creek - S Fork Clearwater R	BPA	Plan for restoration of dredged areas
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	154	1577	Rehabilitate Newsome Creek - S Fork Clearwater R	BPA	Watershed plan
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	154	1577	Rehabilitate Newsome Creek - S Fork Clearwater R	BPA	Obliterate 10 miles of road
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	154	1577	Rehabilitate Newsome Creek - S Fork Clearwater R	BPA	List of additional roads for obliteration
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	154	1578	Protect and Restore Mill Creek Watershed	BPA	MOA with the Nez Perce NF
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	154	1578	Protect and Restore Mill Creek Watershed	BPA	Enhanced riparian areas
Protect & Enhance Tributary Habitat	Tributary Subbasin Planning	154	1736	Salmonid Production in Restored Rattlesnake Creek	BPA	Evaluation of habitat and population conditions
Protect & Enhance Tributary Habitat	Tributary Water Quality	149	<i>unassigned</i>	Milton-Freewater Walla Walla River, OR, Section 1135	COE	Up to 25 hectares of floodplain restored.
Protect & Enhance Tributary Habitat	Tributary Water Quality	149	<i>unassigned</i>	Grande Ronde, LaGrande OR, Section 1135	COE	Improve 2 ½ river miles of habitat
Protect & Enhance Tributary Habitat	Tributary Water Quality	149	<i>unassigned</i>	Ladd Marsh Grande Ronde Ladd Creek, Section 206	COE	Restore natural function in up to one mile of creek.
Protect & Enhance Tributary Habitat	Tributary Water Quality	149	<i>unassigned</i>	East Birch Creek Umatilla County OR, Section 206	COE	Complete '02. Salmonid spawning and rearing habitat improved. 1.2 miles of natural channel restoration
Protect & Enhance Tributary Habitat	Tributary Water Quality	149	<i>unassigned</i>	Salmon River, Challis, Idaho, Section 206	COE	Begin construction FY02. Restore natural channel and geomorphic function up to 12 river miles.
Protect & Enhance Tributary Habitat	Tributary Water Quality	149	<i>unassigned</i>	Salmon River, Challis, Idaho, Section 206	COE	Begin construction FY02. Restore natural channel and geomorphic function up to 12 river miles.
Protect & Enhance Tributary Habitat	Tributary Water Quality	149	<i>unassigned</i>	Trout Creek, Section 206	COE	Begin construction. Restore natural channel and geomorphic function up to 3 river miles.
Protect & Enhance Tributary Habitat	Tributary Water Quality	149	<i>unassigned</i>	Salmon Creek, Vancouver, WA Section 206	COE	Begin construction
Protect & Enhance Tributary Habitat	Tributary Water Quality	149	<i>unassigned</i>	Fox Creek, Rainier, Oregon Section 1135	COE	Restore approximately 500' riparian habitat

Table 3: List of Habitat Projects

Strategy	Substrategy	RPA Action Num	Project ID Number	Project Title	Lead Agency	02 Work Expectation
Protect & Enhance Tributary Habitat	Tributary Water Quality	149	<i>unassigned</i>	Steigerwald Lake, Camas, Washougal, WA	COE	Reconnaissance study
Protect & Enhance Tributary Habitat	Tributary Water Quality	154	<i>unassigned</i>	Milton-Freewater Walla Walla River, OR, Section 1135	COE	Up to 25 hectares of floodplain restored.
Protect & Enhance Tributary Habitat	Tributary Water Quality	154	<i>unassigned</i>	Grande Ronde, LaGrande OR, Section 1135	COE	Improve 2 ½ river miles of habitat
Protect & Enhance Tributary Habitat	Tributary Water Quality	154	<i>unassigned</i>	Ladd Marsh Grande Ronde Ladd Creek, Section 206	COE	Restore natural function in up to one mile of creek.
Protect & Enhance Tributary Habitat	Tributary Water Quality	154	<i>unassigned</i>	East Birch Creek Umatilla County OR, Section 206	COE	Complete '02. Salmonid spawning and rearing habitat improved. 1.2 miles of natural channel restoration
Protect & Enhance Tributary Habitat	Tributary Water Quality	154	<i>unassigned</i>	Salmon River, Challis, Idaho, Section 206	COE	Begin construction FY02. Restore natural channel and geomorphic function up to 12 river miles.
Protect & Enhance Tributary Habitat	Tributary Water Quality	154	<i>unassigned</i>	Salmon River, Challis, Idaho, Section 206	COE	Begin construction FY02. Restore natural channel and geomorphic function up to 12 river miles.
Protect & Enhance Tributary Habitat	Tributary Water Quality	154	<i>unassigned</i>	Trout Creek, Section 206	COE	Begin construction. Restore natural channel and geomorphic function up to 3 river miles.
Protect & Enhance Tributary Habitat	Tributary Water Quality	154	<i>unassigned</i>	Salmon Creek, Vancouver, WA Section 206	COE	Begin construction
Protect & Enhance Tributary Habitat	Tributary Water Quality	154	<i>unassigned</i>	Fox Creek, Rainier, Oregon Section 1135	COE	Restore approximately 500' riparian habitat
Protect & Enhance Tributary Habitat	Tributary Water Quality	154	<i>unassigned</i>	Steigerwald Lake, Camas, Washougal, WA	COE	Reconnaissance study
Protect & Enhance Tributary Habitat	Tributary Water Quality	149	133	Mainstem & Middle Fork John Day Habitat Work	BPA	Riparian fencing on Middle Fk and mainstem John Day River tributaries.
Protect & Enhance Tributary Habitat	Tributary Water Quality	149	133	Mainstem & Middle Fork John Day Habitat Work	BPA	Riparian planting on Middle Fk and mainstem John Day River tributaries.
Protect & Enhance Tributary Habitat	Tributary Water Quality	149	133	Mainstem & Middle Fork John Day Habitat Work	BPA	Instream work on Middle Fk and mainstem John Day River tributaries.
Protect & Enhance Tributary Habitat	Tributary Water Quality	149	286	Umatilla Habitat Improvement / CTUIR	BPA	Anadromous habitat enhancement for Meacham Cr
Protect & Enhance Tributary Habitat	Tributary Water Quality	149	709	Model Watershed Studies - Lemhi River Basin	BPA	Watershed restoration in Lemhi River Basin, Pahsimeroi River basin and East Fork Salmon River basin
Protect & Enhance Tributary Habitat	Tributary Water Quality	149	850	Upper Salmon River Anadromous Fish Passage	BPA	Fishways
Protect & Enhance Tributary Habitat	Tributary Water Quality	149	850	Upper Salmon River Anadromous Fish Passage	BPA	Habitat enhancement and passage restoration through fishways, diversion headgates, improved water distribution, and acquired instream flow
Protect & Enhance Tributary Habitat	Tributary Water Quality	149	850	Upper Salmon River Anadromous Fish Passage	BPA	Diversion headgates, improved water distribution, and acquired instream flow
Protect & Enhance Tributary Habitat	Tributary Water Quality	149	852	Oregon Fish Screens Project	BPA	Fabricate & install fish screens in John Day, Umatilla, & Walla Walla Basins

Table 3: List of Habitat Projects

Strategy	Substrategy	RPA Action Num	Project ID Number	Project Title	Lead Agency	02 Work Expectation
Protect & Enhance Tributary Habitat	Tributary Water Quality	149	852	Oregon Fish Screens Project	BPA	La Grande fish screen shop
Protect & Enhance Tributary Habitat	Tributary Water Quality	149	852	Oregon Fish Screens Project	BPA	DeNiel fish passage structures in Trout Cr
Protect & Enhance Tributary Habitat	Tributary Water Quality	149	852	Oregon Fish Screens Project	BPA	John Day fish screen shop
Protect & Enhance Tributary Habitat	Tributary Water Quality	149	886	Idaho Fish Screening Improvement	BPA	Consolidate and screen diversions
Protect & Enhance Tributary Habitat	Tributary Water Quality	149	888	Idaho Model Watershed Habitat Projects	BPA	Riparian planting
Protect & Enhance Tributary Habitat	Tributary Water Quality	149	888	Idaho Model Watershed Habitat Projects	BPA	Resource Management System plans
Protect & Enhance Tributary Habitat	Tributary Water Quality	149	888	Idaho Model Watershed Habitat Projects	BPA	Controlling livestock grazing
Protect & Enhance Tributary Habitat	Tributary Water Quality	149	888	Idaho Model Watershed Habitat Projects	BPA	Riparian fencing
Protect & Enhance Tributary Habitat	Tributary Water Quality	149	888	Idaho Model Watershed Habitat Projects	BPA	Instream structures
Protect & Enhance Tributary Habitat	Tributary Water Quality	149	1095	Juvenile & Adult Passage- Walla Walla Basin	BPA	Screen/trap facilities
Protect & Enhance Tributary Habitat	Tributary Water Quality	149	1101	Walla Walla Basin Anadromous Fish Passage	BPA	Adult passage at irrigation diversion dams
Protect & Enhance Tributary Habitat	Tributary Water Quality	149	1141	Methow River Valley Irrigation District - YN	BPA	Pressurized irrigation system
Protect & Enhance Tributary Habitat	Tributary Water Quality	149	1141	Methow River Valley Irrigation District - YN	BPA	Increased instream flow
Protect & Enhance Tributary Habitat	Tributary Water Quality	149	1401	Gravel Push-Up Dam Removal Lower N FK John Day R	BPA	Pumping stations established
Protect & Enhance Tributary Habitat	Tributary Water Quality	149	1401	Gravel Push-Up Dam Removal Lower N FK John Day R	BPA	Monitoring of results
Protect & Enhance Tributary Habitat	Tributary Water Quality	149	1401	Gravel Push-Up Dam Removal Lower N FK John Day R	BPA	Pushup dams replaced
Protect & Enhance Tributary Habitat	Tributary Water Quality	149	1402	Irrigation & Riparian Improvements - John Day R	BPA	Push-up dams eliminated
Protect & Enhance Tributary Habitat	Tributary Water Quality	149	1402	Irrigation & Riparian Improvements - John Day R	BPA	Permanent intake structures
Protect & Enhance Tributary Habitat	Tributary Water Quality	149	1402	Irrigation & Riparian Improvements - John Day R	BPA	Alternative irrigation sources / techniques
Protect & Enhance Tributary Habitat	Tributary Water Quality	149	1408	Assess Salmonid Habitat Walla Walla Watershed - WA	BPA	Assesment of conditions and populations
Protect & Enhance Tributary Habitat	Tributary Water Quality	149	1478	Restore Salmon River - Challis Area	BPA	Restored fish habitat
Protect & Enhance Tributary Habitat	Tributary Water Quality	149	1497	Salmon Creek Instream Flow & Habitat Survey	BPA	Hydrologic model for the drainage
Protect & Enhance Tributary Habitat	Tributary Water Quality	149	1497	Salmon Creek Instream Flow & Habitat Survey	BPA	Fishery and water resources documented
Protect & Enhance Tributary Habitat	Tributary Water Quality	149	1575	Walla Walla River Fish Passage Operations	BPA	Passage facilities

Table 3: List of Habitat Projects

Strategy	Substrategy	RPA Action Num	Project ID Number	Project Title	Lead Agency	02 Work Expectation
Protect & Enhance Tributary Habitat	Tributary Water Quality	149	1575	Walla Walla River Fish Passage Operations	BPA	Trapping facilities
Protect & Enhance Tributary Habitat	Tributary Water Quality	149	1575	Walla Walla River Fish Passage Operations	BPA	Effectively utilizing transport equipment
Protect & Enhance Tributary Habitat	Tributary Water Quality	149	1734	Fifteen Mile Subbasin Water Right Acquisition	BPA	Acquired water rights
Protect & Enhance Tributary Habitat	Tributary Water Quality	149	1735	Salmon and Steelhead Exertion Study	BPA	Location of difficult fish passage sites
Protect & Enhance Tributary Habitat	Tributary Water Quality	149	1749	Gourley Creek Dam Fish Ladder	BPA	Eliminated fish passage barrier
Protect & Enhance Tributary Habitat	Tributary Water Quality	149	1750	Protect ESA Fish With Screens in Walla Walla Basin	BPA	Fish screens for 197 Walla Walla Basin irrigation diversions.
Protect & Enhance Tributary Habitat	Tributary Water Quality	149	1753	Farmers Irr Dist Mainstem Hood River Fish Screen	BPA	New horizontal fixed plate screen
Protect & Enhance Tributary Habitat	Tributary Water Quality	149	1762	Reconnect Little Morgan Creek to Pahsimeroi River	BPA	14.3 miles of historical anadromous habitat restored
Protect & Enhance Tributary Habitat	Tributary Water Quality	149	1762	Reconnect Little Morgan Creek to Pahsimeroi River	BPA	Little Morgan Creek reconnected with Pahsimeroi River
Protect & Enhance Tributary Habitat	Tributary Water Quality	149	1763	Restoration of Anadromous Fish Access to Hawley Cr	BPA	Reduced water temperatures
Protect & Enhance Tributary Habitat	Tributary Water Quality	149	1763	Restoration of Anadromous Fish Access to Hawley Cr	BPA	Restored riparian habitat
Protect & Enhance Tributary Habitat	Tributary Water Quality	149	1763	Restoration of Anadromous Fish Access to Hawley Cr	BPA	Improve irrigation methods
Protect & Enhance Tributary Habitat	Tributary Water Quality	149	1763	Restoration of Anadromous Fish Access to Hawley Cr	BPA	Hawley Creek reconnected to the Lemhi River
Protect & Enhance Tributary Habitat	Tributary Water Quality	149	1765	Supplemental Flows in Buck Hollow	BPA	Supplemented stream flow (1-1.5 cfs)
Protect & Enhance Tributary Habitat	Tributary Water Quality	149	1765	Supplemental Flows in Buck Hollow	BPA	headwater irrigation well
Protect & Enhance Tributary Habitat	Tributary Water Quality	149	1768	Trout Creek Streamflow Enhancement	BPA	Fish passage barriers removed
Protect & Enhance Tributary Habitat	Tributary Water Quality	149	1768	Trout Creek Streamflow Enhancement	BPA	Safer culverts
Protect & Enhance Tributary Habitat	Tributary Water Quality	149	1770	Badger Creek Culvert Replacement	BPA	Box culvert eliminating fish passage barrier
Protect & Enhance Tributary Habitat	Tributary Water Quality	149	1774	Touchet River Stream Flow Enhancement	BPA	Increased stream flows
Protect & Enhance Tributary Habitat	Tributary Water Quality	149	1774	Touchet River Stream Flow Enhancement	BPA	Acquired water rights
Protect & Enhance Tributary Habitat	Tributary Water Quality	149	1775	Lostine River Streamflow Enhancement	BPA	Increased stream flows
Protect & Enhance Tributary Habitat	Tributary Water Quality	149	1775	Lostine River Streamflow Enhancement	BPA	Acquired water rights
Protect & Enhance Tributary Habitat	Tributary Water Quality	149	1776	Methow River Basin Screening	BPA	new fish screens constructed
Protect & Enhance Tributary Habitat	Tributary Water Quality	149	1776	Methow River Basin Screening	BPA	Fish screen facilities upgrades

Table 3: List of Habitat Projects

Strategy	Substrategy	RPA Action Num	Project ID Number	Project Title	Lead Agency	02 Work Expectation
Protect & Enhance Tributary Habitat	Tributary Water Quality	149	1777	Simcoe Creek Streamflow Enhancement	BPA	Canal screens
Protect & Enhance Tributary Habitat	Tributary Water Quality	149	1777	Simcoe Creek Streamflow Enhancement	BPA	Ladders at two diversion dams
Protect & Enhance Tributary Habitat	Tributary Water Quality	149	1777	Simcoe Creek Streamflow Enhancement	BPA	Off site water facilities
Protect & Enhance Tributary Habitat	Tributary Water Quality	149	1778	Hancock Springs Passage & Habitat Restoration	BPA	Access to spring fed channel
Protect & Enhance Tributary Habitat	Tributary Water Quality	150	133	Mainstem & Middle Fork John Day Habitat Work	BPA	Instream work on Middle Fk and mainstem John Day River tributaries.
Protect & Enhance Tributary Habitat	Tributary Water Quality	150	133	Mainstem & Middle Fork John Day Habitat Work	BPA	Riparian planting on Middle Fk and mainstem John Day River tributaries.
Protect & Enhance Tributary Habitat	Tributary Water Quality	150	133	Mainstem & Middle Fork John Day Habitat Work	BPA	Riparian fencing on Middle Fk and mainstem John Day River tributaries.
Protect & Enhance Tributary Habitat	Tributary Water Quality	150	137	Joseph Creek & Grande Ronde River Habitat Work	BPA	Riparian fencing on Joseph Creek drainage and upper Grande Ronde R.
Protect & Enhance Tributary Habitat	Tributary Water Quality	150	137	Joseph Creek & Grande Ronde River Habitat Work	BPA	Instream work on Joseph Creek drainage and upper Grande Ronde R.
Protect & Enhance Tributary Habitat	Tributary Water Quality	150	286	Umatilla Habitat Improvement / CTUIR	BPA	Anadromous habitat enhancement for Meacham Cr
Protect & Enhance Tributary Habitat	Tributary Water Quality	150	287	Umatilla Fish Habitat Improvement / ODFW	BPA	Riparian fencing E & W Birch Creeks, Meacham Cr & North Fk of Meacham Cr
Protect & Enhance Tributary Habitat	Tributary Water Quality	150	287	Umatilla Fish Habitat Improvement / ODFW	BPA	Instream structures: E & W Birch Creeks, Meacham Cr & North Fk of Meacham Cr
Protect & Enhance Tributary Habitat	Tributary Water Quality	150	752	Lower Yakima Valley Riparian/Wetlands - Phase I	BPA	Protecting and enhancing riparian and wetland habitat in the Yakama Reservation.
Protect & Enhance Tributary Habitat	Tributary Water Quality	150	825	Fifteenmile Creek Habitat Improvement	BPA	Bank stabilization work in the Fifteenmile Creek Basin
Protect & Enhance Tributary Habitat	Tributary Water Quality	150	825	Fifteenmile Creek Habitat Improvement	BPA	Riparian fencing in the Fifteenmile Creek Basin
Protect & Enhance Tributary Habitat	Tributary Water Quality	150	888	Idaho Model Watershed Habitat Projects	BPA	Instream structures
Protect & Enhance Tributary Habitat	Tributary Water Quality	150	888	Idaho Model Watershed Habitat Projects	BPA	Controlling livestock grazing
Protect & Enhance Tributary Habitat	Tributary Water Quality	150	888	Idaho Model Watershed Habitat Projects	BPA	Resource Management System plans
Protect & Enhance Tributary Habitat	Tributary Water Quality	150	888	Idaho Model Watershed Habitat Projects	BPA	Riparian planting
Protect & Enhance Tributary Habitat	Tributary Water Quality	150	888	Idaho Model Watershed Habitat Projects	BPA	Riparian fencing
Protect & Enhance Tributary Habitat	Tributary Water Quality	150	898	Tucannon Stream & Riparian Restoration	BPA	Tucannon pool development
Protect & Enhance Tributary Habitat	Tributary Water Quality	150	898	Tucannon Stream & Riparian Restoration	BPA	Tucannon riparian planting

Table 3: List of Habitat Projects

Strategy	Substrategy	RPA Action Num	Project ID Number	Project Title	Lead Agency	02 Work Expectation
Protect & Enhance Tributary Habitat	Tributary Water Quality	150	898	Tucannon Stream & Riparian Restoration	BPA	Tucannon stream bank stabilization
Protect & Enhance Tributary Habitat	Tributary Water Quality	150	899	Pataha Creek Stream & Cropland Restoration	BPA	Riparian fencing
Protect & Enhance Tributary Habitat	Tributary Water Quality	150	899	Pataha Creek Stream & Cropland Restoration	BPA	Reduced sediment delivery
Protect & Enhance Tributary Habitat	Tributary Water Quality	150	899	Pataha Creek Stream & Cropland Restoration	BPA	Off site watering.
Protect & Enhance Tributary Habitat	Tributary Water Quality	150	899	Pataha Creek Stream & Cropland Restoration	BPA	Riparian vegetation management
Protect & Enhance Tributary Habitat	Tributary Water Quality	150	929	Trout Creek Operation & Maintenance	BPA	O & M of habitat improvements
Protect & Enhance Tributary Habitat	Tributary Water Quality	150	929	Trout Creek Operation & Maintenance	BPA	M & E of habitat improvements / smolt production
Protect & Enhance Tributary Habitat	Tributary Water Quality	150	937	Salmon River Habitat Enhancement and O&M	BPA	M & E of habitat improvements
Protect & Enhance Tributary Habitat	Tributary Water Quality	150	937	Salmon River Habitat Enhancement and O&M	BPA	O & M of habitat improvements
Protect & Enhance Tributary Habitat	Tributary Water Quality	150	1034	Squaw Creek Watershed Wildlife Project	BPA	Implemented management plan
Protect & Enhance Tributary Habitat	Tributary Water Quality	150	1034	Squaw Creek Watershed Wildlife Project	BPA	Purchased land
Protect & Enhance Tributary Habitat	Tributary Water Quality	150	1089	Upper Salmon River Diversion Consolidation Program	BPA	Consolidate diversions and screen
Protect & Enhance Tributary Habitat	Tributary Water Quality	150	1141	Methow River Valley Irrigation District - YN	BPA	Increased instream flow
Protect & Enhance Tributary Habitat	Tributary Water Quality	150	1141	Methow River Valley Irrigation District - YN	BPA	Pressurized irrigation system
Protect & Enhance Tributary Habitat	Tributary Water Quality	150	1143	Yakima Watershed Restoration - Satus Creek - YIN	BPA	Improved fish habitat
Protect & Enhance Tributary Habitat	Tributary Water Quality	150	1163	Walla Walla River Basin Fish Habitat Enhancement	BPA	Stabilized banks
Protect & Enhance Tributary Habitat	Tributary Water Quality	150	1163	Walla Walla River Basin Fish Habitat Enhancement	BPA	Riparian fencing
Protect & Enhance Tributary Habitat	Tributary Water Quality	150	1163	Walla Walla River Basin Fish Habitat Enhancement	BPA	Noxious weed control
Protect & Enhance Tributary Habitat	Tributary Water Quality	150	1205	Nez Perce NE Oregon Wildlife Project: Helm Tract	BPA	Helm Tract additions
Protect & Enhance Tributary Habitat	Tributary Water Quality	150	1208	Grande Ronde Watershed Restoration - CTUIR	BPA	Enhanced riparian habitat
Protect & Enhance Tributary Habitat	Tributary Water Quality	150	1208	Grande Ronde Watershed Restoration - CTUIR	BPA	Enhanced instream habitat
Protect & Enhance Tributary Habitat	Tributary Water Quality	150	1208	Grande Ronde Watershed Restoration - CTUIR	BPA	Enhanced water quality
Protect & Enhance Tributary Habitat	Tributary Water Quality	150	1208	Grande Ronde Watershed Restoration - CTUIR	BPA	Enhanced water quantity
Protect & Enhance Tributary Habitat	Tributary Water Quality	150	1263	Wallowa County/Nez Perce Salmon Habitat Recovery	BPA	Monitoring of the Salmon Habitat Recovery Plan

