



LOWER COLUMBIA
SALMON AND STEELHEAD
RECOVERY
AND
SUBBASIN PLAN

*Technical Foundation
Volume IV
Program Directory*

Prepared
For
Northwest Power
And
Conservation Council

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Prepared By:
Lower Columbia Fish Recovery Board

Preface

This is number four of six volumes of a Technical Foundation for Recovery and Subbasin Planning prepared under direction of the *Washington Lower Columbia River Fish Recovery Board*. This information provides a basis for an integrated Salmon Recovery and Subbasin Plan prepared by the *Fish Recovery Board*. The Technical Foundation is an encyclopedia of information relating to focal and other species addressed by the plan, environmental conditions, ecological relationships, limiting factors, existing programs, and economic considerations. The Technical Foundation summarizes existing information and new assessments completed as part of the planning process. A separate Executive Summary document provides an overview of the entire Technical Foundation.

Technical Foundation volumes include:

Vol. I	Focal Fish Species	<i>Species overviews, limiting factors, recovery standards, and status assessments for lower Columbia River chinook salmon, coho salmon, chum salmon, steelhead, bull trout, and cutthroat trout</i>
Vol. II	Subbasins	<i>Fish populations and habitat conditions in each of 11 Washington lower Columbia River subbasins</i>
Vol. III	Other Species	<i>Descriptions, status, and limiting factors of other fish and wildlife species of interest to recovery and subbasin planning</i>
Vol. IV	Existing Programs	<i>Descriptions of Federal, State, Local, Tribal, and non governmental programs and projects that affect or are affected by recovery and subbasin planning</i>
Vol. V	Economic Assessment	<i>Potential costs and economic considerations for recovery and subbasin planning</i>
Vol. VI	Appendices	<i>Methods and detailed discussions of assessments completed as part of this planning process</i>

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1.1 Introduction

The LCFRB has worked to identify and evaluate existing governmental and non-governmental programs that may benefit species recovery. Information on regional programs that has been collected will be used to develop recommendations for species recovery by evaluating existing programs and their location within the Lower Columbia Basin. The information gathered on these programs will be reviewed and analyzed on a qualitative basis and scaled to available geospatial information. This information will then be used to identify where additional programs will be needed to affect recovery.

1.2 Methods

The effort to identify programs began in August of 2002 with the development of the program inventory questionnaire (Appendix 1.6). A preliminary list of federal, state, city and county, tribal, and non-governmental agencies as potential interviewees was created by the recovery plan programs workgroup and approximately 200 questionnaires were distributed. Because each agency might have several programs with the potential to impact salmon, questionnaires were sent to multiple branches of some agencies. For example, state agency programs might include regulatory programs affecting land use, resource use, and water quality; resource management programs may affect design, construction, and maintenance and operations; and assistance programs might affect technical, financial, and educational programs.

As of June 2003, a total of 140 interviews were conducted. Information from completed questionnaires was entered into a program database in MS Access as a way to sort and cross-reference questionnaire information. The questionnaire identified 21 applicable basins, including an “all” category. In the questionnaire, each program identified which basin the program affected and the primary habitat indicators affected. Table 11 represents a list of all projects identified by watershed and includes the type of project and sponsor. Table 2 represents a list of all programs identified, the watersheds they affect, the agencies or jurisdictions implementing the program, and the primary habitat indicators. The effectiveness of each project or program was not a part of this evaluation because monitoring data does not exist.

1.3 Habitat Program Descriptions

Over the last six years, the LCFRB has gathered data on habitat protection and restoration projects in the lower Columbia region. This data identifies the types and locations of the project and funding for protection and restoration actions. This is the baseline information needed to:

- Locate and describe salmon recovery actions,
- Illustrate progress on habitat restoration, and
- Identify gaps between actions taken or underway, and actions needed in each subbasin

The LCFRB recently again solicited information from state and federal agencies, local governments, organizations, and interested parties about salmon protection and restoration projects dating back to 1990. Habitat project information that the LCFRB has gathered to date is detailed in Table 1. While this list is fairly comprehensive it does not represent all of the projects completed in the area, and the LCFRB expects to add considerably to this list as more project information is gathered.

The project list represents protection and restoration work for the entire lower Columbia region extending from the mouth of the Columbia River on the Washington side up to and through the Little White Salmon River. Restoration and protection projects are defined as those projects that improve habitat conditions such as:

Riparian and other instream work
Floodplain/wetland reconnection and restoration
Water quality, quantity, and nutrient improvements
Feasibility studies and assessments
Fish passage improvements
Watershed condition improvements such as road abandonment
Critical habitat acquisitions

In many instances, project sponsors or agency information did not include all of the data requested. These fields are either left blank or are categorized as unknown. The LCFRB will continue to gather data to complete all the fields in the list. A future goal of this project list is to develop GIS coverages of all project locations along with the supporting data. Once completed, this information will become a powerful tool for displaying restoration progress and identifying future restoration efforts.

1.4 Tables

Table 1. LCFRB Habitat Protection and Restoration Projects Regional List

Type	Name	Sponsor	WRIA	County(s)
Riparian	Abernathy Creek Restoration	Cowlitz County	25	Wahkiakum
Acquisition- Restoration	Chinook River Estuary	Sea Resources	24	Pacific
Acquisition- Restoration	Lower Columbia River Estuary: Chinook	Sea Resources	24	Pacific
Acquisition	Lower Columbia/Chinook River Estuary	Sea Resources	24	Pacific County
Combination: Riparian, Instream, Upland, Passage, and Monitor	Chinook Watershed Restoration	Sea Resources	24	Pacific
Combination: Acquisition, Riparian, Instream, Passage, and Studies	Lower Columbia River Estuary: Chinook	Sea Resources	24	Pacific
Education	Sea Resource Education Support	Sea Resources	24	Pacific
Monitoring	Effectiveness monitoring of the Chinook River estuary restoration project.	Sea Resources	24	Pacific
Nutrient	Chinook River Nutrient	WDFW	24	Pacific
Riparian	Chinook River Restoration	Ecotrust	24	Pacific
Riparian	Chinook Habitat Restoration Phase 1	Sea Resources	24	Pacific
Riparian	Chinook Habitat Restoration Phase 2	Sea Resources	24	Pacific
Riparian	Chinook native planr nursery	Sea Resources	24	Pacific
Riparian- Passage	Chinook River Restoration	USACE	24	Pacific
Supplementation	Sea Resources Bern Rearing Project	LCFEG	24	Pacific
Upland	Sea Resource Maintenance	LCFEG	24	Pacific
Acquisition	Woods Landing Chum Spawning Site Protection	Columbia Land Trust	28	Clark
Harvest	EVALUATE LIVE CAPTURE SELECTIVE HARVEST (NWPPC)	WDFW		Multi
Harvest; Monitoring	EVALUATE LIVE CAPTURE SELECTIVE HARVEST METHODS	WDFW	multi	Multi
Research & Evaluation	LOWER COLUMBIA HABITAT MAPPING	LCREP	multi	multi
Research & Evaluation	EVAL FACTORS LIMITING COL R CHUM SALMON POPULATION	U.S. Fish & Wildlife Service	28	Skamania
Riparian	Olequa Creek Restoration	LCFEG	26	Cowlitz
Riparian	Estuary Discovery Project	Wahkiakum CD	25	Wahkiakum
Riparian- Instream	Salmon Spawning below Columbia Dams -USFWS	USFWS; Don Amglin	Unknown	Unknown
Riparian- Instream	Salmon Spawning below Columbia Dams - WDFW	WDFW	Unknown	multi
Study	Salmon Spawning below Columbia Dams -DOE	Battelle Pacific Northwest Lab	28	Clark, Skamania
Study	Salmon Spawning below Columbia Dams -USGS	USGS; Ken Tiffan	Unknown	Unknown
Upland	Western Pond Turtle Proj.		28	Clark
Upland	Hardy Creek Restoration	Chinook Trail Association	28	Skamania
Upland	Stevenson Waterfront	City of Vancouver	28	Clark
Upland	Columbia River Renaissance Project	City of Vancouver	28	Clark
Upland	Tidewater Cove	City of Vancouver	28	Clark

Type	Name	Sponsor	WRIA	County(s)
Upland	Vancouver Lake Lowlands - 1997	Clark County Parks Dept	28	Clark
Upland	Hardy Creek Trail Stabilization Project	LCFEG	28	Skamania
Upland	SEWER OUTFALL REPAIR	RIDGEFIELD CITY OF	27	Clark
Upland	WASTEWATER TREATMENT PLANT EXPANSION	RIDGEFIELD CITY OF	27	Clark
Upland	WASTEWATER TREATMENT PLANT EXPANSION	RIDGEFIELD CITY OF	27	Clark
Upland	WASTEWATER TREATMENT PLANT EXPANSION	RIDGEFIELD CITY OF	27	Clark
Upland	UST Vancouver	Vancouver City of	28	Clark
Upland	Fort Vancouver Plywood site	Vancouver Port of	28	Clark
Upland	Swan Manufacturing	Vancouver Port of	28	Clark
Upland	Vancouver Wildlife Area Habitat Proj.	Vancouver Wildlife League	28	Clark
Upland	Vancouver Lake Wildlife Area	Vancouver Wildlife League	28	Cla
Supplementation	Coweeman Pond Rearing	Lower Columbia Flyfishers	26	Cowlitz
Acquisition	Cowlitz Mitigation	WDFW	26	Lewis
Acquisition	Cowlitz Mitigation	WDFW	26	Lewis
Acquisition	Cowlitz Mitigation	WDFW	26	Lewis
Acquisition	Cowlitz Mitigation	WDFW	26	Lewis
Acquisition	Cowlitz Mitigation	WDFW	26	Lewis
Acquisition	Cowlitz Mitigation	WDFW	26	Lewis
Acquisition	Cowlitz Mitigation	WDFW	26	Lewis
Acquisition	Cowlitz Mitigation	WDFW	26	Lewis
Acquisition	Cowlitz Mitigation	WDFW	26	Lewis
Acquisition	Cowlitz Mitigation	WDFW	26	Lewis
Acquisition	Blue Creek Stream Access	WDFW	26	Lewis
Acquisition	Mt. St Helens WLA	WDFW	26	Cowlitz
Acquisition / Wetland Mitigation	Tucker Road to Lacamas Creek (US 12)		26	Lewis
Decommissioning	Road 6300057	Packwood Ranger District	26	Lewis
Decommissioning	Coal Creek Road Decommissioning	Randle Ranger District	26	Lewis
Decommissioning	Road 46100056 Decommissioning	Randle Ranger District	26	Lewis
Decommissioning	Road 4610072 Decommissioning	Randle Ranger District	26	Lewis
Decommissioning	Road 5270066	Randle Ranger District	26	Lewis
Decommissioning	Road 5270066	Randle Ranger District	26	Lewis
Decommissioning	Rd. 2130044	Randle Ranger District	26	Lewis
Decommissioning	Road 7800074	Randle Ranger District	26	Lewis
Decommissioning	Road 7800072	Randle Ranger District	26	Lewis
Decommissioning	Road 7800072	Randle Ranger District	26	Lewis
Decommissioning	Road 7800072	Randle Ranger District	26	Lewis
Decommissioning	Road 7800072	Randle Ranger District	26	Lewis
Decommissioning	Road 7800072	Randle Ranger District	26	Lewis
Decommissioning	Road 2130092	Randle Ranger District	26	Lewis
Decommissioning	Rd 2130090	Randle Ranger District	26	Lewis
Decommissioning	Road 2130091	Randle Ranger District	26	Lewis
Decommissioning	Road 7800074	Randle Ranger District	26	Lewis
Decommissioning	Road 7800632	Randle Ranger District	26	Lewis
Decommissioning	Road 7800632	Randle Ranger District	26	Lewis
Decommissioning	Road 2130000 MP 8 - 8.9	Randle Ranger District	26	Lewis
Decommissioning	Road 2130000 MP 8 - 8.9	Randle Ranger District	26	Lewis
Decommissioning	Road 2124024 MP 0.8-0.9	Randle Ranger District	26	Lewis

Type	Name	Sponsor	WRIA	County(s)
Decommissioning	Road 4720069A	Randle Ranger District	26	Lewis
Decommissioning	Road 4720069A	Randle Ranger District	26	Lewis
Decommissioning	Road 4720435A	Randle Ranger District	26	Lewis
Decommissioning	Road 4720069	Randle Ranger District	26	Lewis
Decommissioning	Road 4720069	Randle Ranger District	26	Lewis
Decommissioning	Road 4745033	Randle Ranger District	26	Lewis
Decommissioning	Road 4720065	Randle Ranger District	26	Lewis
Decommissioning	Road 4720065	Randle Ranger District	26	Lewis
Decommissioning	Road 4720435A	Randle Ranger District	26	Lewis
Decommissioning	Rd 1256077	Randle Ranger District	26	Lewis
Decommissioning	Road 4745405	Randle Ranger District	26	Lewis
Decommissioning	Road 6300415	Randle Ranger District	26	Lewis
Decommissioning	Road 4740031	Randle Ranger District	26	Lewis
Decommissioning	Road 4740051	Randle Ranger District	26	Lewis
Decommissioning	Road 4745014	Randle Ranger District	26	Lewis
Decommissioning	Road 4720435	Randle Ranger District	26	Lewis
Decommissioning	Road 4720435	Randle Ranger District	26	Lewis
Decommissioning	Rd 4720050	Randle Ranger District	26	Lewis
Decommissioning	Rd 4720050	Randle Ranger District	26	Lewis
Decommissioning	Road 4700074	Randle Ranger District	26	Lewis
Decommissioning	Road 4740013	Randle Ranger District	26	Lewis
Decommissioning	Road 6300102	Randle Ranger District	26	Lewis
Decommissioning	Road 2300083 MP 2.9	Randle Ranger District	26	Lewis
Decommissioning	Road 5500120	Randle Ranger District	26	Lewis
Decommissioning	Road 5500120	Randle Ranger District	26	Lewis
Decommissioning	Road 2911000	Randle Ranger District	26	Lewis
Decommissioning	Road 2911000	Randle Ranger District	26	Lewis
Decommissioning	Road 2800098	Randle Ranger District	26	Lewis
Decommissioning	Road 2800098	Randle Ranger District	26	Lewis
Decommissioning	Road 2911000	Randle Ranger District	26	Lewis
Decommissioning	Road 2911000	Randle Ranger District	26	Lewis
Decommissioning	Road 2900116 m.p. 2.67 to 2.72	Randle Ranger District	26	Lewis
Decommissioning	RD 2900000 m.p. 14.66 to 15.91	Randle Ranger District	26	Lewis
Decommissioning	Road 8522028A	Randle Ranger District	26	Lewis
Decommissioning	Road 8522000	Randle Ranger District	26	Lewis
Decommissioning	Road 8522000	Randle Ranger District	26	Lewis
Decommissioning	Road 8522029	Randle Ranger District	26	Lewis
Decommissioning	Road 8522029	Randle Ranger District	26	Lewis
Decommissioning	Road 8522000	Randle Ranger District	26	Lewis
Decommissioning	Road 8522000	Randle Ranger District	26	Lewis
Decommissioning	Road 8522028 MP 0	Randle Ranger District	26	Lewis
Decommissioning	Road 8522028 MP 0	Randle Ranger District	26	Lewis
Decommissioning	Road 8522030	Randle Ranger District	26	Lewis
Decommissioning	Road 8522030	Randle Ranger District	26	Lewis
Decommissioning	Road 8522028A	Randle Ranger District	26	Lewis
Decommissioning	Road 7700126	Randle Ranger District	26	Lewis
Decommissioning	Road 2510 MP 2.6	Randle Ranger District	26	Lewis
Decommissioning	Road 7700126	Randle Ranger District	26	Lewis
Decommissioning	Road 7700126A	Randle Ranger District	26	Lewis
Decommissioning	Road 2510033	Randle Ranger District	26	Lewis
Decommissioning	Road 2510033	Randle Ranger District	26	Lewis
Decommissioning	Road 2510 MP 3.6	Randle Ranger District	26	Lewis
Decommissioning	Road 2800099	Randle Ranger District	26	Lewis
Decommissioning	Road 7708000	Randle Ranger District	26	Lewis
Decommissioning	Road 7708000	Randle Ranger District	26	Lewis
Decommissioning	Road 7713000	Randle Ranger District	26	Lewis
Decommissioning	Road 7713000	Randle Ranger District	26	Lewis

Type	Name	Sponsor	WRIA	County(s)
Decommissioning	Road 7713037	Randle Ranger District	26	Lewis
Decommissioning	Road 7713037	Randle Ranger District	26	Lewis
Decommissioning	Road 7713035	Randle Ranger District	26	Lewis
Decommissioning	Road 7708000 MP 5.4	Randle Ranger District	26	Lewis
Decommissioning	Road 2500210	Randle Ranger District	26	Lewis
Decommissioning	Road 2510000	Randle Ranger District	26	Lewis
Decommissioning	Road 2510000	Randle Ranger District	26	Lewis
Decommissioning	Road 2800099	Randle Ranger District	26	Lewis
Decommissioning	Road 2818000	Randle Ranger District	26	Lewis
Decommissioning	Road 7700126	Randle Ranger District	26	Lewis
Decommissioning	Road 7106095 MP 0	Randle Ranger District	26	Lewis
Decommissioning	Road 7106095 MP 0	Randle Ranger District	26	Lewis
Decommissioning	Road 2200064	Randle Ranger District	26	Lewis
Decommissioning	Road 2200064	Randle Ranger District	26	Lewis
Erosion Control - Structural	Wright Hook U.7 Landing NFSI	Randle Ranger District	26	Lewis
Erosion Control - Structural	Catt Nisqually TS NFSI	Randle Ranger District	26	Lewis
Heavy Maintenance	Road 4700000 MP 0 - 3.0	Packwood Ranger District	26	Lewis
Heavy Maintenance	Road 7700086 MP 0.0 - 1.4	Randle Ranger District	26	Lewis
Heavy Maintenance	Road 7800000 MP 0.0 - 12.3	Randle Ranger District	26	Lewis
Heavy Maintenance	Road 7800000 MP 0.0 - 12.3	Randle Ranger District	26	Lewis
Heavy Maintenance	Road 7807 MP 0.0 - 6.7	Randle Ranger District	26	Lewis
Heavy Maintenance	Road 4700000 MP 0 - 3.0	Randle Ranger District	26	Lewis
Heavy Maintenance	Road 4700000 MP 0 - 7.1	Randle Ranger District	26	Lewis
Heavy Maintenance	Road 7800075 MP 0 - 0.24	Randle Ranger District	26	Lewis
Heavy Maintenance	Road 21 MP 8.0 - 28.5	Randle Ranger District	26	Lewis
Heavy Maintenance	Road 7800000 MP 0.0 - 8.4	Randle Ranger District	26	Lewis
Heavy Maintenance	Road 7800000 MP 0.0 - 8.4	Randle Ranger District	26	Lewis
Heavy Maintenance	Road 4720 MP 7.1 - 8.5	Randle Ranger District	26	Lewis
Heavy Maintenance	Road 55 MP 11-12	Randle Ranger District	26	Lewis
Heavy Maintenance	Road 2801	Randle Ranger District	26	Lewis
Heavy Maintenance	Road 2508 MP 1.5 - 3.9	Randle Ranger District	26	Lewis
Heavy Maintenance	Road 7700000 MP 8.7 - 14.6	Randle Ranger District	26	Lewis
Heavy Maintenance	Road 2515 MP 0.0 to 2.0	Randle Ranger District	26	Lewis
Heavy Maintenance	Road 2500228	Randle Ranger District	26	Lewis
Heavy Maintenance	Road 2800682 Culvert Removal	Randle Ranger District	26	Lewis
Heavy Maintenance	Road 7700000 MP 14.6 - 23.0	Randle Ranger District	26	Lewis
Heavy Maintenance	Road 2500000 MP 13.7 - 19.0	Randle Ranger District	26	Lewis
Heavy Maintenance	Road 2500000 MP 19 - 23	Randle Ranger District	26	Lewis
Heavy Maintenance	Road 2817 Waterbars & Fill	Randle Ranger District	26	Lewis
Heavy Maintenance	Road 2500227 Fords & Waterbars	Randle Ranger District	26	Lewis
Heavy Maintenance	Road 9900039 Waterbars & Ford	Randle Ranger District	26	Lewis
Heavy Maintenance	Road 2518	Randle Ranger District	26	Lewis
Heavy Maintenance	Road 2500224	Randle Ranger District	26	Lewis
Improve Stream Passage	Rd 7812 Mouse Creek Culvert	Randle Ranger District	26	Lewis
Instream	Bingham streambank protection	Cowlitz CD	26	Cowlitz
Instream	So. Fork Toutle	Cowlitz Game and Anglers	26	Cowlitz
Instream	Leckler Creek Habitat Restoration Project	LCFEG	26	Cowlitz

Type	Name	Sponsor	WRIA	County(s)
Instream	Salmon Creek LWD placement	Cowlitz CD	26	Cowlitz
Instream	Leckler Creek LWD	Cowlitz CD	26	Cowlitz
Instream / Riparian	Tilton River Barb Installation (SR 508)		26	Lewis
Instream- Riparian	Yellow Jacket Creek, Cibus Creek	Lewis CD	26	Lewis
Instream- Riparian	South County Park	Lewis County Public Works	26	Lewis
Monitoring	Monihan Creek spawning survey	Lower Columbia Flyfishers	26	Cowlitz
Nutrient Passage	Cowlitz River Nutrient	WDFW	26	Cowlitz and Lewis
Passage	Leckler Creek Culverts	Cowlitz CD	26	Cowlitz
Passage	Baxter Creek Fish Passage Enhancement Project	Cowlitz County	26	Cowlitz
Passage	Monahan Creek Fish Passage Enhancement Project	Cowlitz County	26	Cowlitz
Passage	Monahan Creek	Cowlitz Wahkiakum CD	26	Cowlitz
Passage	Curtis Creek Culvert Upgrade	Lewis County Public Works	26	Lewis
Passage	Salmon Creek Barrier removal	Lewis County Public Works	26	Lewis
Passage	Whiskey Creek Barrier Project	Lewis County Public Works	26	Lewis
Passage	Highland Creek Barrier Project	Lewis County Public Works	26	Lewis
Passage	Skook Creek Blockage	Lewis County Public Works	26	Lewis
Passage	Ryderwood to Junction SR 5 (SR 506)		26	Lewis
Passage	Silver Creek Barrier Removal		26	Lewis
Passage	Monohan Creek Culvert Repair Design Project	LCFEG	26	Cowlitz
Recons/Rehab Developed Rec. Site	Yellowjacket Ponds Toilet	Randle Ranger District	26	Lewis
Restore Habitat Complexity	Smith Creek	Randle Ranger District	26	Lewis
Restore Habitat Complexity	North Fork Cibus	Randle Ranger District	26	Lewis
Restore Habitat Complexity	Tom Music Living Revertment	Randle Ranger District	26	Lewis
Restore Habitat Complexity	Yellowjacket 04-403	Randle Ranger District	26	Lewis
Restore Habitat Complexity	Mainstem Cibus site C	Randle Ranger District	26	Lewis
Restore Habitat Complexity	Mainstem Cibus site B	Randle Ranger District	26	Lewis
Restore Habitat Complexity	Yellowjacket site B	Randle Ranger District	26	Lewis
Restore Habitat Complexity	Iron Creek Lower 04-401	Randle Ranger District	26	Lewis
Restructure floodplain or channel	Little Nisqually Trib Rehab 1	Randle Ranger District	26	Lewis
Revegetation	Road 7800000 Fill Failure - mp 5.7	Randle Ranger District	26	Lewis
Revegetation	Soldier Unit 9 RD 7700000 mp 11.4	Randle Ranger District	26	Lewis
Revegetation	Road 7301000 m.p. 2.0	Randle Ranger District	26	Lewis
Revegetation	Waste Site next to Cibus River	Randle Ranger District	26	Lewis
Revegetation	Waste Site next to Cibus River	Randle Ranger District	26	Lewis
Revegetation	Strawberry Mtn Erosion Control Blanket	Randle Ranger District	26	Lewis
Revegetation	Strawberry Mtn Erosion Control Blanket	Randle Ranger District	26	Lewis
Revegetation	Rd 7800060 Fill Failure	Randle Ranger District	26	Lewis

Type	Name	Sponsor	WRIA	County(s)
Riparian	2002-UCEC-RD.2325	Cowlitz Valley	26	Skamania
Riparian	2002-UCEC-RD.2325	Cowlitz Valley	26	Skamania
Riparian	2002-UCNF-RD.2200	Cowlitz Valley	26	Lewis
Riparian	2002-UCNF-RD.2200	Cowlitz Valley	26	Lewis
Riparian	2002-UCNF-RD.2200	Cowlitz Valley	26	Lewis
Riparian	2002-UCCC-RD. 2164034.04	Cowlitz Valley	26	Lewis
Riparian	2002-UCCC-RD. 2164	Cowlitz Valley	26	Lewis
Riparian	2002-LCIC-FOURMILE	Cowlitz Valley	26	Lewis
Riparian	2002-LCIC-FOURMILE	Cowlitz Valley	26	Lewis
Riparian	2002-LCIC-FOURMILE	Cowlitz Valley	26	Lewis
Riparian	Davis Creek restoration	Davis Creek Restoration Committee	26	Lewis
Riparian	Dale Lund CREP	Lewis County DC	26	Lewis
Road Bridge Work	Road 2160000 MP 1.5	Randle Ranger District	26	Lewis
Road Bridge Work	Road 2329000 m.p. 3.9	Randle Ranger District	26	Lewis
Road Bridge Work	Road 2329000 m.p. 3.9	Randle Ranger District	26	Lewis
Road Damage Repair	Road 4600000 MP 3.7	Packwood Ranger District	26	Lewis
Road Damage Repair	Road 4510026 MP 0.9	Packwood Ranger District	26	Lewis
Road Damage Repair	Road 4510026 MP 2	Packwood Ranger District	26	Lewis
Road Damage Repair	Road 4510026 MP 1.6	Packwood Ranger District	26	Lewis
Road Damage Repair	Road 2130 MP 0.8	Packwood Ranger District	26	Lewis
Road Damage Repair	Road 2120000 MP 0.3	Packwood Ranger District	26	Lewis
Road Damage Repair	Road 4800106 MP 0.3	Packwood Ranger District	26	Lewis
Road Damage Repair	Road 2100000 MP 8.0	Packwood Ranger District	26	Lewis
Road Damage Repair	Road 5270000 MP 3.6	Packwood Ranger District	26	Lewis
Road Damage Repair	Road 52 MP 17	Packwood Ranger District	26	Lewis
Road Damage Repair	Road 5200000 MP 18.4	Packwood Ranger District	26	Lewis
Road Damage Repair	Road 1260022 MP 0.5	Packwood Ranger District	26	Lewis
Road Damage Repair	Road 1260022 MP 0.5	Packwood Ranger District	26	Lewis
Road Damage Repair	Road 52 MP 19.4	Packwood Ranger District	26	Lewis
Road Damage Repair	Road 47 MP 3.2	Packwood Ranger District	26	Lewis
Road Damage Repair	Road 47 MP 3.2	Packwood Ranger District	26	Lewis
Road Damage Repair	Road 5200000 MP 18.0	Packwood Ranger District	26	Lewis
Road Damage Repair	Road 4720017 MP 0.8	Packwood Ranger District	26	Lewis
Road Damage Repair	RD 1262-MP 03.1	Packwood Ranger District	26	Lewis
Road Damage Repair	RD 1262-MP 03.1	Packwood Ranger District	26	Lewis
Road Damage Repair	Road 47 MP 3.3	Packwood Ranger District	26	Lewis
Road Damage Repair	Road 47 MP 3.3	Packwood Ranger District	26	Lewis
Road Damage Repair	Road 48 MP 6.9	Packwood Ranger District	26	Lewis
Road Damage Repair	Road 20 MP 7.9	Packwood Ranger District	26	Lewis
Road Damage Repair	Road 2130 MP 1.8	Packwood Ranger District	26	Lewis
Road Damage Repair	Road 2000000 MP 8.0	Packwood Ranger District	26	Lewis
Road Damage Repair	Road 2130 MP 1.8	Packwood Ranger District	26	Lewis
Road Damage Repair	Road 2130000 MP 2.7	Packwood Ranger District	26	Lewis
Road Damage Repair	Road 2130000 MP 5.4	Packwood Ranger District	26	Lewis
Road Damage Repair	Road 7802000 MP 2.3	Packwood Ranger District	26	Lewis
Road Damage Repair	Road 7802000 MP 2.5	Packwood Ranger District	26	Lewis
Road Damage Repair	Road 7807000 MP 0.8	Packwood Ranger District	26	Lewis
Road Damage Repair	Road 7802000 MP 3.5	Packwood Ranger District	26	Lewis
Road Damage Repair	HTER	Packwood Ranger District	26	Lewis
Road Damage Repair	Road 5200000 MP 15.8	Packwood Ranger District	26	Lewis
Road Damage Repair	Road 5260000 MP 0.2	Packwood Ranger District	26	Lewis
Road Damage Repair	Road 5260000 MP 1.9	Packwood Ranger District	26	Lewis
Road Damage Repair	Road 52 MP 14.5	Packwood Ranger District	26	Lewis
Road Damage Repair	Road 52 MP 15.5	Packwood Ranger District	26	Lewis
Road Damage Repair	Road 52 MP 15.7	Packwood Ranger District	26	Lewis
Road Damage Repair	Road 5260000 MP 1.6	Packwood Ranger District	26	Lewis
Road Damage Repair	Road 5200000 MP 13	Packwood Ranger District	26	Lewis
Road Damage Repair	Road 52 MP 15.4	Packwood Ranger District	26	Lewis

Type	Name	Sponsor	WRIA	County(s)
Road Damage Repair	Road 5230000 MP 1.6	Packwood Ranger District	26	Lewis
Road Damage Repair	Road 5230000 MP 2.4	Packwood Ranger District	26	Lewis
Road Damage Repair	Road 5230000 MP 3.8	Packwood Ranger District	26	Lewis
Road Damage Repair	Road 6300130 MP 0.1	Packwood Ranger District	26	Lewis
Road Damage Repair	Road 47 MP 4.4	Packwood Ranger District	26	Lewis
Road Damage Repair	Road 47 MP 4.4	Packwood Ranger District	26	Lewis
Road Damage Repair	Road 47 MP 4.6	Packwood Ranger District	26	Lewis
Road Damage Repair	Road 47 MP 4.6	Packwood Ranger District	26	Lewis
Road Damage Repair	Road 47 MP 4.6	Packwood Ranger District	26	Lewis
Road Damage Repair	Road 47 MP 4.6	Packwood Ranger District	26	Lewis
Road Damage Repair	Road 47 MP 3.8	Packwood Ranger District	26	Lewis
Road Damage Repair	Road 47 MP 3.8	Packwood Ranger District	26	Lewis
Road Damage Repair	Road 6300000 MP 4.0	Packwood Ranger District	26	Lewis
Road Damage Repair	Road 4730000 MP 0.9	Packwood Ranger District	26	Lewis
Road Damage Repair	Road 8400127 MP 0.2	Packwood Ranger District	26	Lewis
Road Damage Repair	Road 5240000 MP 4.5	Packwood Ranger District	26	Lewis
Road Damage Repair	Road 1256 MP 3.4	Packwood Ranger District	26	Lewis
Road Damage Repair	Road 6300000 MP 3.0	Packwood Ranger District	26	Lewis
Road Damage Repair	Road 5942000 MP 2.2	Packwood Ranger District	26	Lewis
Road Damage Repair	Road 5900000 MP 4.0	Packwood Ranger District	26	Lewis
Road Damage Repair	Road 592000000 MP 0.5	Packwood Ranger District	26	Lewis
Road Damage Repair	Road 5900037 MP 1.4	Packwood Ranger District	26	Lewis
Road Damage Repair	Road 5942000 MP 1.1	Packwood Ranger District	26	Lewis
Road Damage Repair	Road 5900000 MP 1.2	Packwood Ranger District	26	Lewis
Road Damage Repair	Road 5920000 MP 0.3	Packwood Ranger District	26	Lewis
Road Damage Repair	Road 8440000 MP 3.7	Packwood Ranger District	26	Lewis
Road Damage Repair	Road 8510000 MP 0.8	Packwood Ranger District	26	Lewis
Road Damage Repair	Road 8500000 MP 5.4	Packwood Ranger District	26	Lewis
Road Damage Repair	Road 8500000 MP 6.5	Packwood Ranger District	26	Lewis
Road Damage Repair	Road 8500000 MP 4.8	Packwood Ranger District	26	Lewis
Road Damage Repair	Road 8500000 MP 9.2	Packwood Ranger District	26	Lewis
Road Damage Repair	Road 8510000 MP 0.1	Packwood Ranger District	26	Lewis
Road Damage Repair	Road 8500000 MP 21.7	Packwood Ranger District	26	Lewis
Road Damage Repair	Road 1272000 MP 1.5	Randle Ranger District	26	Lewis
Road Damage Repair	Road 1266041 MP 1.4	Randle Ranger District	26	Lewis
Road Damage Repair	Road 1266041 MP 1.4	Randle Ranger District	26	Lewis
Road Damage Repair	Road 22 MP 13.4	Randle Ranger District	26	Lewis
Road Damage Repair	Road 2208000 MP 1.8	Randle Ranger District	26	Lewis
Road Damage Repair	Road 2208000 MP 1.8	Randle Ranger District	26	Lewis
Road Damage Repair	Rd. 2200000	Randle Ranger District	26	Lewis
Road Damage Repair	Road 2208000 MP 2.2	Randle Ranger District	26	Lewis
Road Damage Repair	Road 2208000 MP 2.2	Randle Ranger District	26	Lewis
Road Damage Repair	Road 4720 MP 0.0 - 7.6	Randle Ranger District	26	Lewis
Road Damage Repair	Road 4720 MP 0.0 - 7.6	Randle Ranger District	26	Lewis
Road Damage Repair	Iron-Skate Reconstruction	Randle Ranger District	26	Lewis
Road Damage Repair	Iron-Skate Reconstruction	Randle Ranger District	26	Lewis
Road Damage Repair	Road 2100000 MP 5.1	Randle Ranger District	26	Lewis
Road Damage Repair	Road 2200000 MP 5.1	Randle Ranger District	26	Lewis
Road Damage Repair	Road 2208 MP 0.1	Randle Ranger District	26	Lewis
Road Damage Repair	Road 2208 MP 0.1	Randle Ranger District	26	Lewis
Road Damage Repair	Road 2801 MP 7.0	Randle Ranger District	26	Lewis
Road Damage Repair	Road 2300000 MP 16.3	Randle Ranger District	26	Lewis
Road Damage Repair	Road 2801000 MP 6.4	Randle Ranger District	26	Lewis
Road Damage Repair	Road 2208 MP 1.5	Randle Ranger District	26	Lewis
Road Damage Repair	Road 2208 MP 1.5	Randle Ranger District	26	Lewis
Road Damage Repair	Road 2200000 MP 5.2	Randle Ranger District	26	Lewis
Road Damage Repair	Road 22 MP 5.9	Randle Ranger District	26	Lewis
Road Damage Repair	Road 5508000 MP 3.9	Randle Ranger District	26	Lewis

Type	Name	Sponsor	WRIA	County(s)
Road Damage Repair	Road 2203 MP 1.7	Randle Ranger District	26	Lewis
Road Damage Repair	Road 2801 MP 7.0	Randle Ranger District	26	Lewis
Road Damage Repair	Road 7800000 MP 2.7	Randle Ranger District	26	Lewis
Road Damage Repair	Road 7800072 MP 0.2	Randle Ranger District	26	Lewis
Road Damage Repair	Road 2200 MP 1.47-15.00 Contract	Randle Ranger District	26	Lewis
Road Damage Repair	Rd 2203 MP 0.0-3.2	Randle Ranger District	26	Lewis
Road Damage Repair	Rd 7800 MP 0.1-7.8 Contract	Randle Ranger District	26	Lewis
Road Damage Repair	Road 7800 MP 2.0-4.4 Contract	Randle Ranger District	26	Lewis
Road Damage Repair	Road 23 MP 24.5	Randle Ranger District	26	Lewis
Road Damage Repair	Road 2300000 MP 24.3	Randle Ranger District	26	Lewis
Road Damage Repair	Road 2300000 MP 24.3	Randle Ranger District	26	Lewis
Road Damage Repair	Road 2801 MP 8.3	Randle Ranger District	26	Lewis
Road Damage Repair	Road 2300000 MP 22.3	Randle Ranger District	26	Lewis
Road Damage Repair	Road 2300000 MP 24.3	Randle Ranger District	26	Lewis
Road Damage Repair	Road 7812000 MP 0.2	Randle Ranger District	26	Lewis
Road Damage Repair	Road 7812000 MP 0.2	Randle Ranger District	26	Lewis
Road Damage Repair	Road 2300000 MP 22.4	Randle Ranger District	26	Lewis
Road Damage Repair	Road 2300000 MP 18.5	Randle Ranger District	26	Lewis
Road Damage Repair	Road 2300000 MP 19.1	Randle Ranger District	26	Lewis
Road Damage Repair	Road 23 MP 22.9	Randle Ranger District	26	Lewis
Road Damage Repair	Road 2324 MP 0.6	Randle Ranger District	26	Lewis
Road Damage Repair	Road 2324 MP 1.3	Randle Ranger District	26	Lewis
Road Damage Repair	Road 7800120 MP 1.6	Randle Ranger District	26	Lewis
Road Damage Repair	Road 5600000 MP 0.3	Randle Ranger District	26	Lewis
Road Damage Repair	Road 7800000 MP 9.3	Randle Ranger District	26	Lewis
Road Damage Repair	Road 7800000 MP 9.9 and 10.6	Randle Ranger District	26	Lewis
Road Damage Repair	Road 2300217 MP 0.6	Randle Ranger District	26	Lewis
Road Damage Repair	Road 2124000 MP 3.3	Randle Ranger District	26	Lewis
Road Damage Repair	Road 2124000 MP 3.4	Randle Ranger District	26	Lewis
Road Damage Repair	Road 2124000 MP 4.3	Randle Ranger District	26	Lewis
Road Damage Repair	Road 21 MP 24.3	Randle Ranger District	26	Lewis
Road Damage Repair	Road 2324 MP 2.3	Randle Ranger District	26	Lewis
Road Damage Repair	Road 2801000 MP 9.6	Randle Ranger District	26	Lewis
Road Damage Repair	Road 2801000 MP 8.2	Randle Ranger District	26	Lewis
Road Damage Repair	Road 2801000 MP 8.2	Randle Ranger District	26	Lewis
Road Damage Repair	Road 2801 MP 9.9	Randle Ranger District	26	Lewis
Road Damage Repair	Road 2300000 MP 17.7	Randle Ranger District	26	Lewis
Road Damage Repair	Road 23 MP 24.1	Randle Ranger District	26	Lewis
Road Damage Repair	Road 2300000 MP 18.6	Randle Ranger District	26	Lewis
Road Damage Repair	Road 2328 MP 5	Randle Ranger District	26	Lewis
Road Damage Repair	Road 7800000 MP 10.8	Randle Ranger District	26	Lewis
Road Damage Repair	Road 7800000 MP 10.8	Randle Ranger District	26	Lewis
Road Damage Repair	Road 7800000 MP 10.8	Randle Ranger District	26	Lewis
Road Damage Repair	Road 7800000 MP 10.8	Randle Ranger District	26	Lewis
Road Damage Repair	Road 7800000 MP 10.8	Randle Ranger District	26	Lewis
Road Damage Repair	Road 7800000 MP 10.8	Randle Ranger District	26	Lewis
Road Damage Repair	Road 2801100 MP 0.2	Randle Ranger District	26	Lewis
Road Damage Repair	Road 2324 MP 2.2	Randle Ranger District	26	Lewis
Road Damage Repair	Road 2328 MP 4.6	Randle Ranger District	26	Lewis
Road Damage Repair	Cispus Flood Repair	Randle Ranger District	26	Lewis
Road Damage Repair	Road 2300000 MP 25.85	Randle Ranger District	26	Lewis
Road Damage Repair	Road 2328 MP 0.7	Randle Ranger District	26	Lewis
Road Damage Repair	Road 23 MP 29.6	Randle Ranger District	26	Lewis
Road Damage Repair	Road 2325 MP 3.8	Randle Ranger District	26	Lewis
Road Damage Repair	Road 2300292 MP 0.1	Randle Ranger District	26	Lewis
Road Damage Repair	Road 23 MP 26	Randle Ranger District	26	Lewis

Type	Name	Sponsor	WRIA	County(s)
Road Damage Repair	Road 8400059 MP 0.1	Randle Ranger District	26	Lewis
Road Damage Repair	Iron-Skate Reconstruction	Randle Ranger District	26	Lewis
Road Damage Repair	Road 4773 MP 1.4	Randle Ranger District	26	Lewis
Road Damage Repair	Road 4773000 MP 0.2	Randle Ranger District	26	Lewis
Road Damage Repair	Willame Creek	Randle Ranger District	26	Lewis
Road Damage Repair	Road 6300000 MP 11.2	Randle Ranger District	26	Lewis
Road Damage Repair	Road 6300056 MP 0.6	Randle Ranger District	26	Lewis
Road Damage Repair	Road 4700000 MP 6.8	Randle Ranger District	26	Lewis
Road Damage Repair	Road 4700000 MP 6.8	Randle Ranger District	26	Lewis
Road Damage Repair	Road 6300056 MP 0.5	Randle Ranger District	26	Lewis
Road Damage Repair	Road 4730000 MP 1.4	Randle Ranger District	26	Lewis
Road Damage Repair	Road 63 MP 13.9	Randle Ranger District	26	Lewis
Road Damage Repair	Road 4725000 MP 0.4	Randle Ranger District	26	Lewis
Road Damage Repair	Road 6300000 MP 5.7	Randle Ranger District	26	Lewis
Road Damage Repair	Road 2304000 MP 5.0	Randle Ranger District	26	Lewis
Road Damage Repair	Road 2304000 MP 5.0	Randle Ranger District	26	Lewis
Road Damage Repair	Road 2304 MP 7.3	Randle Ranger District	26	Lewis
Road Damage Repair	Road 2304 MP 7.3	Randle Ranger District	26	Lewis
Road Damage Repair	Cunningham Creek	Randle Ranger District	26	Lewis
Road Damage Repair	Owens Creek, L. fork	Randle Ranger District	26	Lewis
Road Damage Repair	Road 55 MP 11.6	Randle Ranger District	26	Lewis
Road Damage Repair	Road 2900000 MP 1.0	Randle Ranger District	26	Lewis
Road Damage Repair	Road 2900000 MP 1.4	Randle Ranger District	26	Lewis
Road Damage Repair	Road 2900000 MP 1.8	Randle Ranger District	26	Lewis
Road Damage Repair	Road 23 MP 15.2	Randle Ranger District	26	Lewis
Road Damage Repair	Road 2300000 MP 13.4	Randle Ranger District	26	Lewis
Road Damage Repair	Road 2300000 MP 10.5	Randle Ranger District	26	Lewis
Road Damage Repair	Road 28 MP 0.4	Randle Ranger District	26	Lewis
Road Damage Repair	Road 28 MP 4.7	Randle Ranger District	26	Lewis
Road Damage Repair	Road 55 MP 13.7	Randle Ranger District	26	Lewis
Road Damage Repair	Road 23 MP 11.8	Randle Ranger District	26	Lewis
Road Damage Repair	Road 28 MP 5.0	Randle Ranger District	26	Lewis
Road Damage Repair	Road 280100000 MP 6	Randle Ranger District	26	Lewis
Road Damage Repair	Road 2801000 MP 6.3	Randle Ranger District	26	Lewis
Road Damage Repair	Road 2900000 MP 0.8	Randle Ranger District	26	Lewis
Road Damage Repair	Road 2900000 MP 4.7	Randle Ranger District	26	Lewis
Road Damage Repair	RD 2801 MP 4.4	Randle Ranger District	26	Lewis
Road Damage Repair	Road 2900045 MP 0.7	Randle Ranger District	26	Lewis
Road Damage Repair	Road 2900045 MP 0.7	Randle Ranger District	26	Lewis
Road Damage Repair	Road 2300000 MP 13.6	Randle Ranger District	26	Lewis
Road Damage Repair	Road 2900000 MP 4.6	Randle Ranger District	26	Lewis
Road Damage Repair	Road 2900000 MP 4.6	Randle Ranger District	26	Lewis
Road Damage Repair	Road 2801000 MP 4.8	Randle Ranger District	26	Lewis
Road Damage Repair	Road 2800000 MP 0.2	Randle Ranger District	26	Lewis
Road Damage Repair	Road 2800045 MP 0.8	Randle Ranger District	26	Lewis
Road Damage Repair	Road 5500000 MP 11.9	Randle Ranger District	26	Lewis
Road Damage Repair	Road 2900000 MP 1.2	Randle Ranger District	26	Lewis
Road Damage Repair	Road 2900000 MP 0.7	Randle Ranger District	26	Lewis
Road Damage Repair	Road 2801 MP 5.4	Randle Ranger District	26	Lewis
Road Damage Repair	Road 2801 MP 5.4	Randle Ranger District	26	Lewis
Road Damage Repair	Road 2900000 MP 0.3	Randle Ranger District	26	Lewis
Road Damage Repair	Road 2900000 MP 4.1	Randle Ranger District	26	Lewis
Road Damage Repair	Road 2900045 MP 0.9	Randle Ranger District	26	Lewis
Road Damage Repair	Road 2900045 MP 0.9	Randle Ranger District	26	Lewis
Road Damage Repair	Road 2900042 MP 1.3	Randle Ranger District	26	Lewis
Road Damage Repair	2900 rd at MP 0.5	Randle Ranger District	26	Lewis
Road Damage Repair	Road 2904000 MP 3.1	Randle Ranger District	26	Lewis

Type	Name	Sponsor	WRIA	County(s)
Road Damage Repair	Road 2904000 MP 3.1	Randle Ranger District	26	Lewis
Road Damage Repair	Road 2900 MP 4.33	Randle Ranger District	26	Lewis
Road Damage Repair	Road 2904000 MP 4.4	Randle Ranger District	26	Lewis
Road Damage Repair	Road 2900044	Randle Ranger District	26	Lewis
Road Damage Repair	Road 22 MP 2.1	Randle Ranger District	26	Lewis
Road Damage Repair	Road 2300000 MP 9.6	Randle Ranger District	26	Lewis
Road Damage Repair	Road 28 MP 1.3	Randle Ranger District	26	Lewis
Road Damage Repair	Road 2904000 MP 1.2	Randle Ranger District	26	Lewis
Road Damage Repair	Road 2900045 MP 0.8	Randle Ranger District	26	Lewis
Road Damage Repair	Road 2900045 MP 0.8	Randle Ranger District	26	Lewis
Road Damage Repair	Road 2300095 MP 0.2	Randle Ranger District	26	Lewis
Road Damage Repair	Road 5508000 MP 2.7	Randle Ranger District	26	Lewis
Road Damage Repair	Road 28 MP 3.0	Randle Ranger District	26	Lewis
Road Damage Repair	Road 2900000 MP 2.2	Randle Ranger District	26	Lewis
Road Damage Repair	Road 2801 MP 6.1	Randle Ranger District	26	Lewis
Road Damage Repair	Road 28 MP 2.4	Randle Ranger District	26	Lewis
Road Damage Repair	Road 2300106 MP 0.6	Randle Ranger District	26	Lewis
Road Damage Repair	Road 2203000 MP 0.2	Randle Ranger District	26	Lewis
Road Damage Repair	Road 2800000 MP 7.3	Randle Ranger District	26	Lewis
Road Damage Repair	Road 2800000 MP 7.3	Randle Ranger District	26	Lewis
Road Damage Repair	Road 2800000 MP 8.5	Randle Ranger District	26	Lewis
Road Damage Repair	Road 2800000 MP 8.9	Randle Ranger District	26	Lewis
Road Damage Repair	Road 2800000 MP 9	Randle Ranger District	26	Lewis
Road Damage Repair	Road 2810000 MP 1.8	Randle Ranger District	26	Lewis
Road Damage Repair	Rd. 2900093	Randle Ranger District	26	Lewis
Road Damage Repair	Road 2900115 MP 1.1	Randle Ranger District	26	Lewis
Road Damage Repair	Road 2900000 MP 11.2	Randle Ranger District	26	Lewis
Road Damage Repair	Road 2900000 MP 11.2	Randle Ranger District	26	Lewis
Road Damage Repair	Road 2900000 MP 11.4	Randle Ranger District	26	Lewis
Road Damage Repair	Road 2900000 MP 11.4	Randle Ranger District	26	Lewis
Road Damage Repair	Road 2900000 MP 11.8	Randle Ranger District	26	Lewis
Road Damage Repair	Road 2900115 MP 0.5	Randle Ranger District	26	Lewis
Road Damage Repair	Road 2900000 MP 6.8	Randle Ranger District	26	Lewis
Road Damage Repair	Road 2900 MP 6.1	Randle Ranger District	26	Lewis
Road Damage Repair	Road 2904000 MP 5.6	Randle Ranger District	26	Lewis
Road Damage Repair	Road 2800000 MP 8.2	Randle Ranger District	26	Lewis
Road Damage Repair	Road 2810000 MP 3.1	Randle Ranger District	26	Lewis
Road Damage Repair	Road 28 MP 6.4	Randle Ranger District	26	Lewis
Road Damage Repair	Road 28 MP 6.4	Randle Ranger District	26	Lewis
Road Damage Repair	Road 2810000 MP 1.2	Randle Ranger District	26	Lewis
Road Damage Repair	Road 2900116 MP 1	Randle Ranger District	26	Lewis
Road Damage Repair	Road 2800 MP 2.4-7.4	Randle Ranger District	26	Lewis
Road Damage Repair	Contract			
Road Damage Repair	Road 2900115 m.p. 0.0 to 0.36	Randle Ranger District	26	Lewis
Road Damage Repair	Road 2900115 m.p. 0.54 to 0.71	Randle Ranger District	26	Lewis
Road Damage Repair	Road 2900115 m.p. 0.86 to 0.96	Randle Ranger District	26	Lewis
Road Damage Repair	Road 2900115 m.p. 1.23 to 1.54	Randle Ranger District	26	Lewis
Road Damage Repair	Road 2900116 m.p. 0.0 to 0.76	Randle Ranger District	26	Lewis
Road Damage Repair	Road 2900000 MP 14.2	Randle Ranger District	26	Lewis
Road Damage Repair	Road 2810000 MP 5	Randle Ranger District	26	Lewis
Road Damage Repair	Road 2810000 MP 5.1	Randle Ranger District	26	Lewis
Road Damage Repair	Road 2900000 MP 13.8	Randle Ranger District	26	Lewis
Road Damage Repair	Road 2900000 m.p. 12.73 to 12.89	Randle Ranger District	26	Lewis
Road Damage Repair	Road 2900000 m.p. 13.47 to 13.58	Randle Ranger District	26	Lewis

Type	Name	Sponsor	WRIA	County(s)
Road Damage Repair	Road 2900000 m.p.13.97 to 14.06	Randle Ranger District	26	Lewis
Road Damage Repair	Road 2900000 m.p. 14.3 to 14.6	Randle Ranger District	26	Lewis
Road Damage Repair	Road 2900116 m.p. 1.05 to 2.59	Randle Ranger District	26	Lewis
Road Damage Repair	Road 8500000 MP 8.4	Randle Ranger District	26	Lewis
Road Damage Repair	Road 8500000 MP 5.0	Randle Ranger District	26	Lewis
Road Damage Repair	Road 8412000 MP 1.4	Randle Ranger District	26	Lewis
Road Damage Repair	Road 8412000 MP 1.6	Randle Ranger District	26	Lewis
Road Damage Repair	Road 8500000 MP 13.5	Randle Ranger District	26	Lewis
Road Damage Repair	Road 8500 MP 10.8	Randle Ranger District	26	Lewis
Road Damage Repair	Road 8500 MP 11.6	Randle Ranger District	26	Lewis
Road Damage Repair	Road 7500000 MP 4.9	Randle Ranger District	26	Lewis
Road Damage Repair	Road 4700000 MP 15	Randle Ranger District	26	Lewis
Road Damage Repair	Road 4700000 MP 17.7	Randle Ranger District	26	Lewis
Road Damage Repair	Road 8500000 MP 17.7	Randle Ranger District	26	Lewis
Road Damage Repair	Road 8500000 MP 19.8	Randle Ranger District	26	Lewis
Road Damage Repair	Road 6353030 MP 0.3	Randle Ranger District	26	Lewis
Road Damage Repair	Road 8500000 MP 20	Randle Ranger District	26	Lewis
Road Damage Repair	Road 8500042 MP 0.6	Randle Ranger District	26	Lewis
Road Damage Repair	Road 8500043 MP 0.9	Randle Ranger District	26	Lewis
Road Damage Repair	Road 8500000 MP 18.4	Randle Ranger District	26	Lewis
Road Damage Repair	Road 8500130 MP 0.8	Randle Ranger District	26	Lewis
Road Damage Repair	Road 7500000 MP 0.6	Randle Ranger District	26	Lewis
Road Damage Repair	Road 7534000 MP 1.7	Randle Ranger District	26	Lewis
Road Damage Repair	Road 75 MP 2.1	Randle Ranger District	26	Lewis
Road Damage Repair	Road 25 MP 9.1	Randle Ranger District	26	Lewis
Road Damage Repair	Road 7600000 MP 2.5	Randle Ranger District	26	Lewis
Road Damage Repair	Road 7600000 MP 4.3	Randle Ranger District	26	Lewis
Road Damage Repair	Road 7700000 MP 0.7	Randle Ranger District	26	Lewis
Road Damage Repair	Road 7700000 MP 0.7	Randle Ranger District	26	Lewis
Road Damage Repair	Road 2505022 MP 0.6	Randle Ranger District	26	Lewis
Road Damage Repair	Road 2305 MP 2.9	Randle Ranger District	26	Lewis
Road Damage Repair	Road 7600000 MP 0.7	Randle Ranger District	26	Lewis
Road Damage Repair	Road 25 MP 13.6	Randle Ranger District	26	Lewis
Road Damage Repair	Road 2508 MP 0.7	Randle Ranger District	26	Lewis
Road Damage Repair	Road 7600000 MP 0.5	Randle Ranger District	26	Lewis
Road Damage Repair	Road 7600000 MP 0.5	Randle Ranger District	26	Lewis
Road Damage Repair	Road 7600000 MP 0.6	Randle Ranger District	26	Lewis
Road Damage Repair	Road 7600000 MP 0.6	Randle Ranger District	26	Lewis
Road Damage Repair	Road 7600000 MP 1	Randle Ranger District	26	Lewis
Road Damage Repair	Road 7600000 MP 2.9	Randle Ranger District	26	Lewis
Road Damage Repair	Road 7600000 MP 3	Randle Ranger District	26	Lewis
Road Damage Repair	Road 7600000 MP 3	Randle Ranger District	26	Lewis
Road Damage Repair	Road 7600000 MP 3.2	Randle Ranger District	26	Lewis
Road Damage Repair	Road 7600000 MP 5	Randle Ranger District	26	Lewis
Road Damage Repair	Road 7700000 MP 1.8	Randle Ranger District	26	Lewis
Road Damage Repair	Road 2300083 MP 1.2	Randle Ranger District	26	Lewis
Road Damage Repair	Road 2300083 MP 1.2	Randle Ranger District	26	Lewis
Road Damage Repair	Road 7600000 MP 1.5	Randle Ranger District	26	Lewis
Road Damage Repair	Road 7600000 MP 1.2	Randle Ranger District	26	Lewis
Road Damage Repair	Road 7700000 MP 12.8	Randle Ranger District	26	Lewis
Road Damage Repair	Road 2505000 MP 0.2	Randle Ranger District	26	Lewis
Road Damage Repair	Road 7600000 MP 3.3	Randle Ranger District	26	Lewis
Road Damage Repair	Road 2508000 MP 2.6	Randle Ranger District	26	Lewis
Road Damage Repair	Road 2508000 MP 2.6	Randle Ranger District	26	Lewis
Road Damage Repair	Road 2508000 MP 2.9	Randle Ranger District	26	Lewis
Road Damage Repair	Road 2508000 MP 3	Randle Ranger District	26	Lewis