Table 3: List of Habitat Projects

Strategy	Substrategy	RPA Action Num	Project ID Number	Project Title	Lead Agency	02 Work Expectation
Protect & Enhance Tributary Habitat	Tributary Water Quality	150	1263	Wallowa County/Nez Perce Salmon Habitat Recovery	BPA	Implementation of the Salmon Habitat Recovery Plan
Protect & Enhance Tributary Habitat	Tributary Water Quality	150	1358	Cottonwood Creek Riparian Enhancement/Wallowa	BPA	Road removed from riparian zone where possible
Protect & Enhance Tributary Habitat	Tributary Water Quality	150	1358	Cottonwood Creek Riparian Enhancement/Wallowa	BPA	Eroded road restored
Protect & Enhance Tributary Habitat	Tributary Water Quality	150	1358	Cottonwood Creek Riparian Enhancement/Wallowa	BPA	Cut banks armored
Protect & Enhance Tributary Habitat	Tributary Water Quality	150	1358	Cottonwood Creek Riparian Enhancement/Wallowa	BPA	Bridges repaired
Protect & Enhance Tributary Habitat	Tributary Water Quality	150	1361	Water Quality Monitoring for Grande Ronde Basin	BPA	Coordinated monitoring
Protect & Enhance Tributary Habitat	Tributary Water Quality	150	1361	Water Quality Monitoring for Grande Ronde Basin	BPA	Reports of conditions and trends
Protect & Enhance Tributary Habitat	Tributary Water Quality	150	1361	Water Quality Monitoring for Grande Ronde Basin	BPA	Expanded monitoring program
Protect & Enhance Tributary Habitat	Tributary Water Quality	150	1409	Hood River Fish Habitat	BPA	Alternative irrigation water source developed
Protect & Enhance Tributary Habitat	Tributary Water Quality	150	1409	Hood River Fish Habitat	BPA	Rip rap stream banks
Protect & Enhance Tributary Habitat	Tributary Water Quality	150	1409	Hood River Fish Habitat	BPA	Riparian fencing
Protect & Enhance Tributary Habitat	Tributary Water Quality	150	1409	Hood River Fish Habitat	BPA	Problems resolved at diversions
Protect & Enhance Tributary Habitat	Tributary Water Quality	150	1411	Acquisition of Pine Creek Ranch	BPA	Pine Creek Ranch
Protect & Enhance Tributary Habitat	Tributary Water Quality	150	1442	Mcintyre Road Relocation - Union County	BPA	Reconstructed county road
Protect & Enhance Tributary Habitat	Tributary Water Quality	150	1442	Mcintyre Road Relocation - Union County	BPA	Obliterated road
Protect & Enhance Tributary Habitat	Tributary Water Quality	150	1444	Grouse Creek Culvert Replacement	BPA	Grouse Creek multi-plate arch culvert
Protect & Enhance Tributary Habitat	Tributary Water Quality	150	1444	Grouse Creek Culvert Replacement	BPA	Road raised and alignment improved
Protect & Enhance Tributary Habitat	Tributary Water Quality	150	1465	Bakeoven Riparian Assessment	BPA	Watershed restoration plan
Protect & Enhance Tributary Habitat	Tributary Water Quality	150	1465	Bakeoven Riparian Assessment	BPA	Fencing
Protect & Enhance Tributary Habitat	Tributary Water Quality	150	1465	Bakeoven Riparian Assessment	BPA	Watershed monitoring plan
Protect & Enhance Tributary Habitat	Tributary Water Quality	150	1465	Bakeoven Riparian Assessment	BPA	Off-site water developments
Protect & Enhance Tributary Habitat	Tributary Water Quality	150	1465	Bakeoven Riparian Assessment	BPA	Assessment of Bakeoven watershed conditions
Protect & Enhance Tributary Habitat	Tributary Water Quality	150	1465	Bakeoven Riparian Assessment	BPA	Revegetation
Protect & Enhance Tributary Habitat	Tributary Water Quality	150	1503	Union County Technical Engineering Assistance	BPA	Technical support

Table 3: List of Habitat Projects

Strategy	Substrategy	RPA Action Num	Project ID Number	Project Title	Lead Agency	02 Work Expectation
Protect & Enhance Tributary Habitat	Tributary Water Quality	150	1504	Wallowa County Technical Engineering Assistance	BPA	Water Temperature Software Project
Protect & Enhance Tributary Habitat	Tributary Water Quality	150	1505	Water Temp Manipulation & Data Sharing Software	BPA	Public domain software program for water temperature data collection and analysis
Protect & Enhance Tributary Habitat	Tributary Water Quality	150	1521	Grande Ronde - Union SWCD Chan, Rd & Passage Rest	BPA	Phillips Creek bridge,
Protect & Enhance Tributary Habitat	Tributary Water Quality	150	1521	Grande Ronde - Union SWCD Chan, Rd & Passage Rest	BPA	Grande Ronde bank work
Protect & Enhance Tributary Habitat	Tributary Water Quality	150	1521	Grande Ronde - Union SWCD Chan, Rd & Passage Rest	BPA	Mill Creek / Caldwell diversion dam passage improvement
Protect & Enhance Tributary Habitat	Tributary Water Quality	150	1521	Grande Ronde - Union SWCD Chan, Rd & Passage Rest	BPA	Smutz Draw road relocation
Protect & Enhance Tributary Habitat	Tributary Water Quality	150	1522	Grande Ronde - Union SWCD Riparian, Upland Rest	BPA	Ladd Creek riparian fence
Protect & Enhance Tributary Habitat	Tributary Water Quality	150	1522	Grande Ronde - Union SWCD Riparian, Upland Rest	BPA	Cattle watering troughs
Protect & Enhance Tributary Habitat	Tributary Water Quality	150	1522	Grande Ronde - Union SWCD Riparian, Upland Rest	BPA	Soil aerator
Protect & Enhance Tributary Habitat	Tributary Water Quality	150	1524	Alpine Meadows - Trout Creek Restoration	BPA	Eroding Trout Creek channel stabilized
Protect & Enhance Tributary Habitat	Tributary Water Quality	150	1530	Wallowa County Gauging Stations	BPA	Maintain seven stream gages
Protect & Enhance Tributary Habitat	Tributary Water Quality	150	1531	Hagedorn Road Relocation/Stream Restoration	BPA	Hagedorn Road relocated
Protect & Enhance Tributary Habitat	Tributary Water Quality	150	1531	Hagedorn Road Relocation/Stream Restoration	BPA	Old Hagedorn Road obliterated
Protect & Enhance Tributary Habitat	Tributary Water Quality	150	1533	Grande Ronde Basin Tech Engineering Assistance	BPA	Technical support
Protect & Enhance Tributary Habitat	Tributary Water Quality	150	1537	Wallowa County Direct Seeding	BPA	No-till agriculture demonstration
Protect & Enhance Tributary Habitat	Tributary Water Quality	150	1538	Crow Cr Star Thistle Containment & Riparian Enhanc	BPA	Noxious weed control
Protect & Enhance Tributary Habitat	Tributary Water Quality	150	1538	Crow Cr Star Thistle Containment & Riparian Enhanc	BPA	Spalding catchfly protected
Protect & Enhance Tributary Habitat	Tributary Water Quality	150	1557	Acquire Oxbow Ranch Middle Fork John Day River	BPA	Oxbow Ranch
Protect & Enhance Tributary Habitat	Tributary Water Quality	150	1562	WLMitigation Sites Oregon, Wenaha WMA Additions	BPA	Enhanced Wenaha WMA
Protect & Enhance Tributary Habitat	Tributary Water Quality	150	1562	WLMitigation Sites Oregon, Wenaha WMA Additions	BPA	Land acquisition or easement
Protect & Enhance Tributary Habitat	Tributary Water Quality	150	1563	WL Mitigation Sites Oregon, Ladd Marsh Additions	BPA	Enhanced additions to Ladd Marsh WMA
Protect & Enhance Tributary Habitat	Tributary Water Quality	150	1563	WL Mitigation Sites Oregon, Ladd Marsh Additions	BPA	Ladd Marsh WMA additions
Protect & Enhance Tributary Habitat	Tributary Water Quality	150	1573	Enhance North Fork John Day River Subbasin - CTUIR	BPA	Enhanced properties

Table 3: List of Habitat Projects

Strategy	Substrategy	RPA Action Num	Project ID Number	Project Title	Lead Agency	02 Work Expectation
Protect & Enhance Tributary Habitat	Tributary Water Quality	150	1573	Enhance North Fork John Day River Subbasin - CTUIR	BPA	Monitored projects
Protect & Enhance Tributary Habitat	Tributary Water Quality	150	1573	Enhance North Fork John Day River Subbasin - CTUIR	BPA	Watershed plan
Protect & Enhance Tributary Habitat	Tributary Water Quality	150	1607	Conservation Reserve Enhancement Program Incentive	BPA	Riparian protective strips along streams
Protect & Enhance Tributary Habitat	Tributary Water Quality	150	1609	Mccoey Cr Alta Cunha Ranches Instream Restoration	BPA	Replanted riparian zone
Protect & Enhance Tributary Habitat	Tributary Water Quality	150	1609	Mccoey Cr Alta Cunha Ranches Instream Restoration	BPA	Pasture rest
Protect & Enhance Tributary Habitat	Tributary Water Quality	150	1609	Mccoey Cr Alta Cunha Ranches Instream Restoration	BPA	Large woody debris in stream
Protect & Enhance Tributary Habitat	Tributary Water Quality	150	1609	Mccoey Cr Alta Cunha Ranches Instream Restoration	BPA	McCoy Creek pasture fences
Protect & Enhance Tributary Habitat	Tributary Water Quality	150	1609	Mccoey Cr Alta Cunha Ranches Instream Restoration	BPA	Obliterated 3000 feet of abandoned railroad grade
Protect & Enhance Tributary Habitat	Tributary Water Quality	150	1623	Asotin Watershed Grazing Biological Plan	BPA	Weed control
Protect & Enhance Tributary Habitat	Tributary Water Quality	150	1624	Rainwater Wildlife O & M	BPA	M & E for Rainwater Wildlife Area
Protect & Enhance Tributary Habitat	Tributary Water Quality	150	1731	Fifteen Mile Creek Riparian Fencing/Stream Survey	BPA	Riparian fencing
Protect & Enhance Tributary Habitat	Tributary Water Quality	150	1731	Fifteen Mile Creek Riparian Fencing/Stream Survey	BPA	Physical evaluation of streams
Protect & Enhance Tributary Habitat	Tributary Water Quality	150	1746	Protect Bear Valley Wild Salmon Spawning Habitat	BPA	Closed Grazing allotment
Protect & Enhance Tributary Habitat	Tributary Water Quality	150	1748	Arrowleaf/Methow River Conservation	BPA	Arrowleaf property
Protect & Enhance Tributary Habitat	Tributary Water Quality	150	1751	Wagner Ranch Acquisition	BPA	Wagner Ranch
Protect & Enhance Tributary Habitat	Tributary Water Quality	150	1752	Forrest Ranch Acquisition	BPA	Forrest Ranch
Protect & Enhance Tributary Habitat	Tributary Water Quality	150	1754	Acquire 27,000 Camp Creek Ranch at Zumwalt Prairie	BPA	27,000 acres of Zumwalt Prairie
Protect & Enhance Tributary Habitat	Tributary Water Quality	150	1755	Conservation Easement, Baker Ranch, Salmon River	BPA	70 cfs remaining in stream thru closure of 7 diversions
Protect & Enhance Tributary Habitat	Tributary Water Quality	150	1755	Conservation Easement, Baker Ranch, Salmon River	BPA	Protected riparian areas
Protect & Enhance Tributary Habitat	Tributary Water Quality	150	1755	Conservation Easement, Baker Ranch, Salmon River	BPA	Conservation easement
Protect & Enhance Tributary Habitat	Tributary Water Quality	150	1755	Conservation Easement, Baker Ranch, Salmon River	BPA	Restored stream banks
Protect & Enhance Tributary Habitat	Tributary Water Quality	151	133	Mainstem & Middle Fork John Day Habitat Work	BPA	Instream work on Middle Fk and mainstem John Day River tributaries.
Protect & Enhance Tributary Habitat	Tributary Water Quality	151	133	Mainstem & Middle Fork John Day Habitat Work	BPA	Riparian fencing on Middle Fk and mainstem John Day River tributaries.
Protect & Enhance Tributary Habitat	Tributary Water Quality	151	133	Mainstem & Middle Fork John Day Habitat Work	BPA	Riparian planting on Middle Fk and mainstem John Day River tributaries.

Table 3: List of Habitat Projects

Strategy	Substrategy	RPA Action Num	Project ID Number	Project Title	Lead Agency	02 Work Expectation
Protect & Enhance Tributary Habitat	Tributary Water Quality	151	286	Umatilla Habitat Improvement / CTUIR	BPA	Anadromous habitat enhancement for Meacham Cr
Protect & Enhance Tributary Habitat	Tributary Water Quality	151	1141	Methow River Valley Irrigation District - YN	BPA	Increased instream flow
Protect & Enhance Tributary Habitat	Tributary Water Quality	151	1141	Methow River Valley Irrigation District - YN	BPA	Pressurized irrigation system
Protect & Enhance Tributary Habitat	Tributary Water Quality	151	1467	15 Mile Creek Water Right Acquisition	BPA	Increase stream flow
Protect & Enhance Tributary Habitat	Tributary Water Quality	151	1467	15 Mile Creek Water Right Acquisition	BPA	Acquired water rights
Protect & Enhance Tributary Habitat	Tributary Water Quality	151	1725	Echo Meadow Winter Artificial Recharge	BPA	Linkages between winter artificial recharge of groundwater to the return flows
Protect & Enhance Tributary Habitat	Tributary Water Quality	152	287	Umatilla Fish Habitat Improvement / ODFW	BPA	Riparian fencing E & W Birch Creeks, Meacham Cr & North Fk of Meacham Cr
Protect & Enhance Tributary Habitat	Tributary Water Quality	152	287	Umatilla Fish Habitat Improvement / ODFW	BPA	Instream structures: E & W Birch Creeks, Meacham Cr & North Fk of Meacham Cr
Protect & Enhance Tributary Habitat	Tributary Water Quality	152	707	Grande Ronde Model Watershed Development	BPA	Habitat restoration in the Grande Ronde basin
Protect & Enhance Tributary Habitat	Tributary Water Quality	152	709	Model Watershed Studies - Lemhi River Basin	BPA	Watershed restoration in Lemhi River Basin, Pahsimeroi River basin and East Fork Salmon River basin
Protect & Enhance Tributary Habitat	Tributary Water Quality	152	819	Red River Restoration (Little Ponderosa Ranch)	BPA	Bank stabilization in lower Red River Meadow.
Protect & Enhance Tributary Habitat	Tributary Water Quality	152	819	Red River Restoration (Little Ponderosa Ranch)	BPA	Riparian cover and temperature control in lower Red River Meadow.
Protect & Enhance Tributary Habitat	Tributary Water Quality	152	898	Tucannon Stream & Riparian Restoration	BPA	Tucannon riparian planting
Protect & Enhance Tributary Habitat	Tributary Water Quality	152	898	Tucannon Stream & Riparian Restoration	BPA	Tucannon stream bank stabilization
Protect & Enhance Tributary Habitat	Tributary Water Quality	152	898	Tucannon Stream & Riparian Restoration	BPA	Tucannon pool development
Protect & Enhance Tributary Habitat	Tributary Water Quality	152	899	Pataha Creek Stream & Cropland Restoration	BPA	Riparian fencing
Protect & Enhance Tributary Habitat	Tributary Water Quality	152	899	Pataha Creek Stream & Cropland Restoration	BPA	Reduced sediment delivery
Protect & Enhance Tributary Habitat	Tributary Water Quality	152	899	Pataha Creek Stream & Cropland Restoration	BPA	Off site watering.
Protect & Enhance Tributary Habitat	Tributary Water Quality	152	899	Pataha Creek Stream & Cropland Restoration	BPA	Riparian vegetation management
Protect & Enhance Tributary Habitat	Tributary Water Quality	152	926	Wallowa Basin Project Planning	BPA	Watershed plan
Protect & Enhance Tributary Habitat	Tributary Water Quality	152	929	Trout Creek Operation & Maintenance	BPA	M & E of habitat improvements / smolt production
Protect & Enhance Tributary Habitat	Tributary Water Quality	152	929	Trout Creek Operation & Maintenance	BPA	O & M of habitat improvements

Table 3: List of Habitat Projects

Strategy	Substrategy	RPA Action Num	Project ID Number	Project Title	Lead Agency	02 Work Expectation
Protect & Enhance Tributary Habitat	Tributary Water Quality	152	1034	Squaw Creek Watershed Wildlife Project	BPA	Implemented management plan
Protect & Enhance Tributary Habitat	Tributary Water Quality	152	1034	Squaw Creek Watershed Wildlife Project	BPA	Purchased land
Protect & Enhance Tributary Habitat	Tributary Water Quality	152	1089	Upper Salmon River Diversion Consolidation Program	BPA	Consolidate diversions and screen
Protect & Enhance Tributary Habitat	Tributary Water Quality	152	1143	Yakima Watershed Restoration - Satus Creek - YIN	BPA	Improved fish habitat
Protect & Enhance Tributary Habitat	Tributary Water Quality	152	1163	Walla Walla River Basin Fish Habitat Enhancement	BPA	Noxious weed control
Protect & Enhance Tributary Habitat	Tributary Water Quality	152	1163	Walla Walla River Basin Fish Habitat Enhancement	BPA	Riparian fencing
Protect & Enhance Tributary Habitat	Tributary Water Quality	152	1163	Walla Walla River Basin Fish Habitat Enhancement	BPA	Stabilized banks
Protect & Enhance Tributary Habitat	Tributary Water Quality	152	1170	Clear Cr & NF John Day Dredge-Tailings Restoration	BPA	Improved stream channel
Protect & Enhance Tributary Habitat	Tributary Water Quality	152	1170	Clear Cr & NF John Day Dredge-Tailings Restoration	BPA	Redistributed dredge tailings
Protect & Enhance Tributary Habitat	Tributary Water Quality	152	1401	Gravel Push-Up Dam Removal Lower N FK John Day R	BPA	Monitoring of results
Protect & Enhance Tributary Habitat	Tributary Water Quality	152	1401	Gravel Push-Up Dam Removal Lower N FK John Day R	BPA	Pumping stations established
Protect & Enhance Tributary Habitat	Tributary Water Quality	152	1401	Gravel Push-Up Dam Removal Lower N FK John Day R	BPA	Pushup dams replaced
Protect & Enhance Tributary Habitat	Tributary Water Quality	152	1402	Irrigation & Riparian Improvements - John Day R	BPA	Push-up dams eliminated
Protect & Enhance Tributary Habitat	Tributary Water Quality	152	1402	Irrigation & Riparian Improvements - John Day R	BPA	Permanent intake structures
Protect & Enhance Tributary Habitat	Tributary Water Quality	152	1402	Irrigation & Riparian Improvements - John Day R	BPA	Alternative irrigation sources / techniques
Protect & Enhance Tributary Habitat	Tributary Water Quality	152	1419	Implement Trout Creek Watershed Enhancement	BPA	Watershed plan
Protect & Enhance Tributary Habitat	Tributary Water Quality	152	1419	Implement Trout Creek Watershed Enhancement	BPA	Implemented restoration plan
Protect & Enhance Tributary Habitat	Tributary Water Quality	152	1419	Implement Trout Creek Watershed Enhancement	BPA	Infiltration galleries
Protect & Enhance Tributary Habitat	Tributary Water Quality	152	1425	Establish Safe Access Tributaries -Yakima Subbasin	BPA	Riparian fencing
Protect & Enhance Tributary Habitat	Tributary Water Quality	152	1425	Establish Safe Access Tributaries -Yakima Subbasin	BPA	Purchased property / easements
Protect & Enhance Tributary Habitat	Tributary Water Quality	152	1425	Establish Safe Access Tributaries -Yakima Subbasin	BPA	Reestablished passage into tributary habitats
Protect & Enhance Tributary Habitat	Tributary Water Quality	152	1465	Bakeoven Riparian Assessment	BPA	Watershed monitoring plan
Protect & Enhance Tributary Habitat	Tributary Water Quality	152	1465	Bakeoven Riparian Assessment	BPA	Fencing
Protect & Enhance Tributary Habitat	Tributary Water Quality	152	1465	Bakeoven Riparian Assessment	BPA	Off-site water developments

Table 3: List of Habitat Projects

Strategy	Substrategy	RPA Action Num	Project ID Number	Project Title	Lead Agency	02 Work Expectation
Protect & Enhance Tributary Habitat	Tributary Water Quality	152	1465	Bakeoven Riparian Assessment	BPA	Assessment of Bakeoven watershed conditions
Protect & Enhance Tributary Habitat	Tributary Water Quality	152	1465	Bakeoven Riparian Assessment	BPA	Revegetation
Protect & Enhance Tributary Habitat	Tributary Water Quality	152	1465	Bakeoven Riparian Assessment	BPA	Watershed restoration plan
Protect & Enhance Tributary Habitat	Tributary Water Quality	152	1469	Pine Hollow Watershed Enhancement	BPA	Master plan
Protect & Enhance Tributary Habitat	Tributary Water Quality	152	1469	Pine Hollow Watershed Enhancement	BPA	Springs developed
Protect & Enhance Tributary Habitat	Tributary Water Quality	152	1469	Pine Hollow Watershed Enhancement	BPA	Cross fencing
Protect & Enhance Tributary Habitat	Tributary Water Quality	152	1469	Pine Hollow Watershed Enhancement	BPA	Critical areas reseeded
Protect & Enhance Tributary Habitat	Tributary Water Quality	152	1469	Pine Hollow Watershed Enhancement	BPA	Replanted riparian areas.
Protect & Enhance Tributary Habitat	Tributary Water Quality	152	1472	Ahtanum Creek Watershed Assessment	BPA	Water discharge & temperature monitored
Protect & Enhance Tributary Habitat	Tributary Water Quality	152	1472	Ahtanum Creek Watershed Assessment	BPA	Assessed stream habitat conditions
Protect & Enhance Tributary Habitat	Tributary Water Quality	152	1472	Ahtanum Creek Watershed Assessment	BPA	Assessed salmonid populated
Protect & Enhance Tributary Habitat	Tributary Water Quality	152	1472	Ahtanum Creek Watershed Assessment	BPA	Irrigated lands & water delivery systems mapped
Protect & Enhance Tributary Habitat	Tributary Water Quality	152	1473	Restore Anadromous Fish Habitat - Little Canyon Cr	BPA	Vegetation management
Protect & Enhance Tributary Habitat	Tributary Water Quality	152	1473	Restore Anadromous Fish Habitat - Little Canyon Cr	BPA	Fencing
Protect & Enhance Tributary Habitat	Tributary Water Quality	152	1473	Restore Anadromous Fish Habitat - Little Canyon Cr	BPA	Sediment control basins
Protect & Enhance Tributary Habitat	Tributary Water Quality	152	1473	Restore Anadromous Fish Habitat - Little Canyon Cr	BPA	Modified agricultural techniques
Protect & Enhance Tributary Habitat	Tributary Water Quality	152	1474	Restore Anadromous Fish Habitat - Nichols Canyon	BPA	Improved steelhead spawning & rearing habitat
Protect & Enhance Tributary Habitat	Tributary Water Quality	152	1474	Restore Anadromous Fish Habitat - Nichols Canyon	BPA	Coordination of funding and effort
Protect & Enhance Tributary Habitat	Tributary Water Quality	152	1474	Restore Anadromous Fish Habitat - Nichols Canyon	BPA	Improved agricultural /range land useage
Protect & Enhance Tributary Habitat	Tributary Water Quality	152	1481	Pataha Watershed Project Planning & Implementation	BPA	Pataha Creek Model Watershed Plan
Protect & Enhance Tributary Habitat	Tributary Water Quality	152	1481	Pataha Watershed Project Planning & Implementation	BPA	Water quality monitored
Protect & Enhance Tributary Habitat	Tributary Water Quality	153	137	Joseph Creek & Grande Ronde River Habitat Work	BPA	Instream work on Joseph Creek drainage and upper Grande Ronde R.
Protect & Enhance Tributary Habitat	Tributary Water Quality	153	137	Joseph Creek & Grande Ronde River Habitat Work	BPA	Riparian fencing on Joseph Creek drainage and upper Grande Ronde R.
Protect & Enhance Tributary Habitat	Tributary Water Quality	153	707	Grande Ronde Model Watershed Development	BPA	Habitat restoration in the Grande Ronde basin