Type	Name	Sponsor	WRIA	County(s)
Road Damage Repair	Road 2508000 MP 3	Randle Ranger District	26	Lewis
Road Damage Repair	Road 7700000 MP 0.6	Randle Ranger District	26	Lewis
Road Damage Repair	Road 7600000 MP 4.1	Randle Ranger District	26	Lewis
Road Damage Repair	Road 7600000 MP 0.9	Randle Ranger District	26	Lewis
Road Damage Repair	Road 7600000 MP 3.1	Randle Ranger District	26	Lewis
Road Damage Repair	Road 7605024 MP 0.9	Randle Ranger District	26	Lewis
Road Damage Repair	Road 7700000 MP 2.4	Randle Ranger District	26	Lewis
Road Damage Repair	Road 7700152, MP 0.3	Randle Ranger District	26	Lewis
Road Damage Repair	Road 7700152, MP 0.7	Randle Ranger District	26	Lewis
Road Damage Repair	Road 7708086 MP 0.7	Randle Ranger District	26	Lewis
Road Damage Repair	Road 25 MP 13.7	Randle Ranger District	26	Lewis
Road Damage Repair	Road 25 MP 13.9	Randle Ranger District	26	Lewis
Road Damage Repair	Road 25 MP 13.8	Randle Ranger District	26	Lewis
Road Damage Repair	Road 7700152 MP 0.5	Randle Ranger District	26	Lewis
Road Damage Repair	Road 7713037 MP 0.9	Randle Ranger District	26	Lewis
Road Damage Repair	Road 7708088 MP 0.1	Randle Ranger District	26	Lewis
Road Damage Repair	Road 7713000 North Veta Ck MP0.4	Randle Ranger District	26	Lewis
Road Damage Repair	Iron-Skate Reconstruction	Randle Ranger District	26	Lewis
Road Damage Repair	Road 25 MP 7.7	Randle Ranger District	26	Lewis
Road Damage Repair	Road 25 MP 8.4	Randle Ranger District	26	Lewis
Road Damage Repair	Road 2513 MP 0.3	Randle Ranger District	26	Lewis
Road Damage Repair	Cispus Riv. Rd. 25 Blacktop Removal	Randle Ranger District	26	Lewis
Road Damage Repair	Road 2515000 MP 2.6	Randle Ranger District	26	Lewis
Road Damage Repair	Road 2515 MP 2	Randle Ranger District	26	Lewis
Road Damage Repair	Road 2516000 MP 2.2	Randle Ranger District	26	Lewis
Road Damage Repair	Road 2516000 MP 2.7	Randle Ranger District	26	Lewis
Road Damage Repair	Road 2515000 MP 5.1	Randle Ranger District	26	Lewis
Road Damage Repair	Road 2515000 MP 5.1	Randle Ranger District	26	Lewis
Road Damage Repair	Road 2750000 MP 2.2	Randle Ranger District	26	Lewis
Road Damage Repair	Road 2750 MP 3.7	Randle Ranger District	26	Lewis
Road Damage Repair	Road 2750 MP 0.6	Randle Ranger District	26	Lewis
Road Damage Repair	Road 2750 MP 1.1	Randle Ranger District	26	Lewis
Road Damage Repair	Goat Creek Flood Repair	Randle Ranger District	26	Lewis
Road Damage Repair	Goat Creek Flood Repair	Randle Ranger District	26	Lewis
Road Damage Repair	Road 7400000 MP 11.1	Randle Ranger District	26	Lewis
Road Damage Repair	Road 7409040 MP 0.9	Randle Ranger District	26	Lewis
Road Damage Repair	Road 7400000 MP 9.5	Randle Ranger District	26	Lewis
Road Damage Repair	Road 7400000 MP 11.3	Randle Ranger District	26	Lewis
Road Damage Repair	Road 7400000 MP 9.8	Randle Ranger District	26	Lewis
Road Damage Repair	Road 7409000 MP 10.6	Randle Ranger District	26	Lewis
Road Damage Repair	Road 7400000 MP 5.2	Randle Ranger District	26	Lewis
Road Damage Repair	Road 7409000 MP 0.9	Randle Ranger District	26	Lewis
Road Damage Repair	Road 7400000 MP 13.5	Randle Ranger District	26	Lewis
Road Damage Repair	Road 7400000 MP 17.8	Randle Ranger District	26	Lewis
Road Damage Repair	Road 7400000 MP 30.6	Randle Ranger District	26	Lewis
Road Damage Repair	Road 7400186 MP 0.4	Randle Ranger District	26	Lewis
Road Damage Repair	Road 7400186 MP 0.9	Randle Ranger District	26	Lewis
Road Damage Repair	Road 7400186 MP 1.3	Randle Ranger District	26	Lewis
Road Damage Repair	Road 7415000 MP 1.6	Randle Ranger District	26	Lewis
Road Damage Repair	Road 7415000 MP 2	Randle Ranger District	26	Lewis
Road Damage Repair	Road 7409000 MP 5.9	Randle Ranger District	26	Lewis
Road Damage Repair	Road 7400000 MP 34.5	Randle Ranger District	26	Lewis
Road Damage Repair	Road 7400186 MP 0.7	Randle Ranger District	26	Lewis
Road Damage Repair	Road 7007000 MP 3.5	Randle Ranger District	26	Lewis
Road Damage Repair	Road 7302047 MP 0.4	Randle Ranger District	26	Lewis
Road Damage Repair	Road 7302047 MP 2.5	Randle Ranger District	26	Lewis
Road Damage Repair	Road 7300000 MP 1.3	Randle Ranger District	26	Lewis

Type	Name	Sponsor	WRIA	County(s)
Road Damage Repair	Road 7007000 MP 1.6	Randle Ranger District	26	Lewis
Road Damage Repair	Road 7307000 MP 1.7	Randle Ranger District	26	Lewis
Road Damage Repair	Road 7300000 MP 2.7	Randle Ranger District	26	Lewis
Road Damage Repair	Road 7300000 MP 6	Randle Ranger District	26	Lewis
Road Damage Repair	Road 7300000 MP 2	Randle Ranger District	26	Lewis
Road Damage Repair	Road 7307000 MP 0.6	Randle Ranger District	26	Lewis
Road Damage Repair	Road 7300068 MP 0.1	Randle Ranger District	26	Lewis
Road Realignment/Improvement	Road 4720017 MP 0.4	Packwood Ranger District	26	Lewis
Road Realignment/Improvement	Road 4820000 MP 2.6	Packwood Ranger District	26	Lewis
Road Realignment/Improvement	Road 7800000 MP 1.0	Packwood Ranger District	26	Lewis
Road Realignment/Improvement	Road 8510000 MP 1.5	Packwood Ranger District	26	Lewis
Road Realignment/Improvement	2516027 rd	Randle Ranger District	26	Lewis
Road Realignment/Improvement	Road 7802000 MP 2.1	Randle Ranger District	26	Lewis
Road Realignment/Improvement	road 2300171	Randle Ranger District	26	Lewis
Road Realignment/Improvement	road 2317	Randle Ranger District	26	Lewis
Road Realignment/Improvement	Road 2124	Randle Ranger District	26	Lewis
Road Realignment/Improvement	Road 2124	Randle Ranger District	26	Lewis
Road Realignment/Improvement	Road 2124	Randle Ranger District	26	Lewis
Road Realignment/Improvement	Road 2124000 MP 3.9	Randle Ranger District	26	Lewis
Road Realignment/Improvement	Rd 2801 MP 9.4	Randle Ranger District	26	Lewis
Road Realignment/Improvement	Road 2124024	Randle Ranger District	26	Lewis
Road Realignment/Improvement	road 2325	Randle Ranger District	26	Lewis
Road Realignment/Improvement	road 2325042	Randle Ranger District	26	Lewis
Road Realignment/Improvement	Road 4700000 MP 4.1	Randle Ranger District	26	Lewis
Road Realignment/Improvement	Road 4700000 MP 4.1	Randle Ranger District	26	Lewis
Road Realignment/Improvement	Road 5500000 MP 6.4 - 7.2	Randle Ranger District	26	Lewis
Road Realignment/Improvement	Road 5500000 MP 6.4 - 7.2	Randle Ranger District	26	Lewis
Road Realignment/Improvement	Road 2304000 m.p. 8.35	Randle Ranger District	26	Lewis
Road Realignment/Improvement	Road 2304000 m.p. 5.8	Randle Ranger District	26	Lewis
Road Realignment/Improvement	Road 2304000 m.p.6.81	Randle Ranger District	26	Lewis
Road Realignment/Improvement	Road 2304000 m.p.7.9	Randle Ranger District	26	Lewis
Road Realignment/Improvement	Road 2304000 m.p 5.45	Randle Ranger District	26	Lewis

Type	Name	Sponsor	WRIA	County(s)
Road Realignment/Improvement	Road 2304000 m.p. 4.95	Randle Ranger District	26	Lewis
Road Realignment/Improvement	Road 2304000 m.p. 9.4	Randle Ranger District	26	Lewis
Road Realignment/Improvement	2900000 road MP 0.0 to 2.5	Randle Ranger District	26	Lewis
Road Realignment/Improvement	road 2300161	Randle Ranger District	26	Lewis
Road Realignment/Improvement	Road 2300000 MP 13.8	Randle Ranger District	26	Lewis
Road Realignment/Improvement	road 2904	Randle Ranger District	26	Lewis
Road Realignment/Improvement	Road 28 MP 4.6	Randle Ranger District	26	Lewis
Road Realignment/Improvement	Road 2800000 MP 8.6	Randle Ranger District	26	Lewis
Road Realignment/Improvement	Road 2800000 MP 8.6	Randle Ranger District	26	Lewis
Road Realignment/Improvement	Road 2900000 MP 9	Randle Ranger District	26	Lewis
Road Realignment/Improvement	Road 2800000 MP 8.4	Randle Ranger District	26	Lewis
Road Realignment/Improvement	Road 2900115 MP 1	Randle Ranger District	26	Lewis
Road Realignment/Improvement	Road 2900000 MP 10.4	Randle Ranger District	26	Lewis
Road Realignment/Improvement	Road 2900000 MP 10.4	Randle Ranger District	26	Lewis
Road Realignment/Improvement	Road 2900000 MP 8.6	Randle Ranger District	26	Lewis
Road Realignment/Improvement	Road 2900000 m.p. 12.04 to 12.06	Randle Ranger District	26	Lewis
Road Realignment/Improvement	Road 2810 MP 0 - 9.6	Randle Ranger District	26	Lewis
Road Realignment/Improvement	Road 2900000 MP 13.3	Randle Ranger District	26	Lewis
Road Realignment/Improvement	Road 29 MP 2.5 - 12.5	Randle Ranger District	26	Lewis
Road Realignment/Improvement	Road 2304 MP 2.7 - 9.4	Randle Ranger District	26	Lewis
Road Realignment/Improvement	Road 2304 MP 2.7 - 9.4	Randle Ranger District	26	Lewis
Road Realignment/Improvement	Road 2304 MP 2.7 - 9.4	Randle Ranger District	26	Lewis
Road Realignment/Improvement	Road 7500000 MP 1.4	Randle Ranger District	26	Lewis
Road Realignment/Improvement	Road 7700000 MP 2.1	Randle Ranger District	26	Lewis
Road Realignment/Improvement	Road 7605000 MP 0.5	Randle Ranger District	26	Lewis
Road Realignment/Improvement	76 road realignment	Randle Ranger District	26	Lewis
Road Realignment/Improvement	Rd 2508 MP 1.5 - 3.9	Randle Ranger District	26	Lewis
Road Realignment/Improvement	7708086 rd	Randle Ranger District	26	Lewis
Road Realignment/Improvement	Road 2500201	Randle Ranger District	26	Lewis

Type	Name	Sponsor	WRIA	County(s)
Road Realignment/Improvement	road 7708	Randle Ranger District	26	Lewis
Road Realignment/Improvement	2516 road	Randle Ranger District	26	Lewis
Road Realignment/Improvement	2500210 rd	Randle Ranger District	26	Lewis
Road Realignment/Improvement	Road 7713 MP 0 - 2.1	Randle Ranger District	26	Lewis
Road Realignment/Improvement	Road 7713 MP 0 - 2.1	Randle Ranger District	26	Lewis
Road Realignment/Improvement	Road 7713 MP 0 - 2.1	Randle Ranger District	26	Lewis
Road Realignment/Improvement	Road 7605000 m.p.8.7 to 9.8	Randle Ranger District	26	Lewis
Road Realignment/Improvement	Road 2816000	Randle Ranger District	26	Lewis
Road Realignment/Improvement	Road 9900036 Waterbars	Randle Ranger District	26	Lewis
Road Realignment/Improvement	Road 2517017 Iron Creek 04-202	Randle Ranger District	26	Lewis
Road Realignment/Improvement	2516040 rd	Randle Ranger District	26	Lewis
Road Realignment/Improvement	Road 7000073 MP 0.9	Randle Ranger District	26	Lewis
Road Realignment/Improvement	Road 7000073 MP 1.3	Randle Ranger District	26	Lewis
Road Storm proof/Weatherization	Rd 2130410	Packwood Ranger District	26	Lewis
Road Storm proof/Weatherization	Road 4400064 MP 0.8-1.3	Randle Ranger District	26	Lewis
Road Storm proof/Weatherization	Road 4400 Stabilize Closed	Randle Ranger District	26	Lewis
Road Storm proof/Weatherization	Road 4400049 MP 0.1-1.3	Randle Ranger District	26	Lewis
Road Storm proof/Weatherization	Rd. 2200669	Randle Ranger District	26	Lewis
Road Storm proof/Weatherization	Road 47 MP 3.0-7.0	Randle Ranger District	26	Lewis
Road Storm proof/Weatherization	Road 47 MP 3.0-7.0	Randle Ranger District	26	Lewis
Road Storm proof/Weatherization	Road 47 MP 3.0-7.0	Randle Ranger District	26	Lewis
Road Storm proof/Weatherization	Rd 2130039	Randle Ranger District	26	Lewis
Road Storm proof/Weatherization	Rd 2130039	Randle Ranger District	26	Lewis
Road Storm proof/Weatherization	Rd. 2200094	Randle Ranger District	26	Lewis
Road Storm proof/Weatherization	Road 7800072 MP 0 - 1.0	Randle Ranger District	26	Lewis
Road Storm proof/Weatherization	Rd. 2130038	Randle Ranger District	26	Lewis
Road Storm proof/Weatherization	North Fork Cispus Road Stabilization II	Randle Ranger District	26	Lewis
Road Storm proof/Weatherization	Road 2212 MP 0 - 5.4	Randle Ranger District	26	Lewis
Road Storm proof/Weatherization	Road 2324000 MP 1.8	Randle Ranger District	26	Lewis

Type	Name	Sponsor	WRIA	County(s)
Road Storm proof/Weatherization	Road 2801100	Randle Ranger District	26	Lewis
Road Storm proof/Weatherization	Road 2322000	Randle Ranger District	26	Lewis
Road Storm proof/Weatherization	Road 2322017	Randle Ranger District	26	Lewis
Road Storm proof/Weatherization	Rd 2801101	Randle Ranger District	26	Lewis
Road Storm proof/Weatherization	Road 4720059A	Randle Ranger District	26	Lewis
Road Storm proof/Weatherization	Road 4745000	Randle Ranger District	26	Lewis
Road Storm proof/Weatherization	Road 4720059	Randle Ranger District	26	Lewis
Road Storm proof/Weatherization	Road 6300063	Randle Ranger District	26	Lewis
Road Storm proof/Weatherization	Rd 4720048	Randle Ranger District	26	Lewis
Road Storm proof/Weatherization	Rd. 4720049	Randle Ranger District	26	Lewis
Road Storm proof/Weatherization	Road 4745410	Randle Ranger District	26	Lewis
Road Storm proof/Weatherization	Road 4740405	Randle Ranger District	26	Lewis
Road Storm proof/Weatherization	Road 4720049A	Randle Ranger District	26	Lewis
Road Storm proof/Weatherization	Road 2300095	Randle Ranger District	26	Lewis
Road Storm proof/Weatherization	Road 2900057 Waterbars	Randle Ranger District	26	Lewis
Road Storm proof/Weatherization	Road 2900039	Randle Ranger District	26	Lewis
Road Storm proof/Weatherization	Road 2900042	Randle Ranger District	26	Lewis
Road Storm proof/Weatherization	2900043 rd	Randle Ranger District	26	Lewis
Road Storm proof/Weatherization	Road 2900692	Randle Ranger District	26	Lewis
Road Storm proof/Weatherization	Road 2800046	Randle Ranger District	26	Lewis
Road Storm proof/Weatherization	Road 2800047	Randle Ranger District	26	Lewis
Road Storm proof/Weatherization	Rd 2801080	Randle Ranger District	26	Lewis
Road Storm proof/Weatherization	Road 2801079	Randle Ranger District	26	Lewis
Road Storm proof/Weatherization	Rd. 2900084	Randle Ranger District	26	Lewis
Road Storm proof/Weatherization	Road 2900058	Randle Ranger District	26	Lewis
Road Storm proof/Weatherization	Rd. 2900092	Randle Ranger District	26	Lewis
Road Storm proof/Weatherization	Rd. 2900149	Randle Ranger District	26	Lewis
Road Storm proof/Weatherization	Rd. 2900149	Randle Ranger District	26	Lewis
Road Storm proof/Weatherization	Road 2900149 MP 0.3	Randle Ranger District	26	Lewis

Type	Name	Sponsor	WRIA	County(s)
Road Storm proof/Weatherization	Road 2900149 MP 0.3	Randle Ranger District	26	Lewis
Road Storm proof/Weatherization	Road 2306031	Randle Ranger District	26	Lewis
Road Storm proof/Weatherization	Road 2300084	Randle Ranger District	26	Lewis
Road Storm proof/Weatherization	Road 2816052 MP 0 - 1.6	Randle Ranger District	26	Lewis
Road Storm proof/Weatherization	Road 7605 MP 6.5 - 9.7	Randle Ranger District	26	Lewis
Road Storm proof/Weatherization	Road 7605 MP 6.5 - 9.7	Randle Ranger District	26	Lewis
Road Storm proof/Weatherization	Road 7605 MP 6.5 - 9.7	Randle Ranger District	26	Lewis
Road Storm proof/Weatherization	Road 7605 MP 6.5 - 9.7	Randle Ranger District	26	Lewis
Road Storm proof/Weatherization	Road 7605 MP 6.5 - 9.7	Randle Ranger District	26	Lewis
Road Storm proof/Weatherization	Road 7605 MP 6.5 - 9.7	Randle Ranger District	26	Lewis
Road Storm proof/Weatherization	Road 7605 MP 6.5 - 9.7	Randle Ranger District	26	Lewis
Road Storm proof/Weatherization	Road 2816 MP 0 - 4.5	Randle Ranger District	26	Lewis
Road Storm proof/Weatherization	Road 2516043	Randle Ranger District	26	Lewis
Road Storm proof/Weatherization	Road 2515042 MP 1.9	Randle Ranger District	26	Lewis
Steambank stability	Pinto Creek Erosion Control	Randle Ranger District	26	Lewis
Steambank stability	Pinto Creek Erosion Control	Randle Ranger District	26	Lewis
Steambank stability	Pumice Creek Erosion Control	Randle Ranger District	26	Lewis
Steambank stability	Pumice Creek Erosion Control	Randle Ranger District	26	Lewis
Steambank stability	1918 Creek Erosion Control	Randle Ranger District	26	Lewis
Steambank stability	Soldier Creek Erosion Control Project	Randle Ranger District	26	Lewis
Streamside Revegetation	Waste Site next to Camp Creek	Randle Ranger District	26	Lewis
Streamside Revegetation	Waste Site next to Camp Creek	Randle Ranger District	26	Lewis
Streamside Revegetation	Waste Site #2, next to Greenhorn Creek	Randle Ranger District	26	Lewis
Streamside Revegetation	Waste Site #2, next to Greenhorn Creek	Randle Ranger District	26	Lewis
Streamside Revegetation	Road 7800 MP 2.7 Class IV	Randle Ranger District	26	Lewis
Streamside Revegetation	Rd 2324, Site 4	Randle Ranger District	26	Lewis
Streamside Revegetation	Rd 2801 Site 7	Randle Ranger District	26	Lewis
Streamside Revegetation	Rd 22 Site 1	Randle Ranger District	26	Lewis
Streamside Revegetation	Yellowjacket Creek	Randle Ranger District	26	Lewis
Streamside Revegetation	Yellowjacket Creek	Randle Ranger District	26	Lewis
Streamside Revegetation	Yellowjacket Creek	Randle Ranger District	26	Lewis
Streamside Revegetation	Pinto Creek Road 2800 04-403	Randle Ranger District	26	Lewis
Streamside Revegetation	Yellowjacket Creek	Randle Ranger District	26	Lewis
Streamside Revegetation	Greenhorn Creek	Randle Ranger District	26	Lewis
Streamside Revegetation	Rd 2510 Iron Crk	Randle Ranger District	26	Lewis
Streamside Revegetation	Rd 2510 Iron Crk	Randle Ranger District	26	Lewis
Streamside Revegetation	Rd 2510 Iron Crk	Randle Ranger District	26	Lewis
Streamside Revegetation	Rd 2510 Iron Crk	Randle Ranger District	26	Lewis

Type	Name	Sponsor	WRIA	County(s)
Streamside Revegetation	Rd 2510 Iron Crk	Randle Ranger District	26	Lewis
Streamside Revegetation	Rd 2510 Iron Crk	Randle Ranger District	26	Lewis
Streamside Revegetation	Iron Crk Class IV Trib Slide	Randle Ranger District	26	Lewis
Streamside Revegetation	Yellowjacket EC	Randle Ranger District	26	Lewis
Streamside Revegetation	Rd 25, Benham Creek - South Side	Randle Ranger District	26	Lewis
Streamside Revegetation	Rd 25, Benham Creek - South Side	Randle Ranger District	26	Lewis
Streamside Revegetation	Rd 25, Benham Creek - South Side	Randle Ranger District	26	Lewis
Streamside Revegetation	Rd 25, Benham Creek - South Side	Randle Ranger District	26	Lewis
Streamside Revegetation	Iron - Benham Crk Slide	Randle Ranger District	26	Lewis
Study	Whittle Creek Assessment Project	LCFEG	26	
Study	L Salmon Creek	Lewis County Public Works	26	Lewis
Supplementation	Hall Creek	Cowlitz Game and Anglers	26	Lewis
Upland	Stormwater Pump Station 2A	Cowlitz County Diking Dist No 2	26	Cowlitz
Upland	FISH 1 Administrative Support	Cowlitz Game and Anglers	26	Cowlitz, Lewis
Upland	Project Coordinators for Cowlitz Game and Anglers	LCFEG	26	Cowlitz, Lewis
Passage	Brickie Cr at Lucia Falls Rd	Clark County Public Works	27	Clark
Passage	Lockwood Creek at Taylor Valley Rd	Clark County Public Works	27	Clark
Passage	Riley Creek at Finalsburg Rd	Clark County Public Works	27	Clark
Passage	Lockwood Creek at Lockwood Creek Rd	Clark County Public Works	27	Clark
Passage	Mill Creek at NE 259th Ave	Clark County Public Works	27	Clark
Passage	Riley Creek at Johnson RD	Clark County Public Works	27	Clark
Passage	Charley Cr at Lucia Falls Rd		27	Clark
Passage	Lockwood Bridge	LCFEG	27	Clark
Riparian	2002-EFHE-East Fork tributary maintenance planting	Mt St Helens National Volcanic Monument	27	Skamania
Riparian	2002-EFHE-East Fork tributary maintenance planting	Mt St Helens National Volcanic Monument	27	Skamania
Riparian	2002-EFHE-East Fork tributary maintenance planting	Mt St Helens National Volcanic Monument	27	Skamania
Riparian	2002-EFHE-East Fork tributary maintenance planting	Mt St Helens National Volcanic Monument	27	Skamania
Riparian	2002-EFUE-East Fork Lewis River riparian planting	Mt St Helens National Volcanic Monument	27	Skamania
Study	Predesign for Breeze Cr/4th St in Ridgefield	Clark County Public Works	27	Clark
Upland	IMPLEMENTATION OF EAST FORK LEWIS RIVER	Clark Co Comm Dev	27	Clark
Upland	DIKE REPAIR AT 254TH STREET-E.FORK LEWIS RIVER	Clark County	27	Clark
Upland	La Center Water Reclamation Plant Upgrade	Clark Public Utilities	27	Clark
Nutrient Acquisition / Riparian / Upland	Elochoman River Nutrient Ft. Canby Slide; Ilwaco / Skinville Intersection (SR 100)	WDFW	25 24	Wahkiakum Pacific

Type	Name	Sponsor	WRIA	County(s)
Habitat	Implement the Habitat Restoration Program for the Columbia Estuary and Lower Columbia River	LCREP/CREST	multi	Wahkiakum
Habitat	Preserve and Restore Columbia River Estuary Islands to Enhance Juvenile Salmonid and Columbian White-tailed Deer Habitat.	USFWS/COLUMBIA LAND TRUST/USGS	25	Wahkiakum
Instream	Woodard Creek Bridge Bank Protection (SR 14)		24	Pacific
Instream	Chinook Vicinity Drainage (US 101)		24	Pacific
Monitoring	Lower Columbia River and Columbia River Estuary Ecosystem Monitoring and Data Management	LCREP	multi	multi
Research & Evaluation	Historic habitat opportunities and food-web linkages of juvenile salmon in the Columbia River estuary: Implications for managing flows and restoration	NOAA FISHERIES	multi	multi
Study	Avian Predation Technical Advisor			NA
Study	Caspian Tern Survey		NA	NA
Study	Self Contained Sound System	Murremaid Music Boxes; Susan Schubel	NA	NA
Study	Ocean Survival of Salmonids	NOAA FISHERIES	NA	NA
Study	Marine Fish Predation on Juvenile Salmonids	NOAA FISHERIES	NA	NA
Study	Harvest evaluation	WDFW	NA	NA
Upland	Road Abandonment	Longview Fibre	25	Cowlitz, Wahkiakum
Upland	Road Abandonment	Longview Fibre	25	Cowlitz, Wahkiakum
Upland	Road Abandonment	Longview Fibre	25	Cowlitz, Wahkiakum
Acquisition- Restoration	Lower Columbia River Estuary-Deep River	Columbia Land Trust	25	Wahkiakum
Acquisition- Restoration	Lower Columbia River-Grays River Phase 3: Kandoll Farm and Kandoll 20	Columbia Land Trust	25	Wahkiakum
Acquisition- Restoration	Lower Columbia River-Grays River Phase 2: Secret River, Devils Elbow	Columbia Land Trust	25	Wahkiakum
Acquisition- Restoration	Lower Columbia River Estuary-Grays River Phase 4: Wagler, Eden Valley, Florek: Formerly Brooks Slough	Columbia Land Trust	25	Wahkiakum
Acquisition- Restoration	Lower Columbia-Grays River Estuary (Peterson)	Columbia Land Trust	25	Wahkiakum
Instream	Gorley Gravel Rehabilitation	LCFEG	25	Wahkiakum
Nutrient	Grays River Nutrient	WDFW	25	Wahkiakum
Nutrient	Beaver Creek Nutrient	WDFW	25	Wahkiakum
Passage	Birnie Creek Una Road Fish Passage	Cathlamet Town of	25	Wahkiakum
Passage	Grays Watershed Culvert Repair	LCFEG	25	Wahkiakum
Passage	Grays River	USACE	25	Wahkiakum
Passage	Birnie Creek SR 409 25.0281 / 990036	WDFW	25	Wahkiakum
Riparian	Amala Riparian Fencing	Wahkiakum CD	25	Wahkiakum
Riparian	Nelson	Wahkiakum CD	25	Wahkiakum

Type	Name	Sponsor	WRIA	County(s)
Riparian	Marie Fuuver Planting	Wakhiakum CD	25	Wahkiakum
Riparian	Henderson Fencing project	Wakhiakum CD	25	Wahkiakum
Riparian	Smalley Riparian Fencing	Wakhiakum CD	25	Wahkiakum
Riparian	Burkhalter Riparian Fencing	Wakhiakum CD	25	Wahkiakum
Riparian	Howard Riparian fencing	Wakhiakum CD	25	Wahkiakum
Riparian- Instream-Passage	Butler-Hanson Sidechannel Restoration	USACE	25	Wahkiakum
Supplementation	Fish Food for Deep River Net Pen	LCFEG	25	Wahkiakum
Supplementation	Deep River Fish Food	LCFEG	25	Wahkiakum
Upland	Road Abandonment	Cathlamet Timber	25	Wahkiakum
Upland	Road Abandonment	Cathlamet Timber	25	Wahkiakum
Upland	Road Abandonment	Cathlamet Timber	25	Wahkiakum
Upland	Grays Slope Failure survey	Wakhiakum CD	25	Wahkiakum
Upland	Cutslope erosion projects	Wakhiakum CD	25	Wahkiakum
Upland	PIPELINE REPLACEMENT AND WASTEWATER TREA PIPELINE	KALAMA CITY OF	27	Cowlitz
Upland	PIPELINE REPLACEMENT	KALAMA CITY OF	27	Cowlitz
Nutrient Passage	Kalama River Nutrient Wild Horse Creek Bridge Construction Project	WDFW Cowlitz County	27 27	Cowlitz Cowlitz
Acquisition / Wetland Mitigation	White Salmon River Bridge to Hood River (SR 14)		29	Klickitat / Skamania
Habitat	REINTRO OF COLUMBIA R CHUM SALMON IN DUNCAN CREEK	Pacific States Marine Fish Commission	28	Skamania
Instream	Gibbons Creek Log Structures	LCFEG	28	Clark
Instream	Hardy Creek Spawning and Rearing Channel	Washington Trout	28	Skamania
Instream/riparian /monitor	Re-Introduction of Columbia River chum to Duncan Creek	WDFW	28	Skamania
Passage	Duncan Creek Dam Fish Restoration	Skamania Landing Owners Assn.	28	Skamania
Passage	Duncan Creek Dam Fish Passage	Skamania Landing Owners Assn.	29	Skamania
Passage	Duncan Creek Dam Fish Passage Restoration	WDFW	28	Skamania
Riparian	Campen Creek Rehabilitation	LCFEG	28	Clark
Study	WEST END WATER QUALITY ANALYSIS	Skamania Co Public Works Dept	29	Skamania
Study	Evaluate Factors Limiting Columbia River Chum Salmon Populations	USFWS; Tavis Coley	28	Skamania
Upland	UST North Bonneville	North Bonneville City of	29	Skamania
Upland	CPG Skamania Co 96	Skamania Co Public Works Dept	29	Skamania
Upland	CPG Skamania Co 98	Skamania Co Public Works Dept	29	Skamania
Upland	Kanaka Creek Prop.Protect/Fld Damage Restoration	SKAMANIA COUNTY PORT OF	29	Skamania
Acquisition	Washougal River Bank	WDFW	28	Clark
Acquisition	Washougal River Bank	WDFW	28	Clark
Acquisition	Washougal River Bank	WDFW	28	Clark
Acquisition	Washougal River Bank	WDFW	28	Clark
Acquisition	Washougal River Bank	WDFW	28	Clark
Acquisition / Wetland / Instream	Interstate 5 Widening, Salmon Creek to 205 (I-5)		28	Clark
Acquisition / Wetland /	Kid Valley Rd to Maple		26	Cowlitz

Type	Name	Sponsor	WRIA	County(s)
Instream	Flats Vicinity (SR 504)			
Acquisition / Wetland / Riparian	Salzer Creek & Peters Road Wetland Mitigation (US12)		26	Lewis
Acquisition / Wetland / Riparian	144th Street to Battle Ground (SR 503)		28	Clark
Acquisition / Wetland / Upland	NE 78th Street to Salmon Creek (I-5)		28	Clark
Acquisition- Restoration	Washougal River: Slough Creek Riparian	Columbia Land Trust	28	Clark
Acquisition- Restoration	Crims Island	USACE	Oregon	Columbia
Acquisition- Restoration	Schoolhouse Creek Restoration	Washington Trout	28	Skamania
Acquisition- Restoration	Schoolhouse Creek Restoration	Washington Trout	28	Skamania
Admin	LCFRB Project Administration	LCFRB	Multi	Multi
Admin	Habitat Restoration Specialist	WDFW	Multi	Multi
Admin.	Professional Engineering Service Project	Clark CD	multi	Clark
Bank Stabilization	Panther Creek Bank Stabilization	Flood	29	Skamania
Bank Stabilization	H94 Panther Cr. Bank Stab	USFS Fish	29	Skamania
Bank Stabilization	Trout/Layout Soil Bio-Engr	USFWS	29	Skamania
Bridge Repair	PCT Trail Bridge	USFS Fish	29	Skamania
Camp Site Rehab	Panther Cr. Dispersed Site Rehab	USFS Fish	29	Skamania
Channel Work	Trout IV Layout to 43 bridge	Flood	29	Skamania
Channel Work	Mining Reach	Flood/BPA	29	Skamania
Channel Work	Middle Reach	Flood/BPA	29	Skamania
Channel Work	I3 Trout/Compass confluence	USFS Eng	29	Skamania
Channel Work	Q2 Panther Cr Channel Repair	USFS Eng	29	Skamania
Channel Work	J4 PCT Bridge Protection	USFS Eng	29	Skamania
Channel Work	Layout Cr Structure Renovation	USFS Eng	29	Skamania
Channel Work	Hatchery Reach	USFS Fish	29	Skamania
Channel Work	Trout Creek Instream Phase 1 and 3	USFS Fish	29	Skamania
Channel Work	Little Soda Springs	USFS Fish	29	Skamania
Channel Work	Little Soda Springs	USFS Fish	29	Skamania
Channel Work	Stabler Cut Bank	USFS Fish	29	Skamania
Decommissioning	9300810 Rd Decommissioning	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Decommissioning	9300810 Rd Decommissioning	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Decommissioning	9343000 Road Decommissioning	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Decommissioning	9343000 Road Decommissioning	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Decommissioning	Road 9300-920	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Decommissioning	Road 9300-920	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Decommissioning	9343000 Road Decommissioning	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Decommissioning	9343000 Road Decommissioning	Mt St Helens Natl Volcanic Monument	26	Cowlitz

Type	Name	Sponsor	WRIA	County(s)
Decommissioning	9343000 Road Decommissioning	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Decommissioning	9343000 Road Decommissioning	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Decommissioning	9343000 Road Decommissioning	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Decommissioning	9343000 Road Decommissioning	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Decommissioning	Road 6500-726	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Decommissioning	Road 6500-726	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Decommissioning	Road 6500-726	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Decommissioning	Road 6500-726	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Decommissioning	3000-712 Rd Decommissioning	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Decommissioning	3000-712 Rd Decommissioning	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Decommissioning	3000-712 Rd Decommissioning	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Decommissioning	3000-712 Rd Decommissioning	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Decommissioning	Road 6000038 Decommission	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Decommissioning	Rd 9310440 Road Decommissioning	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Decommissioning	9055 segment 01c, 0.2 miles	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Decommissioning	9055 segment 01c, 0.2 miles	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Decommissioning	Rd 9310480 Road Decommissioning	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Decommissioning	Rd 9310500 Road Decommissioning	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Decommissioning	Rd 9310420 Road Decommissioning	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Decommissioning	Road 9039370 MP 0.4	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Decommissioning	3200-735	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Decommissioning	3200-735	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Decommissioning	Road 9312, segment 01b	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Decommissioning	Road 3220-019	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Decommissioning	Road 3220-019	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Decommissioning	9039-384	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Decommissioning	9300193 road decommissioning	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Decommissioning	9300193 road decommissioning	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Decommissioning	Road 9312, segment 01b	Mt St Helens Natl Volcanic Monument	26	Cowlitz

Type	Name	Sponsor	WRIA	County(s)
Decommissioning	Road 9039-430	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Decommissioning	Road 9039-430	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Decommissioning	Road 9039380 MP 0.4	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Decommissioning	Road 9308-100	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Decommissioning	Road 9308-100	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Decommissioning	Road 9308-230	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Decommissioning	Road 9308-230	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Decommissioning	Road 9312-080	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Decommissioning	Road 9312-080	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Decommissioning	Road 9312-100	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Decommissioning	Road 9312-100	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Decommissioning	Rd 9039381 Road Decommissioning	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Decommissioning	Rd 9303000 Road Decommissioning	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Decommissioning	Rd 9303000 Road Decommissioning	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Decommissioning	Rd 9310000 Road Decommissioning	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Decommissioning	9300070 Road Decommissioning	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Decommissioning	9300070 Road Decommissioning	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Decommissioning	9300070 Road Decommissioning	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Decommissioning	3220021 road decommission	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Decommissioning	3220021 road decommission	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Decommissioning	3220022 road decommission	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Decommissioning	3220022 road decommission	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Decommissioning	9300180 road decommissioning	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Decommissioning	9300180 road decommissioning	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Decommissioning	9300190 road decommissioning	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Decommissioning	9300190 road decommissioning	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Decommissioning	9308 190 Road decommissioning	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Decommissioning	9308 190 Road decommissioning	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Decommissioning	Road 3211732 Decommission	Mt St Helens Natl Volcanic Monument	26	Cowlitz

Type	Name	Sponsor	WRIA	County(s)
Decommissioning	Road 3211734 Decommissioning	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Decommissioning	Road 3211739 Decommission	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Decommissioning	Road 3211743	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Decommissioning	Road 5100117 Decommission	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Decommissioning	Road 5100125 Decommission	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Decommissioning	Road 5100165 decommission	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Decommissioning	Road 5100608 Decommissioning	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Decommissioning	Road 5110000 Decommission	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Decommissioning	Road 51 non-sytem roads decom	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Decommissioning	Road 51 non-sytem roads decom	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Decommissioning	Road 9039-650	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Decommissioning	Road 9039-650	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Decommissioning	Road 3000104	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Decommissioning	Road 3000153 Decommission	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Decommissioning	Road 3000665	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Decommissioning	Road 5100127 Decommission	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Decommissioning	Road 5100600 Decommission	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Decommissioning	Road 5100603 Decommission	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Decommissioning	Road 6052635 decommission	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Decommissioning	Rd 2560590 Road Decommissioning	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Decommissioning	Rd 2560620 Road Decommissioning	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Decommissioning	Rd 2560600 Road Decommissioning	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Decommissioning	Rd 2560 Road Decommissioning-mp 2.3- 5.14	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Decommissioning	Rd 2560 Road Decommissioning-mp 2.3- 5.14	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Decommissioning	Rd 2560 Road Decommissioning-mp 5.14- 7.3	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Decommissioning	2562540 Decommission	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Decommissioning	Road 2586-250	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Decommissioning	Road 2586-250	Mt St Helens Natl Volcanic Monument	26	Cowlitz

Type	Name	Sponsor	WRIA	County(s)
Decommissioning	Rd 2572000 Road Decommissioning	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Decommissioning	Rd 2572000 Road Decommissioning	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Decommissioning	Rd 2572000 Road Decommissioning	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Decommissioning	Rd 2572000 Road Decommissioning	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Decommissioning	Rd 2572000 Road Decommissioning	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Decommissioning	Rd 2572000 Road Decommissioning	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Decommissioning	Rd 2572000 Road Decommissioning	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Decommissioning	Rd 2572000 Road Decommissioning	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Decommissioning	Rd 2572130 Road Decommissioning	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Decommissioning	Rd 2572130 Road Decommissioning	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Decommissioning	Rd 2572130 Road Decommissioning	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Decommissioning	Rd 2586440 Road Decommissioning	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Decommissioning	Rd 2562000 Road Decommissioning	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Decommissioning	Rd 2562000 Road Decommissioning	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Decommissioning	Rd 2562000 Road Decommissioning	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Decommissioning	Rd 2586000 Road Decommissioning	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Decommissioning	Rd 2586000 Road Decommissioning	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Decommissioning	Rd 2586000 Road Decommissioning	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Decommissioning	Rd 2586000 Road Decommissioning	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Decommissioning	Rd 2586000 Road Decommissioning	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Decommissioning	Road 9039-626	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Decommissioning	Road 9039-624, segment 01B	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Decommissioning	Road 8312-020	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Decommissioning	Road 8312-020	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Decommissioning	Road 5301537 MP 0	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Decommissioning	Road 5301537 MP 0	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Decommissioning	Road 5301537 MP 0	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Decommissioning	Rd 5800000 Road Decommissioning	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Decommissioning	Rd 5800000 Road Decommissioning	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Decommissioning	Rd 5800000 Road Decommissioning	Mt St Helens Natl Volcanic Monument	26	Cowlitz

Type	Name	Sponsor	WRIA	County(s)
Decommissioning	Rd 5800000 Road Decommissioning	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Decommissioning	3700527 Road Decommissioning	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Decommissioning	3700527 Road Decommissioning	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Decommissioning	4200-684 Road Decommissioning	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Decommissioning	4200-684 Road Decommissioning	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Decommissioning	4200-684 Road Decommissioning	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Decommissioning	4200-684 Road Decommissioning	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Decommissioning	Road 4200514 MP 1	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Decommissioning	Road 4200514 MP 1	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Decommissioning	Road 4200514 MP 1	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Decommissioning	Road 4200514 MP 1	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Decommissioning	Road 4200514 MP 1	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Decommissioning	Road 4200514 MP 1	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Decommissioning	Road 4200514 MP 1	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Decommissioning	Road 4200514 MP 1	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Decommissioning	Road 4200514 MP 1	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Decommissioning	Road 8117470 MP 0.7	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Decommissioning	8810719 Road Decommissioning	Mt. Adams Ranger District	29	Skamania
Decommissioning	8810717 Road decommissioning	Mt. Adams Ranger District	29	Skamania
Decommissioning	8031022 Road Decommission	Mt. Adams Ranger District	29	Skamania
Decommissioning	8031022 Road Decommission	Mt. Adams Ranger District	29	Skamania
Decommissioning	8860030 Road Decommissioning	Mt. Adams Ranger District	29	Skamania
Decommissioning	8800140 Road Decommission	Mt. Adams Ranger District	29	Skamania
Decommissioning	8800141 Road Decommission	Mt. Adams Ranger District	29	Skamania
Decommissioning	8810705 Road Decommissioning	Mt. Adams Ranger District	29	Skamania
Decommissioning	8800120 Road Decommissioning	Mt. Adams Ranger District	29	Skamania
Decommissioning	8810071 Road Decommissioning	Mt. Adams Ranger District	29	Skamania
Decommissioning	8800757 Road Decommission	Mt. Adams Ranger District	29	Skamania
Decommissioning	2400020 Road Decommissioning	Mt. Adams Ranger District	29	Skamania
Decommissioning	2420051 Road Decommissioning	Mt. Adams Ranger District	29	Skamania
Decommissioning	Road 8600-130 Decommission	Mt. Adams Ranger District	29	Skamania
Decommissioning	Road 8600-141 Decommission	Mt. Adams Ranger District	29	Skamania

Type	Name	Sponsor	WRIA	County(s)
Decommissioning	Road 86--132 Decommission	Mt. Adams Ranger District	29	Skamania
Decommissioning	6050000 Road Decommissioning	Mt. Adams Ranger District	29	Skamania
Decommissioning	6050000 Road Decommissioning	Mt. Adams Ranger District	29	Skamania
Decommissioning	6050000 Road Decommissioning	Mt. Adams Ranger District	29	Skamania
Decommissioning	6050060 Road Decommission	Mt. Adams Ranger District	29	Skamania
Decommissioning	6057047 Road Decommissioning	Mt. Adams Ranger District	29	Skamania
Decommissioning	6057047 Road Decommissioning	Mt. Adams Ranger District	29	Skamania
Decommissioning	6701158 Road Decommissioning	Mt. Adams Ranger District	29	Skamania
Decommissioning	Road 6200043 Decommission	Mt. Adams Ranger District	29	Skamania
Decommissioning	Road 6200087 Decommission	Mt. Adams Ranger District	29	Skamania
Decommissioning	6701126 Road decommissioning	Mt. Adams Ranger District	29	Skamania
Decommissioning	6701156 Road decommissioning	Mt. Adams Ranger District	29	Skamania
Decommissioning	Road 3056105	Mt. Adams Ranger District	29	Skamania
Decommissioning	Road 6401219 Decommission	Mt. Adams Ranger District	29	Skamania
Decommissioning	Road 6401605 Decommission	Mt. Adams Ranger District	29	Skamania
Decommissioning	Road 30 non-system decommission	Mt. Adams Ranger District	29	Skamania
Decommissioning	Road 6700146 Decommission	Mt. Adams Ranger District	29	Skamania
Decommissioning	6000034 Road Decommissioning	Mt. Adams Ranger District	29	Skamania
Decommissioning	Road 6000035 Decommissioning	Mt. Adams Ranger District	29	Skamania
Decommissioning	Road 6052037 Decommission	Mt. Adams Ranger District	29	Skamania
Decommissioning	Road 6052630 decommission	Mt. Adams Ranger District	29	Skamania
Decommissioning	Road 6707600 Decommission	Mt. Adams Ranger District	29	Skamania
Decommissioning	Upper Trout Ck Roads	USFS Eng	29	Skamania
Decommissioning	Decommissioning in Key (95.11.03)	USFS Eng	29	Skamania
Decommissioning	Black Cr. Swamp Rd Decom	USFS Fish	29	Skamania
Decommissioning	Road 4101402 Oblit	USFS Fish	29	Skamania
Decommissioning	Rd 3100106 Decommissioning	USFS Hydro	29	Skamania
Decommissioning	Road 4101 Oblit	USFS Rec	29	Skamania
Decommissioning	Panther Cr. Rd Decomm.	USFS Rec	29	Skamania
Decommissioning	Mid Wind, Nine Mi., Eight Mi Rds	USFS Rec	29	Skamania
Decommissioning	Road 2360 Decommission	Wind River Ranger District	29	Skamania
Decommissioning	Road 2360-072	Wind River Ranger District	29	Skamania
Decommissioning	6053052 Road Decommissioning	Wind River Ranger District	29	Skamania
Decommissioning	6053 Road Decommissioning	Wind River Ranger District	29	Skamania
Decommissioning	Road 6000036 Decommissioning	Wind River Ranger District	29	Skamania
Decommissioning	6053051 Road Decommissioning	Wind River Ranger District	29	Skamania
Decommissioning	6053052 Road Decommissioning	Wind River Ranger District	29	Skamania
Decommissioning	6053053 Road Decommissioning	Wind River Ranger District	29	Skamania
Decommissioning	Road 6700142	Wind River Ranger District	29	Skamania

Type	Name	Sponsor	WRIA	County(s)
Decommissioning	Decommissioning Rd 4101403	Wind River Ranger District	29	Skamania
Decommissioning	Decommissioning Rd 4101402	Wind River Ranger District	29	Skamania
Decommissioning	Road 4101 Decommission	Wind River Ranger District	29	Skamania
Decommissioning	Road 4101 Decommission	Wind River Ranger District	29	Skamania
Decommissioning	Rd 4101401	Wind River Ranger District	29	Skamania
Decommissioning	Decommissioning Rd 4101401	Wind River Ranger District	29	Skamania
Decommissioning	Decommissioning Rd 4101401	Wind River Ranger District	29	Skamania
Decommissioning	Decommissioning Rd 4101404	Wind River Ranger District	29	Skamania
Decommissioning	Decommissioning 600033 Road	Wind River Ranger District	29	Skamania
Decommissioning	Decommissioning 6400203 Road	Wind River Ranger District	29	Skamania
Decommissioning	Decommission/Stormproof 6400203 Road	Wind River Ranger District	29	Skamania
Decommissioning	Decommission/Stormproof 6400203 Road	Wind River Ranger District	29	Skamania
Education	Gee Creek Implementation & Education/Information	Clark CD	multi	Clark
Education	District-wide Educational Out-Reach & Cost-Share Assistance	Clark CD	multi	Clark
Education	Stream Typing Training	LCFEG	multi	Multi
Education	Project Support and Educational Outreach	LCFEG	multi	Multi
Education	Project Support - Educational Stream Simulator	LCFEG	multi	Multi
Erosion Control	Landslide Stab (9 slides)	USFS Eng	29	Skamania
Erosion Control	Road 5400 (mp 8.1)	USFS Fish	29	Skamania
Erosion Control	H10 Road 3056 Reveg	USFS Hydro	29	Skamania
Erosion Control	Road 6401 Reveg	USFS Hydro	29	Skamania
Erosion Control	Road 5400 ID #8540	USFS Hydro	29	Skamania
Erosion Control	H7 Road 6063090 Reveg	USFS Hydro	29	Skamania
Erosion Control	J3 Tyee Springs	USFS Hydro	29	Skamania
Erosion Control	Road 68 Bear Cr. Slide, MP 16.2 Reveg	USFS Hydro	29	Skamania
Erosion Control - Structural	Steamboat/Rd 3200 revegetation	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Erosion Control - Structural	Steamboat/Rd 3200 revegetation	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Erosion Control - Structural	Steamboat/Rd 3200 revegetation	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Erosion Control - Structural	Steamboat/Rd 3200 revegetation	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Fish Passage Improvement	Trout Ck. Fish Ladder Aux. Flow	USFS Hydro	29	Skamania
Fish Passage Improvement	Trout Creek Fish Ladder	USFS Hydro	29	Skamania
Fish Passage Improvement	Traveling Screen/ Enclosure Mod	USFS Hydro	29	Skamania
Habitat	WIND RIVER WATERSHED - USFS	U.S. Forest Service: Brian Bair	29	Skamania
Habitat	WIND RIVER WATERSHED	Underwood CD	29	Skamania
Habitat	WIND RIVER WATERSHED - UCD	Underwood CD	29	Skamania

Type	Name	Sponsor	WRIA	County(s)
Habitat	WIND RIVER WATERSHED - WDF&W	WDFW	29	Skamania
Heavy Maintenance	25 road heavy maintenance, mp 39.9-46.7	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Heavy Maintenance	GMS Road Repair	Wind River Ranger District	29	Skamania
Instream	Yanzik Off-Channel Rearing Pond	LCFEG	28	Clark
Instream	Stabler Cut-Bank Rehabilitation	Underwood CD	29	Skamania
IN-STREAM	2002-LCQC-QUARTZ RESTORATION	Cowlitz Valley		Lewis
Instream- Riparian	Habitat Restoration	Cowlitz Wahkiakum CD	25/26	Cowlitz /Wahkiakum
Instream- Riparian	Upper Trout Creek Restoration	Underwood CD	29	Skamania
Interplanting	Clear Creek Riparian Planting RM 1	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Monitoring	Stream Temperature Gages	LCFEG	multi	multi
Monitoring	SW Washington Fisheries Research	South Sound Flyfishers		
Monitoring	Jewett Creek Macro- Invertebrate Monitoring	Underwood CD	29	Skamania
Nutrient	Toutle River Nutrient	WDFW	26	Cowlitz
Nutrient	Washougal River Nutrient	WDFW	28	Clark and Skamania
Nutrient	Toutle Nutrient Enhancement	Lower Columbia Flyfishers	26	Cowlitz
Passage	Morgan Creek at NE 174th St	Clark County Public Works	28	Clark
Passage	Baker Cr at Baker Cr Rd	Clark County Public Works	28	Clark
Passage	Coyote Cr at Washougal Hwy	Clark County Public Works	28	Clark
Passage	Winkler Cr at Borin Rd	Clark County Public Works	28	Clark
Passage	Larson Creek Fish Passage	LCFEG and CC Public Works	28	Clark
Passage	Kenyon Creek Passage	WDFW	27	Clark
Passage	Junction 101 to West Valley Creek (SR 4)		25	Wahkiakum
Passage	Jewett Creek Culvert Replacement (SR 14)		29	Klickitat
Passage	Pond/Ladder Rehabilitation	LCFEG	multi	multi
Passage	Culvert Replacement Longview Fibre	LCFEG	multi	multi
Rehabiliate Dispersed Recreation Site	East Fork Lewis River Dispersed Camp Res	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Rehabiliate Dispersed Recreation Site	East Fork Lewis River Dispersed Camp Res	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Rehabiliate Dispersed Recreation Site	East Fork Lewis River Dispersed Camp Res	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Rehabiliate Dispersed Recreation Site	East Fork Lewis River Dispersed Camp Res	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Rehabiliate Dispersed Recreation Site	East Fork Lewis River Dispersed Camp R&R	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Rehabiliate Dispersed Recreation Site	East Fork Lewis River Dispersed Camp Res	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Rehabiliate Dispersed Recreation Site	East Fork Lewis River Dispersed Camp Res	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Rehabiliate Dispersed Recreation Site	East Fork Lewis River Dispersed Camp Res	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Rehabiliate Dispersed Recreation Site	East Fork Lewis River Dispersed Camp Res	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Rehabiliate Dispersed Recreation Site	East Fork Lewis River Dispersed Camp Res	Mt St Helens Natl Volcanic Monument	26	Cowlitz

Type	Name	Sponsor	WRIA	County(s)
Rehabilitate Dispersed Recreation Site	East Fork Lewis River Dispersed Camp Res	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Rehabilitate Dispersed Recreation Site	East Fork Lewis River Dispersed Camp Res	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Research & Evaluation	WIND RIVER WATERSHED - USGS	U.S. Geological Survey; Pat Connally	29	Skamania
Restore Habitat Complexity	Rush Creek In-Stream Structures	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Restore Habitat Complexity	East Fork, Lewis River Fish Habitat Res	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Restore Habitat Complexity	Upper East Fork, Lewis River Habitat Res	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Restore Habitat Complexity	Slide Creek Fish Hab Rest	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Restore Habitat Complexity	Green Fork Fish Hab Restor	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Restore Habitat Complexity	Dry Creek Restoration	Wind River Ranger District	29	Skamania
Restore Habitat Complexity	Mining Reach Restoration V-1	Wind River Ranger District	29	Skamania
Restore Habitat Complexity	Trout/Layout Confluence, Fish I-5	Wind River Ranger District	29	Skamania
Restructure floodplain or channel	Trout Lake Creek Restoration	Mt. Adams Ranger District	29	Skamania
Restructure floodplain or channel	Trout Lake Creek Restoration	Mt. Adams Ranger District	29	Skamania
Restructure floodplain or channel	Trout Creek Phase IV	Mt. Adams Ranger District	29	Skamania
Restructure floodplain or channel	Trout Creek Phase IV	Mt. Adams Ranger District	29	Skamania
Restructure floodplain or channel	Wind River Mining Reach	Wind River Ranger District	29	Skamania
Restructure floodplain or channel	Wind River Mining Reach	Wind River Ranger District	29	Skamania
Restructure floodplain or channel	Wind River Middle Reach	Wind River Ranger District	29	Skamania
Revegetation	Lower Tillicum Creek revegetation	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Revegetation	Rd 2586 Landflow #2	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Revegetation	Rd 2586 Landflow #2	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Revegetation	Rd 2586 Landflow #3	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Revegetation	Rd 2586 Landflow #3	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Revegetation	Rd 2586 Landflow #1	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Revegetation	Rd 2586 Landflow #1	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Revegetation	Road 5400000 MP 17.25-18.5, revegetation	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Revegetation	Road 5400000 MP 17.25-18.5, revegetation	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Revegetation	Road 5400000 MP 17.25-18.5, revegetation	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Revegetation	Road 5400000 MP 17.25-18.5, revegetation	Mt St Helens Natl Volcanic Monument	26	Cowlitz