Table 3: List of Habitat Projects

Strategy	Substrategy	RPA Action Num	Project ID Number	Project Title	Lead Agency	02 Work Expectation
Protect & Enhance Tributary Habitat	Tributary Water Quality	153	888	Idaho Model Watershed Habitat Projects	BPA	Riparian fencing
Protect & Enhance Tributary Habitat	Tributary Water Quality	153	888	Idaho Model Watershed Habitat Projects	BPA	Resource Management System plans
Protect & Enhance Tributary Habitat	Tributary Water Quality	153	888	Idaho Model Watershed Habitat Projects	BPA	Controlling livestock grazing
Protect & Enhance Tributary Habitat	Tributary Water Quality	153	888	Idaho Model Watershed Habitat Projects	BPA	Riparian planting
Protect & Enhance Tributary Habitat	Tributary Water Quality	153	888	Idaho Model Watershed Habitat Projects	BPA	Instream structures
Protect & Enhance Tributary Habitat	Tributary Water Quality	153	926	Wallowa Basin Project Planning	BPA	Watershed plan
Protect & Enhance Tributary Habitat	Tributary Water Quality	153	1548	Training Support to Nrcs/Wildland Hydrology	BPA	Fluvial geomorphology short course attendees
Protect & Enhance Tributary Habitat	Tributary Water Quality	153	1573	Enhance North Fork John Day River Subbasin - CTUIR	BPA	Enhanced properties
Protect & Enhance Tributary Habitat	Tributary Water Quality	153	1573	Enhance North Fork John Day River Subbasin - CTUIR	BPA	Monitored projects
Protect & Enhance Tributary Habitat	Tributary Water Quality	153	1573	Enhance North Fork John Day River Subbasin - CTUIR	BPA	Watershed plan
Protect & Enhance Tributary Habitat	Tributary Water Quality	153	1607	Conservation Reserve Enhancement Program Incentive	BPA	Riparian protective strips along streams
Protect & Enhance Tributary Habitat	Tributary Water Quality	153	1732	Fifteen Mile Creek Riparian Buffers	BPA	Riparian buffer
Protect & Enhance Tributary Habitat	Tributary Water Quality	154	287	Umatilla Fish Habitat Improvement / ODFW	BPA	Riparian fencing E & W Birch Creeks, Meacham Cr & North Fk of Meacham Cr
Protect & Enhance Tributary Habitat	Tributary Water Quality	154	287	Umatilla Fish Habitat Improvement / ODFW	BPA	Instream structures: E & W Birch Creeks, Meacham Cr & North Fk of Meacham Cr
Protect & Enhance Tributary Habitat	Tributary Water Quality	154	710	Life Studies of Spring Chinook -Grande Ronde River	BPA	Study report on the abundance, migration patterns, survival, and habitat use of spring chinook salmon juveniles in the Grande Ronde River basin.
Protect & Enhance Tributary Habitat	Tributary Water Quality	154	819	Red River Restoration (Little Ponderosa Ranch)	BPA	Bank stabilization in lower Red River Meadow.
Protect & Enhance Tributary Habitat	Tributary Water Quality	154	819	Red River Restoration (Little Ponderosa Ranch)	BPA	Riparian cover and temperature control in lower Red River Meadow.
Protect & Enhance Tributary Habitat	Tributary Water Quality	154	888	Idaho Model Watershed Habitat Projects	BPA	Instream structures
Protect & Enhance Tributary Habitat	Tributary Water Quality	154	888	Idaho Model Watershed Habitat Projects	BPA	Controlling livestock grazing
Protect & Enhance Tributary Habitat	Tributary Water Quality	154	888	Idaho Model Watershed Habitat Projects	BPA	Riparian planting
Protect & Enhance Tributary Habitat	Tributary Water Quality	154	888	Idaho Model Watershed Habitat Projects	BPA	Riparian fencing
Protect & Enhance Tributary Habitat	Tributary Water Quality	154	888	Idaho Model Watershed Habitat Projects	BPA	Resource Management System plans

Table 3: List of Habitat Projects

Strategy	Substrategy	RPA Action Num	Project ID Number	Project Title	Lead Agency	02 Work Expectation
Protect & Enhance Tributary Habitat	Tributary Water Quality	154	898	Tucannon Stream & Riparian Restoration	BPA	Tucannon stream bank stabilization
Protect & Enhance Tributary Habitat	Tributary Water Quality	154	898	Tucannon Stream & Riparian Restoration	BPA	Tucannon riparian planting
Protect & Enhance Tributary Habitat	Tributary Water Quality	154	898	Tucannon Stream & Riparian Restoration	BPA	Tucannon pool development
Protect & Enhance Tributary Habitat	Tributary Water Quality	154	899	Pataha Creek Stream & Cropland Restoration	BPA	Riparian fencing
Protect & Enhance Tributary Habitat	Tributary Water Quality	154	899	Pataha Creek Stream & Cropland Restoration	BPA	Reduced sediment delivery
Protect & Enhance Tributary Habitat	Tributary Water Quality	154	899	Pataha Creek Stream & Cropland Restoration	BPA	Off site watering.
Protect & Enhance Tributary Habitat	Tributary Water Quality	154	899	Pataha Creek Stream & Cropland Restoration	BPA	Riparian vegetation management
Protect & Enhance Tributary Habitat	Tributary Water Quality	154	929	Trout Creek Operation & Maintenance	BPA	O & M of habitat improvements
Protect & Enhance Tributary Habitat	Tributary Water Quality	154	929	Trout Creek Operation & Maintenance	BPA	M & E of habitat improvements / smolt production
Protect & Enhance Tributary Habitat	Tributary Water Quality	154	1034	Squaw Creek Watershed Wildlife Project	BPA	Implemented management plan
Protect & Enhance Tributary Habitat	Tributary Water Quality	154	1034	Squaw Creek Watershed Wildlife Project	BPA	Purchased land
Protect & Enhance Tributary Habitat	Tributary Water Quality	154	1089	Upper Salmon River Diversion Consolidation Program	BPA	Consolidate diversions and screen
Protect & Enhance Tributary Habitat	Tributary Water Quality	154	1143	Yakima Watershed Restoration - Satus Creek - YIN	BPA	Improved fish habitat
Protect & Enhance Tributary Habitat	Tributary Water Quality	154	1163	Walla Walla River Basin Fish Habitat Enhancement	BPA	Riparian fencing
Protect & Enhance Tributary Habitat	Tributary Water Quality	154	1163	Walla Walla River Basin Fish Habitat Enhancement	BPA	Noxious weed control
Protect & Enhance Tributary Habitat	Tributary Water Quality	154	1163	Walla Walla River Basin Fish Habitat Enhancement	BPA	Stabilized banks
Protect & Enhance Tributary Habitat	Tributary Water Quality	154	1170	Clear Cr & NF John Day Dredge-Tailings Restoration	BPA	Redistributed dredge tailings
Protect & Enhance Tributary Habitat	Tributary Water Quality	154	1170	Clear Cr & NF John Day Dredge-Tailings Restoration	BPA	Improved stream channel
Protect & Enhance Tributary Habitat	Tributary Water Quality	154	1198	Protect and Restore Lolo Creek Watershed	BPA	Cattle excluded from critical riparian areas
Protect & Enhance Tributary Habitat	Tributary Water Quality	154	1198	Protect and Restore Lolo Creek Watershed	BPA	Obliterated roads
Protect & Enhance Tributary Habitat	Tributary Water Quality	154	1198	Protect and Restore Lolo Creek Watershed	BPA	Stablized landslide sites
Protect & Enhance Tributary Habitat	Tributary Water Quality	154	1199	Protect & Restore Squaw & Papoose Cr Watersheds	BPA	Sediment traps
Protect & Enhance Tributary Habitat	Tributary Water Quality	154	1199	Protect & Restore Squaw & Papoose Cr Watersheds	BPA	Obliterated or restored roads
Protect & Enhance Tributary Habitat	Tributary Water Quality	154	1201	Restore Mccommas Meadows - NPT	BPA	Riparian fencing

Table 3: List of Habitat Projects

Strategy	Substrategy	RPA Action Num	Project ID Number	Project Title	Lead Agency	02 Work Expectation
Protect & Enhance Tributary Habitat	Tributary Water Quality	154	1201	Restore McCommas Meadows - NPT	BPA	Enhanced channel morphology
Protect & Enhance Tributary Habitat	Tributary Water Quality	154	1201	Restore McCommas Meadows - NPT	BPA	Riparian planting
Protect & Enhance Tributary Habitat	Tributary Water Quality	154	1212	Clearwater Focus Watershed - State of Idaho	BPA	Coordination of watershed efforts
Protect & Enhance Tributary Habitat	Tributary Water Quality	154	1293	Yakima River Side Channels	BPA	Reconnected floodplains
Protect & Enhance Tributary Habitat	Tributary Water Quality	154	1293	Yakima River Side Channels	BPA	Access re-established to off-channel rearing habitats
Protect & Enhance Tributary Habitat	Tributary Water Quality	154	1295	Toppenish/Simcoe Instream Flow Restoration	BPA	Evaluation of the anadromous population and habitat
Protect & Enhance Tributary Habitat	Tributary Water Quality	154	1295	Toppenish/Simcoe Instream Flow Restoration	BPA	Restored instream flows
Protect & Enhance Tributary Habitat	Tributary Water Quality	154	1317	Restoration of Watershed, Clearwater Basin	BPA	Obliterate unnecessary roads
Protect & Enhance Tributary Habitat	Tributary Water Quality	154	1317	Restoration of Watershed, Clearwater Basin	BPA	Installed instream structures
Protect & Enhance Tributary Habitat	Tributary Water Quality	154	1408	Assess Salmonid Habitat Walla Walla Watershed - WA	BPA	Assesment of conditions and populations
Protect & Enhance Tributary Habitat	Tributary Water Quality	154	1419	Implement Trout Creek Watershed Enhancement	BPA	Implemented restoration plan
Protect & Enhance Tributary Habitat	Tributary Water Quality	154	1419	Implement Trout Creek Watershed Enhancement	BPA	Infiltration galleries
Protect & Enhance Tributary Habitat	Tributary Water Quality	154	1419	Implement Trout Creek Watershed Enhancement	BPA	Watershed plan
Protect & Enhance Tributary Habitat	Tributary Water Quality	154	1422	Implement Wy-Kan-ush-mi Wa-Kish-wit Watershed Plan	BPA	Watershed plans
Protect & Enhance Tributary Habitat	Tributary Water Quality	154	1424	Upper Toppenish Creek Watershed Restoration	BPA	Analysis of upper Toppenish Creek Watershed
Protect & Enhance Tributary Habitat	Tributary Water Quality	154	1424	Upper Toppenish Creek Watershed Restoration	BPA	Implemented restoration plans
Protect & Enhance Tributary Habitat	Tributary Water Quality	154	1425	Establish Safe Access Tributaries -Yakima Subbasin	BPA	Reestablished passage into tributary habitats
Protect & Enhance Tributary Habitat	Tributary Water Quality	154	1425	Establish Safe Access Tributaries -Yakima Subbasin	BPA	Riparian fencing
Protect & Enhance Tributary Habitat	Tributary Water Quality	154	1425	Establish Safe Access Tributaries -Yakima Subbasin	BPA	Purchased property / easements
Protect & Enhance Tributary Habitat	Tributary Water Quality	154	1465	Bakeoven Riparian Assessment	BPA	Fencing
Protect & Enhance Tributary Habitat	Tributary Water Quality	154	1465	Bakeoven Riparian Assessment	BPA	Watershed monitoring plan
Protect & Enhance Tributary Habitat	Tributary Water Quality	154	1465	Bakeoven Riparian Assessment	BPA	Off-site water developments
Protect & Enhance Tributary Habitat	Tributary Water Quality	154	1465	Bakeoven Riparian Assessment	BPA	Assessment of Bakeoven watershed conditions
Protect & Enhance Tributary Habitat	Tributary Water Quality	154	1465	Bakeoven Riparian Assessment	BPA	Revegetation

Table 3: List of Habitat Projects

Strategy	Substrategy	RPA Action Num	Project ID Number	Project Title	Lead Agency	02 Work Expectation
Protect & Enhance Tributary Habitat	Tributary Water Quality	154	1465	Bakeoven Riparian Assessment	BPA	Watershed restoration plan
Protect & Enhance Tributary Habitat	Tributary Water Quality	154	1469	Pine Hollow Watershed Enhancement	BPA	Springs developed
Protect & Enhance Tributary Habitat	Tributary Water Quality	154	1469	Pine Hollow Watershed Enhancement	BPA	Replanted riparian areas.
Protect & Enhance Tributary Habitat	Tributary Water Quality	154	1469	Pine Hollow Watershed Enhancement	BPA	Cross fencing
Protect & Enhance Tributary Habitat	Tributary Water Quality	154	1469	Pine Hollow Watershed Enhancement	BPA	Master plan
Protect & Enhance Tributary Habitat	Tributary Water Quality	154	1469	Pine Hollow Watershed Enhancement	BPA	Critical areas reseeded
Protect & Enhance Tributary Habitat	Tributary Water Quality	154	1472	Ahtanum Creek Watershed Assessment	BPA	Water discharge & temperature monitored
Protect & Enhance Tributary Habitat	Tributary Water Quality	154	1472	Ahtanum Creek Watershed Assessment	BPA	Assessed stream habitat conditions
Protect & Enhance Tributary Habitat	Tributary Water Quality	154	1472	Ahtanum Creek Watershed Assessment	BPA	Assessed salmonid populated
Protect & Enhance Tributary Habitat	Tributary Water Quality	154	1472	Ahtanum Creek Watershed Assessment	BPA	Irrigated lands & water delivery systems mapped
Protect & Enhance Tributary Habitat	Tributary Water Quality	154	1473	Restore Anadromous Fish Habitat - Little Canyon Cr	BPA	Sediment control basins
Protect & Enhance Tributary Habitat	Tributary Water Quality	154	1473	Restore Anadromous Fish Habitat - Little Canyon Cr	BPA	Modified agricultural techniques
Protect & Enhance Tributary Habitat	Tributary Water Quality	154	1473	Restore Anadromous Fish Habitat - Little Canyon Cr	BPA	Vegetation management
Protect & Enhance Tributary Habitat	Tributary Water Quality	154	1473	Restore Anadromous Fish Habitat - Little Canyon Cr	BPA	Fencing
Protect & Enhance Tributary Habitat	Tributary Water Quality	154	1474	Restore Anadromous Fish Habitat - Nichols Canyon	BPA	Improved agricultural /range land useage
Protect & Enhance Tributary Habitat	Tributary Water Quality	154	1474	Restore Anadromous Fish Habitat - Nichols Canyon	BPA	Coordination of funding and effort
Protect & Enhance Tributary Habitat	Tributary Water Quality	154	1474	Restore Anadromous Fish Habitat - Nichols Canyon	BPA	Improved steelhead spawning & rearing habitat
Protect & Enhance Tributary Habitat	Tributary Water Quality	154	1475	Protecting & Restoring Big Canyon Creek Watershed	BPA	Watershed plans
Protect & Enhance Tributary Habitat	Tributary Water Quality	154	1475	Protecting & Restoring Big Canyon Creek Watershed	BPA	Assessed watershed conditions
Protect & Enhance Tributary Habitat	Tributary Water Quality	154	1476	Rehabilitate Lapwai Creek	BPA	Lapwai Watershed Plan
Protect & Enhance Tributary Habitat	Tributary Water Quality	154	1478	Restore Salmon River - Challis Area	BPA	Restored fish habitat
Protect & Enhance Tributary Habitat	Tributary Water Quality	154	1481	Pataha Watershed Project Planning & Implementation	BPA	Pataha Creek Model Watershed Plan
Protect & Enhance Tributary Habitat	Tributary Water Quality	154	1481	Pataha Watershed Project Planning & Implementation	BPA	Water quality monitored
Protect & Enhance Tributary Habitat	Tributary Water Quality	154	1553	Rock Creek Watershed Assessment & Restoration	BPA	Rock Creek watershed study

Table 3: List of Habitat Projects

Strategy	Substrategy	RPA Action Num	Project ID Number	Project Title	Lead Agency	02 Work Expectation
Protect & Enhance Tributary Habitat	Tributary Water Quality	154	1573	Enhance North Fork John Day River Subbasin - CTUIR	BPA	Enhanced properties
Protect & Enhance Tributary Habitat	Tributary Water Quality	154	1573	Enhance North Fork John Day River Subbasin - CTUIR	BPA	Monitored projects
Protect & Enhance Tributary Habitat	Tributary Water Quality	154	1573	Enhance North Fork John Day River Subbasin - CTUIR	BPA	Watershed plan
Protect & Enhance Tributary Habitat	Tributary Water Quality	154	1576	Protect N Lochsa Face Analysis Area Watershed	BPA	M & E program
Protect & Enhance Tributary Habitat	Tributary Water Quality	154	1576	Protect N Lochsa Face Analysis Area Watershed	BPA	Obliterated road
Protect & Enhance Tributary Habitat	Tributary Water Quality	154	1576	Protect N Lochsa Face Analysis Area Watershed	BPA	Sediment input alleviated
Protect & Enhance Tributary Habitat	Tributary Water Quality	154	1577	Rehabilitate Newsome Creek - S Fork Clearwater R	BPA	Plan for restoration of dredged areas
Protect & Enhance Tributary Habitat	Tributary Water Quality	154	1577	Rehabilitate Newsome Creek - S Fork Clearwater R	BPA	List of additional roads for obliteration
Protect & Enhance Tributary Habitat	Tributary Water Quality	154	1577	Rehabilitate Newsome Creek - S Fork Clearwater R	BPA	Obliterate 10 miles of road
Protect & Enhance Tributary Habitat	Tributary Water Quality	154	1577	Rehabilitate Newsome Creek - S Fork Clearwater R	BPA	Watershed plan
Protect & Enhance Tributary Habitat	Tributary Water Quality	154	1578	Protect and Restore Mill Creek Watershed	BPA	MOA with the Nez Perce NF
Protect & Enhance Tributary Habitat	Tributary Water Quality	154	1578	Protect and Restore Mill Creek Watershed	BPA	Enhanced riparian areas
Protect & Enhance Tributary Habitat	Tributary Water Quality	154	1736	Salmonid Production in Restored Rattlesnake Creek	BPA	Evaluation of habitat and population conditions
Protect & Enhance Tributary Habitat	Tributary Water Quantity	149	<i>unassigned</i>	Lemhi Subbasin High Priority Subbasin Enhancement	USBR	Provide technical assistance for projects identified in 01; continue programmatic NEPA and hydrologic studies; identify new projects; coordinate with local groups.
Protect & Enhance Tributary Habitat	Tributary Water Quantity	149	<i>unassigned</i>	Methow Subbasin High Priority Subbasin Enhancement	USBR	Provide technical assistance for projects identified in 01; continue programmatic NEPA and hydrologic studies; identify new projects; coordinate with local groups.
Protect & Enhance Tributary Habitat	Tributary Water Quantity	149	<i>unassigned</i>	Upper John Day High Priority Subbasin Enhancement	USBR	Provide technical assistance for projects identified in 01; continue programmatic NEPA and hydrologic studies; identify new projects; coordinate with local groups.
Protect & Enhance Tributary Habitat	Tributary Water Quantity	149	<i>unassigned</i>	Middle Fork John Day High Priority Subbasin Enhancement	USBR	Provide technical assistance for projects identified in 01; continue programmatic NEPA and hydrologic studies; identify new projects; coordinate with local groups.

Table 3: List of Habitat Projects

Strategy	Substrategy	RPA Action Num	Project ID Number	Project Title	Lead Agency	02 Work Expectation
Protect & Enhance Tributary Habitat	Tributary Water Quantity	149	<i>unassigned</i>	McKenzie High Priority Subbasin Enhancement	USBR	Initiate workload evaluation effort, programmatic NEPA. Identify projects for early implementation or FY03. Establish liaison offices.
Protect & Enhance Tributary Habitat	Tributary Water Quantity	149	<i>unassigned</i>	Upper Salmon High Priority Subbasin Enhancement	USBR	Initiate workload evaluation effort, programmatic NEPA. Identify projects for early implementation or FY03. Establish liaison offices.
Protect & Enhance Tributary Habitat	Tributary Water Quantity	149	<i>unassigned</i>	Wenatchee High Priority Subbasin Enhancement	USBR	Initiate workload evaluation effort, programmatic NEPA. Identify projects for early implementation or FY03. Establish liaison offices.
Protect & Enhance Tributary Habitat	Tributary Water Quantity	149	133	Mainstem & Middle Fork John Day Habitat Work	BPA	Riparian fencing on Middle Fk and mainstem John Day River tributaries.
Protect & Enhance Tributary Habitat	Tributary Water Quantity	149	133	Mainstem & Middle Fork John Day Habitat Work	BPA	Riparian planting on Middle Fk and mainstem John Day River tributaries.
Protect & Enhance Tributary Habitat	Tributary Water Quantity	149	133	Mainstem & Middle Fork John Day Habitat Work	BPA	Instream work on Middle Fk and mainstem John Day River tributaries.
Protect & Enhance Tributary Habitat	Tributary Water Quantity	149	286	Umatilla Habitat Improvement / CTUIR	BPA	Anadromous habitat enhancement for Meacham Cr
Protect & Enhance Tributary Habitat	Tributary Water Quantity	149	709	Model Watershed Studies - Lemhi River Basin	BPA	Watershed restoration in Lemhi River Basin, Pahsimeroi River basin and East Fork Salmon River basin
Protect & Enhance Tributary Habitat	Tributary Water Quantity	149	850	Upper Salmon River Anadromous Fish Passage	BPA	Diversion headgates, improved water distribution, and acquired instream flow
Protect & Enhance Tributary Habitat	Tributary Water Quantity	149	850	Upper Salmon River Anadromous Fish Passage	BPA	Habitat enhancement and passage restoration through fishways, diversion headgates, improved water distribution, and acquired instream flow
Protect & Enhance Tributary Habitat	Tributary Water Quantity	149	850	Upper Salmon River Anadromous Fish Passage	BPA	Fishways
Protect & Enhance Tributary Habitat	Tributary Water Quantity	149	852	Oregon Fish Screens Project	BPA	La Grande fish screen shop
Protect & Enhance Tributary Habitat	Tributary Water Quantity	149	852	Oregon Fish Screens Project	BPA	John Day fish screen shop
Protect & Enhance Tributary Habitat	Tributary Water Quantity	149	852	Oregon Fish Screens Project	BPA	DeNiel fish passage structures in Trout Cr
Protect & Enhance Tributary Habitat	Tributary Water Quantity	149	852	Oregon Fish Screens Project	BPA	Fabricate & install fish screens in John Day, Umatilla, & Walla Walla Basins
Protect & Enhance Tributary Habitat	Tributary Water Quantity	149	886	Idaho Fish Screening Improvement	BPA	Consolidate and screen diversions
Protect & Enhance Tributary Habitat	Tributary Water Quantity	149	888	Idaho Model Watershed Habitat Projects	BPA	Riparian fencing
Protect & Enhance Tributary Habitat	Tributary Water Quantity	149	888	Idaho Model Watershed Habitat Projects	BPA	Riparian planting
Protect & Enhance Tributary Habitat	Tributary Water Quantity	149	888	Idaho Model Watershed Habitat Projects	BPA	Instream structures

Table 3: List of Habitat Projects

Strategy	Substrategy	RPA Action Num	Project ID Number	Project Title	Lead Agency	02 Work Expectation
Protect & Enhance Tributary Habitat	Tributary Water Quantity	149	888	Idaho Model Watershed Habitat Projects	BPA	Resource Management System plans
Protect & Enhance Tributary Habitat	Tributary Water Quantity	149	888	Idaho Model Watershed Habitat Projects	BPA	Controlling livestock grazing
Protect & Enhance Tributary Habitat	Tributary Water Quantity	149	1095	Juvenile & Adult Passage- Walla Walla Basin	BPA	Screen/trap facilities
Protect & Enhance Tributary Habitat	Tributary Water Quantity	149	1101	Walla Walla Basin Anadromous Fish Passage	BPA	Adult passage at irrigation diversion dams
Protect & Enhance Tributary Habitat	Tributary Water Quantity	149	1141	Methow River Valley Irrigation District - YN	BPA	Pressurized irrigation system
Protect & Enhance Tributary Habitat	Tributary Water Quantity	149	1141	Methow River Valley Irrigation District - YN	BPA	Increased instream flow
Protect & Enhance Tributary Habitat	Tributary Water Quantity	149	1401	Gravel Push-Up Dam Removal Lower N FK John Day R	BPA	Pumping stations established
Protect & Enhance Tributary Habitat	Tributary Water Quantity	149	1401	Gravel Push-Up Dam Removal Lower N FK John Day R	BPA	Monitoring of results
Protect & Enhance Tributary Habitat	Tributary Water Quantity	149	1401	Gravel Push-Up Dam Removal Lower N FK John Day R	BPA	Pushup dams replaced
Protect & Enhance Tributary Habitat	Tributary Water Quantity	149	1402	Irrigation & Riparian Improvements - John Day R	BPA	Permanent intake structures
Protect & Enhance Tributary Habitat	Tributary Water Quantity	149	1402	Irrigation & Riparian Improvements - John Day R	BPA	Push-up dams eliminated
Protect & Enhance Tributary Habitat	Tributary Water Quantity	149	1402	Irrigation & Riparian Improvements - John Day R	BPA	Alternative irrigation sources / techniques
Protect & Enhance Tributary Habitat	Tributary Water Quantity	149	1408	Assess Salmonid Habitat Walla Walla Watershed - WA	BPA	Assesment of conditions and populations
Protect & Enhance Tributary Habitat	Tributary Water Quantity	149	1478	Restore Salmon River - Challis Area	BPA	Restored fish habitat
Protect & Enhance Tributary Habitat	Tributary Water Quantity	149	1497	Salmon Creek Instream Flow & Habitat Survey	BPA	Fishery and water resources documented
Protect & Enhance Tributary Habitat	Tributary Water Quantity	149	1497	Salmon Creek Instream Flow & Habitat Survey	BPA	Hydrologic model for the drainage
Protect & Enhance Tributary Habitat	Tributary Water Quantity	149	1575	Walla Walla River Fish Passage Operations	BPA	Effectively utilizing transport equipment
Protect & Enhance Tributary Habitat	Tributary Water Quantity	149	1575	Walla Walla River Fish Passage Operations	BPA	Trapping facilities
Protect & Enhance Tributary Habitat	Tributary Water Quantity	149	1575	Walla Walla River Fish Passage Operations	BPA	Passage facilities
Protect & Enhance Tributary Habitat	Tributary Water Quantity	149	1734	Fifteen Mile Subbasin Water Right Acquisition	BPA	Acquired water rights
Protect & Enhance Tributary Habitat	Tributary Water Quantity	149	1735	Salmon and Steelhead Exertion Study	BPA	Location of difficult fish passage sites
Protect & Enhance Tributary Habitat	Tributary Water Quantity	149	1749	Gourley Creek Dam Fish Ladder	BPA	Eliminated fish passage barrier
Protect & Enhance Tributary Habitat	Tributary Water Quantity	149	1750	Protect ESA Fish With Screens in Walla Walla Basin	BPA	Fish screens for 197 Walla Walla Basin irrigation diversions.
Protect & Enhance Tributary Habitat	Tributary Water Quantity	149	1753	Farmers Irr Dist Mainstem Hood River Fish Screen	BPA	New horizontal fixed plate screen