Type	Name	Sponsor	WRIA	County(s)
Revegetation	Road 5400000 MP 17.25-18.5, revegetation	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Revegetation	Road 5400000 MP 17.25-18.5, revegetation	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Revegetation	Road 5400000 MP 17.25-18.5, revegetation	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Revegetation	Road 5400000 MP 17.25-18.5, revegetation	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Revegetation	Road 5400000 MP 17.25-18.5, revegetation	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Revegetation	Road 54 MP 29.6- log crib revegetation	Mt St Helens Natl Volcanic Monument	26	Lewis/Cowlitz
Revegetation	TLC Road Decom Planting--Rd 8800-120	Mt. Adams Ranger District	29	Skamania
Revegetation	TLC Road Decom Planting--Rd 8800-140	Mt. Adams Ranger District	29	Skamania
Revegetation	TLC Road Decom Planting--Road 8810-071	Mt. Adams Ranger District	29	Skamania
Revegetation	Road 4100 Decom Planting	Mt. Adams Ranger District	29	Skamania
Riparian	Conservation Reserve Enhancement Program	Clark CD	multi	Clark
Riparian	Conservation Reserve Enhancement Program	Clark CD	multi	Clark
Riparian	Conservation Reserve Enhancement Program	Cowlitz CD	multi	Cowlitz
Riparian	Conservation Reserve Enhancement Program	Cowlitz CD	multi	Cowlitz
Riparian	2002-LCCF-RD76	Cowlitz Valley	26	Lewis
Riparian	2002-UCCR-ORRCREEK	Cowlitz Valley		Skamania
Riparian	2002-UCMF-KEENES HORSE CAMP	Cowlitz Valley		Skamania
Riparian	2002-UCCC-WESLEY CREEK	Cowlitz Valley		Skamania
Riparian	2002-UCCC-WESLEY CREEK	Cowlitz Valley		Skamania
Riparian	Streamside Plant Material	LCFEG	multi	multi
Riparian	Plant Materials	LCFEG	multi	multi
Riparian	Bingham Farm Project	LCFEG	multi	multi
Riparian	Fencing Materials	LCFEG	multi	multi
Riparian	Fencing Material	LCFEG	multi	multi
Riparian	Salmon Creek Restoration	LCFEG	28	Clark
Riparian	Little Washougal Restoration Project	LCFEG	28	Clark
Riparian	Kent Martin	Wahkiakum CD	25	Wahkiakum
Riparian- Instream	Salmon Creek	USACE	27	Clark
Riparian- Passage	Steigerwald Lake	USACE	28	Clark
Road Bridge Work	Puny Creek Bridge Replacement	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Road Damage Repair	Road 9000000 MP 45.7	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Road Damage Repair	3200 Rd & Poison Creek	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Road Damage Repair	3200 Rd & Poison Creek	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Road Damage Repair	Road 8871000 MP 3.4	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Road Damage Repair	9341 clean culverts, add debris racks	Mt St Helens Natl Volcanic Monument	26	Cowlitz

Type	Name	Sponsor	WRIA	County(s)
Road Damage Repair	Road 9300990 MP 0	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Road Damage Repair	9346 clean culverts	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Road Damage Repair	9388 clean culverts	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Road Damage Repair	9388080 clean culverts	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Road Damage Repair	Road 9039 MP0.5	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Road Damage Repair	Road 3103155 MP 0.3	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Road Damage Repair	Road 2500000 MP 13.5	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Road Damage Repair	Road 2562000 MP 3.4	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Road Damage Repair	Road 2562000 MP 3.9	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Road Damage Repair	Road 6403230 MP 0.8	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Road Damage Repair	Road 5400000 MP 19.1	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Road Damage Repair	Road 9900000 MP 17.8	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Road Damage Repair	Road 9900000 MP 18.4	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Road Damage Repair	Road 9900000 MP 18.1	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Road Damage Repair	Road 9900 MP 17.1	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Road Damage Repair	Road 9900 MP 17.4	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Road Damage Repair	Road 9900000 MP 16.45	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Road Damage Repair	Road 8300000 MP 3.4	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Road Damage Repair	Road 8303000 MP 0.9	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Road Damage Repair	Road 8300000 MP ??	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Road Damage Repair	83 road deep patch? Repair	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Road Damage Repair	Road 5700000 MP 8.2	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Road Damage Repair	Road 5700000 MP 5.74	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Road Damage Repair	Road 4200000 MP 18.2	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Road Damage Repair	Road 5050 MP 2.9	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Road Damage Repair	Road 5050 MP 2.6	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Road Damage Repair	Road 8117000 MP 1.5	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Road Damage Repair	Road 8117000 MP 1.5	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Road Damage Repair	Road 8117000 MP 3.2	Mt St Helens Natl Volcanic Monument	26	Cowlitz

Type	Name	Sponsor	WRIA	County(s)
Road Damage Repair	Road 8117000 MP 3.7	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Road Damage Repair	Road 8117000 MP 3.8	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Road Damage Repair	81 road ditch repair	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Road Realignment/Improvement	3200-400 Landing Rehabilitation	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Road Realignment/Improvement	3200-400 Landing Rehabilitation	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Road Realignment/Improvement	3200-400 Landing Rehabilitation	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Road Realignment/Improvement	3200-400 Landing Rehabilitation	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Road Realignment/Improvement	2480 road reconstruction	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Road Realignment/Improvement	Trail D Quarry Rehabilitation	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Road Realignment/Improvement	Smith Creek Trail Bridge	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Road Realignment/Improvement	Smith Creek Trail Bridge	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Road Realignment/Improvement	Road 5400000 MP 15.9	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Road Realignment/Improvement	Road 8300000 MP 3	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Road Realignment/Improvement	Road 5400000 MP 26	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Road Storm proof/Weatherization	93 Road fill repair	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Road Storm proof/Weatherization	90 Road-Lower Falls Campground	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Road Storm proof/Weatherization	93 Road fill repair	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Road Storm proof/Weatherization	Road 9039-310	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Road Storm proof/Weatherization	Road 9039-310	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Road Storm proof/Weatherization	9039 road weatherization	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Road Storm proof/Weatherization	9039 road weatherization	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Road Storm proof/Weatherization	9039 road weatherization	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Road Storm proof/Weatherization	9039 road weatherization	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Road Storm proof/Weatherization	9039310 Waterbar	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Road Storm proof/Weatherization	Road 2560 Stormproofing	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Road Storm proof/Weatherization	Road 2562 Stormproofing	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Road Storm proof/Weatherization	Road 2562 Stormproofing	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Road Storm proof/Weatherization	8300 Road - Pine Creek	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Road Storm proof/Weatherization	8322 road relief culverts	Mt St Helens Natl Volcanic Monument	26	Cowlitz

Type	Name	Sponsor	WRIA	County(s)
Road Storm proof/Weatherization	25 road stormproofing/maintenance	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Road Storm proof/Weatherization	Road 4200 Stormproofing	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Road Storm proof/Weatherization	4220 road stormproofing/maintenance	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Road Storm proof/Weatherization	90 road just east of the Canal Bridge	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Road Storm proof/Weatherization	81 Road ditch repair	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Road Storm proof/Weatherization	Road 4205517 Stormproofing	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Road Storm proof/Weatherization	4211539 Road Decommissioning	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Road Storm proof/Weatherization	4211539 Road Decommissioning	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Road Storm proof/Weatherization	4211539 Road Decommissioning	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Road Storm proof/Weatherization	Road 4100 Stormproofing	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Road Storm proof/Weatherization	Road 4104000 Stormproofing	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Road Storm proof/Weatherization	Road 4205518 Stormproofing	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Road Storm proof/Weatherization	Road 4205524 Stormproofing	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Road Storm proof/Weatherization	4211 Road stormproofing	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Road Storm proof/Weatherization	4217 road stormproofing/maintenance	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Road Storm proof/Weatherization	53 road stormproofing/maintenance	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Road Storm proof/Weatherization	53 road relief culverts/stormproofing	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Road Storm proof/Weatherization	53 road relief culverts/stormproofing	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Road Storm proof/Weatherization	Road 4205 Stormproofing	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Roads-to-Trails	9300240 Road Decommissioning	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Roads-to-Trails	9300240 Road Decommissioning	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Roads-to-Trails	Rd 6403216 Road Decommissioning	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Roads-to-Trails	Rd 6403216 Road Decommissioning	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Streamside Revegetation	Road 9343000 MP 0.25, Straight Ck reveg	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Streamside Revegetation	Road 9300-920 revegetation	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Streamside Revegetation	Road 9300-920 revegetation	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Streamside Revegetation	Road 2573 , mp 5.0	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Streamside Revegetation	Middle Lewis River Landslides	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Streamside Revegetation	Middle Lewis River Landslides	Mt St Helens Natl Volcanic Monument	26	Cowlitz

Type	Name	Sponsor	WRIA	County(s)
Streamside Revegetation	Middle Lewis River Landslides	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Streamside Revegetation	Middle Lewis River Landslides	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Streamside Revegetation	Road 9308, segment 01b, revegetation	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Streamside Revegetation	Pepper Creek bank erosion	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Streamside Revegetation	Rd 9303000 revegetation	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Streamside Revegetation	9300070 Road Decommissioning	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Streamside Revegetation	9300193 road decommissioning	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Streamside Revegetation	Road 9039-650, revegetation	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Streamside Revegetation	9039-384, revegetation	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Streamside Revegetation	Road 9039-653, revegetation	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Streamside Revegetation	Road 9039-430, revegetation	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Streamside Revegetation	Road 9039380 MP 0.4	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Streamside Revegetation	Rd 9039381, revegetation	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Streamside Revegetation	Rd 9310000 revegetation	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Streamside Revegetation	Road 9312, segment 01b, revegetation	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Streamside Revegetation	Clearwater Creek 9614-5	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Streamside Revegetation	Clearwater Creek 9614-6	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Streamside Revegetation	Rd 2586440 revegetation	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Streamside Revegetation	Road 9039-624, segment 01B, revegetation	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Streamside Revegetation	Road 5400000 MP 19.1, revegetation	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Streamside Revegetation	3700527 revegetation	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Streamside Revegetation	5800000 revegetation	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Streamside Revegetation	East Fork Riparian Rehabilitation	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Streamside Revegetation	Road 8117080 MP 0.1 revegetation	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Study	Jones Creek	Clark County Public Works	28	Clark
Study	Multi-WRIA	Cowlitz Wahkiakum CD	Multi	Cowlitz/ Wahkiakum
Study	Water Resource Inventory	LCFEG	Multi	Multi
Study	Culvert Survey	LCFEG	multi	multi
Study	Project Support - Habitat Inventory	LCFEG	multi	multi
Study	Regional Culvert Inventory	LCFEG, 3 CD's	Multi	Multi
Study	Lower Columbia Limiting Factors Analysis	LCFRB Cooperative	Multi	Multi
Study	Multi-WRIA	Lewis County Public Works	Multi	Lewis
Study	Skamania County Aquatic	Skamania County PW	Multi	Skamania

Type	Name	Sponsor	WRIA	County(s)
	Weed Plan			
Study	WRIA 29 Watershed Planning	Skamania County PW	29	Skamania & Klickitat
Study	Stabler Water Quality & Quantity Study	Skamania County PW	29	Skamania
Study	Hemlock Dam Assessment	Underwood CD	29	Skamania
Study	National Estuary Program	USACE	N/A	N/A
Study	Lower Columbia River Ecosystem Restoration	USACE	Multi	N/A
Study	Lower Columbia River Estuary Habitat Mapping	USACE	Multi	N/A
Study	Wind River Watershed Research	USGS; Patrick Connaly	29	Skamania
Study	Wind River Habitat Research	WDFW	29	Skamania
Study	County Wide Culvert Inventory		27,28	Clark
Study	Predesign for HWY/99 Falls		28	Clark
Study- Restoration	Watershed Plan and Restoration	Cowlitz Wahkiakum CD		Cowlitz/ Wahkiakum
Unknown	Partnerships for Water Quality	Clark CD	multi	Clark
Unknown	Landowner Technical Assistance/Implementation Project	Cowlitz CD	multi	Cowlitz
Unknown	Landowner Technical Assistance/Implementation Project	Cowlitz CD	multi	Cowlitz
Upland	Western Grey Squirrel Ecology Study		multi	multi
Upland	Dairy Nutrient Mgmt.	Clark CD	multi	Clark
Upland	SMALL FARM WATER QUALITY IMPROVEMENT	Clark CD	multi	Clark
Upland	UST Clark Co	Clark Co Public Works Department	28	Clark
Upland	CPG Clark Co 96	Clark Co Public Works Department	27	Clark
Upland	CPG Clark Co 2000	Clark Co Public Works Department	27	Clark
Upland	Clark County 1996	Clark County	multi	Clark
Upland	Clark County 1997	Clark County	multi	Clark
Upland	Clark County 2000 Compliance	Clark County	multi	Clark
Upland	CPG Clark Co 98	Clark County	multi	Clark
Upland	Cowlitz BMP Implementation	Cowlitz CD	multi	Cowlitz
Upland	SWE Cowlitz Co 2000	Cowlitz County	multi	Cowlitz
Upland	Cowlitz Co: Lewis River Levee Repair	Cowlitz County	multi	Cowlitz
Upland	CPG Cowlitz Co 96	Cowlitz County	multi	Cowlitz
Upland	CPG Cowlitz Co 98	Cowlitz County	multi	Cowlitz
Upland	SWE Cowlitz HD 96	Cowlitz County Health Department	multi	Cowlitz
Upland	SWE Cowlitz HD 98	Cowlitz County Health Department	multi	Cowlitz
Upland	CPG Cowlitz Co 2000	Cowlitz County Public Works Dept	multi	Cowlitz
Upland	Road Abandonment	DNR	multi	multi
Upland	Road Abandonment	DNR	multi	multi
Upland	Road Abandonment	DNR	multi	multi
Upland	Road Abandonment	DNR	multi	multi
Upland	Road Abandonment	DNR	multi	multi
Upland	Road Abandonment	DNR	multi	multi
Upland	Road Abandonment	DNR	multi	multi
Upland	Road Abandonment	DNR	multi	multi
Upland	Road Abandonment	DNR	multi	multi
Upland	Road Abandonment	DNR	multi	multi
Upland	Road Abandonment	DNR	multi	multi

Type	Name	Sponsor	WRIA	County(s)
Upland	Road Abandonment	Weyerhaeuser	multi	multi
Upland	Road Abandonment	Weyerhaeuser	multi	multi
Upland	Road Abandonment	Weyerhaeuser	multi	multi
Upland	Road Abandonment	Weyerhaeuser	multi	multi
Upland	Road Abandonment	Weyerhaeuser	multi	multi
Upland	Road Abandonment	Weyerhaeuser	multi	multi
Upland	Road Abandonment	Weyerhaeuser	multi	multi
Upland	Road Abandonment	Weyerhaeuser	multi	multi
Upland	Road Abandonment	Weyerhaeuser	multi	multi
Upland	Road Abandonment	Weyerhaeuser	multi	multi
Upland	Road Abandonment	Weyerhaeuser	multi	multi
Varies	Columbia River Channel Improvement	USACE	multi	Varies
Weed Control	SSC Noxious Weed Control	UCD	29	Skamania
Acquisition	Eagle Island	WDFW	27	Clark
Acquisition	Lewis River	WDFW	27	Clark
Acquisition	Vancouver Wetlands	WDFW	27	Clark
Acquisition	Vancouver Wetlands	WDFW	27	Clark
Acquisition- Restoration	Eagle Island Acquisition	Van/Clark County Park & Rec	27	Clark/ Skamania
Instream	Cedar Creek Bank Stabilization	LCFEG	26	Clark
Instream- Riparian	Malinowski Restoration	Fish First	27	Clark
Instream- Riparian	Doty Habitat Restoration (Cedar Creek)	Fish First	27	Clark
Instream- Riparian	DuPuis Chelatchie Creek Project	Fish First	27	Clark
Instream- Riparian	Swift-Killian-Sargent Cedar Crk. Project	Fish First	27	Clark
Instream- Riparian	Carter-Malinowski-Shimano Cedar Creek	Fish First	27	Clark
Instream- Riparian	Chelatchie Creek Restoration/Enhancement	Fish First	27	Clark
Instream- Riparian	Price Dairy Restoration	Fish First	27	Clark
Instream- Riparian	Pigeon Springs	Fish First	27	Clark
Monitoring	EF Lewis River Riparian Restoration Monitoring	Van/Clark County Park & Rec		Clark
Nutrient	Lewis River Nutrient Enhancement	Fish First	27	Clark/ Cowlitz
Nutrient	Lewis River Nutrient	WDFW	27	Clark
Passage	Cedar Cr @ Cedar Creek Rd	Clark County Public Works	27	Clark
Passage	Cedar Cr at Amboy Rd	Clark County Public Works	27	Clark
Passage	Johns Creek at Cedar Cr Rd	Clark County Public Works	27	Clark
Passage	Cedar Cr at Chelatchie RR	Clark County Public Works	27	Clark
Passage	Cedar Creek Trib at Cedar Cr Rd	Clark County Public Works	27	Clark
Passage	Lockwood Creek Culvert removal	Fish First	27	Clark
Research & Evaluation	EVALUATE LAMPREY HABITAT/POPULATION IN CEDAR CREEK	U.S. Geological Survey	27	Clark
Riparian	Van Breeman Riparian Restoration	Clark CD	27	Clark
Riparian	Lockwood Recovery Enhancement	Clark CD	27	Clark
Riparian	Cedar Creek Restoration	Clark CD	27	Clark
Riparian	Chelatchie Creek Restoration	Clark CD	27	Clark
Riparian	S. F. Chelatchie Creek Restoration	Clark CD	27	Clark
Riparian	Cedar Crk Riparian	Clark CD	27	Clark
Riparian	S. F. Chelatchie Creek	Clark CD/ Fish First	27	Clark

Type	Name	Sponsor	WRIA	County(s)
	Restoration			
Riparian	Belkoff Restoration	Fish First	27	Clark
Riparian	Lewis River Preserve	LCFRB	27	Clark
Riparian	Restoration 2002-LRLC-01-Lewis River riparian reserve planting RM70	Mt St Helens National Volcanic Monument	26	Skamania
Riparian	2002-LRLC-01-Lewis River riparian reserve planting RM70	Mt St Helens National Volcanic Monument	29	Skamania
Riparian	2002-LRLC-01-Lewis River riparian reserve planting RM70	Mt St Helens National Volcanic Monument	29	Skamania
Riparian	Bull Trout habitat improvement	Trout Unlimited; Jim Derry and USFWS; USFS	27	Clark
Riparian	East Fork Lewis Riparian Restoration	Van/Clark Park and Recreation	27	Clark
Riparian	Riparian Re-vegetation	Van/Clark Park and Recreation	27	Clark
Study	Lewis River	Clark CD	27	Clark
Study	Dean Creek	Clark County Public Works	27	Clark
Study	Riley Creek	Clark County Public Works	27	Clark
Study	Cedar Creek #3	Clark County Public Works	27	Clark
Study	EF Lewis River Assessment	Friends of the East Fork	27	Clark
Study	Evaluate Lamprey Habitat/Population in Cedar Creek	USFWS; Tavis Coley	27	Clark
Study	EF Lewis River Watershed Assessment	WDFW		Clark
Supplementation	Lake Merwin Net Pens	Fish First	27	Clark
Supplementation	Echo Park Net Pens	Fish First	27	Clark
Supplementation	Lewis River Net Pens	Fish First	27	Clark/ Cowlitz
Supplementation	Lewis River Net Pens	LCFEG	multi	multi
Upland	Lewis River Lowlands	Clark County Parks Dept	27	Clark
Upland	Road Abandonment	PacifiCorp	27	Clark
Upland	Wastewater Treatment Plant (WWTP) Improvements	Woodland	27	Cowlitz
Upland	EMERGENCY POWER AND ALARM SYSTEM	WOODLAND CITY OF	27	Clark, Cowlitz
Upland	LIFT STATION FLOOD DAMAGE REPAIRS	WOODLAND CITY OF	27	Clark, Cowlitz
Upland	Woodland CFHMP	WOODLAND CITY OF	27	Clark, Cowlitz
Upland	CPG Woodland 99	Woodland City of	27	Clark, Cowlitz
Acquisition	Vancouver Wetlands	WDFW	27	Clark
Acquisition	Vancouver Wetlands	WDFW	27	Clark
Acquisition	Columbia River 1&2	WDFW	27	Clark
Acquisition	Columbia River 1&2	WDFW	27	Clark
Acquisition	Vancouver Wetlands	WDFW	27	Clark
Acquisition	BPA Vancouver	WDFW	27	Clark
Acquisition	BPA Vancouver	WDFW	27	Clark
Acquisition	Duck Lake/Clark Co.	WDFW	27	Clark
Acquisition / Wetland / Instream	Thurston Way Interchange (SR 500)		28	Clark
Acquisition / Wetland Mitigation	Andresen Road Interchange (SR 500)		28	Clark
Acquisition / Wetland Mitigation	Burnt Bridge Creek to Ne 78th Street (I-5)		28	Clark
Riparian	Flume/ Whipple Creek restoration	Clark CD	28	Clark
Riparian	Riparian Re-vegetation	Clark Public Utilities	28	Clark
Riparian	Gee Creek Restoration	LCFEG	27	Clark

Type	Name	Sponsor	WRIA	County(s)
Riparian	Burnt Bridge Creek Riparian Enhancement	Vancouver City of	28	Clark
Riparian	Burnt Bridge Creek Restoration	Watershed Stewards	28	Clark
Upland	Sanitary Sewer Inflow and Infiltration Reduction	Battle Ground	28	Clark
Upland	Wintler Park Trail	City of Vancouver	28	Clark
Upland	Multi-family housing waste reduction pilot project	Clark Co Haz Waste Citizen Task Force	27	Clark
Upland	WILDWOOD LINE SLOPE FAILURE	Hazel Dell Sewer District	27	Clark
Upland	Hockinson Pump Station and Pressure Main	Hazel Dell Sewer District	28	Clark
Upland	Lake River Site BF 97	Ridgefield Port of	27	Clark
Upland	Lake River Site BF 98	Ridgefield Port of	27	Clark
Upland	Pacific Wood Treating site	Ridgefield Port of	27	Clark
Riparian	2002-LRAC -Alec Creek riparian planting	Mt St Helens National Volcanic Monument	27	Skamania
Riparian	2002-MRCC-Clearwater Creek riparian planting	Mt St Helens National Volcanic Monument	26	Skamania
Riparian	2002-EFCC-Copper Creek riparian reserve planting	Mt St Helens National Volcanic Monument	27	Skamania
Riparian	2002-EFCC-Copper Creek riparian reserve planting	Mt St Helens National Volcanic Monument	27	Skamania
Riparian	2002-EFHE-Green Fork riparian planting	Mt St Helens National Volcanic Monument	27	Skamania
Supplementation	S.F. Toutle Rearing Facility Improvement Project	LCFEG	26	Cowlitz
Supplementation	Waterline Replacement SFK Toutle River Project	LCFEG	26	Cowlitz
Thinning	Snagtooth Young Stand Thin	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Thinning	Snagtooth Young Stand Thin	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Thinning	Straight /Platinum Young Stand Thin	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Thinning	Straight /Platinum Young Stand Thin	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Thinning	Riparian precommercial thin	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Thinning	Riparian precommercial thin	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Thinning	Riparian precommercial thin	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Thinning	Riparian precommercial thin	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Thinning	Riparian precommercial thin	Mt St Helens Natl Volcanic Monument	26	Cowlitz
Study	Washougal Assessment	LCFRB	28	Clark/ Skamania
Upland	ADDITIONAL SECONDARY CLARIFIER	CAMAS CITY OF	28	Clark
Upland	WASTEWATER TREATMENT PLANT UPGRADE	CAMAS CITY OF	28	Clark
Upland	Wastewater Treatment Plant Upgrade (Design)	City of Camas	28	Clark
Upland	Wastewater Treatment Plant Upgrade	City of Camas	28	Clark
Upland	Sandy Swimming Hole	City of Washougal	28	Clark

Type	Name	Sponsor	WRIA	County(s)
Upland	97 Dairy Waste Management Grant	Clark CD	multi	Clark
Upland	CFHMP	WASHOUGAL CITY OF	28	Clark
Upland	WASTEWATER TREATMENT PLANT IMPROVEMENTS	WASHOUGAL CITY OF	28	Clark
Upland	WASTEWATER TREATMENT PLANT UPGRADE	WASHOUGAL CITY OF	28	Clark
Upland	Road Abandonment	Weyerhaeuser	multi	multi
Bridge Repair	Falls & Dry Cr. Trail Bridges	USFS Fish	29	Skamania
Decommissioning	Dry Cr Roads, 65202-3	USFS Eng	29	Skamania
Riparian	2002-UCEC-EAST CANYON #2	Cowlitz Valley		Skamania
Riparian	2002-WRDC -Wind River Mine Reach / Dry Creek Riparian Thinning and under planting	Mt Adams	26	Skamania
Riparian	2002-WRDC -Wind River Mine Reach / Dry Creek Riparian Thinning and under planting	Mt Adams	26	Skamania
Riparian	2002-WRDC -Wind River Mine Reach / Dry Creek Riparian Thinning and under planting	Mt Adams	26	Skamania
Riparian	2002-WRDC -Wind River Mine Reach / Dry Creek Riparian Thinning and under planting	Mt Adams	26	Skamania
Riparian	2002-WRDC -Wind River Mine Reach / Dry Creek Riparian Thinning and under planting	Mt Adams	26	Skamania
Riparian	2002-WRDC -Wind River Mine Reach / Dry Creek Riparian Thinning and under planting	Mt Adams	26	Skamania
Riparian	2002-WRDC -Wind River Mine Reach / Dry Creek Riparian Thinning and under planting	Mt Adams	26	Skamania
Riparian	2002-WRDC -Wind River Mine Reach / Dry Creek Riparian Thinning and under planting	Mt Adams	26	Skamania
Riparian	2002-WRDC -Wind River Mine Reach / Dry Creek Riparian Thinning and under planting	Mt Adams	26	Skamania
Riparian	2002-WRTC-Wind WQRP-Trout Creek Plantings	Mt Adams	26	Skamania
Riparian	2002-WRTC-Wind WQRP-Trout Creek Plantings	Mt Adams	26	Skamania
Riparian	2002-WRTC-Wind WQRP-Trout Creek Plantings	Mt Adams	26	Skamania
Riparian	2002-WRTC-Wind WQRP-Trout Creek Plantings	Mt Adams	26	Skamania
Riparian	2002-WRDC -Wind River Mine Reach / Dry Creek Riparian Thinning and under planting	Mt Adams	26	Skamania
Riparian	2002-WRDC -Wind River Mine Reach / Dry Creek Riparian Thinning and under planting	Mt Adams	26	Skamania
Riparian	2002-LRST-Poison Creek riparian planting	Mt St Helens National Volcanic Monument	29	Skamania