Table 3: List of Habitat Projects

Strategy	Substrategy	RPA Action Num	Project ID Number	Project Title	Lead Agency	02 Work Expectation
Protect & Enhance Tributary Habitat	Tributary Water Quantity	149	1762	Reconnect Little Morgan Creek to Pahsimeroi River	BPA	14.3 miles of historical anadromous habitat restored
Protect & Enhance Tributary Habitat	Tributary Water Quantity	149	1762	Reconnect Little Morgan Creek to Pahsimeroi River	BPA	Little Morgan Creek reconnected with Pahsimeroi River
Protect & Enhance Tributary Habitat	Tributary Water Quantity	149	1763	Restoration of Anadromous Fish Access to Hawley Cr	BPA	Reduced water temperatures
Protect & Enhance Tributary Habitat	Tributary Water Quantity	149	1763	Restoration of Anadromous Fish Access to Hawley Cr	BPA	Restored riparian habitat
Protect & Enhance Tributary Habitat	Tributary Water Quantity	149	1763	Restoration of Anadromous Fish Access to Hawley Cr	BPA	Improve irrigation methods
Protect & Enhance Tributary Habitat	Tributary Water Quantity	149	1763	Restoration of Anadromous Fish Access to Hawley Cr	BPA	Hawley Creek reconnected to the Lemhi River
Protect & Enhance Tributary Habitat	Tributary Water Quantity	149	1765	Supplemental Flows in Buck Hollow	BPA	headwater irrigation well
Protect & Enhance Tributary Habitat	Tributary Water Quantity	149	1765	Supplemental Flows in Buck Hollow	BPA	Supplemented stream flow (1-1.5 cfs)
Protect & Enhance Tributary Habitat	Tributary Water Quantity	149	1768	Trout Creek Streamflow Enhancement	BPA	Safer culverts
Protect & Enhance Tributary Habitat	Tributary Water Quantity	149	1768	Trout Creek Streamflow Enhancement	BPA	Fish passage barriers removed
Protect & Enhance Tributary Habitat	Tributary Water Quantity	149	1770	Badger Creek Culvert Replacement	BPA	Box culvert eliminating fish passage barrier
Protect & Enhance Tributary Habitat	Tributary Water Quantity	149	1774	Touchet River Stream Flow Enhancement	BPA	Increased stream flows
Protect & Enhance Tributary Habitat	Tributary Water Quantity	149	1774	Touchet River Stream Flow Enhancement	BPA	Acquired water rights
Protect & Enhance Tributary Habitat	Tributary Water Quantity	149	1775	Lostine River Streamflow Enhancement	BPA	Increased stream flows
Protect & Enhance Tributary Habitat	Tributary Water Quantity	149	1775	Lostine River Streamflow Enhancement	BPA	Acquired water rights
Protect & Enhance Tributary Habitat	Tributary Water Quantity	149	1776	Methow River Basin Screening	BPA	new fish screens constructed
Protect & Enhance Tributary Habitat	Tributary Water Quantity	149	1776	Methow River Basin Screening	BPA	Fish screen facilities upgrades
Protect & Enhance Tributary Habitat	Tributary Water Quantity	149	1777	Simcoe Creek Streamflow Enhancement	BPA	Off site water facilities
Protect & Enhance Tributary Habitat	Tributary Water Quantity	149	1777	Simcoe Creek Streamflow Enhancement	BPA	Ladders at two diversion dams
Protect & Enhance Tributary Habitat	Tributary Water Quantity	149	1777	Simcoe Creek Streamflow Enhancement	BPA	Canal screens
Protect & Enhance Tributary Habitat	Tributary Water Quantity	149	1778	Hancock Springs Passage & Habitat Restoration	BPA	Access to spring fed channel
Protect & Enhance Tributary Habitat	Tributary Water Quantity	150	133	Mainstem & Middle Fork John Day Habitat Work	BPA	Riparian planting on Middle Fk and mainstem John Day River tributaries.
Protect & Enhance Tributary Habitat	Tributary Water Quantity	150	133	Mainstem & Middle Fork John Day Habitat Work	BPA	Instream work on Middle Fk and mainstem John Day River tributaries.
Protect & Enhance Tributary Habitat	Tributary Water Quantity	150	133	Mainstem & Middle Fork John Day Habitat Work	BPA	Riparian fencing on Middle Fk and mainstem John Day River tributaries.

Table 3: List of Habitat Projects

Strategy	Substrategy	RPA Action Num	Project ID Number	Project Title	Lead Agency	02 Work Expectation
Protect & Enhance Tributary Habitat	Tributary Water Quantity	150	137	Joseph Creek & Grande Ronde River Habitat Work	BPA	Riparian fencing on Joseph Creek drainage and upper Grande Ronde R.
Protect & Enhance Tributary Habitat	Tributary Water Quantity	150	137	Joseph Creek & Grande Ronde River Habitat Work	BPA	Instream work on Joseph Creek drainage and upper Grande Ronde R.
Protect & Enhance Tributary Habitat	Tributary Water Quantity	150	286	Umatilla Habitat Improvement / CTUIR	BPA	Anadromous habitat enhancement for Meacham Cr
Protect & Enhance Tributary Habitat	Tributary Water Quantity	150	287	Umatilla Fish Habitat Improvement / ODFW	BPA	Riparian fencing E & W Birch Creeks, Meacham Cr & North Fk of Meacham Cr
Protect & Enhance Tributary Habitat	Tributary Water Quantity	150	287	Umatilla Fish Habitat Improvement / ODFW	BPA	Instream structures: E & W Birch Creeks, Meacham Cr & North Fk of Meacham Cr
Protect & Enhance Tributary Habitat	Tributary Water Quantity	150	752	Lower Yakima Valley Riparian/Wetlands - Phase I	BPA	Protecting and enhancing riparian and wetland habitat in the Yakama Reservation.
Protect & Enhance Tributary Habitat	Tributary Water Quantity	150	825	Fifteenmile Creek Habitat Improvement	BPA	Riparian fencing in the Fifteenmile Creek Basin
Protect & Enhance Tributary Habitat	Tributary Water Quantity	150	825	Fifteenmile Creek Habitat Improvement	BPA	Bank stabilization work in the Fifteenmile Creek Basin
Protect & Enhance Tributary Habitat	Tributary Water Quantity	150	888	Idaho Model Watershed Habitat Projects	BPA	Resource Management System plans
Protect & Enhance Tributary Habitat	Tributary Water Quantity	150	888	Idaho Model Watershed Habitat Projects	BPA	Controlling livestock grazing
Protect & Enhance Tributary Habitat	Tributary Water Quantity	150	888	Idaho Model Watershed Habitat Projects	BPA	Instream structures
Protect & Enhance Tributary Habitat	Tributary Water Quantity	150	888	Idaho Model Watershed Habitat Projects	BPA	Riparian fencing
Protect & Enhance Tributary Habitat	Tributary Water Quantity	150	888	Idaho Model Watershed Habitat Projects	BPA	Riparian planting
Protect & Enhance Tributary Habitat	Tributary Water Quantity	150	898	Tucannon Stream & Riparian Restoration	BPA	Tucannon pool development
Protect & Enhance Tributary Habitat	Tributary Water Quantity	150	898	Tucannon Stream & Riparian Restoration	BPA	Tucannon riparian planting
Protect & Enhance Tributary Habitat	Tributary Water Quantity	150	898	Tucannon Stream & Riparian Restoration	BPA	Tucannon stream bank stabilization
Protect & Enhance Tributary Habitat	Tributary Water Quantity	150	899	Pataha Creek Stream & Cropland Restoration	BPA	Off site watering.
Protect & Enhance Tributary Habitat	Tributary Water Quantity	150	899	Pataha Creek Stream & Cropland Restoration	BPA	Reduced sediment delivery
Protect & Enhance Tributary Habitat	Tributary Water Quantity	150	899	Pataha Creek Stream & Cropland Restoration	BPA	Riparian fencing
Protect & Enhance Tributary Habitat	Tributary Water Quantity	150	899	Pataha Creek Stream & Cropland Restoration	BPA	Riparian vegetation management
Protect & Enhance Tributary Habitat	Tributary Water Quantity	150	929	Trout Creek Operation & Maintenance	BPA	M & E of habitat improvements / smolt production
Protect & Enhance Tributary Habitat	Tributary Water Quantity	150	929	Trout Creek Operation & Maintenance	BPA	O & M of habitat improvements

Table 3: List of Habitat Projects

Strategy	Substrategy	RPA Action Num	Project ID Number	Project Title	Lead Agency	02 Work Expectation
Protect & Enhance Tributary Habitat	Tributary Water Quantity	150	937	Salmon River Habitat Enhancement and O&M	BPA	M & E of habitat improvements
Protect & Enhance Tributary Habitat	Tributary Water Quantity	150	937	Salmon River Habitat Enhancement and O&M	BPA	O & M of habitat improvements
Protect & Enhance Tributary Habitat	Tributary Water Quantity	150	1034	Squaw Creek Watershed Wildlife Project	BPA	Implemented management plan
Protect & Enhance Tributary Habitat	Tributary Water Quantity	150	1034	Squaw Creek Watershed Wildlife Project	BPA	Purchased land
Protect & Enhance Tributary Habitat	Tributary Water Quantity	150	1089	Upper Salmon River Diversion Consolidation Program	BPA	Consolidate diversions and screen
Protect & Enhance Tributary Habitat	Tributary Water Quantity	150	1141	Methow River Valley Irrigation District - YN	BPA	Pressurized irrigation system
Protect & Enhance Tributary Habitat	Tributary Water Quantity	150	1141	Methow River Valley Irrigation District - YN	BPA	Increased instream flow
Protect & Enhance Tributary Habitat	Tributary Water Quantity	150	1143	Yakima Watershed Restoration - Satus Creek - YIN	BPA	Improved fish habitat
Protect & Enhance Tributary Habitat	Tributary Water Quantity	150	1163	Walla Walla River Basin Fish Habitat Enhancement	BPA	Riparian fencing
Protect & Enhance Tributary Habitat	Tributary Water Quantity	150	1163	Walla Walla River Basin Fish Habitat Enhancement	BPA	Stabilized banks
Protect & Enhance Tributary Habitat	Tributary Water Quantity	150	1163	Walla Walla River Basin Fish Habitat Enhancement	BPA	Noxious weed control
Protect & Enhance Tributary Habitat	Tributary Water Quantity	150	1205	Nez Perce NE Oregon Wildlife Project: Helm Tract	BPA	Helm Tract additions
Protect & Enhance Tributary Habitat	Tributary Water Quantity	150	1208	Grande Ronde Watershed Restoration - CTUIR	BPA	Enhanced riparian habitat
Protect & Enhance Tributary Habitat	Tributary Water Quantity	150	1208	Grande Ronde Watershed Restoration - CTUIR	BPA	Enhanced instream habitat
Protect & Enhance Tributary Habitat	Tributary Water Quantity	150	1208	Grande Ronde Watershed Restoration - CTUIR	BPA	Enhanced water quality
Protect & Enhance Tributary Habitat	Tributary Water Quantity	150	1208	Grande Ronde Watershed Restoration - CTUIR	BPA	Enhanced water quantity
Protect & Enhance Tributary Habitat	Tributary Water Quantity	150	1263	Wallowa County/Nez Perce Salmon Habitat Recovery	BPA	Implementation of the Salmon Habitat Recovery Plan
Protect & Enhance Tributary Habitat	Tributary Water Quantity	150	1263	Wallowa County/Nez Perce Salmon Habitat Recovery	BPA	Monitoring of the Salmon Habitat Recovery Plan
Protect & Enhance Tributary Habitat	Tributary Water Quantity	150	1358	Cottonwood Creek Riparian Enhancement/Wallowa	BPA	Road removed from riparian zone where possible
Protect & Enhance Tributary Habitat	Tributary Water Quantity	150	1358	Cottonwood Creek Riparian Enhancement/Wallowa	BPA	Eroded road restored
Protect & Enhance Tributary Habitat	Tributary Water Quantity	150	1358	Cottonwood Creek Riparian Enhancement/Wallowa	BPA	Bridges repaired
Protect & Enhance Tributary Habitat	Tributary Water Quantity	150	1358	Cottonwood Creek Riparian Enhancement/Wallowa	BPA	Cut banks armored
Protect & Enhance Tributary Habitat	Tributary Water Quantity	150	1361	Water Quality Monitoring for Grande Ronde Basin	BPA	Coordinated monitoring
Protect & Enhance Tributary Habitat	Tributary Water Quantity	150	1361	Water Quality Monitoring for Grande Ronde Basin	BPA	Reports of conditions and trends

Table 3: List of Habitat Projects

Strategy	Substrategy	RPA Action Num	Project ID Number	Project Title	Lead Agency	02 Work Expectation
Protect & Enhance Tributary Habitat	Tributary Water Quantity	150	1361	Water Quality Monitoring for Grande Ronde Basin	BPA	Expanded monitoring program
Protect & Enhance Tributary Habitat	Tributary Water Quantity	150	1409	Hood River Fish Habitat	BPA	Problems resolved at diversions
Protect & Enhance Tributary Habitat	Tributary Water Quantity	150	1409	Hood River Fish Habitat	BPA	Rip rap stream banks
Protect & Enhance Tributary Habitat	Tributary Water Quantity	150	1409	Hood River Fish Habitat	BPA	Alternative irrigation water source developed
Protect & Enhance Tributary Habitat	Tributary Water Quantity	150	1409	Hood River Fish Habitat	BPA	Riparian fencing
Protect & Enhance Tributary Habitat	Tributary Water Quantity	150	1411	Acquisition of Pine Creek Ranch	BPA	Pine Creek Ranch
Protect & Enhance Tributary Habitat	Tributary Water Quantity	150	1442	Mcintyre Road Relocation - Union County	BPA	Reconstructed county road
Protect & Enhance Tributary Habitat	Tributary Water Quantity	150	1442	Mcintyre Road Relocation - Union County	BPA	Obliterated road
Protect & Enhance Tributary Habitat	Tributary Water Quantity	150	1444	Grouse Creek Culvert Replacement	BPA	Grouse Creek multi-plate arch culvert
Protect & Enhance Tributary Habitat	Tributary Water Quantity	150	1444	Grouse Creek Culvert Replacement	BPA	Road raised and alignment improved
Protect & Enhance Tributary Habitat	Tributary Water Quantity	150	1465	Bakeoven Riparian Assessment	BPA	Revegetation
Protect & Enhance Tributary Habitat	Tributary Water Quantity	150	1465	Bakeoven Riparian Assessment	BPA	Assessment of Bakeoven watershed conditions
Protect & Enhance Tributary Habitat	Tributary Water Quantity	150	1465	Bakeoven Riparian Assessment	BPA	Off-site water developments
Protect & Enhance Tributary Habitat	Tributary Water Quantity	150	1465	Bakeoven Riparian Assessment	BPA	Watershed monitoring plan
Protect & Enhance Tributary Habitat	Tributary Water Quantity	150	1465	Bakeoven Riparian Assessment	BPA	Fencing
Protect & Enhance Tributary Habitat	Tributary Water Quantity	150	1465	Bakeoven Riparian Assessment	BPA	Watershed restoration plan
Protect & Enhance Tributary Habitat	Tributary Water Quantity	150	1503	Union County Technical Engineering Assistance	BPA	Technical support
Protect & Enhance Tributary Habitat	Tributary Water Quantity	150	1504	Wallowa County Technical Engineering Assistance	BPA	Water Temperature Software Project
Protect & Enhance Tributary Habitat	Tributary Water Quantity	150	1505	Water Temp Manipulation & Data Sharing Software	BPA	Public domain software program for water temperature data collection and analysis
Protect & Enhance Tributary Habitat	Tributary Water Quantity	150	1521	Grande Ronde - Union SWCD Chan, Rd & Passage Rest	BPA	Phillips Creek bridge,
Protect & Enhance Tributary Habitat	Tributary Water Quantity	150	1521	Grande Ronde - Union SWCD Chan, Rd & Passage Rest	BPA	Grande Ronde bank work
Protect & Enhance Tributary Habitat	Tributary Water Quantity	150	1521	Grande Ronde - Union SWCD Chan, Rd & Passage Rest	BPA	Mill Creek / Caldwell diversion dam passage improvement
Protect & Enhance Tributary Habitat	Tributary Water Quantity	150	1521	Grande Ronde - Union SWCD Chan, Rd & Passage Rest	BPA	Smutz Draw road relocation

Table 3: List of Habitat Projects

Strategy	Substrategy	RPA Action Num	Project ID Number	Project Title	Lead Agency	02 Work Expectation
Protect & Enhance Tributary Habitat	Tributary Water Quantity	150	1522	Grande Ronde - Union SWCD Riparian, Upland Rest	BPA	Cattle watering troughs
Protect & Enhance Tributary Habitat	Tributary Water Quantity	150	1522	Grande Ronde - Union SWCD Riparian, Upland Rest	BPA	Soil aerator
Protect & Enhance Tributary Habitat	Tributary Water Quantity	150	1522	Grande Ronde - Union SWCD Riparian, Upland Rest	BPA	Ladd Creek riparian fence
Protect & Enhance Tributary Habitat	Tributary Water Quantity	150	1524	Alpine Meadows - Trout Creek Restoration	BPA	Eroding Trout Creek channel stabilized
Protect & Enhance Tributary Habitat	Tributary Water Quantity	150	1530	Wallowa County Gauging Stations	BPA	Maintain seven stream gages
Protect & Enhance Tributary Habitat	Tributary Water Quantity	150	1531	Hagedorn Road Relocation/Stream Restoration	BPA	Hagedorn Road relocated
Protect & Enhance Tributary Habitat	Tributary Water Quantity	150	1531	Hagedorn Road Relocation/Stream Restoration	BPA	Old Hagedorn Road obliterated
Protect & Enhance Tributary Habitat	Tributary Water Quantity	150	1533	Grande Ronde Basin Tech Engineering Assistance	BPA	Technical support
Protect & Enhance Tributary Habitat	Tributary Water Quantity	150	1537	Wallowa County Direct Seeding	BPA	No-till agriculture demonstration
Protect & Enhance Tributary Habitat	Tributary Water Quantity	150	1538	Crow Cr Star Thistle Containment & Riparian Enhanc	BPA	Spalding catchfly protected
Protect & Enhance Tributary Habitat	Tributary Water Quantity	150	1538	Crow Cr Star Thistle Containment & Riparian Enhanc	BPA	Noxious weed control
Protect & Enhance Tributary Habitat	Tributary Water Quantity	150	1557	Acquire Oxbow Ranch Middle Fork John Day River	BPA	Oxbow Ranch
Protect & Enhance Tributary Habitat	Tributary Water Quantity	150	1562	WLMitigation Sites Oregon, Wenaha WMA Additions	BPA	Land acquisition or easement
Protect & Enhance Tributary Habitat	Tributary Water Quantity	150	1562	WLMitigation Sites Oregon, Wenaha WMA Additions	BPA	Enhanced Wenaha WMA
Protect & Enhance Tributary Habitat	Tributary Water Quantity	150	1563	WL Mitigation Sites Oregon, Ladd Marsh Additions	BPA	Enhanced additions to Ladd Marsh WMA
Protect & Enhance Tributary Habitat	Tributary Water Quantity	150	1563	WL Mitigation Sites Oregon, Ladd Marsh Additions	BPA	Ladd Marsh WMA additions
Protect & Enhance Tributary Habitat	Tributary Water Quantity	150	1573	Enhance North Fork John Day River Subbasin - CTUIR	BPA	Watershed plan
Protect & Enhance Tributary Habitat	Tributary Water Quantity	150	1573	Enhance North Fork John Day River Subbasin - CTUIR	BPA	Enhanced properties
Protect & Enhance Tributary Habitat	Tributary Water Quantity	150	1573	Enhance North Fork John Day River Subbasin - CTUIR	BPA	Monitored projects
Protect & Enhance Tributary Habitat	Tributary Water Quantity	150	1607	Conservation Reserve Enhancement Program Incentive	BPA	Riparian protective strips along streams
Protect & Enhance Tributary Habitat	Tributary Water Quantity	150	1609	Mccooy Cr Alta Cunha Ranches Instream Restoration	BPA	Pasture rest
Protect & Enhance Tributary Habitat	Tributary Water Quantity	150	1609	Mccooy Cr Alta Cunha Ranches Instream Restoration	BPA	Replanted riparian zone
Protect & Enhance Tributary Habitat	Tributary Water Quantity	150	1609	Mccooy Cr Alta Cunha Ranches Instream Restoration	BPA	Obliterated 3000 feet of abandoned railroad grade
Protect & Enhance Tributary Habitat	Tributary Water Quantity	150	1609	Mccooy Cr Alta Cunha Ranches Instream Restoration	BPA	Large woody debris in stream

Table 3: List of Habitat Projects

Strategy	Substrategy	RPA Action Num	Project ID Number	Project Title	Lead Agency	02 Work Expectation
Protect & Enhance Tributary Habitat	Tributary Water Quantity	150	1609	Mccoys Cr Alta Cunha Ranches Instream Restoration	BPA	McCoy Creek pasture fences
Protect & Enhance Tributary Habitat	Tributary Water Quantity	150	1623	Asotin Watershed Grazing Biological Plan	BPA	Weed control
Protect & Enhance Tributary Habitat	Tributary Water Quantity	150	1624	Rainwater Wildlife O & M	BPA	M & E for Rainwater Wildlife Area
Protect & Enhance Tributary Habitat	Tributary Water Quantity	150	1731	Fifteen Mile Creek Riparian Fencing/Stream Survey	BPA	Physical evaluation of streams
Protect & Enhance Tributary Habitat	Tributary Water Quantity	150	1731	Fifteen Mile Creek Riparian Fencing/Stream Survey	BPA	Riparian fencing
Protect & Enhance Tributary Habitat	Tributary Water Quantity	150	1746	Protect Bear Valley Wild Salmon Spawning Habitat	BPA	Closed Grazing allotment
Protect & Enhance Tributary Habitat	Tributary Water Quantity	150	1748	Arrowleaf/Methow River Conservation	BPA	Arrowleaf property
Protect & Enhance Tributary Habitat	Tributary Water Quantity	150	1751	Wagner Ranch Acquisition	BPA	Wagner Ranch
Protect & Enhance Tributary Habitat	Tributary Water Quantity	150	1752	Forrest Ranch Acquisition	BPA	Forrest Ranch
Protect & Enhance Tributary Habitat	Tributary Water Quantity	150	1754	Acquire 27,000 Camp Creek Ranch at Zumwalt Prairie	BPA	27,000 acres of Zumwalt Prairie
Protect & Enhance Tributary Habitat	Tributary Water Quantity	150	1755	Conservation Easement, Baker Ranch, Salmon River	BPA	Conservation easement
Protect & Enhance Tributary Habitat	Tributary Water Quantity	150	1755	Conservation Easement, Baker Ranch, Salmon River	BPA	Protected riparian areas
Protect & Enhance Tributary Habitat	Tributary Water Quantity	150	1755	Conservation Easement, Baker Ranch, Salmon River	BPA	70 cfs remaining in stream thru closure of 7 diversions
Protect & Enhance Tributary Habitat	Tributary Water Quantity	150	1755	Conservation Easement, Baker Ranch, Salmon River	BPA	Restored stream banks
Protect & Enhance Tributary Habitat	Tributary Water Quantity	151	133	Mainstem & Middle Fork John Day Habitat Work	BPA	Instream work on Middle Fk and mainstem John Day River tributaries.
Protect & Enhance Tributary Habitat	Tributary Water Quantity	151	133	Mainstem & Middle Fork John Day Habitat Work	BPA	Riparian planting on Middle Fk and mainstem John Day River tributaries.
Protect & Enhance Tributary Habitat	Tributary Water Quantity	151	133	Mainstem & Middle Fork John Day Habitat Work	BPA	Riparian fencing on Middle Fk and mainstem John Day River tributaries.
Protect & Enhance Tributary Habitat	Tributary Water Quantity	151	286	Umatilla Habitat Improvement / CTUIR	BPA	Anadromous habitat enhancement for Meacham Cr
Protect & Enhance Tributary Habitat	Tributary Water Quantity	151	1141	Methow River Valley Irrigation District - YN	BPA	Increased instream flow
Protect & Enhance Tributary Habitat	Tributary Water Quantity	151	1141	Methow River Valley Irrigation District - YN	BPA	Pressurized irrigation system
Protect & Enhance Tributary Habitat	Tributary Water Quantity	151	1467	15 Mile Creek Water Right Acquisition	BPA	Acquired water rights
Protect & Enhance Tributary Habitat	Tributary Water Quantity	151	1467	15 Mile Creek Water Right Acquisition	BPA	Increase stream flow
Protect & Enhance Tributary Habitat	Tributary Water Quantity	151	1725	Echo Meadow Winter Artificial Recharge	BPA	Linkages between winter artificial recharge of groundwater to the return flows

Table 3: List of Habitat Projects

Strategy	Substrategy	RPA Action Num	Project ID Number	Project Title	Lead Agency	02 Work Expectation
Protect & Enhance Tributary Habitat	Tributary Water Quantity	152	287	Umatilla Fish Habitat Improvement / ODFW	BPA	Instream structures: E & W Birch Creeks, Meacham Cr & North Fk of Meacham Cr
Protect & Enhance Tributary Habitat	Tributary Water Quantity	152	287	Umatilla Fish Habitat Improvement / ODFW	BPA	Riparian fencing E & W Birch Creeks, Meacham Cr & North Fk of Meacham Cr
Protect & Enhance Tributary Habitat	Tributary Water Quantity	152	707	Grande Ronde Model Watershed Development	BPA	Habitat restoration in the Grande Ronde basin
Protect & Enhance Tributary Habitat	Tributary Water Quantity	152	709	Model Watershed Studies - Lemhi River Basin	BPA	Watershed restoration in Lemhi River Basin, Pahsimeroi River basin and East Fork Salmon River basin
Protect & Enhance Tributary Habitat	Tributary Water Quantity	152	819	Red River Restoration (Little Ponderosa Ranch)	BPA	Bank stabilization in lower Red River Meadow.
Protect & Enhance Tributary Habitat	Tributary Water Quantity	152	819	Red River Restoration (Little Ponderosa Ranch)	BPA	Riparian cover and temperature control in lower Red River Meadow.
Protect & Enhance Tributary Habitat	Tributary Water Quantity	152	898	Tucannon Stream & Riparian Restoration	BPA	Tucannon stream bank stabilization
Protect & Enhance Tributary Habitat	Tributary Water Quantity	152	898	Tucannon Stream & Riparian Restoration	BPA	Tucannon riparian planting
Protect & Enhance Tributary Habitat	Tributary Water Quantity	152	898	Tucannon Stream & Riparian Restoration	BPA	Tucannon pool development
Protect & Enhance Tributary Habitat	Tributary Water Quantity	152	899	Pataha Creek Stream & Cropland Restoration	BPA	Riparian fencing
Protect & Enhance Tributary Habitat	Tributary Water Quantity	152	899	Pataha Creek Stream & Cropland Restoration	BPA	Off site watering.
Protect & Enhance Tributary Habitat	Tributary Water Quantity	152	899	Pataha Creek Stream & Cropland Restoration	BPA	Riparian vegetation management
Protect & Enhance Tributary Habitat	Tributary Water Quantity	152	899	Pataha Creek Stream & Cropland Restoration	BPA	Reduced sediment delivery
Protect & Enhance Tributary Habitat	Tributary Water Quantity	152	926	Wallowa Basin Project Planning	BPA	Watershed plan
Protect & Enhance Tributary Habitat	Tributary Water Quantity	152	929	Trout Creek Operation & Maintenance	BPA	O & M of habitat improvements
Protect & Enhance Tributary Habitat	Tributary Water Quantity	152	929	Trout Creek Operation & Maintenance	BPA	M & E of habitat improvements / smolt production
Protect & Enhance Tributary Habitat	Tributary Water Quantity	152	1034	Squaw Creek Watershed Wildlife Project	BPA	Implemented management plan
Protect & Enhance Tributary Habitat	Tributary Water Quantity	152	1034	Squaw Creek Watershed Wildlife Project	BPA	Purchased land
Protect & Enhance Tributary Habitat	Tributary Water Quantity	152	1089	Upper Salmon River Diversion Consolidation Program	BPA	Consolidate diversions and screen
Protect & Enhance Tributary Habitat	Tributary Water Quantity	152	1143	Yakima Watershed Restoration - Satus Creek - YIN	BPA	Improved fish habitat
Protect & Enhance Tributary Habitat	Tributary Water Quantity	152	1163	Walla Walla River Basin Fish Habitat Enhancement	BPA	Stabilized banks
Protect & Enhance Tributary Habitat	Tributary Water Quantity	152	1163	Walla Walla River Basin Fish Habitat Enhancement	BPA	Noxious weed control

Table 3: List of Habitat Projects

Strategy	Substrategy	RPA Action Num	Project ID Number	Project Title	Lead Agency	02 Work Expectation
Protect & Enhance Tributary Habitat	Tributary Water Quantity	152	1163	Walla Walla River Basin Fish Habitat Enhancement	BPA	Riparian fencing
Protect & Enhance Tributary Habitat	Tributary Water Quantity	152	1170	Clear Cr & NF John Day Dredge-Tailings Restoration	BPA	Redistributed dredge tailings
Protect & Enhance Tributary Habitat	Tributary Water Quantity	152	1170	Clear Cr & NF John Day Dredge-Tailings Restoration	BPA	Improved stream channel
Protect & Enhance Tributary Habitat	Tributary Water Quantity	152	1401	Gravel Push-Up Dam Removal Lower N FK John Day R	BPA	Monitoring of results
Protect & Enhance Tributary Habitat	Tributary Water Quantity	152	1401	Gravel Push-Up Dam Removal Lower N FK John Day R	BPA	Pumping stations established
Protect & Enhance Tributary Habitat	Tributary Water Quantity	152	1401	Gravel Push-Up Dam Removal Lower N FK John Day R	BPA	Pushup dams replaced
Protect & Enhance Tributary Habitat	Tributary Water Quantity	152	1402	Irrigation & Riparian Improvements - John Day R	BPA	Push-up dams eliminated
Protect & Enhance Tributary Habitat	Tributary Water Quantity	152	1402	Irrigation & Riparian Improvements - John Day R	BPA	Alternative irrigation sources / techniques
Protect & Enhance Tributary Habitat	Tributary Water Quantity	152	1402	Irrigation & Riparian Improvements - John Day R	BPA	Permanent intake structures
Protect & Enhance Tributary Habitat	Tributary Water Quantity	152	1419	Implement Trout Creek Watershed Enhancement	BPA	Implemented restoration plan
Protect & Enhance Tributary Habitat	Tributary Water Quantity	152	1419	Implement Trout Creek Watershed Enhancement	BPA	Watershed plan
Protect & Enhance Tributary Habitat	Tributary Water Quantity	152	1419	Implement Trout Creek Watershed Enhancement	BPA	Infiltration galleries
Protect & Enhance Tributary Habitat	Tributary Water Quantity	152	1425	Establish Safe Access Tributaries -Yakima Subbasin	BPA	Purchased property / easements
Protect & Enhance Tributary Habitat	Tributary Water Quantity	152	1425	Establish Safe Access Tributaries -Yakima Subbasin	BPA	Riparian fencing
Protect & Enhance Tributary Habitat	Tributary Water Quantity	152	1425	Establish Safe Access Tributaries -Yakima Subbasin	BPA	Reestablished passage into tributary habitats
Protect & Enhance Tributary Habitat	Tributary Water Quantity	152	1465	Bakeoven Riparian Assessment	BPA	Off-site water developments
Protect & Enhance Tributary Habitat	Tributary Water Quantity	152	1465	Bakeoven Riparian Assessment	BPA	Watershed monitoring plan
Protect & Enhance Tributary Habitat	Tributary Water Quantity	152	1465	Bakeoven Riparian Assessment	BPA	Assessment of Bakeoven watershed conditions
Protect & Enhance Tributary Habitat	Tributary Water Quantity	152	1465	Bakeoven Riparian Assessment	BPA	Revegetation
Protect & Enhance Tributary Habitat	Tributary Water Quantity	152	1465	Bakeoven Riparian Assessment	BPA	Watershed restoration plan
Protect & Enhance Tributary Habitat	Tributary Water Quantity	152	1465	Bakeoven Riparian Assessment	BPA	Fencing
Protect & Enhance Tributary Habitat	Tributary Water Quantity	152	1469	Pine Hollow Watershed Enhancement	BPA	Replanted riparian areas.
Protect & Enhance Tributary Habitat	Tributary Water Quantity	152	1469	Pine Hollow Watershed Enhancement	BPA	Master plan
Protect & Enhance Tributary Habitat	Tributary Water Quantity	152	1469	Pine Hollow Watershed Enhancement	BPA	Springs developed

Table 3: List of Habitat Projects

Strategy	Substrategy	RPA Action Num	Project ID Number	Project Title	Lead Agency	02 Work Expectation
Protect & Enhance Tributary Habitat	Tributary Water Quantity	152	1469	Pine Hollow Watershed Enhancement	BPA	Cross fencing
Protect & Enhance Tributary Habitat	Tributary Water Quantity	152	1469	Pine Hollow Watershed Enhancement	BPA	Critical areas reseeded
Protect & Enhance Tributary Habitat	Tributary Water Quantity	152	1472	Ahtanum Creek Watershed Assessment	BPA	Assessed stream habitat conditions
Protect & Enhance Tributary Habitat	Tributary Water Quantity	152	1472	Ahtanum Creek Watershed Assessment	BPA	Assessed salmonid populated
Protect & Enhance Tributary Habitat	Tributary Water Quantity	152	1472	Ahtanum Creek Watershed Assessment	BPA	Irrigated lands & water delivery systems mapped
Protect & Enhance Tributary Habitat	Tributary Water Quantity	152	1472	Ahtanum Creek Watershed Assessment	BPA	Water discharge & temperature monitored
Protect & Enhance Tributary Habitat	Tributary Water Quantity	152	1473	Restore Anadromous Fish Habitat - Little Canyon Cr	BPA	Sediment control basins
Protect & Enhance Tributary Habitat	Tributary Water Quantity	152	1473	Restore Anadromous Fish Habitat - Little Canyon Cr	BPA	Fencing
Protect & Enhance Tributary Habitat	Tributary Water Quantity	152	1473	Restore Anadromous Fish Habitat - Little Canyon Cr	BPA	Vegetation management
Protect & Enhance Tributary Habitat	Tributary Water Quantity	152	1473	Restore Anadromous Fish Habitat - Little Canyon Cr	BPA	Modified agricultural techniques
Protect & Enhance Tributary Habitat	Tributary Water Quantity	152	1474	Restore Anadromous Fish Habitat - Nichols Canyon	BPA	Coordination of funding and effort
Protect & Enhance Tributary Habitat	Tributary Water Quantity	152	1474	Restore Anadromous Fish Habitat - Nichols Canyon	BPA	Improved agricultural /range land useage
Protect & Enhance Tributary Habitat	Tributary Water Quantity	152	1474	Restore Anadromous Fish Habitat - Nichols Canyon	BPA	Improved steelhead spawning & rearing habitat
Protect & Enhance Tributary Habitat	Tributary Water Quantity	152	1481	Pataha Watershed Project Planning & Implementation	BPA	Water quality monitored
Protect & Enhance Tributary Habitat	Tributary Water Quantity	152	1481	Pataha Watershed Project Planning & Implementation	BPA	Pataha Creek Model Watershed Plan
Protect & Enhance Tributary Habitat	Tributary Water Quantity	153	137	Joseph Creek & Grande Ronde River Habitat Work	BPA	Riparian fencing on Joseph Creek drainage and upper Grande Ronde R.
Protect & Enhance Tributary Habitat	Tributary Water Quantity	153	137	Joseph Creek & Grande Ronde River Habitat Work	BPA	Instream work on Joseph Creek drainage and upper Grande Ronde R.
Protect & Enhance Tributary Habitat	Tributary Water Quantity	153	707	Grande Ronde Model Watershed Development	BPA	Habitat restoration in the Grande Ronde basin
Protect & Enhance Tributary Habitat	Tributary Water Quantity	153	888	Idaho Model Watershed Habitat Projects	BPA	Instream structures
Protect & Enhance Tributary Habitat	Tributary Water Quantity	153	888	Idaho Model Watershed Habitat Projects	BPA	Riparian planting
Protect & Enhance Tributary Habitat	Tributary Water Quantity	153	888	Idaho Model Watershed Habitat Projects	BPA	Riparian fencing
Protect & Enhance Tributary Habitat	Tributary Water Quantity	153	888	Idaho Model Watershed Habitat Projects	BPA	Controlling livestock grazing
Protect & Enhance Tributary Habitat	Tributary Water Quantity	153	888	Idaho Model Watershed Habitat Projects	BPA	Resource Management System plans
Protect & Enhance Tributary Habitat	Tributary Water Quantity	153	926	Wallowa Basin Project Planning	BPA	Watershed plan

Table 3: List of Habitat Projects

Strategy	Substrategy	RPA Action Num	Project ID Number	Project Title	Lead Agency	02 Work Expectation
Protect & Enhance Tributary Habitat	Tributary Water Quantity	153	1548	Training Support to Nrcs/Wildland Hydrology	BPA	Fluvial geomorphology short course attendees
Protect & Enhance Tributary Habitat	Tributary Water Quantity	153	1573	Enhance North Fork John Day River Subbasin - CTUIR	BPA	Enhanced properties
Protect & Enhance Tributary Habitat	Tributary Water Quantity	153	1573	Enhance North Fork John Day River Subbasin - CTUIR	BPA	Monitored projects
Protect & Enhance Tributary Habitat	Tributary Water Quantity	153	1573	Enhance North Fork John Day River Subbasin - CTUIR	BPA	Watershed plan
Protect & Enhance Tributary Habitat	Tributary Water Quantity	153	1607	Conservation Reserve Enhancement Program Incentive	BPA	Riparian protective strips along streams
Protect & Enhance Tributary Habitat	Tributary Water Quantity	153	1732	Fifteen Mile Creek Riparian Buffers	BPA	Riparian buffer
Protect & Enhance Tributary Habitat	Tributary Water Quantity	154	287	Umatilla Fish Habitat Improvement / ODFW	BPA	Riparian fencing E & W Birch Creeks, Meacham Cr & North Fk of Meacham Cr
Protect & Enhance Tributary Habitat	Tributary Water Quantity	154	287	Umatilla Fish Habitat Improvement / ODFW	BPA	Instream structures: E & W Birch Creeks, Meacham Cr & North Fk of Meacham Cr
Protect & Enhance Tributary Habitat	Tributary Water Quantity	154	710	Life Studies of Spring Chinook -Grande Ronde River	BPA	Study report on the abundance, migration patterns, survival, and habitat use of spring chinook salmon juveniles in the Grande Ronde River basin.
Protect & Enhance Tributary Habitat	Tributary Water Quantity	154	819	Red River Restoration (Little Ponderosa Ranch)	BPA	Riparian cover and temperature control in lower Red River Meadow.
Protect & Enhance Tributary Habitat	Tributary Water Quantity	154	819	Red River Restoration (Little Ponderosa Ranch)	BPA	Bank stabilization in lower Red River Meadow.
Protect & Enhance Tributary Habitat	Tributary Water Quantity	154	888	Idaho Model Watershed Habitat Projects	BPA	Controlling livestock grazing
Protect & Enhance Tributary Habitat	Tributary Water Quantity	154	888	Idaho Model Watershed Habitat Projects	BPA	Instream structures
Protect & Enhance Tributary Habitat	Tributary Water Quantity	154	888	Idaho Model Watershed Habitat Projects	BPA	Riparian fencing
Protect & Enhance Tributary Habitat	Tributary Water Quantity	154	888	Idaho Model Watershed Habitat Projects	BPA	Riparian planting
Protect & Enhance Tributary Habitat	Tributary Water Quantity	154	888	Idaho Model Watershed Habitat Projects	BPA	Resource Management System plans
Protect & Enhance Tributary Habitat	Tributary Water Quantity	154	898	Tucannon Stream & Riparian Restoration	BPA	Tucannon stream bank stabilization
Protect & Enhance Tributary Habitat	Tributary Water Quantity	154	898	Tucannon Stream & Riparian Restoration	BPA	Tucannon riparian planting
Protect & Enhance Tributary Habitat	Tributary Water Quantity	154	898	Tucannon Stream & Riparian Restoration	BPA	Tucannon pool development
Protect & Enhance Tributary Habitat	Tributary Water Quantity	154	899	Pataha Creek Stream & Cropland Restoration	BPA	Riparian vegetation management
Protect & Enhance Tributary Habitat	Tributary Water Quantity	154	899	Pataha Creek Stream & Cropland Restoration	BPA	Off site watering.
Protect & Enhance Tributary Habitat	Tributary Water Quantity	154	899	Pataha Creek Stream & Cropland Restoration	BPA	Reduced sediment delivery

Table 3: List of Habitat Projects

Strategy	Substrategy	RPA Action Num	Project ID Number	Project Title	Lead Agency	02 Work Expectation
Protect & Enhance Tributary Habitat	Tributary Water Quantity	154	899	Pataha Creek Stream & Cropland Restoration	BPA	Riparian fencing
Protect & Enhance Tributary Habitat	Tributary Water Quantity	154	929	Trout Creek Operation & Maintenance	BPA	M & E of habitat improvements / smolt production
Protect & Enhance Tributary Habitat	Tributary Water Quantity	154	929	Trout Creek Operation & Maintenance	BPA	O & M of habitat improvements
Protect & Enhance Tributary Habitat	Tributary Water Quantity	154	1034	Squaw Creek Watershed Wildlife Project	BPA	Implemented management plan
Protect & Enhance Tributary Habitat	Tributary Water Quantity	154	1034	Squaw Creek Watershed Wildlife Project	BPA	Purchased land
Protect & Enhance Tributary Habitat	Tributary Water Quantity	154	1089	Upper Salmon River Diversion Consolidation Program	BPA	Consolidate diversions and screen
Protect & Enhance Tributary Habitat	Tributary Water Quantity	154	1143	Yakima Watershed Restoration - Satus Creek - YIN	BPA	Improved fish habitat
Protect & Enhance Tributary Habitat	Tributary Water Quantity	154	1163	Walla Walla River Basin Fish Habitat Enhancement	BPA	Noxious weed control
Protect & Enhance Tributary Habitat	Tributary Water Quantity	154	1163	Walla Walla River Basin Fish Habitat Enhancement	BPA	Riparian fencing
Protect & Enhance Tributary Habitat	Tributary Water Quantity	154	1163	Walla Walla River Basin Fish Habitat Enhancement	BPA	Stabilized banks
Protect & Enhance Tributary Habitat	Tributary Water Quantity	154	1170	Clear Cr & NF John Day Dredge-Tailings Restoration	BPA	Redistributed dredge tailings
Protect & Enhance Tributary Habitat	Tributary Water Quantity	154	1170	Clear Cr & NF John Day Dredge-Tailings Restoration	BPA	Improved stream channel
Protect & Enhance Tributary Habitat	Tributary Water Quantity	154	1198	Protect and Restore Lolo Creek Watershed	BPA	Cattle excluded from critical riparian areas
Protect & Enhance Tributary Habitat	Tributary Water Quantity	154	1198	Protect and Restore Lolo Creek Watershed	BPA	Obliterated roads
Protect & Enhance Tributary Habitat	Tributary Water Quantity	154	1198	Protect and Restore Lolo Creek Watershed	BPA	Stablized landslide sites
Protect & Enhance Tributary Habitat	Tributary Water Quantity	154	1199	Protect & Restore Squaw & Papoose Cr Watersheds	BPA	Sediment traps
Protect & Enhance Tributary Habitat	Tributary Water Quantity	154	1199	Protect & Restore Squaw & Papoose Cr Watersheds	BPA	Obliterated or restored roads
Protect & Enhance Tributary Habitat	Tributary Water Quantity	154	1201	Restore Mccommas Meadows - NPT	BPA	Enhanced channel morphology
Protect & Enhance Tributary Habitat	Tributary Water Quantity	154	1201	Restore Mccommas Meadows - NPT	BPA	Riparian planting
Protect & Enhance Tributary Habitat	Tributary Water Quantity	154	1201	Restore Mccommas Meadows - NPT	BPA	Riparian fencing
Protect & Enhance Tributary Habitat	Tributary Water Quantity	154	1212	Clearwater Focus Watershed - State of Idaho	BPA	Coordination of watershed efforts
Protect & Enhance Tributary Habitat	Tributary Water Quantity	154	1293	Yakima River Side Channels	BPA	Access re-established to off-channel rearing habitats
Protect & Enhance Tributary Habitat	Tributary Water Quantity	154	1293	Yakima River Side Channels	BPA	Reconnected floodplains
Protect & Enhance Tributary Habitat	Tributary Water Quantity	154	1295	Toppenish/Simcoe Instream Flow Restoration	BPA	Restored instream flows

Table 3: List of Habitat Projects

Strategy	Substrategy	RPA Action Num	Project ID Number	Project Title	Lead Agency	02 Work Expectation
Protect & Enhance Tributary Habitat	Tributary Water Quantity	154	1295	Toppenish/Simcoe Instream Flow Restoration	BPA	Evaluation of the anadromous population and habitat
Protect & Enhance Tributary Habitat	Tributary Water Quantity	154	1317	Restoration of Watershed, Clearwater Basin	BPA	Installed instream structures
Protect & Enhance Tributary Habitat	Tributary Water Quantity	154	1317	Restoration of Watershed, Clearwater Basin	BPA	Obliterate unnecessary roads
Protect & Enhance Tributary Habitat	Tributary Water Quantity	154	1408	Assess Salmonid Habitat Walla Walla Watershed - WA	BPA	Assesment of conditions and populations
Protect & Enhance Tributary Habitat	Tributary Water Quantity	154	1419	Implement Trout Creek Watershed Enhancement	BPA	Implemented restoration plan
Protect & Enhance Tributary Habitat	Tributary Water Quantity	154	1419	Implement Trout Creek Watershed Enhancement	BPA	Infiltration galleries
Protect & Enhance Tributary Habitat	Tributary Water Quantity	154	1419	Implement Trout Creek Watershed Enhancement	BPA	Watershed plan
Protect & Enhance Tributary Habitat	Tributary Water Quantity	154	1422	Implement Wy-Kan-ush-mi Wa-Kish-wit Watershed Plan	BPA	Watershed plans
Protect & Enhance Tributary Habitat	Tributary Water Quantity	154	1424	Upper Toppenish Creek Watershed Restoration	BPA	Implemented restoration plans
Protect & Enhance Tributary Habitat	Tributary Water Quantity	154	1424	Upper Toppenish Creek Watershed Restoration	BPA	Analysis of upper Toppenish Creek Watershed
Protect & Enhance Tributary Habitat	Tributary Water Quantity	154	1425	Establish Safe Access Tributaries -Yakima Subbasin	BPA	Riparian fencing
Protect & Enhance Tributary Habitat	Tributary Water Quantity	154	1425	Establish Safe Access Tributaries -Yakima Subbasin	BPA	Reestablished passage into tributary habitats
Protect & Enhance Tributary Habitat	Tributary Water Quantity	154	1425	Establish Safe Access Tributaries -Yakima Subbasin	BPA	Purchased property / easements
Protect & Enhance Tributary Habitat	Tributary Water Quantity	154	1465	Bakeoven Riparian Assessment	BPA	Fencing
Protect & Enhance Tributary Habitat	Tributary Water Quantity	154	1465	Bakeoven Riparian Assessment	BPA	Watershed monitoring plan
Protect & Enhance Tributary Habitat	Tributary Water Quantity	154	1465	Bakeoven Riparian Assessment	BPA	Off-site water developments
Protect & Enhance Tributary Habitat	Tributary Water Quantity	154	1465	Bakeoven Riparian Assessment	BPA	Assessment of Bakeoven watershed conditions
Protect & Enhance Tributary Habitat	Tributary Water Quantity	154	1465	Bakeoven Riparian Assessment	BPA	Revegetation
Protect & Enhance Tributary Habitat	Tributary Water Quantity	154	1465	Bakeoven Riparian Assessment	BPA	Watershed restoration plan
Protect & Enhance Tributary Habitat	Tributary Water Quantity	154	1469	Pine Hollow Watershed Enhancement	BPA	Master plan
Protect & Enhance Tributary Habitat	Tributary Water Quantity	154	1469	Pine Hollow Watershed Enhancement	BPA	Springs developed
Protect & Enhance Tributary Habitat	Tributary Water Quantity	154	1469	Pine Hollow Watershed Enhancement	BPA	Cross fencing
Protect & Enhance Tributary Habitat	Tributary Water Quantity	154	1469	Pine Hollow Watershed Enhancement	BPA	Critical areas reseeded
Protect & Enhance Tributary Habitat	Tributary Water Quantity	154	1469	Pine Hollow Watershed Enhancement	BPA	Replanted riparian areas.