Type	Name	Sponsor	WRIA	County(s)
Riparian	2002-LRST-Steamboat Creek riparian planting	Mt St Helens National Volcanic Monument	26	Skamania
Riparian	2002-LRAC-9328 RD Quarry Rehabilitation	Mt St Helens National Volcanic Monument	27	Skamania
Riparian	2002-LRAC-9328 RD Quarry Rehabilitation	Mt St Helens National Volcanic Monument	27	Skamania
Riparian	2002-LRAC-9328 RD Quarry Rehabilitation	Mt St Helens National Volcanic Monument	27	Skamania
Riparian	2002-LRAC-9328 RD Quarry Rehabilitation	Mt St Helens National Volcanic Monument	27	Skamania
Riparian	2002-LRAC-9328 RD Quarry Rehabilitation	Mt St Helens National Volcanic Monument	27	Skamania
Riparian	2002-EFHE-riparian planting Green Fork tributary	Mt St Helens National Volcanic Monument	27	Skamania
Riparian	2002-LRAC -Alec Creek riparian planting	Mt St Helens National Volcanic Monument	27	Skamania
Riparian	Conservation Reserve Enhancement Program	Underwood CD	29	Skamania
Riparian	Conservation Reserve Enhancement Program	Underwood CD	29	Skamania
Riparian	Conservation Reserve Enhancement Program	Underwood CD	29	Skamania
Riparian	Conservation Reserve Enhancement Program	Underwood CD	29	Skamania
Riparian	Sand Hill Road Landslides	Underwood CD	29	Skamania
Riparian	Price Property Reforestation and scotch broom control	Underwood CD	29	Skamania
Riparian	Sandberg Property Reforestation and Site preparation	Underwood CD	29	Skamania
Riparian	Martha Creek reforestation	Underwood CD	29	Skamania
Riparian	Jursik Property reforestation	Underwood CD	29	Skamania
Riparian	Wind River Habitat enhancement	Underwood CD	29	Skamania
Riparian	Wind River habitat restoration	USFS	29	Skamania
Riparian- Instream-Passage	Lena Lake	USACE	28	Skamania
Riparian Planting	Mining Reach Planting	Flood/BPA	29	Skamania
Riparian Planting	K2 Eightmile Cr Planting	USFS Bot	29	Skamania
Riparian Planting	G2 9-Mile Cr. Slide Rest	USFS Eng	29	Skamania
Riparian Planting	Mining Reach	USFS Fish	29	Skamania
Riparian Planting	Riparian Restoration (96.09.08)	USFS Fish	29	Skamania
Riparian Planting	Trout Creek Riparian Rehab	USFS Fish	29	Skamania
Riparian Planting	Layout Cr Riparian Rehab	USFS Fish	29	Skamania
Riparian Planting	Trout/Compass/Crater	USFS Fish	29	Skamania
Riparian Planting	G1 9-Mile Cr Slide Rest	USFS Fish	29	Skamania
Riparian Planting	K4 Panther Cr. Trib Slide Resto	USFS Rec	29	Skamania
Road Bridge Work	Trout Creek Bridge	Mt. Adams Ranger District	29	Skamania
Road Bridge Work	6500000 Rd Bridge Repair	Wind River Ranger District	29	Skamania
Road Bridge Work	Jammin Bridge Removal	Wind River Ranger District	29	Skamania
Road Damage Repair	Road 2300000 MP 36.6	Mt. Adams Ranger District	29	Skamania
Road Damage Repair	Road 2300000 MP 38.5	Mt. Adams Ranger District	29	Skamania
Road Damage Repair	Road 2300000 MP 38.5	Mt. Adams Ranger District	29	Skamania
Road Damage Repair	Road 8810000 MP 8.8	Mt. Adams Ranger District	29	Skamania
Road Damage Repair	Road 8810000 MP 10	Mt. Adams Ranger District	29	Skamania

Type	Name	Sponsor	WRIA	County(s)
Road Damage Repair	Road 8831020 MP 0.2	Mt. Adams Ranger District	29	Skamania
Road Damage Repair	Road 8831020 MP 2.9	Mt. Adams Ranger District	29	Skamania
Road Damage Repair	Road 8831 flood damage repair	Mt. Adams Ranger District	29	Skamania
Road Damage Repair	Road 6030000 MP 3.1	Mt. Adams Ranger District	29	Skamania
Road Damage Repair	Road 8500000 MP 3.4	Packwood Ranger District	29	Skamania
Road Damage Repair	Road 8500000 MP 3.6	Packwood Ranger District	29	Skamania
Road Damage Repair	Road 65 MP 6.7	Wind River Ranger District	29	Skamania
Road Damage Repair	Road 60 MP 1.5	Wind River Ranger District	29	Skamania
Road Damage Repair	Road 4200000 MP 0.6	Wind River Ranger District	29	Skamania
Road Damage Repair	Road 6000 MP 1.0	Wind River Ranger District	29	Skamania
Road Damage Repair	Road 6000000 MP 3.0	Wind River Ranger District	29	Skamania
Road Damage Repair	Road 6403230 MP 1.0	Wind River Ranger District	29	Skamania
Road Damage Repair	Road 54 MP 7.0	Wind River Ranger District	29	Skamania
Road Damage Repair	Road 5400000 MP 8.1	Wind River Ranger District	29	Skamania
Road Damage Repair	Road 4200514 MP 0.1	Wind River Ranger District	29	Skamania
Road	8040500 Reconstruction	Mt. Adams Ranger District	29	Skamania
Realignment/Improvement				
Road	8040500 Reconstruction	Mt. Adams Ranger District	29	Skamania
Realignment/Improvement				
Road	8040500 Reconstruction	Mt. Adams Ranger District	29	Skamania
Realignment/Improvement				
Road	8040 Reconstruction	Mt. Adams Ranger District	29	Skamania
Realignment/Improvement				
Road	8040 Reconstruction	Mt. Adams Ranger District	29	Skamania
Realignment/Improvement				
Road	8040 Reconstruction	Mt. Adams Ranger District	29	Skamania
Realignment/Improvement				
Road	8040 Reconstruction	Mt. Adams Ranger District	29	Skamania
Realignment/Improvement				
Road	Road 5704000 MP 1.5	Wind River Ranger District	29	Skamania
Realignment/Improvement				
Road	Road 4205542 MP 0.34	Wind River Ranger District	29	Skamania
Realignment/Improvement				
Road Storm proof/Weatherization	Road 2360080 MP 1.3	Mt. Adams Ranger District	29	Skamania
Road Storm proof/Weatherization	6048000 Stormproofing	Wind River Ranger District	29	Skamania
Road Storm proof/Weatherization	3103155 Stormproofing	Wind River Ranger District	29	Skamania
Road Storm proof/Weatherization	3070 stormproofing	Wind River Ranger District	29	Skamania
Road Storm proof/Weatherization	4100000 Stormproofing	Wind River Ranger District	29	Skamania
Road Storm proof/Weatherization	4200000 Stormproofing	Wind River Ranger District	29	Skamania
Road Storm proof/Weatherization	4300000 Stormproofing	Wind River Ranger District	29	Skamania
Road Storm proof/Weatherization	5400000 Stormproofing	Wind River Ranger District	29	Skamania
Road Storm proof/Weatherization	6500075 Stormproofing	Wind River Ranger District	29	Skamania
Road Storm proof/Weatherization	4100000 Road Stormproofing	Wind River Ranger District	29	Skamania
Road Storm proof/Weatherization	4100000 Road Stormproofing	Wind River Ranger District	29	Skamania
Road Storm proof/Weatherization	4100000 Road Stormproofing	Wind River Ranger District	29	Skamania
Road Storm proof/Weatherization	3400600 Stormproofing	Wind River Ranger District	29	Skamania

Type	Name	Sponsor	WRIA	County(s)
Road Storm proof/Weatherization	4200418	Wind River Ranger District	29	Skamania
Road Storm proof/Weatherization	4200422 Stormproofing	Wind River Ranger District	29	Skamania
Road Storm proof/Weatherization	4200426 Stormproofing	Wind River Ranger District	29	Skamania
Road Storm proof/Weatherization	4309000 Stormproofing	Wind River Ranger District	29	Skamania
Roads-to-Trails	8031023 Road to Trail	Mt. Adams Ranger District	29	Skamania
Roads-to-Trails	8031023 Road to Trail	Mt. Adams Ranger District	29	Skamania
Roads-to-Trails	4100 Rd Decommissioning	Wind River Ranger District	29	Skamania
Roads-to-Trails	4100405 Rd Decommissioning	Wind River Ranger District	29	Skamania
Slide Restoration	A1 Paradise Slide #1	USFS Fish	29	Skamania
Slide Restoration	A2 Paradise Slide #2	USFS Fish	29	Skamania
Slide Restoration	Compass Cr Slide Rehab	USFS Fish	29	Skamania
Slide Restoration	Panther Cr. Slide Stabilization	USFS Fish	29	Skamania
Slide Restoration	K3 Eightmile Cr Bank Prot	USFS Fish	29	Skamania
Slide Restoration	Mouse Cr. Stabilization	USFS Fish	29	Skamania
Stabilization	General Storm Proofing	USFS Eng	29	Skamania
Stabilization	GMS Road Repair	USFS Fish	29	Skamania
Stabilization	Wind River Rd Stormproffing	USFS Fish	29	Skamania
Streamside/ In-channel Structure Repair	Panther BankGabion Removal, Fish Q2	Wind River Ranger District	29	Skamania
Trail Repair	-1 Trail Damage Repair (Dry & Big Hollow)	USFS Eng	29	Skamania
Unknown	Water Quality Implementation	Underwood CD	29	Skamania
Unknown	Water Quality Implementation	Underwood CD	29	Skamania
Unknown	1999-2001 Water Quality Implementation Project	Underwood CD	29	Skamania
Unknown	1999-2001 Water Quality Implementation Project	Underwood CD	29	Skamania
Trail Bridge Work	Morrison Creek Trail Bridge	Mt. Adams Ranger District	29	Skamania
Study	Western Pond Turtle Research			
Upland	Table Mountain NRCA	DNR		
Upland	Table Mountain NRCA	DNR		
Upland	Road Abandonment	Hanson Natural Resources		
Upland	Road Abandonment	Hanson Natural Resources		
Upland	Road Abandonment	Lincoln Timber Co		
Upland	Road Abandonment	Mooers-Murdock Tree Farm		
Upland	Road Abandonment	Pope Reosurces		

Table 2. Programs by Factors and Subbasins

Agency	Program	Sub Program	Hatchery	Hydro	Harvest	Habitat	Estuary	Ecological	Upper Cowlitz	Lower Cowlitz	Toutle	Coweeman	Grays	Elochoman-Skamakowa	Mill-Germany-Abernathy	Kalama	Upper NF Lewis	Lower NF Lewis	EF Lewis	Salmon	Washougal	Lower Gorge	Upper Gorge	Estuary, Mainstem
NOAA	ESA	Section 4(d)				X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
NOAA	ESA	Section 7	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
NOAA	ESA	Section 10				X			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
NOAA	Funding/Grants					X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
NOAA	Harvest				X				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
NOAA	Hatcheries Refuge Management		X						X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
USFWS		Partners for Fish and Wildlife				X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
USFWS	Funding Grants HCP (ESA Section10)	Contaminants Program				X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
USFWS	Forest Plan Implementation																							
USFS GP	NW Forest Plan Watershed Planning					X			X	X	X	X				X	X	X	X		X	X	X	
USFS GP	National Scenic Act	Grading/Clearing				X			X	X	X	X				X	X	X	X		X	X	X	
BPA/NPCC	Columbia F&W Program		X	X	X	X	X	X		X			X	X	X	X						X	X	X
USDA	WHIP					X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
USDA	EQIP					X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
USDA	CREP					X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
USDA	CRT					X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

Agency	Program	Sub Program	Hatchery	Hydro	Harvest	Habitat	Estuary	Ecological	Upper Cowlitz	Lower Cowlitz	Toutle	Coweeman	Grays	Elochoman-Skamakowa	Mill-Germany-Abernathy	Kalama	Upper NF Lewis	Lower NF Lewis	EF Lewis	Salmon	Washougal	Lower Gorge	Upper Gorge	Estuary, Mainstem	
USACE	Grant/Funding	Section 1135				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
USACE	Grant/Funding	Section 206				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
USACE	Grant/Funding	Section 14				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
USACE	Restoration	Section 536				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
USACE	Flood Control						X																		
USACE	Navigation	Dredging				X	X																	X	
USACE	Clean Water Act	Section 404				X	X																	X	
USACE	River/Harbors Act					X	X																	X	
USACE	Hydrosystem			X		X	X	X																X	
Cowlitz Tribe	Habitat					X			X	X						X	X	X	X						
Yakama Nation	Habitat					X			X	X							X	X	X				X	X	
Yakama Nation	Harvest				X	X			X	X							X	X	X				X	X	
CRITFC	Harvest				X																			X	
GSRO	Coordinate State Actions	Salmon Recovery Act	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
SRFB/IAC						X			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
SRFB/IAC	ALEA					X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
SRFB/IAC	WWRP	Natural Areas				X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
SRFB/IAC	WWRP	Critical Habitat				X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
SRFB/IAC	WWRP	Urban Wildlife Habitat				X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
DNR	Forest Practices					X			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
DNR	Lands	Federal Assurances Program				X			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
DNR	Lands	Aquatics				X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	

Agency	Program	Sub Program	Hatchery	Hydro	Harvest	Habitat	Estuary	Ecological	Upper Cowlitz	Lower Cowlitz	Toutle	Coweeman	Grays	Elochoman-Skamakowa	Mill-Germany-Abernathy	Kalama	Upper NF Lewis	Lower NF Lewis	EF Lewis	Salmon	Washougal	Lower Gorge	Upper Gorge	Estuary, Mainstem
DNR		Surface Mining																						
DNR		Inmate Crews																						
DNR		Silvacultural Burning																						
DNR	Lands	Natural Areas				X			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
WDFW	Fish Program	Harvest			X	X			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
WDFW	Fish Program	Hatchery	X						X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
WDFW	Habitat Program	Hydro Relicensing Hydraulics Permit		X					X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
WDFW	Habitat Program	Applications Watershed Stewards Program				X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
WDFW	Lands	Acquisition				X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
WDFW	Lands	Management				X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
WDFW	Wildlife	Predation				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
WDFW	Wildlife	Marbled M. Protection Columbian Whitetailed Deer Mngt/R Caspian Tern Management				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
WDFW	Wildlife					X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
WDFW	Interagency Intergovernmental Program	Hydro/Harvest/Hatchery	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
WDFW	Enforcement																							
Ecology	Water Quality	401 Certification		X					X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Ecology	Water Quality	CWA 303 (d) TMDL				X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Ecology	Water Quality	Shorelines Management				X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Ecology	Water Quality	NPDES				X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Ecology	Water Resources	Water Rights				X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

Agency	Program	Sub Program	Hatchery	Hydro	Harvest	Habitat	Estuary	Ecological	Upper Cowlitz	Lower Cowlitz	Toutle	Coweeman	Grays	Elochoman-Skamakowa	Mill-Germany-Abernathy	Kalama	Upper NF Lewis	Lower NF Lewis	EF Lewis	Salmon	Washougal	Lower Gorge	Upper Gorge	Estuary, Mainstem
Ecology	Water Resources	Stream Flows				X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
		Water Mngmt							X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Ecology	Water Resources	Conservation				X			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Ecology	WA Conservation Corps	Engineering																						
Ecology	Water Quality	Grant Partnerships																						
WADA	ESA Program	Water Quality Protection				X			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
WADA	Watershed Management	Conservation				X			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Cons Comm	Reserve Enhance	Dairy Nutrient Management				X			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Cons Comm	Grants	Water Quality				X			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Cons Comm	Grant	Environmental Services				X			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
WSDOT		Mitigation and others				X			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CTED	GMA					X			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
State Parks	Park Management	Cooperative Extension				X			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
WSU						X			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
BLM	PacFish	Restoration																						
USGS	Water Quality																							
DOH	Water Conservation																							
US EPA	Water Quality Planning/Land																							
Cowlitz	Use Planning/Land	Comp Plan				X	X			X	X	X			X	X								
Cowlitz	Use Planning/Land	Zoning				X	X			X	X	X			X	X								
Cowlitz	Use	Shorelines				X	X			X	X	X			X	X								

Agency	Program	Sub Program	Hatchery	Hydro	Harvest	Habitat	Estuary	Ecological	Upper Cowlitz	Lower Cowlitz	Toutle	Coweeman	Grays	Elochoman-Skamakowa	Mill-Germany-Abernathy	Kalama	Upper NF Lewis	Lower NF Lewis	EF Lewis	Salmon	Washougal	Lower Gorge	Upper Gorge	Estuary, Mainstem
Cowlitz	Planning/Land Use	CAO				X	X		X	X	X			X	X									
Cowlitz	Planning/Land Use	Grating/Clearing				X	X		X	X	X			X	X									
Cowlitz	Planning/Land Use	Erosion Control				X	X		X	X	X			X	X									
Cowlitz	Facilities Management	Roads				X	X		X	X	X			X	X									
Cowlitz	Facilities Management	Stormwater				X	X		X	X	X			X	X									
Cowlitz	Facilities Management	Parks				X	X		X	X	X			X	X									
Cowlitz	Facilities Management	Weed Control				X	X		X	X	X			X	X									
Cowlitz	Public Works Planning/Land Use	Engineering																						
Clark	Planning/Land Use	Comp Plan				X	X										X	X	X	X	X	X		
Clark	Planning/Land Use	Zoning				X	X										X	X	X	X	X	X		
Clark	Planning/Land Use	Shorelines				X	X										X	X	X	X	X	X		
Clark	Planning/Land Use	CAO				X	X										X	X	X	X	X	X		
Clark	Planning/Land Use	Grating/Clearing				X	X										X	X	X	X	X	X		
Clark	Planning/Land Use	Erosion Control				X	X										X	X	X	X	X	X		
Clark	Facilities Management	Roads				X	X										X	X	X	X	X	X		
Clark	Facilities Management	Stormwater				X	X										X	X	X	X	X	X		
Clark	Facilities Management	Parks				X	X										X	X	X	X	X	X		
Clark	Facilities Management	Weed Control				X	X										X	X	X	X	X	X		
Clark	ESA	Education				X	X										X	X	X	X	X	X		

Agency	Program	Sub Program	Hatchery	Hydro	Harvest	Habitat	Estuary	Ecological	Upper Cowlitz	Lower Cowlitz	Toutle	Coweeman	Grays	Elochoman-Skamakowa	Mill-Germany-Abernathy	Kalama	Upper NF Lewis	Lower NF Lewis	EF Lewis	Salmon	Washougal	Lower Gorge	Upper Gorge	Estuary, Mainstem
Clark	ESA	Conservation Future				X	X										X	X	X	X	X	X		
Clark	Public Works Planning/Land	Engineering																						
Wahkiakum	Use Planning/Land	Comp Plan				X	X						X	X	X									X
Wahkiakum	Use Planning/Land	Zoning				X	X						X	X	X									X
Wahkiakum	Use Planning/Land	Shorelines				X	X						X	X	X									X
Wahkiakum	Use Planning/Land	CAO				X	X						X	X	X									X
Wahkiakum	Use Planning/Land	Grating/Clearing				X	X						X	X	X									X
Wahkiakum	Use Facilities	Erosion Control				X	X						X	X	X									X
Wahkiakum	Management Facilities	Roads				X	X						X	X	X									X
Wahkiakum	Management Facilities	Stormwater				X	X						X	X	X									X
Wahkiakum	Management Facilities	Parks				X	X						X	X	X									X
Wahkiakum	Management	Weed Control				X	X						X	X	X									X
Wahkiakum	Public Works Planning/Land	Engineering																						
Lewis	Use Planning/Land	Comp Plan				X		X	X	X														
Lewis	Use Planning/Land	Zoning				X		X	X	X														
Lewis	Use Planning/Land	Shorelines				X		X	X	X														
Lewis	Use Planning/Land	CAO				X		X	X	X														
Lewis	Use Planning/Land	Grating/Clearing				X		X	X	X														
Lewis	Use	Erosion Control				X		X	X	X														

Agency	Program	Sub Program	Hatchery	Hydro	Harvest	Habitat	Estuary	Ecological	Upper Cowlitz	Lower Cowlitz	Toutle	Coweeman	Grays	Elochoman-Skamakowa	Mill-Germany-Abernathy	Kalama	Upper NF Lewis	Lower NF Lewis	EF Lewis	Salmon	Washougal	Lower Gorge	Upper Gorge	Estuary, Mainstem
Lewis	Facilities Management	Roads				X		X	X	X														
Lewis	Facilities Management	Stormwater				X		X	X	X														
Lewis	Facilities Management	Parks				X		X	X	X														
Lewis	Facilities Management	Weed Control				X		X	X	X														
Lewis	Public Works Planning/Land Use	Engineering																						
Skamania	Planning/Land Use	Comp Plan				X															X	X	X	X
Skamania	Planning/Land Use	Zoning				X															X	X	X	X
Skamania	Planning/Land Use	Shorelines				X															X	X	X	X
Skamania	Planning/Land Use	CAO				X															X	X	X	X
Skamania	Planning/Land Use	Grating/Clearing				X															X	X	X	X
Skamania	Planning/Land Use	Erosion Control				X															X	X	X	X
Skamania	Facilities Management	Roads				X															X	X	X	X
Skamania	Facilities Management	Stormwater				X															X	X	X	X
Skamania	Facilities Management	Parks				X															X	X	X	X
Skamania	Facilities Management	Weed Control				X															X	X	X	X
Skamania	National Scenic Act	Grating/Clearing				X															X	X	X	X
Skamania	Watershed Planning					X															X	X	X	X
Skamania	Planning/Land Use	Wind River Nursery																						
Skamania	Public Works	Engineering																						

Agency	Program	Sub Program	Hatchery	Hydro	Harvest	Habitat	Estuary	Ecological	Upper Cowlitz	Lower Cowlitz	Toutle	Coweeman	Grays	Elochoman-Skamakowa	Mill-Germany-Abernathy	Kalama	Upper NF Lewis	Lower NF Lewis	EF Lewis	Salmon	Washougal	Lower Gorge	Upper Gorge	Estuary, Mainstem
Pacific	Planning/Land Use	Comp Plan				X	X						X											
Pacific	Planning/Land Use	Zoning				X	X						X											
Pacific	Planning/Land Use	Shorelines				X	X						X											
Pacific	Planning/Land Use	CAO				X	X						X											
Pacific	Planning/Land Use	Grating/Clearing				X	X						X											
Pacific	Planning/Land Use	Erosion Control				X	X						X											
Pacific	Facilities Management	Roads				X	X						X											
Pacific	Facilities Management	Stormwater				X	X						X											
Pacific	Facilities Management	Parks				X	X						X											
Pacific	Facilities Management	Weed Control				X	X						X											
Pacific	Public Works Planning/Land Use	Engineering																						
Morton	Planning/Land Use	Comp Plan				X			X															
Morton	Planning/Land Use	Zoning				X			X															
Morton	Planning/Land Use	Shorelines				X			X															
Morton	Planning/Land Use	CAO				X			X															
Morton	Planning/Land Use	Grating/Clearing				X			X															
Morton	Planning/Land Use	Erosion Control				X			X															
Morton	Facilities Management	Roads				X			X															
Morton	Facilities Management	Stormwater				X			X															

Agency	Program	Sub Program	Hatchery	Hydro	Harvest	Habitat	Estuary	Ecological	Upper Cowlitz	Lower Cowlitz	Toutle	Coweeman	Grays	Elochoman-Skamakowa	Mill-Germany-Abernathy	Kalama	Upper NF Lewis	Lower NF Lewis	EF Lewis	Salmon	Washougal	Lower Gorge	Upper Gorge	Estuary, Mainstem
Morton	Facilities Management	Parks				X			X															
Morton	Facilities Management	Weed Control				X			X															
Morton	Public Works Planning/Land	Engineering																						
Mossyrock	Use Planning/Land	Comp Plan				X			X															
Mossyrock	Use Planning/Land	Zoning				X			X															
Mossyrock	Use Planning/Land	Shorelines				X			X															
Mossyrock	Use Planning/Land	CAO				X			X															
Mossyrock	Use Planning/Land	Grating/Clearing				X			X															
Mossyrock	Use	Erosion Control				X			X															
Mossyrock	Facilities Management	Roads				X			X															
Mossyrock	Facilities Management	Stormwater				X			X															
Mossyrock	Facilities Management	Parks				X			X															
Mossyrock	Facilities Management	Weed Control				X			X															
Mossyrock	Public Works Planning/Land	Engineering																						
Toledo	Use Planning/Land	Comp Plan				X				X														
Toledo	Use Planning/Land	Zoning				X				X														
Toledo	Use Planning/Land	Shorelines				X				X														
Toledo	Use Planning/Land	CAO				X				X														
Toledo	Use Planning/Land	Grating/Clearing				X				X														

Agency	Program	Sub Program	Hatchery	Hydro	Harvest	Habitat	Estuary	Ecological	Upper Cowlitz	Lower Cowlitz	Toutle	Coweeman	Grays	Elochoman-Skamakowa	Mill-Germany-Abernathy	Kalama	Upper NF Lewis	Lower NF Lewis	EF Lewis	Salmon	Washougal	Lower Gorge	Upper Gorge	Estuary, Mainstem
Toledo	Planning/Land Use Facilities	Erosion Control				X				X														
Toledo	Management Facilities	Roads				X				X														
Toledo	Management Facilities	Stormwater				X				X														
Toledo	Management Facilities	Parks				X				X														
Toledo	Management	Weed Control				X				X														
Toledo	Public Works Planning/Land Use	Engineering																						
Vader	Planning/Land Use	Comp Plan				X				X														
Vader	Planning/Land Use	Zoning				X				X														
Vader	Planning/Land Use	Shorelines				X				X														
Vader	Planning/Land Use	CAO				X				X														
Vader	Planning/Land Use	Grating/Clearing				X				X														
Vader	Planning/Land Use Facilities	Erosion Control				X				X														
Vader	Management Facilities	Roads				X				X														
Vader	Management Facilities	Stormwater				X				X														
Vader	Management Facilities	Parks				X				X														
Vader	Management	Weed Control				X				X														
Vader	Public Works Planning/Land Use	Engineering																						
Winlock	Planning/Land Use	Comp Plan				X				X														
Winlock	Planning/Land Use	Zoning				X				X														

Agency	Program	Sub Program	Hatchery	Hydro	Harvest	Habitat	Estuary	Ecological	Upper Cowlitz	Lower Cowlitz	Toutle	Coweeman	Grays	Elochoman-Skamakowa	Mill-Germany-Abernathy	Kalama	Upper NF Lewis	Lower NF Lewis	EF Lewis	Salmon	Washougal	Lower Gorge	Upper Gorge	Estuary, Mainstem
Winlock	Planning/Land Use	Shorelines				X				X														
Winlock	Planning/Land Use	CAO				X				X														
Winlock	Planning/Land Use	Grating/Clearing				X				X														
Winlock	Planning/Land Use	Erosion Control				X				X														
Winlock	Facilities Management	Roads				X				X														
Winlock	Facilities Management	Stormwater				X				X														
Winlock	Facilities Management	Parks				X				X														
Winlock	Management	Weed Control				X				X														
Winlock	Public Works Planning/Land	Engineering																						
Castle Rock	Use Planning/Land	Comp Plan				X					X													
Castle Rock	Use Planning/Land	Zoning				X					X													
Castle Rock	Use Planning/Land	Shorelines				X					X													
Castle Rock	Use Planning/Land	CAO				X					X													
Castle Rock	Use Planning/Land	Grating/Clearing				X					X													
Castle Rock	Use Planning/Land	Erosion Control				X					X													
Castle Rock	Facilities Management	Roads				X					X													
Castle Rock	Facilities Management	Stormwater				X					X													
Castle Rock	Facilities Management	Parks				X					X													
Castle Rock	Management	Weed Control				X					X													