Table 3: List of Habitat Projects

Strategy	Substrategy	RPA Action Num	Project ID Number	Project Title	Lead Agency	02 Work Expectation
Protect & Enhance Tributary Habitat	Tributary Water Quantity	154	1472	Ahtanum Creek Watershed Assessment	BPA	Assessed stream habitat conditions
Protect & Enhance Tributary Habitat	Tributary Water Quantity	154	1472	Ahtanum Creek Watershed Assessment	BPA	Assessed salmonid populated
Protect & Enhance Tributary Habitat	Tributary Water Quantity	154	1472	Ahtanum Creek Watershed Assessment	BPA	Water discharge & temperature monitored
Protect & Enhance Tributary Habitat	Tributary Water Quantity	154	1472	Ahtanum Creek Watershed Assessment	BPA	Irrigated lands & water delivery systems mapped
Protect & Enhance Tributary Habitat	Tributary Water Quantity	154	1473	Restore Anadromous Fish Habitat - Little Canyon Cr	BPA	Fencing
Protect & Enhance Tributary Habitat	Tributary Water Quantity	154	1473	Restore Anadromous Fish Habitat - Little Canyon Cr	BPA	Sediment control basins
Protect & Enhance Tributary Habitat	Tributary Water Quantity	154	1473	Restore Anadromous Fish Habitat - Little Canyon Cr	BPA	Modified agricultural techniques
Protect & Enhance Tributary Habitat	Tributary Water Quantity	154	1473	Restore Anadromous Fish Habitat - Little Canyon Cr	BPA	Vegetation management
Protect & Enhance Tributary Habitat	Tributary Water Quantity	154	1474	Restore Anadromous Fish Habitat - Nichols Canyon	BPA	Improved steelhead spawning & rearing habitat
Protect & Enhance Tributary Habitat	Tributary Water Quantity	154	1474	Restore Anadromous Fish Habitat - Nichols Canyon	BPA	Improved agricultural /range land useage
Protect & Enhance Tributary Habitat	Tributary Water Quantity	154	1474	Restore Anadromous Fish Habitat - Nichols Canyon	BPA	Coordination of funding and effort
Protect & Enhance Tributary Habitat	Tributary Water Quantity	154	1475	Protecting & Restoring Big Canyon Creek Watershed	BPA	Watershed plans
Protect & Enhance Tributary Habitat	Tributary Water Quantity	154	1475	Protecting & Restoring Big Canyon Creek Watershed	BPA	Assessed watershed conditions
Protect & Enhance Tributary Habitat	Tributary Water Quantity	154	1476	Rehabilitate Lapwai Creek	BPA	Lapwai Watershed Plan
Protect & Enhance Tributary Habitat	Tributary Water Quantity	154	1478	Restore Salmon River - Challis Area	BPA	Restored fish habitat
Protect & Enhance Tributary Habitat	Tributary Water Quantity	154	1481	Pataha Watershed Project Planning & Implementation	BPA	Water quality monitored
Protect & Enhance Tributary Habitat	Tributary Water Quantity	154	1481	Pataha Watershed Project Planning & Implementation	BPA	Pataha Creek Model Watershed Plan
Protect & Enhance Tributary Habitat	Tributary Water Quantity	154	1553	Rock Creek Watershed Assessment & Restoration	BPA	Rock Creek watershed study
Protect & Enhance Tributary Habitat	Tributary Water Quantity	154	1573	Enhance North Fork John Day River Subbasin - CTUIR	BPA	Monitored projects
Protect & Enhance Tributary Habitat	Tributary Water Quantity	154	1573	Enhance North Fork John Day River Subbasin - CTUIR	BPA	Watershed plan
Protect & Enhance Tributary Habitat	Tributary Water Quantity	154	1573	Enhance North Fork John Day River Subbasin - CTUIR	BPA	Enhanced properties
Protect & Enhance Tributary Habitat	Tributary Water Quantity	154	1576	Protect N Lochsa Face Analysis Area Watershed	BPA	Obliterated road
Protect & Enhance Tributary Habitat	Tributary Water Quantity	154	1576	Protect N Lochsa Face Analysis Area Watershed	BPA	M & E program
Protect & Enhance Tributary Habitat	Tributary Water Quantity	154	1576	Protect N Lochsa Face Analysis Area Watershed	BPA	Sediment input alleviated

Table 3: List of Habitat Projects

Strategy	Substrategy	RPA Action Num	Project ID Number	Project Title	Lead Agency	02 Work Expectation
Protect & Enhance Tributary Habitat	Tributary Water Quantity	154	1577	Rehabilitate Newsome Creek - S Fork Clearwater R	BPA	Obliterate 10 miles of road
Protect & Enhance Tributary Habitat	Tributary Water Quantity	154	1577	Rehabilitate Newsome Creek - S Fork Clearwater R	BPA	Plan for restoration of dredged areas
Protect & Enhance Tributary Habitat	Tributary Water Quantity	154	1577	Rehabilitate Newsome Creek - S Fork Clearwater R	BPA	Watershed plan
Protect & Enhance Tributary Habitat	Tributary Water Quantity	154	1577	Rehabilitate Newsome Creek - S Fork Clearwater R	BPA	List of additional roads for obliteration
Protect & Enhance Tributary Habitat	Tributary Water Quantity	154	1578	Protect and Restore Mill Creek Watershed	BPA	Enhanced riparian areas
Protect & Enhance Tributary Habitat	Tributary Water Quantity	154	1578	Protect and Restore Mill Creek Watershed	BPA	MOA with the Nez Perce NF
Protect & Enhance Tributary Habitat	Tributary Water Quantity	154	1736	Salmonid Production in Restored Rattlesnake Creek	BPA	Evaluation of habitat and population conditions
Protect & Enhance Tributary Habitat	Tributary Watershed Health	149	<i>unassigned</i>	Milton-Freewater Walla Walla River, OR, Section 1135	COE	Up to 25 hectares of floodplain restored.
Protect & Enhance Tributary Habitat	Tributary Watershed Health	149	<i>unassigned</i>	Grande Ronde, LaGrande OR, Section 1135	COE	Improve 2 ½ river miles of habitat
Protect & Enhance Tributary Habitat	Tributary Watershed Health	149	<i>unassigned</i>	Ladd Marsh Grande Ronde Ladd Creek, Section 206	COE	Restore natural function in up to one mile of creek.
Protect & Enhance Tributary Habitat	Tributary Watershed Health	149	<i>unassigned</i>	East Birch Creek Umatilla County OR, Section 206	COE	Complete '02. Salmonid spawning and rearing habitat improved. 1.2 miles of natural channel restoration
Protect & Enhance Tributary Habitat	Tributary Watershed Health	149	<i>unassigned</i>	Walla Walla General Investigation	COE	Feasibility study, gather baseline info, develop alternatives
Protect & Enhance Tributary Habitat	Tributary Watershed Health	149	<i>unassigned</i>	Trout Creek, Section 206	COE	Begin construction. Restore natural channel and geomorphic function up to 3 river miles.
Protect & Enhance Tributary Habitat	Tributary Watershed Health	149	<i>unassigned</i>	Salmon Creek, Vancouver, WA Section 206	COE	Begin construction
Protect & Enhance Tributary Habitat	Tributary Watershed Health	149	<i>unassigned</i>	Fox Creek, Rainier, Oregon Section 1135	COE	Restore approximately 500' riparian habitat
Protect & Enhance Tributary Habitat	Tributary Watershed Health	149	<i>unassigned</i>	Reevaluate Lower Snake Compensation Plan	COE	Complete analysis and recommendations
Protect & Enhance Tributary Habitat	Tributary Watershed Health	151	<i>unassigned</i>	Reevaluate Lower Snake Compensation Plan	COE	Complete analysis and recommendations
Protect & Enhance Tributary Habitat	Tributary Watershed Health	154	<i>unassigned</i>	Milton-Freewater Walla Walla River, OR, Section 1135	COE	Up to 25 hectares of floodplain restored.
Protect & Enhance Tributary Habitat	Tributary Watershed Health	154	<i>unassigned</i>	Grande Ronde, LaGrande OR, Section 1135	COE	Improve 2 ½ river miles of habitat
Protect & Enhance Tributary Habitat	Tributary Watershed Health	154	<i>unassigned</i>	Ladd Marsh Grande Ronde Ladd Creek, Section 206	COE	Restore natural function in up to one mile of creek.
Protect & Enhance Tributary Habitat	Tributary Watershed Health	154	<i>unassigned</i>	East Birch Creek Umatilla County OR, Section 206	COE	Complete '02. Salmonid spawning and rearing habitat improved. 1.2 miles of natural channel restoration
Protect & Enhance Tributary Habitat	Tributary Watershed Health	154	<i>unassigned</i>	Walla Walla General Investigation	COE	Feasibility study, gather baseline info, develop alternatives

Table 3: List of Habitat Projects

Strategy	Substrategy	RPA Action Num	Project ID Number	Project Title	Lead Agency	02 Work Expectation
Protect & Enhance Tributary Habitat	Tributary Watershed Health	154	<i>unassigned</i>	Trout Creek, Section 206	COE	Begin construction. Restore natural channel and geomorphic function up to 3 river miles.
Protect & Enhance Tributary Habitat	Tributary Watershed Health	154	<i>unassigned</i>	Salmon Creek, Vancouver, WA Section 206	COE	Begin construction
Protect & Enhance Tributary Habitat	Tributary Watershed Health	154	<i>unassigned</i>	Fox Creek, Rainier, Oregon Section 1135	COE	Restore approximately 500' riparian habitat
Protect & Enhance Tributary Habitat	Tributary Watershed Health	149	133	Mainstem & Middle Fork John Day Habitat Work	BPA	Riparian fencing on Middle Fk and mainstem John Day River tributaries.
Protect & Enhance Tributary Habitat	Tributary Watershed Health	149	133	Mainstem & Middle Fork John Day Habitat Work	BPA	Instream work on Middle Fk and mainstem John Day River tributaries.
Protect & Enhance Tributary Habitat	Tributary Watershed Health	149	133	Mainstem & Middle Fork John Day Habitat Work	BPA	Riparian planting on Middle Fk and mainstem John Day River tributaries.
Protect & Enhance Tributary Habitat	Tributary Watershed Health	149	286	Umatilla Habitat Improvement / CTUIR	BPA	Anadromous habitat enhancement for Meacham Cr
Protect & Enhance Tributary Habitat	Tributary Watershed Health	149	709	Model Watershed Studies - Lemhi River Basin	BPA	Watershed restoration in Lemhi River Basin, Pahsimeroi River basin and East Fork Salmon River basin
Protect & Enhance Tributary Habitat	Tributary Watershed Health	149	850	Upper Salmon River Anadromous Fish Passage	BPA	Diversion headgates, improved water distribution, and acquired instream flow
Protect & Enhance Tributary Habitat	Tributary Watershed Health	149	850	Upper Salmon River Anadromous Fish Passage	BPA	Habitat enhancement and passage restoration through fishways, diversion headgates, improved water distribution, and acquired instream flow
Protect & Enhance Tributary Habitat	Tributary Watershed Health	149	850	Upper Salmon River Anadromous Fish Passage	BPA	Fishways
Protect & Enhance Tributary Habitat	Tributary Watershed Health	149	852	Oregon Fish Screens Project	BPA	DeNiel fish passage structures in Trout Cr
Protect & Enhance Tributary Habitat	Tributary Watershed Health	149	852	Oregon Fish Screens Project	BPA	La Grande fish screen shop
Protect & Enhance Tributary Habitat	Tributary Watershed Health	149	852	Oregon Fish Screens Project	BPA	John Day fish screen shop
Protect & Enhance Tributary Habitat	Tributary Watershed Health	149	852	Oregon Fish Screens Project	BPA	Fabricate & install fish screens in John Day, Umatilla, & Walla Walla Basins
Protect & Enhance Tributary Habitat	Tributary Watershed Health	149	886	Idaho Fish Screening Improvement	BPA	Consolidate and screen diversions
Protect & Enhance Tributary Habitat	Tributary Watershed Health	149	888	Idaho Model Watershed Habitat Projects	BPA	Riparian fencing
Protect & Enhance Tributary Habitat	Tributary Watershed Health	149	888	Idaho Model Watershed Habitat Projects	BPA	Controlling livestock grazing
Protect & Enhance Tributary Habitat	Tributary Watershed Health	149	888	Idaho Model Watershed Habitat Projects	BPA	Resource Management System plans
Protect & Enhance Tributary Habitat	Tributary Watershed Health	149	888	Idaho Model Watershed Habitat Projects	BPA	Riparian planting
Protect & Enhance Tributary Habitat	Tributary Watershed Health	149	888	Idaho Model Watershed Habitat Projects	BPA	Instream structures
Protect & Enhance Tributary Habitat	Tributary Watershed Health	149	1095	Juvenile & Adult Passage- Walla Walla Basin	BPA	Screen/trap facilities

Table 3: List of Habitat Projects

Strategy	Substrategy	RPA Action Num	Project ID Number	Project Title	Lead Agency	02 Work Expectation
Protect & Enhance Tributary Habitat	Tributary Watershed Health	149	1101	Walla Walla Basin Anadromous Fish Passage	BPA	Adult passage at irrigation diversion dams
Protect & Enhance Tributary Habitat	Tributary Watershed Health	149	1141	Methow River Valley Irrigation District - YN	BPA	Increased instream flow
Protect & Enhance Tributary Habitat	Tributary Watershed Health	149	1141	Methow River Valley Irrigation District - YN	BPA	Pressurized irrigation system
Protect & Enhance Tributary Habitat	Tributary Watershed Health	149	1401	Gravel Push-Up Dam Removal Lower N FK John Day R	BPA	Pushup dams replaced
Protect & Enhance Tributary Habitat	Tributary Watershed Health	149	1401	Gravel Push-Up Dam Removal Lower N FK John Day R	BPA	Monitoring of results
Protect & Enhance Tributary Habitat	Tributary Watershed Health	149	1401	Gravel Push-Up Dam Removal Lower N FK John Day R	BPA	Pumping stations established
Protect & Enhance Tributary Habitat	Tributary Watershed Health	149	1402	Irrigation & Riparian Improvements - John Day R	BPA	Alternative irrigation sources / techniques
Protect & Enhance Tributary Habitat	Tributary Watershed Health	149	1402	Irrigation & Riparian Improvements - John Day R	BPA	Push-up dams eliminated
Protect & Enhance Tributary Habitat	Tributary Watershed Health	149	1402	Irrigation & Riparian Improvements - John Day R	BPA	Permanent intake structures
Protect & Enhance Tributary Habitat	Tributary Watershed Health	149	1408	Assess Salmonid Habitat Walla Walla Watershed - WA	BPA	Assesment of conditions and populations
Protect & Enhance Tributary Habitat	Tributary Watershed Health	149	1478	Restore Salmon River - Challis Area	BPA	Restored fish habitat
Protect & Enhance Tributary Habitat	Tributary Watershed Health	149	1497	Salmon Creek Instream Flow & Habitat Survey	BPA	Fishery and water resources documented
Protect & Enhance Tributary Habitat	Tributary Watershed Health	149	1497	Salmon Creek Instream Flow & Habitat Survey	BPA	Hydrologic model for the drainage
Protect & Enhance Tributary Habitat	Tributary Watershed Health	149	1575	Walla Walla River Fish Passage Operations	BPA	Passage facilities
Protect & Enhance Tributary Habitat	Tributary Watershed Health	149	1575	Walla Walla River Fish Passage Operations	BPA	Trapping facilities
Protect & Enhance Tributary Habitat	Tributary Watershed Health	149	1575	Walla Walla River Fish Passage Operations	BPA	Effectively utilizing transport equipment
Protect & Enhance Tributary Habitat	Tributary Watershed Health	149	1734	Fifteen Mile Subbasin Water Right Acquisition	BPA	Acquired water rights
Protect & Enhance Tributary Habitat	Tributary Watershed Health	149	1735	Salmon and Steelhead Exertion Study	BPA	Location of difficult fish passage sites
Protect & Enhance Tributary Habitat	Tributary Watershed Health	149	1749	Gourley Creek Dam Fish Ladder	BPA	Eliminated fish passage barrier
Protect & Enhance Tributary Habitat	Tributary Watershed Health	149	1750	Protect ESA Fish With Screens in Walla Walla Basin	BPA	Fish screens for 197 Walla Walla Basin irrigation diversions.
Protect & Enhance Tributary Habitat	Tributary Watershed Health	149	1753	Farmers Irr Dist Mainstem Hood River Fish Screen	BPA	New horizontal fixed plate screen
Protect & Enhance Tributary Habitat	Tributary Watershed Health	149	1762	Reconnect Little Morgan Creek to Pahsimeroi River	BPA	Little Morgan Creek reconnected with Pahsimeroi River
Protect & Enhance Tributary Habitat	Tributary Watershed Health	149	1762	Reconnect Little Morgan Creek to Pahsimeroi River	BPA	14.3 miles of historical anadromous habitat restored
Protect & Enhance Tributary Habitat	Tributary Watershed Health	149	1763	Restoration of Anadromous Fish Access to Hawley Cr	BPA	Improve irrigation methods

Table 3: List of Habitat Projects

Strategy	Substrategy	RPA Action Num	Project ID Number	Project Title	Lead Agency	02 Work Expectation
Protect & Enhance Tributary Habitat	Tributary Watershed Health	149	1763	Restoration of Anadromous Fish Access to Hawley Cr	BPA	Reduced water temperatures
Protect & Enhance Tributary Habitat	Tributary Watershed Health	149	1763	Restoration of Anadromous Fish Access to Hawley Cr	BPA	Restored riparian habitat
Protect & Enhance Tributary Habitat	Tributary Watershed Health	149	1763	Restoration of Anadromous Fish Access to Hawley Cr	BPA	Hawley Creek reconnected to the Lemhi River
Protect & Enhance Tributary Habitat	Tributary Watershed Health	149	1765	Supplemental Flows in Buck Hollow	BPA	headwater irrigation well
Protect & Enhance Tributary Habitat	Tributary Watershed Health	149	1765	Supplemental Flows in Buck Hollow	BPA	Supplemented stream flow (1-1.5 cfs)
Protect & Enhance Tributary Habitat	Tributary Watershed Health	149	1768	Trout Creek Streamflow Enhancement	BPA	Safer culverts
Protect & Enhance Tributary Habitat	Tributary Watershed Health	149	1768	Trout Creek Streamflow Enhancement	BPA	Fish passage barriers removed
Protect & Enhance Tributary Habitat	Tributary Watershed Health	149	1770	Badger Creek Culvert Replacement	BPA	Box culvert eliminating fish passage barrier
Protect & Enhance Tributary Habitat	Tributary Watershed Health	149	1774	Touchet River Stream Flow Enhancement	BPA	Acquired water rights
Protect & Enhance Tributary Habitat	Tributary Watershed Health	149	1774	Touchet River Stream Flow Enhancement	BPA	Increased stream flows
Protect & Enhance Tributary Habitat	Tributary Watershed Health	149	1775	Lostine River Streamflow Enhancement	BPA	Acquired water rights
Protect & Enhance Tributary Habitat	Tributary Watershed Health	149	1775	Lostine River Streamflow Enhancement	BPA	Increased stream flows
Protect & Enhance Tributary Habitat	Tributary Watershed Health	149	1776	Methow River Basin Screening	BPA	new fish screens constructed
Protect & Enhance Tributary Habitat	Tributary Watershed Health	149	1776	Methow River Basin Screening	BPA	Fish screen facilities upgrades
Protect & Enhance Tributary Habitat	Tributary Watershed Health	149	1777	Simcoe Creek Streamflow Enhancement	BPA	Canal screens
Protect & Enhance Tributary Habitat	Tributary Watershed Health	149	1777	Simcoe Creek Streamflow Enhancement	BPA	Ladders at two diversion dams
Protect & Enhance Tributary Habitat	Tributary Watershed Health	149	1777	Simcoe Creek Streamflow Enhancement	BPA	Off site water facilities
Protect & Enhance Tributary Habitat	Tributary Watershed Health	149	1778	Hancock Springs Passage & Habitat Restoration	BPA	Access to spring fed channel
Protect & Enhance Tributary Habitat	Tributary Watershed Health	150	133	Mainstem & Middle Fork John Day Habitat Work	BPA	Riparian planting on Middle Fk and mainstem John Day River tributaries.
Protect & Enhance Tributary Habitat	Tributary Watershed Health	150	133	Mainstem & Middle Fork John Day Habitat Work	BPA	Instream work on Middle Fk and mainstem John Day River tributaries.
Protect & Enhance Tributary Habitat	Tributary Watershed Health	150	133	Mainstem & Middle Fork John Day Habitat Work	BPA	Riparian fencing on Middle Fk and mainstem John Day River tributaries.
Protect & Enhance Tributary Habitat	Tributary Watershed Health	150	137	Joseph Creek & Grande Ronde River Habitat Work	BPA	Instream work on Joseph Creek drainage and upper Grande Ronde R.
Protect & Enhance Tributary Habitat	Tributary Watershed Health	150	137	Joseph Creek & Grande Ronde River Habitat Work	BPA	Riparian fencing on Joseph Creek drainage and upper Grande Ronde R.
Protect & Enhance Tributary Habitat	Tributary Watershed Health	150	286	Umatilla Habitat Improvement / CTUIR	BPA	Anadromous habitat enhancement for Meacham Cr

Table 3: List of Habitat Projects

Strategy	Substrategy	RPA Action Num	Project ID Number	Project Title	Lead Agency	02 Work Expectation
Protect & Enhance Tributary Habitat	Tributary Watershed Health	150	287	Umatilla Fish Habitat Improvement / ODFW	BPA	Riparian fencing E & W Birch Creeks, Meacham Cr & North Fk of Meacham Cr
Protect & Enhance Tributary Habitat	Tributary Watershed Health	150	287	Umatilla Fish Habitat Improvement / ODFW	BPA	Instream structures: E & W Birch Creeks, Meacham Cr & North Fk of Meacham Cr
Protect & Enhance Tributary Habitat	Tributary Watershed Health	150	752	Lower Yakima Valley Riparian/Wetlands - Phase I	BPA	Protecting and enhancing riparian and wetland habitat in the Yakama Reservation.
Protect & Enhance Tributary Habitat	Tributary Watershed Health	150	825	Fifteenmile Creek Habitat Improvement	BPA	Riparian fencing in the Fifteenmile Creek Basin
Protect & Enhance Tributary Habitat	Tributary Watershed Health	150	825	Fifteenmile Creek Habitat Improvement	BPA	Bank stabilization work in the Fifteenmile Creek Basin
Protect & Enhance Tributary Habitat	Tributary Watershed Health	150	888	Idaho Model Watershed Habitat Projects	BPA	Riparian fencing
Protect & Enhance Tributary Habitat	Tributary Watershed Health	150	888	Idaho Model Watershed Habitat Projects	BPA	Instream structures
Protect & Enhance Tributary Habitat	Tributary Watershed Health	150	888	Idaho Model Watershed Habitat Projects	BPA	Resource Management System plans
Protect & Enhance Tributary Habitat	Tributary Watershed Health	150	888	Idaho Model Watershed Habitat Projects	BPA	Controlling livestock grazing
Protect & Enhance Tributary Habitat	Tributary Watershed Health	150	888	Idaho Model Watershed Habitat Projects	BPA	Riparian planting
Protect & Enhance Tributary Habitat	Tributary Watershed Health	150	898	Tucannon Stream & Riparian Restoration	BPA	Tucannon pool development
Protect & Enhance Tributary Habitat	Tributary Watershed Health	150	898	Tucannon Stream & Riparian Restoration	BPA	Tucannon stream bank stabilization
Protect & Enhance Tributary Habitat	Tributary Watershed Health	150	898	Tucannon Stream & Riparian Restoration	BPA	Tucannon riparian planting
Protect & Enhance Tributary Habitat	Tributary Watershed Health	150	899	Pataha Creek Stream & Cropland Restoration	BPA	Reduced sediment delivery
Protect & Enhance Tributary Habitat	Tributary Watershed Health	150	899	Pataha Creek Stream & Cropland Restoration	BPA	Off site watering.
Protect & Enhance Tributary Habitat	Tributary Watershed Health	150	899	Pataha Creek Stream & Cropland Restoration	BPA	Riparian fencing
Protect & Enhance Tributary Habitat	Tributary Watershed Health	150	899	Pataha Creek Stream & Cropland Restoration	BPA	Riparian vegetation management
Protect & Enhance Tributary Habitat	Tributary Watershed Health	150	929	Trout Creek Operation & Maintenance	BPA	O & M of habitat improvements
Protect & Enhance Tributary Habitat	Tributary Watershed Health	150	929	Trout Creek Operation & Maintenance	BPA	M & E of habitat improvements / smolt production
Protect & Enhance Tributary Habitat	Tributary Watershed Health	150	937	Salmon River Habitat Enhancement and O&M	BPA	M & E of habitat improvements
Protect & Enhance Tributary Habitat	Tributary Watershed Health	150	937	Salmon River Habitat Enhancement and O&M	BPA	O & M of habitat improvements
Protect & Enhance Tributary Habitat	Tributary Watershed Health	150	1034	Squaw Creek Watershed Wildlife Project	BPA	Implemented management plan

Table 3: List of Habitat Projects

Strategy	Substrategy	RPA Action Num	Project ID Number	Project Title	Lead Agency	02 Work Expectation
Protect & Enhance Tributary Habitat	Tributary Watershed Health	150	1034	Squaw Creek Watershed Wildlife Project	BPA	Purchased land
Protect & Enhance Tributary Habitat	Tributary Watershed Health	150	1089	Upper Salmon River Diversion Consolidation Program	BPA	Consolidate diversions and screen
Protect & Enhance Tributary Habitat	Tributary Watershed Health	150	1141	Methow River Valley Irrigation District - YN	BPA	Pressurized irrigation system
Protect & Enhance Tributary Habitat	Tributary Watershed Health	150	1141	Methow River Valley Irrigation District - YN	BPA	Increased instream flow
Protect & Enhance Tributary Habitat	Tributary Watershed Health	150	1143	Yakima Watershed Restoration - Satus Creek - YIN	BPA	Improved fish habitat
Protect & Enhance Tributary Habitat	Tributary Watershed Health	150	1163	Walla Walla River Basin Fish Habitat Enhancement	BPA	Stabilized banks
Protect & Enhance Tributary Habitat	Tributary Watershed Health	150	1163	Walla Walla River Basin Fish Habitat Enhancement	BPA	Riparian fencing
Protect & Enhance Tributary Habitat	Tributary Watershed Health	150	1163	Walla Walla River Basin Fish Habitat Enhancement	BPA	Noxious weed control
Protect & Enhance Tributary Habitat	Tributary Watershed Health	150	1205	Nez Perce NE Oregon Wildlife Project: Helm Tract	BPA	Helm Tract additions
Protect & Enhance Tributary Habitat	Tributary Watershed Health	150	1208	Grande Ronde Watershed Restoration - CTUIR	BPA	Enhanced water quality
Protect & Enhance Tributary Habitat	Tributary Watershed Health	150	1208	Grande Ronde Watershed Restoration - CTUIR	BPA	Enhanced water quantity
Protect & Enhance Tributary Habitat	Tributary Watershed Health	150	1208	Grande Ronde Watershed Restoration - CTUIR	BPA	Enhanced instream habitat
Protect & Enhance Tributary Habitat	Tributary Watershed Health	150	1208	Grande Ronde Watershed Restoration - CTUIR	BPA	Enhanced riparian habitat
Protect & Enhance Tributary Habitat	Tributary Watershed Health	150	1263	Wallowa County/Nez Perce Salmon Habitat Recovery	BPA	Implementation of the Salmon Habitat Recovery Plan
Protect & Enhance Tributary Habitat	Tributary Watershed Health	150	1263	Wallowa County/Nez Perce Salmon Habitat Recovery	BPA	Monitoring of the Salmon Habitat Recovery Plan
Protect & Enhance Tributary Habitat	Tributary Watershed Health	150	1358	Cottonwood Creek Riparian Enhancement/Wallowa	BPA	Road removed from riparian zone where possible
Protect & Enhance Tributary Habitat	Tributary Watershed Health	150	1358	Cottonwood Creek Riparian Enhancement/Wallowa	BPA	Bridges repaired
Protect & Enhance Tributary Habitat	Tributary Watershed Health	150	1358	Cottonwood Creek Riparian Enhancement/Wallowa	BPA	Eroded road restored
Protect & Enhance Tributary Habitat	Tributary Watershed Health	150	1358	Cottonwood Creek Riparian Enhancement/Wallowa	BPA	Cut banks armored
Protect & Enhance Tributary Habitat	Tributary Watershed Health	150	1361	Water Quality Monitoring for Grande Ronde Basin	BPA	Coordinated monitoring
Protect & Enhance Tributary Habitat	Tributary Watershed Health	150	1361	Water Quality Monitoring for Grande Ronde Basin	BPA	Expanded monitoring program
Protect & Enhance Tributary Habitat	Tributary Watershed Health	150	1361	Water Quality Monitoring for Grande Ronde Basin	BPA	Reports of conditions and trends
Protect & Enhance Tributary Habitat	Tributary Watershed Health	150	1409	Hood River Fish Habitat	BPA	Riparian fencing
Protect & Enhance Tributary Habitat	Tributary Watershed Health	150	1409	Hood River Fish Habitat	BPA	Alternative irrigation water source developed

Table 3: List of Habitat Projects

Strategy	Substrategy	RPA Action Num	Project ID Number	Project Title	Lead Agency	02 Work Expectation
Protect & Enhance Tributary Habitat	Tributary Watershed Health	150	1409	Hood River Fish Habitat	BPA	Problems resolved at diversions
Protect & Enhance Tributary Habitat	Tributary Watershed Health	150	1409	Hood River Fish Habitat	BPA	Rip rap stream banks
Protect & Enhance Tributary Habitat	Tributary Watershed Health	150	1411	Acquisition of Pine Creek Ranch	BPA	Pine Creek Ranch
Protect & Enhance Tributary Habitat	Tributary Watershed Health	150	1442	Mcintyre Road Relocation - Union County	BPA	Obliterated road
Protect & Enhance Tributary Habitat	Tributary Watershed Health	150	1442	Mcintyre Road Relocation - Union County	BPA	Reconstructed county road
Protect & Enhance Tributary Habitat	Tributary Watershed Health	150	1444	Grouse Creek Culvert Replacement	BPA	Grouse Creek multi-plate arch culvert
Protect & Enhance Tributary Habitat	Tributary Watershed Health	150	1444	Grouse Creek Culvert Replacement	BPA	Road raised and alignment improved
Protect & Enhance Tributary Habitat	Tributary Watershed Health	150	1465	Bakeoven Riparian Assessment	BPA	Fencing
Protect & Enhance Tributary Habitat	Tributary Watershed Health	150	1465	Bakeoven Riparian Assessment	BPA	Off-site water developments
Protect & Enhance Tributary Habitat	Tributary Watershed Health	150	1465	Bakeoven Riparian Assessment	BPA	Assessment of Bakeoven watershed conditions
Protect & Enhance Tributary Habitat	Tributary Watershed Health	150	1465	Bakeoven Riparian Assessment	BPA	Revegetation
Protect & Enhance Tributary Habitat	Tributary Watershed Health	150	1465	Bakeoven Riparian Assessment	BPA	Watershed restoration plan
Protect & Enhance Tributary Habitat	Tributary Watershed Health	150	1465	Bakeoven Riparian Assessment	BPA	Watershed monitoring plan
Protect & Enhance Tributary Habitat	Tributary Watershed Health	150	1503	Union County Technical Engineering Assistance	BPA	Technical support
Protect & Enhance Tributary Habitat	Tributary Watershed Health	150	1504	Wallowa County Technical Engineering Assistance	BPA	Water Temperature Software Project
Protect & Enhance Tributary Habitat	Tributary Watershed Health	150	1505	Water Temp Manipulation & Data Sharing Software	BPA	Public domain software program for water temperature data collection and analysis
Protect & Enhance Tributary Habitat	Tributary Watershed Health	150	1521	Grande Ronde - Union SWCD Chan, Rd & Passage Rest	BPA	Grande Ronde bank work
Protect & Enhance Tributary Habitat	Tributary Watershed Health	150	1521	Grande Ronde - Union SWCD Chan, Rd & Passage Rest	BPA	Mill Creek / Caldwell diversion dam passage improvement
Protect & Enhance Tributary Habitat	Tributary Watershed Health	150	1521	Grande Ronde - Union SWCD Chan, Rd & Passage Rest	BPA	Smutz Draw road relocation
Protect & Enhance Tributary Habitat	Tributary Watershed Health	150	1521	Grande Ronde - Union SWCD Chan, Rd & Passage Rest	BPA	Phillips Creek bridge,
Protect & Enhance Tributary Habitat	Tributary Watershed Health	150	1522	Grande Ronde - Union SWCD Riparian, Upland Rest	BPA	Soil aerator
Protect & Enhance Tributary Habitat	Tributary Watershed Health	150	1522	Grande Ronde - Union SWCD Riparian, Upland Rest	BPA	Ladd Creek riparian fence
Protect & Enhance Tributary Habitat	Tributary Watershed Health	150	1522	Grande Ronde - Union SWCD Riparian, Upland Rest	BPA	Cattle watering troughs

Table 3: List of Habitat Projects

Strategy	Substrategy	RPA Action Num	Project ID Number	Project Title	Lead Agency	02 Work Expectation
Protect & Enhance Tributary Habitat	Tributary Watershed Health	150	1524	Alpine Meadows - Trout Creek Restoration	BPA	Eroding Trout Creek channel stabilized
Protect & Enhance Tributary Habitat	Tributary Watershed Health	150	1530	Wallowa County Gauging Stations	BPA	Maintain seven stream gages
Protect & Enhance Tributary Habitat	Tributary Watershed Health	150	1531	Hagedorn Road Relocation/Stream Restoration	BPA	Old Hagedorn Road obliterated
Protect & Enhance Tributary Habitat	Tributary Watershed Health	150	1531	Hagedorn Road Relocation/Stream Restoration	BPA	Hagedorn Road relocated
Protect & Enhance Tributary Habitat	Tributary Watershed Health	150	1533	Grande Ronde Basin Tech Engineering Assistance	BPA	Technical support
Protect & Enhance Tributary Habitat	Tributary Watershed Health	150	1537	Wallowa County Direct Seeding	BPA	No-till agriculture demonstration
Protect & Enhance Tributary Habitat	Tributary Watershed Health	150	1538	Crow Cr Star Thistle Containment & Riparian Enhanc	BPA	Spalding catchfly protected
Protect & Enhance Tributary Habitat	Tributary Watershed Health	150	1538	Crow Cr Star Thistle Containment & Riparian Enhanc	BPA	Noxious weed control
Protect & Enhance Tributary Habitat	Tributary Watershed Health	150	1557	Acquire Oxbow Ranch Middle Fork John Day River	BPA	Oxbow Ranch
Protect & Enhance Tributary Habitat	Tributary Watershed Health	150	1562	WLMitigation Sites Oregon, Wenaha WMA Additions	BPA	Enhanced Wenaha WMA
Protect & Enhance Tributary Habitat	Tributary Watershed Health	150	1562	WLMitigation Sites Oregon, Wenaha WMA Additions	BPA	Land acquisition or easement
Protect & Enhance Tributary Habitat	Tributary Watershed Health	150	1563	WL Mitigation Sites Oregon, Ladd Marsh Additions	BPA	Ladd Marsh WMA additions
Protect & Enhance Tributary Habitat	Tributary Watershed Health	150	1563	WL Mitigation Sites Oregon, Ladd Marsh Additions	BPA	Enhanced additions to Ladd Marsh WMA
Protect & Enhance Tributary Habitat	Tributary Watershed Health	150	1573	Enhance North Fork John Day River Subbasin - CTUIR	BPA	Enhanced properties
Protect & Enhance Tributary Habitat	Tributary Watershed Health	150	1573	Enhance North Fork John Day River Subbasin - CTUIR	BPA	Monitored projects
Protect & Enhance Tributary Habitat	Tributary Watershed Health	150	1573	Enhance North Fork John Day River Subbasin - CTUIR	BPA	Watershed plan
Protect & Enhance Tributary Habitat	Tributary Watershed Health	150	1607	Conservation Reserve Enhancement Program Incentive	BPA	Riparian protective strips along streams
Protect & Enhance Tributary Habitat	Tributary Watershed Health	150	1609	Mccoys Cr Alta Cunha Ranches Instream Restoration	BPA	Pasture rest
Protect & Enhance Tributary Habitat	Tributary Watershed Health	150	1609	Mccoys Cr Alta Cunha Ranches Instream Restoration	BPA	Replanted riparian zone
Protect & Enhance Tributary Habitat	Tributary Watershed Health	150	1609	Mccoys Cr Alta Cunha Ranches Instream Restoration	BPA	Obliterated 3000 feet of abandoned railroad grade
Protect & Enhance Tributary Habitat	Tributary Watershed Health	150	1609	Mccoys Cr Alta Cunha Ranches Instream Restoration	BPA	Large woody debris in stream
Protect & Enhance Tributary Habitat	Tributary Watershed Health	150	1609	Mccoys Cr Alta Cunha Ranches Instream Restoration	BPA	McCoy Creek pasture fences
Protect & Enhance Tributary Habitat	Tributary Watershed Health	150	1623	Asotin Watershed Grazing Biological Plan	BPA	Weed control
Protect & Enhance Tributary Habitat	Tributary Watershed Health	150	1624	Rainwater Wildlife O & M	BPA	M & E for Rainwater Wildlife Area

Table 3: List of Habitat Projects

Strategy	Substrategy	RPA Action Num	Project ID Number	Project Title	Lead Agency	02 Work Expectation
Protect & Enhance Tributary Habitat	Tributary Watershed Health	150	1731	Fifteen Mile Creek Riparian Fencing/Stream Survey	BPA	Physical evaluation of streams
Protect & Enhance Tributary Habitat	Tributary Watershed Health	150	1731	Fifteen Mile Creek Riparian Fencing/Stream Survey	BPA	Riparian fencing
Protect & Enhance Tributary Habitat	Tributary Watershed Health	150	1746	Protect Bear Valley Wild Salmon Spawning Habitat	BPA	Closed Grazing allotment
Protect & Enhance Tributary Habitat	Tributary Watershed Health	150	1748	Arrowleaf/Methow River Conservation	BPA	Arrowleaf property
Protect & Enhance Tributary Habitat	Tributary Watershed Health	150	1751	Wagner Ranch Acquisition	BPA	Wagner Ranch
Protect & Enhance Tributary Habitat	Tributary Watershed Health	150	1752	Forrest Ranch Acquisition	BPA	Forrest Ranch
Protect & Enhance Tributary Habitat	Tributary Watershed Health	150	1754	Acquire 27,000 Camp Creek Ranch at Zumwalt Prairie	BPA	27,000 acres of Zumwalt Prairie
Protect & Enhance Tributary Habitat	Tributary Watershed Health	150	1755	Conservation Easement, Baker Ranch, Salmon River	BPA	Restored stream banks
Protect & Enhance Tributary Habitat	Tributary Watershed Health	150	1755	Conservation Easement, Baker Ranch, Salmon River	BPA	70 cfs remaining in stream thru closure of 7 diversions
Protect & Enhance Tributary Habitat	Tributary Watershed Health	150	1755	Conservation Easement, Baker Ranch, Salmon River	BPA	Protected riparian areas
Protect & Enhance Tributary Habitat	Tributary Watershed Health	150	1755	Conservation Easement, Baker Ranch, Salmon River	BPA	Conservation easement
Protect & Enhance Tributary Habitat	Tributary Watershed Health	151	133	Mainstem & Middle Fork John Day Habitat Work	BPA	Instream work on Middle Fk and mainstem John Day River tributaries.
Protect & Enhance Tributary Habitat	Tributary Watershed Health	151	133	Mainstem & Middle Fork John Day Habitat Work	BPA	Riparian fencing on Middle Fk and mainstem John Day River tributaries.
Protect & Enhance Tributary Habitat	Tributary Watershed Health	151	133	Mainstem & Middle Fork John Day Habitat Work	BPA	Riparian planting on Middle Fk and mainstem John Day River tributaries.
Protect & Enhance Tributary Habitat	Tributary Watershed Health	151	286	Umatilla Habitat Improvement / CTUIR	BPA	Anadromous habitat enhancement for Meacham Cr
Protect & Enhance Tributary Habitat	Tributary Watershed Health	151	1141	Methow River Valley Irrigation District - YN	BPA	Pressurized irrigation system
Protect & Enhance Tributary Habitat	Tributary Watershed Health	151	1141	Methow River Valley Irrigation District - YN	BPA	Increased instream flow
Protect & Enhance Tributary Habitat	Tributary Watershed Health	151	1467	15 Mile Creek Water Right Acquisition	BPA	Increase stream flow
Protect & Enhance Tributary Habitat	Tributary Watershed Health	151	1467	15 Mile Creek Water Right Acquisition	BPA	Acquired water rights
Protect & Enhance Tributary Habitat	Tributary Watershed Health	151	1725	Echo Meadow Winter Artificial Recharge	BPA	Linkages between winter artificial recharge of groundwater to the return flows
Protect & Enhance Tributary Habitat	Tributary Watershed Health	152	287	Umatilla Fish Habitat Improvement / ODFW	BPA	Instream structures: E & W Birch Creeks, Meacham Cr & North Fk of Meacham Cr
Protect & Enhance Tributary Habitat	Tributary Watershed Health	152	287	Umatilla Fish Habitat Improvement / ODFW	BPA	Riparian fencing E & W Birch Creeks, Meacham Cr & North Fk of Meacham Cr

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Strategy	Substrategy	RPA Action Num	Project ID Number	Project Title	Lead Agency	02 Work Expectation
Protect & Enhance Tributary Habitat	Tributary Watershed Health	152	707	Grande Ronde Model Watershed Development	BPA	Habitat restoration in the Grande Ronde basin
Protect & Enhance Tributary Habitat	Tributary Watershed Health	152	709	Model Watershed Studies - Lemhi River Basin	BPA	Watershed restoration in Lemhi River Basin, Pahsimeroi River basin and East Fork Salmon River basin
Protect & Enhance Tributary Habitat	Tributary Watershed Health	152	819	Red River Restoration (Little Ponderosa Ranch)	BPA	Riparian cover and temperature control in lower Red River Meadow.
Protect & Enhance Tributary Habitat	Tributary Watershed Health	152	819	Red River Restoration (Little Ponderosa Ranch)	BPA	Bank stabilization in lower Red River Meadow.
Protect & Enhance Tributary Habitat	Tributary Watershed Health	152	898	Tucannon Stream & Riparian Restoration	BPA	Tucannon riparian planting
Protect & Enhance Tributary Habitat	Tributary Watershed Health	152	898	Tucannon Stream & Riparian Restoration	BPA	Tucannon pool development
Protect & Enhance Tributary Habitat	Tributary Watershed Health	152	898	Tucannon Stream & Riparian Restoration	BPA	Tucannon stream bank stabilization
Protect & Enhance Tributary Habitat	Tributary Watershed Health	152	899	Pataha Creek Stream & Cropland Restoration	BPA	Reduced sediment delivery
Protect & Enhance Tributary Habitat	Tributary Watershed Health	152	899	Pataha Creek Stream & Cropland Restoration	BPA	Off site watering.
Protect & Enhance Tributary Habitat	Tributary Watershed Health	152	899	Pataha Creek Stream & Cropland Restoration	BPA	Riparian vegetation management
Protect & Enhance Tributary Habitat	Tributary Watershed Health	152	899	Pataha Creek Stream & Cropland Restoration	BPA	Riparian fencing
Protect & Enhance Tributary Habitat	Tributary Watershed Health	152	926	Wallowa Basin Project Planning	BPA	Watershed plan
Protect & Enhance Tributary Habitat	Tributary Watershed Health	152	929	Trout Creek Operation & Maintenance	BPA	M & E of habitat improvements / smolt production
Protect & Enhance Tributary Habitat	Tributary Watershed Health	152	929	Trout Creek Operation & Maintenance	BPA	O & M of habitat improvements
Protect & Enhance Tributary Habitat	Tributary Watershed Health	152	1034	Squaw Creek Watershed Wildlife Project	BPA	Implemented management plan
Protect & Enhance Tributary Habitat	Tributary Watershed Health	152	1034	Squaw Creek Watershed Wildlife Project	BPA	Purchased land
Protect & Enhance Tributary Habitat	Tributary Watershed Health	152	1089	Upper Salmon River Diversion Consolidation Program	BPA	Consolidate diversions and screen
Protect & Enhance Tributary Habitat	Tributary Watershed Health	152	1143	Yakima Watershed Restoration - Satus Creek - YIN	BPA	Improved fish habitat
Protect & Enhance Tributary Habitat	Tributary Watershed Health	152	1163	Walla Walla River Basin Fish Habitat Enhancement	BPA	Noxious weed control
Protect & Enhance Tributary Habitat	Tributary Watershed Health	152	1163	Walla Walla River Basin Fish Habitat Enhancement	BPA	Stabilized banks
Protect & Enhance Tributary Habitat	Tributary Watershed Health	152	1163	Walla Walla River Basin Fish Habitat Enhancement	BPA	Riparian fencing
Protect & Enhance Tributary Habitat	Tributary Watershed Health	152	1170	Clear Cr & NF John Day Dredge-Tailings Restoration	BPA	Redistributed dredge tailings
Protect & Enhance Tributary Habitat	Tributary Watershed Health	152	1170	Clear Cr & NF John Day Dredge-Tailings Restoration	BPA	Improved stream channel