Agency	Program	Sub Program	Hatchery	Hydro	Harvest	Habitat	Estuary	Ecological	Upper Cowlitz	Lower Cowlitz	Toutle	Coweeman	Grays	Elochoman-Skamakowa	Mill-Germany-Abernathy	Kalama	Upper NF Lewis	Lower NF Lewis	EF Lewis	Salmon	Washougal	Lower Gorge	Upper Gorge	Estuary, Mainstem
Castle Rock	Public Works	Engineering																						
Kelso	Planning/Land Use	Comp Plan				X				X		X												
Kelso	Planning/Land Use	Zoning				X				X		X												
Kelso	Planning/Land Use	Shorelines				X				X		X												
Kelso	Planning/Land Use	CAO				X				X		X												
Kelso	Planning/Land Use	Grating/Clearing				X				X		X												
Kelso	Planning/Land Use	Erosion Control				X				X		X												
Kelso	Facilities Management	Roads				X				X		X												
Kelso	Facilities Management	Stormwater				X				X		X												
Kelso	Facilities Management	Parks				X				X		X												
Kelso	Management	Weed Control				X				X		X												
Kelso	Public Works	Engineering																						
Longview	Planning/Land Use	Comp Plan				X	X			X														X
Longview	Planning/Land Use	Zoning				X	X			X														X
Longview	Planning/Land Use	Shorelines				X	X			X														X
Longview	Planning/Land Use	CAO				X	X			X														X
Longview	Planning/Land Use	Grating/Clearing				X	X			X														X
Longview	Planning/Land Use	Erosion Control				X	X			X														X
Longview	Facilities Management	Roads				X	X			X														X

Agency	Program	Sub Program	Hatchery	Hydro	Harvest	Habitat	Estuary	Ecological	Upper Cowlitz	Lower Cowlitz	Toutle	Coweeman	Grays	Elochoman-Skamakowa	Mill-Germany-Abernathy	Kalama	Upper NF Lewis	Lower NF Lewis	EF Lewis	Salmon	Washougal	Lower Gorge	Upper Gorge	Estuary, Mainstem	
Longview	Facilities Management	Stormwater				X	X			X														X	
Longview	Facilities Management	Parks				X	X			X															X
Longview	Facilities Management	Weed Control				X	X			X															X
Longview	Public Works Planning/Land Use	Engineering																							
Cathlamet	Planning/Land Use	Comp Plan				X	X							X											X
Cathlamet	Planning/Land Use	Zoning				X	X							X											X
Cathlamet	Planning/Land Use	Shorelines				X	X							X											X
Cathlamet	Planning/Land Use	CAO				X	X							X											X
Cathlamet	Planning/Land Use	Grating/Clearing				X	X							X											X
Cathlamet	Facilities Management	Erosion Control				X	X							X											X
Cathlamet	Facilities Management	Roads				X	X							X											X
Cathlamet	Facilities Management	Stormwater Waste Water Plant Upgrades				X	X							X											X
Cathlamet	Facilities Management	Parks				X	X							X											X
Cathlamet	Facilities Management	Weed Control				X	X							X											X
Cathlamet	Public Works Planning/Land Use	Engineering																							
Kalama	Planning/Land Use	Comp Plan				X	X			X						X									X
Kalama	Planning/Land Use	Zoning				X	X			X						X									X
Kalama	Planning/Land Use	Shorelines				X	X			X						X									X

Agency	Program	Sub Program	Hatchery	Hydro	Harvest	Habitat	Estuary	Ecological	Upper Cowlitz	Lower Cowlitz	Toutle	Coweeman	Grays	Elochoman-Skamakowa	Mill-Germany-Abernathy	Kalama	Upper NF Lewis	Lower NF Lewis	EF Lewis	Salmon	Washougal	Lower Gorge	Upper Gorge	Estuary, Mainstem
Kalama	Planning/Land Use	CAO				X	X			X						X								X
Kalama	Planning/Land Use	Grating/Clearing				X	X			X						X								X
Kalama	Planning/Land Use	Erosion Control				X	X			X						X								X
Kalama	Facilities Management	Roads				X	X			X						X								X
Kalama	Facilities Management	Stormwater				X	X			X						X								X
Kalama	Facilities Management	Parks				X	X			X						X								X
Kalama	Management	Weed Control				X	X			X						X								X
Kalama	Public Works Planning/Land Use	Engineering																						
Woodland	Use Planning/Land	Comp Plan				X	X										X		X					
Woodland	Use Planning/Land	Zoning				X	X										X		X					
Woodland	Use Planning/Land	Shorelines				X	X										X		X					
Woodland	Use Planning/Land	CAO				X	X										X		X					
Woodland	Use Planning/Land	Grating/Clearing				X	X										X		X					
Woodland	Use Planning/Land	Erosion Control				X	X										X		X					
Woodland	Facilities Management	Roads				X	X										X		X					
Woodland	Facilities Management	Stormwater				X	X										X		X					
Woodland	Facilities Management	Parks				X	X										X		X					
Woodland	Management	Weed Control				X	X										X		X					
Woodland	Public Works	Engineering																						

Agency	Program	Sub Program	Hatchery	Hydro	Harvest	Habitat	Estuary	Ecological	Upper Cowlitz	Lower Cowlitz	Toutle	Coweeman	Grays	Elochoman-Skamakowa	Mill-Germany-Abernathy	Kalama	Upper NF Lewis	Lower NF Lewis	EF Lewis	Salmon	Washougal	Lower Gorge	Upper Gorge	Estuary, Mainstem
Yacolt	Planning/Land Use	Comp Plan				X											X		X					
Yacolt	Planning/Land Use	Zoning				X											X		X					
Yacolt	Planning/Land Use	Shorelines				X											X		X					
Yacolt	Planning/Land Use	CAO				X											X		X					
Yacolt	Planning/Land Use	Grating/Clearing				X											X		X					
Yacolt	Planning/Land Use	Erosion Control				X											X		X					
Yacolt	Facilities Management	Roads				X											X		X					
Yacolt	Facilities Management	Stormwater				X											X		X					
Yacolt	Facilities Management	Parks				X											X		X					
Yacolt	Facilities Management	Weed Control				X											X		X					
Yacolt	Public Works Planning/Land Use	Engineering																						
LaCenter	Planning/Land Use	Comp Plan				X														X				
LaCenter	Planning/Land Use	Zoning				X														X				
LaCenter	Planning/Land Use	Shorelines				X														X				
LaCenter	Planning/Land Use	CAO				X														X				
LaCenter	Planning/Land Use	Grating/Clearing				X														X				
LaCenter	Planning/Land Use	Erosion Control				X														X				
LaCenter	Facilities Management	Roads				X														X				
LaCenter	Facilities Management	Stormwater				X														X				

Agency	Program	Sub Program	Hatchery	Hydro	Harvest	Habitat	Estuary	Ecological	Upper Cowlitz	Lower Cowlitz	Toutle	Coweeman	Grays	Elochoman-Skamakowa	Mill-Germany-Abernathy	Kalama	Upper NF Lewis	Lower NF Lewis	EF Lewis	Salmon	Washougal	Lower Gorge	Upper Gorge	Estuary, Mainstem
LaCenter	Facilities Management	Parks				X													X					
LaCenter	Facilities Management	Weed Control				X													X					
LaCenter	Public Works Planning/Land	Engineering																						
Ridgefield	Use Planning/Land	Comp Plan				X													X	X				
Ridgefield	Use Planning/Land	Zoning				X													X	X				
Ridgefield	Use Planning/Land	Shorelines				X													X	X				
Ridgefield	Use Planning/Land	CAO				X													X	X				
Ridgefield	Use Planning/Land	Grating/Clearing				X													X	X				
Ridgefield	Use Facilities	Erosion Control				X													X	X				
Ridgefield	Management Facilities	Roads				X													X	X				
Ridgefield	Management Facilities	Stormwater				X													X	X				
Ridgefield	Management Facilities	Parks				X													X	X				
Ridgefield	Management Facilities	Weed Control				X													X	X				
Ridgefield	Public Works Planning/Land	Engineering																						
Battleground	Use Planning/Land	Comp Plan				X													X					
Battleground	Use Planning/Land	Zoning				X													X					
Battleground	Use Planning/Land	Shorelines				X													X					
Battleground	Use Planning/Land	CAO				X													X					
Battleground	Use Planning/Land	Grating/Clearing				X													X					

Agency	Program	Sub Program	Hatchery	Hydro	Harvest	Habitat	Estuary	Ecological	Upper Cowlitz	Lower Cowlitz	Toutle	Coweeman	Grays	Elochoman-Skamakowa	Mill-Germany-Abernathy	Kalama	Upper NF Lewis	Lower NF Lewis	EF Lewis	Salmon	Washougal	Lower Gorge	Upper Gorge	Estuary, Mainstem
Battleground	Planning/Land Use Facilities	Erosion Control				X													X					
Battleground	Management Facilities	Roads				X													X					
Battleground	Management Facilities	Stormwater				X													X					
Battleground	Management Facilities	Parks				X													X					
Battleground	Management	Weed Control				X													X					
Battleground	Public Works Planning/Land Use	Engineering																						
Vancouver	Planning/Land Use	Comp Plan				X																		X
Vancouver	Planning/Land Use	Zoning				X																		X
Vancouver	Planning/Land Use	Shorelines				X																		X
Vancouver	Planning/Land Use	CAO				X																		X
Vancouver	Planning/Land Use	Grating/Clearing				X																		X
Vancouver	Planning/Land Use Facilities	Erosion Control				X																		X
Vancouver	Management Facilities	Roads				X																		X
Vancouver	Management Facilities	Stormwater				X																		X
Vancouver	Management Facilities	Parks and Acquisition				X																		X
Vancouver	Management	Weed Control				X																		X
Vancouver	ESA	Education				X																		X
Vancouver	Public Works Planning/Land Use	Engineering																						
Camas	Use	Comp Plan				X	X																X	X

Agency	Program	Sub Program	Hatchery	Hydro	Harvest	Habitat	Estuary	Ecological	Upper Cowlitz	Lower Cowlitz	Toutle	Coweeman	Grays	Elochoman-Skamakowa	Mill-Germany-Abernathy	Kalama	Upper NF Lewis	Lower NF Lewis	EF Lewis	Salmon	Washougal	Lower Gorge	Upper Gorge	Estuary, Mainstem
Camas	Planning/Land Use	Zoning				X	X														X		X	
Camas	Planning/Land Use	Shorelines				X	X														X		X	
Camas	Planning/Land Use	CAO				X	X														X		X	
Camas	Planning/Land Use	Grating/Clearing				X	X														X		X	
Camas	Planning/Land Use	Erosion Control				X	X														X		X	
Camas	Facilities Management	Roads				X	X														X		X	
Camas	Facilities Management	Stormwater				X	X														X		X	
Camas	Facilities Management	Parks				X	X														X		X	
Camas	Management	Weed Control				X	X														X		X	
Camas	Public Works Planning/Land	Engineering																						
Washougal	Use Planning/Land	Comp Plan				X	X														X		X	
Washougal	Use Planning/Land	Zoning				X	X														X		X	
Washougal	Use Planning/Land	Shorelines				X	X														X		X	
Washougal	Use Planning/Land	CAO				X	X														X		X	
Washougal	Use Planning/Land	Grating/Clearing				X	X														X		X	
Washougal	Use Facilities	Erosion Control				X	X														X		X	
Washougal	Management Facilities	Roads				X	X														X		X	
Washougal	Management Facilities	Stormwater				X	X														X		X	
Washougal	Management	Parks				X	X														X		X	

Agency	Program	Sub Program	Hatchery	Hydro	Harvest	Habitat	Estuary	Ecological	Upper Cowlitz	Lower Cowlitz	Toutle	Coweeman	Grays	Elochoman-Skamakowa	Mill-Germany-Abernathy	Kalama	Upper NF Lewis	Lower NF Lewis	EF Lewis	Salmon	Washougal	Lower Gorge	Upper Gorge	Estuary, Mainstem	
Washougal	Facilities Management	Weed Control				X	X														X			X	
Washougal	Public Works	Engineering																							
North	Planning/Land Use	Comp Plan				X	X															X		X	
North	Planning/Land Use	Zoning				X	X															X		X	
North	Planning/Land Use	Shorelines				X	X															X		X	
North	Planning/Land Use	CAO				X	X															X		X	
North	Planning/Land Use	Grating/Clearing				X	X															X		X	
North	Planning/Land Use	Erosion Control				X	X															X		X	
North	Facilities Management	Roads				X	X															X		X	
North	Facilities Management	Stormwater				X	X															X		X	
North	Facilities Management	Parks				X	X															X		X	
North	Facilities Management	Weed Control				X	X															X		X	
North	Public Works	Engineering																							
Stevenson	Planning/Land Use	Comp Plan				X																X			
Stevenson	Planning/Land Use	Zoning				X																X			
Stevenson	Planning/Land Use	Shorelines				X																X			
Stevenson	Planning/Land Use	CAO				X																X			
Stevenson	Planning/Land Use	Grating/Clearing				X																X			
Stevenson	Planning/Land Use	Erosion Control				X																X			

Agency	Program	Sub Program	Hatchery	Hydro	Harvest	Habitat	Estuary	Ecological	Upper Cowlitz	Lower Cowlitz	Toutle	Coweeman	Grays	Elochoman-Skamakowa	Mill-Germany-Abernathy	Kalama	Upper NF Lewis	Lower NF Lewis	EF Lewis	Salmon	Washougal	Lower Gorge	Upper Gorge	Estuary, Mainstem
Stevenson	Facilities Management	Roads				X																	X	
Stevenson	Facilities Management	Stormwater				X																	X	
Stevenson	Facilities Management	Parks				X																	X	
Stevenson	Facilities Management	Weed Control				X																	X	
Stevenson	Public Works	Engineering																						
City of Tacoma	FERC	Relicensing		X				X	X															
Cowlitz PUD	FERC	Relicensing		X				X									X							
Lewis County PUD	FERC	Relicensing		X				X																
PacifiCorp	FERC	Relicensing		X													X	X						
Clark Public Utility	Restoration			X															X	X				
Wahkiakum PUD				X									X	X										
Skamania PUD				X																			X	
LCFEG	Fish and Wildlife Enhancement					X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
LCREP	Fish and Wildlife Restoration and Protection					X	X																X	X
LCFRB	Salmon Recovery Act	Recovery/Subbasin Planning	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
LCFRB	Salmon Recovery Act	Habitat Restoration Protection				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
LCFRB	Watershed Management Act	Watershed Planning				X		X	X	X	X	X	X	X	X	X	X	X	X	X	X			X
CREST	Conservation					X	X																X	X
Underwood CD	Districts					X																X	X	

Agency	Program	Sub Program	Hatchery	Hydro	Harvest	Habitat	Estuary	Ecological	Upper Cowlitz	Lower Cowlitz	Toutle	Coweeman	Grays	Elochoman-Skamakowa	Mill-Germany-Abernathy	Kalama	Upper NF Lewis	Lower NF Lewis	EF Lewis	Salmon	Washougal	Lower Gorge	Upper Gorge	Estuary, Mainstem
Cowlitz CD	Conservation																							
Wahkiakum CD	Districts					X				X	X	X				X	X							
Clark CD	Conservation					X																		
Clark CD	Districts	Restoration				X																		
Lewis CD	Conservation					X																		
SWWA Engineering Control Board	Districts					X			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
SW WA Health District	Conservation	Mosquito Control																						
SW WA Health District	Conservation	Water Quality																						
SW WA Health District	Conservation	Solid Waste																						
CDID 1						X				X														
CDID 2						X																		
Industrial Timber	Forest and Fish Habitat					X							X	X	X									
Fish First Cowlitz	Restoration					X											X	X						
Game and Anglers	Habitat Restoration					X				X	X													
Friends of the Cowlitz	Habitat Restoration					X			X	X														
Columbia Land Trust	Land Acquisition and Stewardship					X			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

Agency	Program	Sub Program	Hatchery	Hydro	Harvest	Habitat	Estuary	Ecological	Upper Cowlitz	Lower Cowlitz	Toutle	Coweeman	Grays	Elochoman-Skamakowa	Mill-Germany-Abernathy	Kalama	Upper NF Lewis	Lower NF Lewis	EF Lewis	Salmon	Washougal	Lower Gorge	Upper Gorge	Estuary, Mainstem
Sea Resources	Habitat Restoration					X	X						X											
Sea Resources	Artificial Production					X	X																	
Ducks Unlimited	Habitat Restoration					X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Friends of the East Fork Wind River Watershed Council and TAG	Habitat Restoration	Education				X																	X	
Wind River Watershed Council and TAG	Habitat Restoration	Assessment				X																	X	
Columbia Springs Center	Habitat Restoration	Hatchery Management	X			X																X		
Columbia Springs Center	Habitat Restoration	Education				X																X		
Port of Vancouver	Land Use	Port Operations																						
Port of Ridgefield	Land Use	Port Operations																						
Lewis City Programmatic HCP	Forest and Fish																							

1.5 Program Inventory

1.5.1 Overview

The concept of “programs” is broadly defined and includes projects, activities, initiatives, legislation, agencies, and organizations that have the ability to significantly affect or are affected by salmon recovery efforts. Such programs will ultimately be the tools by which the salmon recovery plan will be implemented. An inventory of existing programs and activities is essential to provide a foundation for developing strategies and actions, and identifying gaps. It is also useful in determining a critical path toward recovery to prioritize actions. Finally the analysis will uncover potentially harmful programs that impact salmon recovery and that may need imminent protection.

A wide variety of programs are involved in salmon recovery to varying degrees, but it is anticipated that only a subset of that total will be fundamental to recovery efforts – this subset is referred to as the *key programs*. Key programs are identified and analyzed at both the regional level (Volume 1, Chapter 7) as well as the subbasin level (Volume II) in the management plan. Links between programs and measures provide the basis for identifying gaps. Table 1.5.2 identifies key programs, the factor categories (habitat, hydropower, hatcheries, harvest estuary and ecological interactions) they impact and the subbasins they affect.

Key program below are described in detail and are organized by federal, state and local government, and community program categories.

1.5.2 Federal Agency Programs	
Gifford Pinchot Forest Plan	<p>Forest plans are required by the National Forest Management Act for each National Forest. The Gifford Pinchot National Forest published its first <i>Land and Resource Management Plan</i> in 1990. Later in 1994, the Plan was updated with consideration of the NW President's Plan, which took into consideration the Spotted Owl and its habitat requirements. Today's Gifford Pinchot Forest Plan reflects management values that are based, in part, on watershed analysis for each of the major basins in the Forest. Within each of these basins, the plan describes the Forest Service's management directives and funding priorities. Management directives are organized around Designated Areas. Examples include: Congressional Reserves, Administratively Withdrawn Areas, Late-Successional Reserves, Managed Late-Successional Reserves, Adaptively-Managed Areas, Riparian Reserves, and Matrix Lands. Each of these areas are managed for distinct objectives.</p> <p><u>Program Type:</u> Protection and Restoration <u>Applicable Subbasins:</u> Washougal, East Fork, Wind, East Fork Lewis, and Cowlitz.</p>
NOAA Fisheries	<p>NOAA Fisheries is responsible for conserving, protecting and managing pacific salmon, ground fish, halibut, marine mammals and habitats under the Endangered Species Act (ESA §§ 4, 7, 10). NOAA has jurisdiction in all waters of states containing listed, threatened, or endangered species. The application of the ESA on the West coast and in Washington State is concerned with the conservation of many species of fish, and salmonids in particular.</p> <p>ESA Section 4. This section describes the requirements for listing species. In particular, Section 4(d) provides for the creation of protective regulations for threatened species, which may include selective application of Section 9 protections to threatened species and the development of recovery plans. Recovery plans include the regulation of regional hatchery and genetic management plans (HGMPs) and fishery management and evaluation plans (FMEPs). NOAA Pacific Coast Fisheries Commission provides fisheries with the information necessary to make decisions about harvest and habitat.</p> <p><u>Program Type:</u> Protection <u>Applicable Subbasins:</u> All</p> <p>ESA Section 7. This section requires federal agencies to ensure, through a consultation process, that any action they authorize, fund or carry out is not likely to jeopardize the continued existence of listed species or result in the destruction or adverse modification of their critical habitat.</p> <p><u>Program Type:</u> Protection <u>Applicable Subbasins:</u> All</p>

	<p>ESA Section 10. This section provides for permits and exemptions for otherwise prohibited activities. This includes authorizing NOAA Fisheries to permit incidental taking when it is the result of carrying out an otherwise lawful activity, such as scientific research or commercial activity. This exemption is in turn limited by tribal resource management plans, which are permitted if they will not appreciably reduce survival or recovery. Permits are granted after biological opinions are issued, verifying that the private individual, corporation, or municipal entity will not affect the propagation of the species.</p> <p><u>Program Type:</u> Protection <u>Applicable Subbasins:</u> All</p> <p>NOAA Enforcement. NOAA Enforcement is a component of the Department of Commerce and NOAA, within the National Marine Fisheries Service (NMFS). NOAA Enforcement investigates both civil and criminal violations of the ESA and the Marine Mammal Protection Act (MMPA), seizes contraband and gathers information on criminal activities. It also promotes voluntary compliance through constituent communication and public awareness.</p> <p>NOAA establishes regulations for the protection of species under the ESA. Because NOAA operates on a national level, its contributions to a specific areas can only be triggered by those recovery plans, federal actions, applications for permits, and civil and criminal violations that occur in the Washougal area.</p> <p><u>Program Type:</u> Enforcement <u>Applicable Subbasins:</u> All</p>
<p>US Fish & Wildlife Service</p>	<p>Wildlife Refuges. The US Fish and Wildlife Service manual on refuge planning applies to designated areas of land, water, or interest in land or water within the refuge system. The goals of the National Environmental Policy Act (NEPA) and the National Wildlife Refuge System Administration Act, amended, are to ensure that wildlife comes first, that management reaches conservation and other objectives, that there are opportunities to participate in the planning process, that there is a basis for adaptive management, and that there is consistent consideration of the six priority public uses (hunting, fishing, wildlife observation and photography, and environmental education and interpretation).</p> <p>Management actions occur through comprehensive conservation plans (CCPs). CCPs provide statements of desired future conditions for each refuge, encourage the use of an ecosystem approach, ensure that the six priority wildlife dependent recreational uses receive consideration, provide a forum for public comment, and ensure public involvement in management decisions. The CCP must provide a fifteen-year management plan specific to each refuge. This plan determines species or resources of</p>

concern, and must comply with a list of mandates, including section seven of the ESA and sections 401 and 404 of the Clean Water Act. Access to the refuges is limited in order to minimize disturbance to the wildlife.

Refuges in Southwest Washington include Ridgefield to the north of Vancouver; and Franz Lake, Pierce and Steigerwald Lake all located in the Columbia River Gorge. Together, these refuges comprise approximately 7000 acres in Southwest Washington.

Program Type: Restoration

Applicable Subbasins: All

Environmental Contamination. The Division of Environmental Contaminants within the Ecological Services program has primary responsibility for working with USFWS staff from the Division of Endangered Species, Habitat Conservation, Fisheries, Refuges and Engineering as well as other agencies related to contaminants.

Contaminant specialists address a variety of issues aimed at preventing damage to threatened and endangered species, trust resources, and national wildlife refuges. The program also conducts studies that help reveal the health of terrestrial and aquatic ecosystems, participates in the National Contaminant Biomonitoring Program, and conducts a refuge clean-up program.

Since 1988, the Pacific Region of the Environmental Contaminations Program has conducted 62 refuge and 33 off-refuge investigations, which address a wide range of contaminant issues. The investigations most likely to impact Washougal are those involving a chemical investigation of the Ridgefield National Wildlife Refuge which has resulted in recommendations of restoration and additional ground water wells, the productivity of Columbia River eagles that are monitored to determine whether the conditions of the river are improving for all species, and the Great Blue Herons as a monitoring species for contaminants in piscivorous birds from the Columbia and Willamette basins.

Program Type: Restoration

Applicable Subbasins: All

Restoration Program. When hazardous substances enter the environment, USFWS, along with other organizations, act as 'trustees.' In this capacity, USFWS seeks to determine the extent of the injuries, recover damages from those responsible, and conducts natural resource restoration activities. The benefit of the restoration program is that natural resources are restored by the damages recovered from the responsible parties, and not by tax dollars.

Program Type: Restoration

Applicable Subbasins: All

Partners for Fish and Wildlife. The Partners for Fish and Wildlife Program provides assistance to private landowners who want to restore or improve habitat on their property. Restoration projects include restoring wetland

	<p>hydrology, planting native trees and shrubs in formerly forested wetlands and other habitats, planting native grasslands, installing fencing and off-stream livestock water facilities, removal of exotic plants and animals, prescribed burning to remove exotic species and to restore natural disturbance regimes for species survival, reconstruction of in-stream aquatic habitat, and reestablishing fish passage for migratory fish.</p> <p>In Washington state, the Partners for Fish and Wildlife program is concerned with habitats such as streams and riparian areas, wetlands, prairies, oak woodlands and shrub-steppe. The program is also concerned with wildlife species such as bull trout, salmon, cutthroat trout, bald eagle, black tern, Columbia spotted frog and pygmy rabbit, and plants such as the golden paintbrush and water howellia. To date the program has restored 186 acres of wetland, twelve miles of riparian habitat, two miles of in-stream habitat, thirty acres of native grassland, forty-eight acres of species habitat, and fifteen miles of anadromous fish passage.</p> <p><u>Program Type:</u> Restoration <u>Applicable Subbasins:</u> All</p>
<p>U.S. Army Corps of Engineers</p>	<p>The U.S. Army Corps of Engineers (USACE, or the Corps) is the Federal government's largest water resources development and management agency. The objective of USACE is to contribute to national economic development while protecting the nation's environment. USACE addresses state, local, national, and international concerns through a six-step planning process prescribed by the Principles and Guidelines. These include identifying water resources problems in the study area, collecting data on the problems identified, developing alternatives to solve the problems, evaluating the effects of the alternatives, comparing the alternatives, and selecting a plan for recommendation or deciding to take no action. The types of state, local, national, and international projects include navigation, flood control, ecosystem restoration, hurricane and storm damage reduction, coastal and shoreline erosion, water supply, hydroelectric power, outdoor recreation, and environmental water quality and aquatic plant controls. USACE helps communities solve these problems by conducting studies, and, based on the results, possibly constructing projects. In addition, the USACE provides flood plain management, planning assistance to states, and a regulatory monitoring and enforcement function.</p> <p>Current USACE projects in Washington state include the Mt. St. Helens recovery project, the Crims Island habitat restoration project, and the east White Salmon treaty fishing access site development. The USACE is also in the process of conducting several studies, such as a navigation channel study of the Columbia River, the Columbia Slough environmental restoration study, the Lower Columbia River ecosystem restoration general investigation and feasibility study, and the Columbia River channel deepening study.</p> <p>Section 1135 of the Water Resources Development Act provides for the</p>

modification of the structure or operation of a past USACE project to restore fish and wild life habitat. The advantage of section 1135 programs is the relatively large potential budget for restoration (up to five million dollars). The limitations of section 1135 programs are several. The projects must be linked to a past USACE project and the reports are time-consuming to process and require approval before implementation. Only five projects have been done in Washington because of the intensive funding and staff commitments.