Table 3: List of Habitat Projects

Strategy	Substrategy	RPA Action Num	Project ID Number	Project Title	Lead Agency	02 Work Expectation
Protect & Enhance Tributary Habitat	Tributary Watershed Health	152	1401	Gravel Push-Up Dam Removal Lower N FK John Day R	BPA	Pumping stations established
Protect & Enhance Tributary Habitat	Tributary Watershed Health	152	1401	Gravel Push-Up Dam Removal Lower N FK John Day R	BPA	Monitoring of results
Protect & Enhance Tributary Habitat	Tributary Watershed Health	152	1401	Gravel Push-Up Dam Removal Lower N FK John Day R	BPA	Pushup dams replaced
Protect & Enhance Tributary Habitat	Tributary Watershed Health	152	1402	Irrigation & Riparian Improvements - John Day R	BPA	Permanent intake structures
Protect & Enhance Tributary Habitat	Tributary Watershed Health	152	1402	Irrigation & Riparian Improvements - John Day R	BPA	Push-up dams eliminated
Protect & Enhance Tributary Habitat	Tributary Watershed Health	152	1402	Irrigation & Riparian Improvements - John Day R	BPA	Alternative irrigation sources / techniques
Protect & Enhance Tributary Habitat	Tributary Watershed Health	152	1419	Implement Trout Creek Watershed Enhancement	BPA	Implemented restoration plan
Protect & Enhance Tributary Habitat	Tributary Watershed Health	152	1419	Implement Trout Creek Watershed Enhancement	BPA	Infiltration galleries
Protect & Enhance Tributary Habitat	Tributary Watershed Health	152	1419	Implement Trout Creek Watershed Enhancement	BPA	Watershed plan
Protect & Enhance Tributary Habitat	Tributary Watershed Health	152	1425	Establish Safe Access Tributaries -Yakima Subbasin	BPA	Riparian fencing
Protect & Enhance Tributary Habitat	Tributary Watershed Health	152	1425	Establish Safe Access Tributaries -Yakima Subbasin	BPA	Reestablished passage into tributary habitats
Protect & Enhance Tributary Habitat	Tributary Watershed Health	152	1425	Establish Safe Access Tributaries -Yakima Subbasin	BPA	Purchased property / easements
Protect & Enhance Tributary Habitat	Tributary Watershed Health	152	1465	Bakeoven Riparian Assessment	BPA	Assessment of Bakeoven watershed conditions
Protect & Enhance Tributary Habitat	Tributary Watershed Health	152	1465	Bakeoven Riparian Assessment	BPA	Watershed monitoring plan
Protect & Enhance Tributary Habitat	Tributary Watershed Health	152	1465	Bakeoven Riparian Assessment	BPA	Watershed restoration plan
Protect & Enhance Tributary Habitat	Tributary Watershed Health	152	1465	Bakeoven Riparian Assessment	BPA	Fencing
Protect & Enhance Tributary Habitat	Tributary Watershed Health	152	1465	Bakeoven Riparian Assessment	BPA	Off-site water developments
Protect & Enhance Tributary Habitat	Tributary Watershed Health	152	1465	Bakeoven Riparian Assessment	BPA	Revegetation
Protect & Enhance Tributary Habitat	Tributary Watershed Health	152	1469	Pine Hollow Watershed Enhancement	BPA	Replanted riparian areas.
Protect & Enhance Tributary Habitat	Tributary Watershed Health	152	1469	Pine Hollow Watershed Enhancement	BPA	Master plan
Protect & Enhance Tributary Habitat	Tributary Watershed Health	152	1469	Pine Hollow Watershed Enhancement	BPA	Critical areas reseeded
Protect & Enhance Tributary Habitat	Tributary Watershed Health	152	1469	Pine Hollow Watershed Enhancement	BPA	Cross fencing
Protect & Enhance Tributary Habitat	Tributary Watershed Health	152	1469	Pine Hollow Watershed Enhancement	BPA	Springs developed
Protect & Enhance Tributary Habitat	Tributary Watershed Health	152	1472	Ahtanum Creek Watershed Assessment	BPA	Assessed stream habitat conditions

Table 3: List of Habitat Projects

Strategy	Substrategy	RPA Action Num	Project ID Number	Project Title	Lead Agency	02 Work Expectation
Protect & Enhance Tributary Habitat	Tributary Watershed Health	152	1472	Ahtanum Creek Watershed Assessment	BPA	Irrigated lands & water delivery systems mapped
Protect & Enhance Tributary Habitat	Tributary Watershed Health	152	1472	Ahtanum Creek Watershed Assessment	BPA	Water discharge & temperature monitored
Protect & Enhance Tributary Habitat	Tributary Watershed Health	152	1472	Ahtanum Creek Watershed Assessment	BPA	Assessed salmonid populated
Protect & Enhance Tributary Habitat	Tributary Watershed Health	152	1473	Restore Anadromous Fish Habitat - Little Canyon Cr	BPA	Sediment control basins
Protect & Enhance Tributary Habitat	Tributary Watershed Health	152	1473	Restore Anadromous Fish Habitat - Little Canyon Cr	BPA	Modified agricultural techniques
Protect & Enhance Tributary Habitat	Tributary Watershed Health	152	1473	Restore Anadromous Fish Habitat - Little Canyon Cr	BPA	Vegetation management
Protect & Enhance Tributary Habitat	Tributary Watershed Health	152	1473	Restore Anadromous Fish Habitat - Little Canyon Cr	BPA	Fencing
Protect & Enhance Tributary Habitat	Tributary Watershed Health	152	1474	Restore Anadromous Fish Habitat - Nichols Canyon	BPA	Improved agricultural /range land useage
Protect & Enhance Tributary Habitat	Tributary Watershed Health	152	1474	Restore Anadromous Fish Habitat - Nichols Canyon	BPA	Improved steelhead spawning & rearing habitat
Protect & Enhance Tributary Habitat	Tributary Watershed Health	152	1474	Restore Anadromous Fish Habitat - Nichols Canyon	BPA	Coordination of funding and effort
Protect & Enhance Tributary Habitat	Tributary Watershed Health	152	1481	Pataha Watershed Project Planning & Implementation	BPA	Water quality monitored
Protect & Enhance Tributary Habitat	Tributary Watershed Health	152	1481	Pataha Watershed Project Planning & Implementation	BPA	Pataha Creek Model Watershed Plan
Protect & Enhance Tributary Habitat	Tributary Watershed Health	153	137	Joseph Creek & Grande Ronde River Habitat Work	BPA	Instream work on Joseph Creek drainage and upper Grande Ronde R.
Protect & Enhance Tributary Habitat	Tributary Watershed Health	153	137	Joseph Creek & Grande Ronde River Habitat Work	BPA	Riparian fencing on Joseph Creek drainage and upper Grande Ronde R.
Protect & Enhance Tributary Habitat	Tributary Watershed Health	153	707	Grande Ronde Model Watershed Development	BPA	Habitat restoration in the Grande Ronde basin
Protect & Enhance Tributary Habitat	Tributary Watershed Health	153	888	Idaho Model Watershed Habitat Projects	BPA	Controlling livestock grazing
Protect & Enhance Tributary Habitat	Tributary Watershed Health	153	888	Idaho Model Watershed Habitat Projects	BPA	Resource Management System plans
Protect & Enhance Tributary Habitat	Tributary Watershed Health	153	888	Idaho Model Watershed Habitat Projects	BPA	Riparian planting
Protect & Enhance Tributary Habitat	Tributary Watershed Health	153	888	Idaho Model Watershed Habitat Projects	BPA	Instream structures
Protect & Enhance Tributary Habitat	Tributary Watershed Health	153	888	Idaho Model Watershed Habitat Projects	BPA	Riparian fencing
Protect & Enhance Tributary Habitat	Tributary Watershed Health	153	926	Wallowa Basin Project Planning	BPA	Watershed plan
Protect & Enhance Tributary Habitat	Tributary Watershed Health	153	1548	Training Support to Nracs/Wildland Hydrology	BPA	Fluvial geomorphology short course attendees
Protect & Enhance Tributary Habitat	Tributary Watershed Health	153	1573	Enhance North Fork John Day River Subbasin - CTUIR	BPA	Monitored projects
Protect & Enhance Tributary Habitat	Tributary Watershed Health	153	1573	Enhance North Fork John Day River Subbasin - CTUIR	BPA	Watershed plan

Table 3: List of Habitat Projects

Strategy	Substrategy	RPA Action Num	Project ID Number	Project Title	Lead Agency	02 Work Expectation
Protect & Enhance Tributary Habitat	Tributary Watershed Health	153	1573	Enhance North Fork John Day River Subbasin - CTUIR	BPA	Enhanced properties
Protect & Enhance Tributary Habitat	Tributary Watershed Health	153	1607	Conservation Reserve Enhancement Program Incentive	BPA	Riparian protective strips along streams
Protect & Enhance Tributary Habitat	Tributary Watershed Health	153	1732	Fifteen Mile Creek Riparian Buffers	BPA	Riparian buffer
Protect & Enhance Tributary Habitat	Tributary Watershed Health	154	287	Umatilla Fish Habitat Improvement / ODFW	BPA	Instream structures: E & W Birch Creeks, Meacham Cr & North Fk of Meacham Cr
Protect & Enhance Tributary Habitat	Tributary Watershed Health	154	287	Umatilla Fish Habitat Improvement / ODFW	BPA	Riparian fencing E & W Birch Creeks, Meacham Cr & North Fk of Meacham Cr
Protect & Enhance Tributary Habitat	Tributary Watershed Health	154	710	Life Studies of Spring Chinook -Grande Ronde River	BPA	Study report on the abundance, migration patterns, survival, and habitat use of spring chinook salmon juveniles in the Grande Ronde River basin.
Protect & Enhance Tributary Habitat	Tributary Watershed Health	154	819	Red River Restoration (Little Ponderosa Ranch)	BPA	Bank stabilization in lower Red River Meadow.
Protect & Enhance Tributary Habitat	Tributary Watershed Health	154	819	Red River Restoration (Little Ponderosa Ranch)	BPA	Riparian cover and temperature control in lower Red River Meadow.
Protect & Enhance Tributary Habitat	Tributary Watershed Health	154	888	Idaho Model Watershed Habitat Projects	BPA	Riparian fencing
Protect & Enhance Tributary Habitat	Tributary Watershed Health	154	888	Idaho Model Watershed Habitat Projects	BPA	Controlling livestock grazing
Protect & Enhance Tributary Habitat	Tributary Watershed Health	154	888	Idaho Model Watershed Habitat Projects	BPA	Resource Management System plans
Protect & Enhance Tributary Habitat	Tributary Watershed Health	154	888	Idaho Model Watershed Habitat Projects	BPA	Riparian planting
Protect & Enhance Tributary Habitat	Tributary Watershed Health	154	888	Idaho Model Watershed Habitat Projects	BPA	Instream structures
Protect & Enhance Tributary Habitat	Tributary Watershed Health	154	898	Tucannon Stream & Riparian Restoration	BPA	Tucannon stream bank stabilization
Protect & Enhance Tributary Habitat	Tributary Watershed Health	154	898	Tucannon Stream & Riparian Restoration	BPA	Tucannon riparian planting
Protect & Enhance Tributary Habitat	Tributary Watershed Health	154	898	Tucannon Stream & Riparian Restoration	BPA	Tucannon pool development
Protect & Enhance Tributary Habitat	Tributary Watershed Health	154	899	Pataha Creek Stream & Cropland Restoration	BPA	Riparian vegetation management
Protect & Enhance Tributary Habitat	Tributary Watershed Health	154	899	Pataha Creek Stream & Cropland Restoration	BPA	Off site watering.
Protect & Enhance Tributary Habitat	Tributary Watershed Health	154	899	Pataha Creek Stream & Cropland Restoration	BPA	Reduced sediment delivery
Protect & Enhance Tributary Habitat	Tributary Watershed Health	154	899	Pataha Creek Stream & Cropland Restoration	BPA	Riparian fencing
Protect & Enhance Tributary Habitat	Tributary Watershed Health	154	929	Trout Creek Operation & Maintenance	BPA	O & M of habitat improvements
Protect & Enhance Tributary Habitat	Tributary Watershed Health	154	929	Trout Creek Operation & Maintenance	BPA	M & E of habitat improvements / smolt production

Table 3: List of Habitat Projects

Strategy	Substrategy	RPA Action Num	Project ID Number	Project Title	Lead Agency	02 Work Expectation
Protect & Enhance Tributary Habitat	Tributary Watershed Health	154	1034	Squaw Creek Watershed Wildlife Project	BPA	Implemented management plan
Protect & Enhance Tributary Habitat	Tributary Watershed Health	154	1034	Squaw Creek Watershed Wildlife Project	BPA	Purchased land
Protect & Enhance Tributary Habitat	Tributary Watershed Health	154	1089	Upper Salmon River Diversion Consolidation Program	BPA	Consolidate diversions and screen
Protect & Enhance Tributary Habitat	Tributary Watershed Health	154	1143	Yakima Watershed Restoration - Satus Creek - YIN	BPA	Improved fish habitat
Protect & Enhance Tributary Habitat	Tributary Watershed Health	154	1163	Walla Walla River Basin Fish Habitat Enhancement	BPA	Noxious weed control
Protect & Enhance Tributary Habitat	Tributary Watershed Health	154	1163	Walla Walla River Basin Fish Habitat Enhancement	BPA	Riparian fencing
Protect & Enhance Tributary Habitat	Tributary Watershed Health	154	1163	Walla Walla River Basin Fish Habitat Enhancement	BPA	Stabilized banks
Protect & Enhance Tributary Habitat	Tributary Watershed Health	154	1170	Clear Cr & NF John Day Dredge-Tailings Restoration	BPA	Improved stream channel
Protect & Enhance Tributary Habitat	Tributary Watershed Health	154	1170	Clear Cr & NF John Day Dredge-Tailings Restoration	BPA	Redistributed dredge tailings
Protect & Enhance Tributary Habitat	Tributary Watershed Health	154	1198	Protect and Restore Lolo Creek Watershed	BPA	Cattle excluded from critical riparian areas
Protect & Enhance Tributary Habitat	Tributary Watershed Health	154	1198	Protect and Restore Lolo Creek Watershed	BPA	Stablized landslide sites
Protect & Enhance Tributary Habitat	Tributary Watershed Health	154	1198	Protect and Restore Lolo Creek Watershed	BPA	Obliterated roads
Protect & Enhance Tributary Habitat	Tributary Watershed Health	154	1199	Protect & Restore Squaw & Papoose Cr Watersheds	BPA	Obliterated or restored roads
Protect & Enhance Tributary Habitat	Tributary Watershed Health	154	1199	Protect & Restore Squaw & Papoose Cr Watersheds	BPA	Sediment traps
Protect & Enhance Tributary Habitat	Tributary Watershed Health	154	1201	Restore Mccommas Meadows - NPT	BPA	Riparian fencing
Protect & Enhance Tributary Habitat	Tributary Watershed Health	154	1201	Restore Mccommas Meadows - NPT	BPA	Enhanced channel morphology
Protect & Enhance Tributary Habitat	Tributary Watershed Health	154	1201	Restore Mccommas Meadows - NPT	BPA	Riparian planting
Protect & Enhance Tributary Habitat	Tributary Watershed Health	154	1212	Clearwater Focus Watershed - State of Idaho	BPA	Coordination of watershed efforts
Protect & Enhance Tributary Habitat	Tributary Watershed Health	154	1293	Yakima River Side Channels	BPA	Reconnected floodplains
Protect & Enhance Tributary Habitat	Tributary Watershed Health	154	1293	Yakima River Side Channels	BPA	Access re-established to off-channel rearing habitats
Protect & Enhance Tributary Habitat	Tributary Watershed Health	154	1295	Toppenish/Simcoe Instream Flow Restoration	BPA	Restored instream flows
Protect & Enhance Tributary Habitat	Tributary Watershed Health	154	1295	Toppenish/Simcoe Instream Flow Restoration	BPA	Evaluation of the anadromous population and habitat
Protect & Enhance Tributary Habitat	Tributary Watershed Health	154	1317	Restoration of Watershed, Clearwater Basin	BPA	Installed instream structures
Protect & Enhance Tributary Habitat	Tributary Watershed Health	154	1317	Restoration of Watershed, Clearwater Basin	BPA	Obliterate unnecessary roads

Table 3: List of Habitat Projects

Strategy	Substrategy	RPA Action Num	Project ID Number	Project Title	Lead Agency	02 Work Expectation
Protect & Enhance Tributary Habitat	Tributary Watershed Health	154	1408	Assess Salmonid Habitat Walla Walla Watershed - WA	BPA	Assesment of conditions and populations
Protect & Enhance Tributary Habitat	Tributary Watershed Health	154	1419	Implement Trout Creek Watershed Enhancement	BPA	Implemented restoration plan
Protect & Enhance Tributary Habitat	Tributary Watershed Health	154	1419	Implement Trout Creek Watershed Enhancement	BPA	Watershed plan
Protect & Enhance Tributary Habitat	Tributary Watershed Health	154	1419	Implement Trout Creek Watershed Enhancement	BPA	Infiltration galleries
Protect & Enhance Tributary Habitat	Tributary Watershed Health	154	1422	Implement Wy-Kan-ush-mi Wa-Kish-wit Watershed Plan	BPA	Watershed plans
Protect & Enhance Tributary Habitat	Tributary Watershed Health	154	1424	Upper Toppenish Creek Watershed Restoration	BPA	Implemented restoration plans
Protect & Enhance Tributary Habitat	Tributary Watershed Health	154	1424	Upper Toppenish Creek Watershed Restoration	BPA	Analysis of upper Toppenish Creek Watershed
Protect & Enhance Tributary Habitat	Tributary Watershed Health	154	1425	Establish Safe Access Tributaries -Yakima Subbasin	BPA	Reestablished passage into tributary habitats
Protect & Enhance Tributary Habitat	Tributary Watershed Health	154	1425	Establish Safe Access Tributaries -Yakima Subbasin	BPA	Purchased property / easements
Protect & Enhance Tributary Habitat	Tributary Watershed Health	154	1425	Establish Safe Access Tributaries -Yakima Subbasin	BPA	Riparian fencing
Protect & Enhance Tributary Habitat	Tributary Watershed Health	154	1465	Bakeoven Riparian Assessment	BPA	Fencing
Protect & Enhance Tributary Habitat	Tributary Watershed Health	154	1465	Bakeoven Riparian Assessment	BPA	Watershed monitoring plan
Protect & Enhance Tributary Habitat	Tributary Watershed Health	154	1465	Bakeoven Riparian Assessment	BPA	Off-site water developments
Protect & Enhance Tributary Habitat	Tributary Watershed Health	154	1465	Bakeoven Riparian Assessment	BPA	Assessment of Bakeoven watershed conditions
Protect & Enhance Tributary Habitat	Tributary Watershed Health	154	1465	Bakeoven Riparian Assessment	BPA	Revegetation
Protect & Enhance Tributary Habitat	Tributary Watershed Health	154	1465	Bakeoven Riparian Assessment	BPA	Watershed restoration plan
Protect & Enhance Tributary Habitat	Tributary Watershed Health	154	1469	Pine Hollow Watershed Enhancement	BPA	Critical areas reseeded
Protect & Enhance Tributary Habitat	Tributary Watershed Health	154	1469	Pine Hollow Watershed Enhancement	BPA	Master plan
Protect & Enhance Tributary Habitat	Tributary Watershed Health	154	1469	Pine Hollow Watershed Enhancement	BPA	Springs developed
Protect & Enhance Tributary Habitat	Tributary Watershed Health	154	1469	Pine Hollow Watershed Enhancement	BPA	Cross fencing
Protect & Enhance Tributary Habitat	Tributary Watershed Health	154	1469	Pine Hollow Watershed Enhancement	BPA	Replanted riparian areas.
Protect & Enhance Tributary Habitat	Tributary Watershed Health	154	1472	Ahtanum Creek Watershed Assessment	BPA	Water discharge & temperature monitored
Protect & Enhance Tributary Habitat	Tributary Watershed Health	154	1472	Ahtanum Creek Watershed Assessment	BPA	Irrigated lands & water delivery systems mapped
Protect & Enhance Tributary Habitat	Tributary Watershed Health	154	1472	Ahtanum Creek Watershed Assessment	BPA	Assessed salmonid populated

Table 3: List of Habitat Projects

Strategy	Substrategy	RPA Action Num	Project ID Number	Project Title	Lead Agency	02 Work Expectation
Protect & Enhance Tributary Habitat	Tributary Watershed Health	154	1472	Ahtanum Creek Watershed Assessment	BPA	Assessed stream habitat conditions
Protect & Enhance Tributary Habitat	Tributary Watershed Health	154	1473	Restore Anadromous Fish Habitat - Little Canyon Cr	BPA	Sediment control basins
Protect & Enhance Tributary Habitat	Tributary Watershed Health	154	1473	Restore Anadromous Fish Habitat - Little Canyon Cr	BPA	Modified agricultural techniques
Protect & Enhance Tributary Habitat	Tributary Watershed Health	154	1473	Restore Anadromous Fish Habitat - Little Canyon Cr	BPA	Vegetation management
Protect & Enhance Tributary Habitat	Tributary Watershed Health	154	1473	Restore Anadromous Fish Habitat - Little Canyon Cr	BPA	Fencing
Protect & Enhance Tributary Habitat	Tributary Watershed Health	154	1474	Restore Anadromous Fish Habitat - Nichols Canyon	BPA	Improved steelhead spawning & rearing habitat
Protect & Enhance Tributary Habitat	Tributary Watershed Health	154	1474	Restore Anadromous Fish Habitat - Nichols Canyon	BPA	Improved agricultural /range land useage
Protect & Enhance Tributary Habitat	Tributary Watershed Health	154	1474	Restore Anadromous Fish Habitat - Nichols Canyon	BPA	Coordination of funding and effort
Protect & Enhance Tributary Habitat	Tributary Watershed Health	154	1475	Protecting & Restoring Big Canyon Creek Watershed	BPA	Assessed watershed conditions
Protect & Enhance Tributary Habitat	Tributary Watershed Health	154	1475	Protecting & Restoring Big Canyon Creek Watershed	BPA	Watershed plans
Protect & Enhance Tributary Habitat	Tributary Watershed Health	154	1476	Rehabilitate Lapwai Creek	BPA	Lapwai Watershed Plan
Protect & Enhance Tributary Habitat	Tributary Watershed Health	154	1478	Restore Salmon River - Challis Area	BPA	Restored fish habitat
Protect & Enhance Tributary Habitat	Tributary Watershed Health	154	1481	Pataha Watershed Project Planning & Implementation	BPA	Pataha Creek Model Watershed Plan
Protect & Enhance Tributary Habitat	Tributary Watershed Health	154	1481	Pataha Watershed Project Planning & Implementation	BPA	Water quality monitored
Protect & Enhance Tributary Habitat	Tributary Watershed Health	154	1553	Rock Creek Watershed Assessment & Restoration	BPA	Rock Creek watershed study
Protect & Enhance Tributary Habitat	Tributary Watershed Health	154	1573	Enhance North Fork John Day River Subbasin - CTUIR	BPA	Watershed plan
Protect & Enhance Tributary Habitat	Tributary Watershed Health	154	1573	Enhance North Fork John Day River Subbasin - CTUIR	BPA	Enhanced properties
Protect & Enhance Tributary Habitat	Tributary Watershed Health	154	1573	Enhance North Fork John Day River Subbasin - CTUIR	BPA	Monitored projects
Protect & Enhance Tributary Habitat	Tributary Watershed Health	154	1576	Protect N Lochsa Face Analysis Area Watershed	BPA	Obliterated road
Protect & Enhance Tributary Habitat	Tributary Watershed Health	154	1576	Protect N Lochsa Face Analysis Area Watershed	BPA	Sediment input alleviated
Protect & Enhance Tributary Habitat	Tributary Watershed Health	154	1576	Protect N Lochsa Face Analysis Area Watershed	BPA	M & E program
Protect & Enhance Tributary Habitat	Tributary Watershed Health	154	1577	Rehabilitate Newsome Creek - S Fork Clearwater R	BPA	List of additional roads for obliteration
Protect & Enhance Tributary Habitat	Tributary Watershed Health	154	1577	Rehabilitate Newsome Creek - S Fork Clearwater R	BPA	Plan for restoration of dredged areas
Protect & Enhance Tributary Habitat	Tributary Watershed Health	154	1577	Rehabilitate Newsome Creek - S Fork Clearwater R	BPA	Obliterate 10 miles of road

Table 3: List of Habitat Projects

Strategy	Substrategy	RPA Action Num	Project ID Number	Project Title	Lead Agency	02 Work Expectation
Protect & Enhance Tributary Habitat	Tributary Watershed Health	154	1577	Rehabilitate Newsome Creek - S Fork Clearwater R	BPA	Watershed plan
Protect & Enhance Tributary Habitat	Tributary Watershed Health	154	1578	Protect and Restore Mill Creek Watershed	BPA	MOA with the Nez Perce NF
Protect & Enhance Tributary Habitat	Tributary Watershed Health	154	1578	Protect and Restore Mill Creek Watershed	BPA	Enhanced riparian areas
Protect & Enhance Tributary Habitat	Tributary Watershed Health	154	1736	Salmonid Production in Restored Rattlesnake Creek	BPA	Evaluation of habitat and population conditions