Program Type: Restoration

Applicable Subbasins: All

Section 206 of the Water Resources Development Act of 1996, Public Law 104-303, as amended (WRDA), authorizes the Secretary of the Army to carry out an aquatic ecosystem restoration and protection project if the Secretary determines that the project will improve the quality of the environment, is in the public interest, and is cost-effective. Significant provisions of section 206 include a cost-sharing requirement and an annual funding cap for programs nation-wide. A minimum of 35% of a project's costs must be contributed from non-federal sources and a maximum of \$25 million dollars annually may be dedicated to projects nation-wide. Unlike section 1135 of the WRDA, it is not a requirement that restoration and protection projects funded under section 206 be tied to a hydrologic project.

Program Type: Restoration and Protection

Applicable Subbasins: All. However, there are no section 206 projects currently in place.

Hydroelectric programs in the Portland district of the Northwestern Division are concerned both with constructing and operating power facilities as well as their environmental impact. The USACE is currently studying ways to minimize the impact of dams on anadromous fish species, salmonids in particular.

Regulatory Program

The regulatory program of the USACE considers the full public interest for both the protection and utilization of water resources. The regulatory authority of the USACE is based on Section 10 of the Rivers and Harbors Act of 1899 which prohibits the obstruction or alteration of navigable waters of the United States without a permit from the Corps. Its authority is also based on Section 404 of the Clean Water Act, subsection 301, which prohibits the discharge of dredged or fill material into waters of the U.S. without a permit from the Corps. Typical activities requiring Section 10 permits are the construction or installation of piers, wharves, and bulkheads, and dredging and excavation. Typical activities requiring Section 404 permits are the depositing of fill, dredged, or excavated material in waters of the U.S. and/or adjacent wetland, grading or

	<p>mechanized land clearing of wetlands, and placement of spoils from ditch excavation activities in wetlands. Any person or agency planning to work in navigable waters of the U.S., or dump or place dredged or fill material in these waters, must first obtain a permit from the Corps.</p>
<p>Environmental Protection Agency</p>	<p>Clean Water Act. The Environmental Protection Agency (EPA) is responsible for the implementation of the Clean Water Act (CWA). The broad goal of the CWA is to restore and maintain the chemical, physical, and biological integrity of the nation's waters so that they can support the protection and propagation of fish, shellfish, and wildlife and recreation in and on the water. The CWA requires that water quality standards (WQS) be set for surface waters. WQS are aimed at translating the broad goals of the CWA into waterbody-specific objectives and apply only to the surface waters (rivers, lakes, estuaries, coastal waters, and wetlands) of the United States.</p> <p>The Water Quality Standards Program is comprised of three major components: Designated Uses Water quality criteria Antidegradation Policy</p> <p>Designated uses (DUs) of a waterbody are those uses that society, through various units of government, determines should be attained in the waterbody. The DUs are the goals set for the waterbody. In some cases, these uses have already been attained, but sometimes conditions in a waterbody do not support all the DUs. Examples of common DUs include: drinking water, water-based recreation, fishing/eating, aquatic life, agricultural water supply, or industrial water supply.</p> <p>Water quality criteria (WQC) are descriptions of the conditions in a waterbody necessary to support the DUs. These can be expressed as concentrations of pollutants, temperature, pH, turbidity units, toxicity units, or other quantitative measures. WQC can also be narrative statements such as "no toxic chemicals in toxic amounts."</p> <p>Antidegradation policies. This component focuses on waters that have high water quality such that they are "better than standards." Antidegradation policies are a component of state/tribal WQS that establish a set of rules that should be followed when addressing proposed activities that could lower the quality of high quality waters. The purpose of these policies is to keep water clean.</p> <p><u>Program Type:</u> Protection and Restoration <u>Applicable Subbasins:</u> All</p>
<p>National Scenic Areas Act</p>	<p>The Columbia River Gorge was designated as a National Scenic Area with the signing of the National Scenic Area Act on November 17th 1986. The National Scenic Area Act does not create a wilderness area or park, instead, it allows for existing rural and scenic characteristics to be retained, while it encourages compatible growth and development in urban areas. The purpose of the National Scenic Area Act is to protect and provide for</p>

	<p>the enhancement of the scenic, cultural, recreational and natural resources of the Gorge; and to protect and support the economy of the Columbia River Gorge area by encouraging growth to occur in existing urban areas and by allowing future economic development.</p> <p>Partnership. The National Scenic Area Act called for a new partnership between the USDA Forest Service, a bi-state regional planning agency (the Columbia River Gorge Commission), the states of Oregon and Washington, and the six counties with land in the Scenic Area.</p> <p>Areas. Thirteen Oregon and Washington communities within the National Scenic Area are designated as Urban Areas. Although these areas are exempt from the land-use regulation aspects of the legislation, they are the focus of most economic development activities implementing the second purpose of the Act.</p> <p>Management Plan. The Act required the Gorge Commission, with assistance from the Forest Service, prepare a comprehensive Management Plan to achieve the purposes of the Act. The Management Plan was adopted by the Columbia River Gorge Commission on October 15, 1991 and concurred with by the U.S. Secretary of Agriculture on February 13, 1992. Adopted revisions to the management plan, including natural resource management and monitoring can be found online at: http://www.gorgecommission.org/Draft%20revised%20management%20plan.htm</p> <p>Land Use Ordinances. All new development and land uses must be reviewed in the National Scenic Area to determine if they are consistent with the Act and the implementing land-use ordinances. The development guidelines of the Management Plan are implemented through land-use ordinances which must be consistent with the Management Plan.</p> <p>Land Acquisition and Exchanges. The Act authorized the Forest Service to acquire and exchange lands in the Special Management Area to achieve the purposes of the Act if the owners wish to sell or exchange their lands. Parcels or land will be analyzed on a case by case basis to determine priority for acquisition.</p> <p>Economic Opportunities. The Act authorizes \$10 million in economic development grants and loans for projects consistent with the National Scenic Area objectives.</p> <p>Wild and Scenic River Studies. The Act designated 11.1 miles of the Lower Klickitat River as a National Recreation River, and 7.7 miles of the Lower White Salmon River as a National Scenic River.</p> <p>Monitoring. Monitoring is an important part of the National Scenic Area Act. The Gorge Commission is directed to develop and carry out an comprehensive monitoring program in conjunction with all of the Scenic Area partners</p>
<p>Federal Columbia River Power System</p>	<p>The Federal Columbia River Power System (FCRPS) is a unique collaboration among three U.S. government agencies – the Bonneville Power Administration (BPA), the U.S. Army Corps of Engineers (the</p>

(FCRPS)	<p>Corps) and the Bureau of Reclamation (Reclamation). The FCRPS operates to serve an array of individual project and system purposes such as power generation, flood control, irrigation, recreation, fish and wildlife protection and other purposes defined by congressional authorities. Systemwide purposes focus on supplying electrical energy to meet existing and projected loads, flood control, and more recently, salmon recovery. Thirty one federally owned multipurpose dams on the Columbia and its tributaries comprise the FCRPS and provide about 60 percent of the region's hydroelectric generating capacity.</p> <p>The FCRPS agencies address the ESA in managing today's system. System operations have been influenced through a series of consultations, Biological Opinions and an elaborate, multilayered process for working through in-season operating changes in order to protect ESA listed salmon and steelhead in the Columbia River Basin. Structural and operational measures have been prescribed by NOAA Fisheries and adopted by the FCRPS to improve fish survival during periods of migration and residence in the Columbia River Basin.</p> <p>Bonneville Power Administration (BPA), U.S. Department of Energy. BPA is a federal agency headquartered in Portland, Ore., that markets wholesale electricity and transmission to the Pacific Northwest's public and private utilities as well as to some large industries. BPA provides about half the electricity used in the Northwest and operates over three-fourths of the region's high-voltage transmission. While BPA is part of the Department of Energy, it is not tax-supported through government appropriations. Instead, BPA recovers all of its costs through sales of electricity and transmission and repays the U.S. Treasury in full with interest for any money it borrows.</p> <p>The agency's mission is centered on its commitment to involve the public in decisions, acquire cost-effective conservation and improve conditions for fish and wildlife in the Columbia River Basin.</p> <p>BPA helps fund and manage the largest fish and wildlife program in the world. BPA works with other federal and state agencies and tribes on programs to address problems caused by federal dams. BPA is committed to working toward regional solutions based on sound biology. It funds about 500 fish and wildlife projects a year, from repairing spawning habitats to studying fish diseases and controlling predators. Projects for BPA funding are identified by the Northwest Power Planning Council's fish and wildlife program and are reviewed by an independent scientific review panel.</p>
Natural Resources Conservation Service (NRCS)	<p>Formerly the Soil Conservation Service, the USDA Natural Resources Conservation Service (NRCS) is the federal agency that works hand-in-hand with the American people to conserve natural resources on private lands. The NRCS provides leadership in a partnership effort to help people conserve, maintain, and improve our natural resources and environment. Formalized in 1993, the National Conservation Partnership is the dynamic relationship between federal, state, and nonprofit groups that have pledged to jointly provide national conservation leadership.</p> <p>Independently, Partnership members have separate responsibilities for</p>

	<p>sustaining the environment and conserving the nation's natural resources. As partners in conservation, they speak with a unified voice and act to realize a common vision: A productive nation in harmony with a quality environment.</p> <p>Partners</p> <table border="0"> <tr> <td>Conservation districts</td> <td>Local communities</td> </tr> <tr> <td>State and federal agencies</td> <td>Agribusiness</td> </tr> <tr> <td>NRCS Earth Team volunteers</td> <td>Professional societies</td> </tr> <tr> <td>Agricultural and environmental groups</td> <td>RC&D councils</td> </tr> <tr> <td>Conservation District Employees</td> <td>Universities</td> </tr> </table> <p>Conservation organizations</p> <p>Program Type: Protection and Restoration</p> <p>Applicable Subbasins: All</p>	Conservation districts	Local communities	State and federal agencies	Agribusiness	NRCS Earth Team volunteers	Professional societies	Agricultural and environmental groups	RC&D councils	Conservation District Employees	Universities
Conservation districts	Local communities										
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<p>National Fish and Wildlife Foundation</p>	<p>The National Fish and Wildlife Foundation is a private, non-profit organization established by Congress in 1984 to conserve healthy populations of fish, wildlife and plants through partnerships, sustainable solutions, and better education. The Foundation meets these goals by awarding matching grants comprised of federal and non-federal funds, to projects benefiting conservation education, habitat protection and restoration, and natural resource management. The Foundation creates partnerships among federal, state, and local governments, corporations, private foundations, individuals, and non-profit organizations.</p> <p>Protection of healthy rivers and wetland systems is among the Foundations' investment goals and strategies. Also included in the Foundations' goals and strategies is the conservation of keystone wildlife species of special concern; protection of forests, grasslands, and oceans; promotion of conservation education programs that reach the general public, stakeholders, and resource managers including local communities, land-owners, and affected industry; and the support of conservation of trust species protected in law or under international treaty.</p> <p><u>Program Type:</u> Protection and Education</p> <p><u>Applicable Subbasins:</u> All</p>										
<p>Federal Energy Regulatory Commission (FERC)</p>	<p>Nonfederal hydroelectric projects generally operate under licenses issued by the Federal Energy Regulatory Commission (FERC). A hydroelectric license prescribes operations and safety precautions, as well as environmental protection, mitigation and enhancements.</p> <p>PacifiCorp</p> <p>PacifiCorp is a power company that operates 53 hydropower facilities in Washington, Oregon, Idaho, Utah and Montana which produce nearly 11 percent of the company's annual power generation. In Washington, Oregon, Wyoming, and California, PacifiCorp operates as Pacific Power.</p> <p>Relicensing. At least five years before a license expires, an owner applies to FERC to "relicense" the hydroelectric project. The project, its surrounding environment and related resources are studied during this</p>										

process to determine what new license conditions will most effectively balance developmental values (electric power, flood control and water supply) with nondevelopmental values (environmental resource protection and values). Licenses are normally issued for a period of 30 to 50 years.

The FERC relicensing process requires years of extensive planning, including environmental studies, agency consensus and public involvement. The Federal Power Act of 1920 (FPA) was amended in 1986 by the Electric Consumers Protection Act (ECPA). The new law requires that FERC give equal consideration to the non-generating benefits of the natural resource (fish, wildlife, aesthetics, water quality, land use, and recreational resources, for example) along with the benefit of power production.

Cowlitz County Public Utilities District (PUD)

Public Utility District No. 1 of Cowlitz County is a municipal corporation of the State of Washington, formed to provide electric service within Cowlitz County. Cowlitz County PUD is a not-for-profit, consumer-owned utility serving 45,500 electric customers and 3,540 water customers in the County. Cowlitz PUD owns the Swift No. 2 hydroelectric project. Swift No. 2 is operated by PacifiCorp according to an agreement that allows PacifiCorp to manage all four hydro projects on the Lewis River in a coordinated manner.

Lewis County Public Utilities District (PUD)

The Lewis County Public Utility District is a progressive customer-owned utility that provides electricity to rapidly growing Lewis County in southwest Washington. The Lewis County PUD is a nonprofit municipal corporation of the State of Washington. Lewis County PUD serves substantially all of Lewis County with the exception of the City of Centralia. In addition, Lewis County PUD serves a portion of Pierce County, including the areas from the town of Elbe, Ashford and Mount Rainier National Park. The Lewis County PUD and the BPA cooperatively developed the Cowlitz Falls Project. The PUD is owner of the Project, while the BPA has purchased the annual output of the Project under a long-term contract. In exchange for receiving the output of the Project, BPA pays all costs associated with its operation and maintenance. Lewis County PUD buys its power from BPA so the power generated by the Cowlitz Falls Project helps supply the needs of Lewis County residents and businesses.

Reintroduction program for the upper Cowlitz River.

BPA, in cooperation with the Lewis PUD, state and federal agencies and Tacoma Power, has constructed a downstream anadromous fish collection facility at the Cowlitz Falls Dam. The fish facility has permitted the reintroduction of salmon and steelhead in the upper Cowlitz River basin. The upper Cowlitz and Cispus River basins were blocked from migrating salmon and steelhead by Tacoma Power's construction of the Mossyrock

	<p>and Mayfield Dams in the 1960's. Lewis PUD, BPA, and Tacoma Power are involved in efforts to improve the anadromous fish reintroduction program for the upper Cowlitz River.</p> <p>Tacoma Public Utilities Tacoma Power is a publicly owned division of Tacoma Public Utilities that provides electricity to the city of Tacoma, Fircrest, University Place, Fife, parts of Steilacoom, Lakewood and unincorporated Pierce County in Washington State. Tacoma Power has owned and operated hydroelectric projects for over 90 years. Tacoma Power's largest electricity generating facility is the Cowlitz River Project. The Cowlitz River Project produces hydroelectric power from the water stored behind Mayfield and Mossyrock dams.</p> <p>In addition to producing hydroelectric power, the Cowlitz River Project provides recreational opportunities, lands managed for wildlife habitat and a fisheries program involving two major hatcheries. Tacoma Power's Cowlitz Salmon Hatchery and Cowlitz Trout Hatchery rear Coho salmon, Chinook salmon, steelhead, and cutthroat trout. Wild adult fish are collected at the salmon hatchery barrier dam and trucked up stream above the dams. Out-migrating juvenile fish are collected and either hauled or diverted around the dams.</p> <p>A new license for operating Cowlitz River Project was issued in 2002. The emphasis of the new license is the restoration and recovery of wild salmon runs in the Cowlitz River.</p> <p>Clark Public Utilities Clark Public Utilities is a municipal corporation organized under the laws of the state of Washington. A customer-owned utility providing electric, water and wastewater service in Clark County, Washington, Clark Public Utilities was formed by a vote of the people in 1938. Clark Public Utilities purchases approximately half of its power from the Bonneville Power Administration (BPA).</p>
<p>PacFish – Bureau of Land Management</p>	<p>Program Overview In 1994, the U.S. Forest Service (FS) and the Bureau of Land Management (BLM) developed an ecosystem-based, aquatic habitat and riparian-area management strategy (commonly referred to as PacFish) for Pacific salmon, steelhead, and sea-run cutthroat trout habitat on lands they administer. The strategy was developed in response to information documenting broad declines in naturally reproducing Pacific salmon, steelhead, and sea-run cutthroat trout and widespread degradation of habitat upon which these anadromous fish depend. The goal of PacFish is to improve fish survival and habitat conditions through regulatory actions.</p> <p>PacFish is an interim program agreed to by all federal regulatory and land management agencies and applies to only those lands outside the 1994 President's Forest Plan.</p>

1.5.3 State Agency Programs	
Department of Natural Resources	<p>Management of DNR public lands is governed by tenets of their proposed Habitat Conservation Plan (HCP). In general, the HCP is more restrictive than Forest Practices to ensure the legacy of public lands. DNR managed as “trust” lands that provide protections to fish and wildlife habitats, as well as to generate funds in support of schools or other local services (e.g., hospitals, libraries, etc.).</p> <p>In terms of protection, the HCP establishes restrictions to harvest in, and around, riparian zones for classes of streams as well as screening for increased landslide potential. Restoration activities occur independent of the permit process and include fish passage and road management improvements to address water quality standards, sediment delivery, and stream bank stability.</p> <p><u>Program Type:</u> Restoration <u>Applicable Subbasins:</u> All</p> <p>Forest Practices Board The Washington Forest Practices Board has established Washington Administrative Codes that govern forest practices on non-federal lands. Management of private industrial forest lands are subject to Forest Practices regulations which include both protective and restorative measures. Protective measures primarily include the establishment of riparian setbacks that are established in the DNR Forest Practices permitting process. In addition, all permits are screened for risks associated with unstable slopes. Restorative measures focus upon the maintenance and improvements of roads and culverts. Industrial landowners are required to develop road maintenance and abandonment plans. Large industrial forest owners are required to address road conditions and culverts within a 15-year timeline, while small industrial forest owners restoration activities are partially driven by availability of state-funding.</p>
Environmental Services - Department of Transportation	<p>Program Overview The Environmental Services Department of the Washington State Department of Transportation (WSDOT) is responsible for implementation of the department's transportation services with consideration to laws and statutes that govern environmental resources. The Biology Branch addresses issues involved with the Endangered Species Act, Fish Passage, Wetland Mitigation, and Wetland Monitoring. The Compliance Branch addresses regulatory compliance with the National Environmental Policy Act (NEPA), administers the Advance Environmental Mitigation Revolving Account for watershed management, and implements the Uniform Environmental Project Reporting System. Compliance also addresses flood management and hydrogeology, stormwater management, and NPDES. The Resource Branch addresses cultural resources, hazardous materials, water quality and erosion control, and air quality. The goal of the program is to ensure that fish have access to available functional habitat for spawning, rearing, and migration.</p>

Jurisdiction

The Department of Transportation is a state agency responsible for transportation issues on state-owned lands. WSDOT is responsible for complying with state and federal mandates. The Department must obtain permits from federal, state and local agencies when projects pass through sensitive areas, such as wetlands or stream corridors, or have the potential to impact threatened or endangered species.

Barriers to upstream migration may be caused by improperly placed or sized culverts or by culverts that settle over time. WSDOT replaces or modifies defective or insufficient culverts to facilitate salmon access to spawning and rearing areas upstream.

Effects on Fish /Factors for Decline

WDFW estimates that road crossings block a minimum of 3,000 miles of stream habitat in Washington. An estimated 10% of the barriers involve state roads and the remainder involves federal and private roads.

Correction of existing barriers is one of the most cost-effective ways to restore salmon habitat.

Culvert Replacement Program

The culvert replacement program inventories and corrects highway culverts that block fish passage. Factors that are corrected in older culverts include high water velocity, inadequate water depth, and large culvert outfall drops. Culvert barriers are corrected in the course of highway projects, as stand-alone projects, during routine maintenance or through a special retrofit program funded by the legislature. Approximately 600 barriers have been identified for correction, sixteen barriers had been removed by 2001-2003, and eleven projects are currently scheduled for 2003-2005.

Road Maintenance Program

WSDOT also has an ESA Section 4(d) Road Maintenance Program. The Maintenance Program is intended to fulfill objectives in four categories: operational, environmental, visual, and auxiliary. The primary elements of roadside maintenance include vegetation management, litter control, and maintenance of safety rest areas.

Vegetation Management

Vegetation management involves caring for and/or controlling foliage within the highway right-of-way. Properly managed roadside vegetation can become naturally self-sustaining over time and require less intervention from maintenance crews as it grows and matures. WSDOT uses an Integrated Vegetation Management (IVM) program to achieve this state of roadside stability. IVM is defined as a coordinated decision making process that uses the most appropriate long-term vegetation management strategy on a site-specific basis in an environmentally and economically sound manner. The IVM process consists of monitoring, determining injury levels and action thresholds, proper timing of maintenance efforts, selection of least disruptive control and effective

	<p>revegetation tactics and evaluation.</p> <p>Environmental Mitigation Program The goal of WSDOT’s environmental mitigation program is to offer the highest ecological benefit, the most cost effective use of tax dollars, and the most efficient use of permitting time. WSDOT is currently pursuing alternatives to traditional mitigation including anticipatory mitigation developed in advance of potential environmental impacts, consolidation of small mitigation needs into a mitigation bank, and working with partners to meet mitigation requirements in ways that have a higher ecological and social benefit than standard mitigation. The major focus of alternative mitigation is mitigation banking. The sponsor of the mitigation bank creates, restores enhances and preserves functioning wetlands to be used later as compensatory mitigation for unavoidable wetland impacts associated with authorized development occurring in the vicinity. Mitigation banks are permanently protected.</p>
<p>Conservation Commission</p>	<p>The Washington State Conservation Commission was created by statute in 1939 (RCW 89.08). The Commissioner staff is directed by a ten-member board who assist and guide the local conservation districts in their work. The Commission’s vision is to be an essential partner in strengthening Washington State’s commitment to natural resource stewardship. Their mission is to protect, conserve and enhance the natural resources of the state. The Commission provides leadership, partnerships and resources to support locally governed conservation districts in promoting conservation stewardship by all. The Commission also takes an active role in the development and implementation of state policies.</p> <p>The Conservation Commission manages multiple conservation programs. Unless otherwise specified by legislation, the Commission provides funds to each district. Hence, most of our programs consist of grants to fund conservation work performed by locals.</p> <p>Agriculture, Fish and Wildlife (AFW) in an on-going negotiation between several state agencies and the agriculture community. Its overall aim is to negotiate changes to the existing <i>Field Office Technical Guide</i>. It includes two major changes—guidelines for Irrigation Districts to enhance, restore, and protect habitat for endangered fish and wildlife species, and to address state water quality needs.</p> <p><u>Program Type:</u> Restoration and Protection <u>Applicable Subbasins:</u> All (if program is enacted)</p> <p>Conservation Reserve Enhancement Program (CREP) is a joint partnership between the State of Washington and the US Department of Agriculture. The program is administered by the Conservation Commission and the Farm Services Agency, with implementation of projects by individual Conservation Districts.</p> <p>The program is voluntary for landowners; lands enrolled in CREP are removed from production and grazing under 10 or 15 year contracts. In return, landowners plant trees and shrubs to stabilize the stream bank and provide a number of additional ecological functions. Landowners receive annual rent, incentive and maintenance payments.</p>

	<p><u>Program Type</u>: Restoration <u>Applicable Subbasins</u>: All</p>
<p>Weed Control Boards</p>	<p>Washington State enacted RCW 17.10 Noxious Weeds - Control Boards, in 1969 to limit economic loss due to the presence and spread of noxious weeds. Revisions to the law were made in 1987. This weed law mandates the control of many weed species. Noxious weeds are defined in the law as "...a plant which when established is highly destructive, competitive or difficult to control by cultural or chemical practices."</p> <p>Each year, the Washington State Noxious Weed Control Board updates the state noxious weed list. It is published in WAC 16-750: State Noxious Weed List and Schedule of Monetary Penalties. The list is divided into three different categories of weeds:</p> <p>Class A weeds are the highest priority species on the list. They are non-native species with a limited distribution in Washington. Preventing new infestations and eradicating existing infestations is required for all Class A species.</p> <p>Class B weeds are the second highest priority. They are non-native species that infest some regions of the state but not others. Class B species are designated for control in regions where they are not yet widespread. Preventing infestations in these areas is a high priority. In regions where a Class B species is already abundant, control is decided at the local level, with containment as the primary goal.</p> <p>Class C weeds are established throughout much of the state. Long-term programs of suppression and control are a local option, depending upon local threats and the feasibility of control in local areas.</p> <p>The local noxious weed control boards and weed districts carry out the state's noxious weed law at the local level.</p>
<p>Watershed Planning Units – WRIAs 25-28</p>	<p>Program Overview</p> <p>The 1998, the Washington state legislature passed HB 2514, (RCW 90.82) to set a framework for addressing the state's water resource, water quality issues as well as establishing instream flows to address salmon habitat needs. In response, the Washington State Department of Ecology (DOE) divided the watersheds of the state into Water Resource Inventory Areas (WRIAs). The Washington State Conservation Commission along with the Northwest Indian Fisheries Commission developed descriptions and limiting factors analysis for the following WRIAs associated with the Lower Columbia River:</p> <p>WRIA 25 is located in Southwest Washington within portions of Lewis, Cowlitz, and Pacific Counties. This area encompasses numerous tributaries to the Columbia River including Coal Creek, Germany Creek, Abernathy Creek, Mill Creek, Elochoman River, Skamokawa Creek, Grays River, and Deep River.</p> <p>WRIA 26 is located in Southwest Washington within portions of Lewis, Cowlitz, Skamania, Pierce, and Yakima Counties, and includes the Cowlitz River systems and its major tributaries; the Coweeman, Toutle, Tilton, and Cispus Rivers. The Cowlitz River enters the Columbia River at River Mile (RM) 68.</p> <p>WRIA 27 is located in Southwest Washington within portions of</p>

Skamania, Clark, and Cowlitz Counties, and includes three major watersheds; the Kalama River, the Lewis River (North Fork), and the East Fork Lewis River. All river systems within WRIA 27 drain to the Columbia River.

WRIA 28 is located in Southwest Washington, with boundaries that extend to the western margins of the Wind River to the east, the Columbia River to the south, and the East Fork Lewis River to the north. The inventory area includes the southern and eastern portions of Clark County and southwestern Skamania County. WRIA 28 is divided into three major subbasins: the Lake River Subbasin, the Washougal River Subbasin, and the Bonneville Tributaries Subbasin. These drainage's cover approximately 316,365 acres or 494 square miles and enter the Columbia River between river mile (RM) 87.6, at Lake River, and RM 142.3 near Bonneville Dam. The stated goals of HB 2514 are to manage water resources, protect existing water rights vital to both state and local interests, ensure that the state's water resources are used wisely by protecting existing water rights, protect instream flows for fish, and to provide for the economic well-being of the state's citizenry and communities.

Jurisdiction

Watershed planning was mandated by state legislature. Agencies involved in watershed planning include: The Department of Agriculture, The Conservation Commission, The Department of Community, Trade, and Economic Development, The Department of Ecology, The Department of Fish and Wildlife, The Department of Health, The Department of Natural Resources, The Department of Transportation, The Interagency Committee for Outdoor Recreation, The Puget Sound Water Quality Action Team, The Salmon Recovery Office Within the Governor's Office, and The State Parks and Recreation Commission. The WRIAs developed are managed at the local level.

Effects on Fish /Factors for Decline

The major habitat limiting factors common to most streams within WRIA 25 is Access: Several artificial passage barriers were identified that are either known barriers or barriers that need additional assessment. A number of the major fish passage barriers in WRIA 25 have been fixed or are slated for repair in the near future. Most of the historic off-channel and floodplain habitat has been disconnected from the river by diking and hardening the channels. Loss of these off-channel habitats limits rearing and over-wintering habitat for juvenile salmonids.

In WRIA 26, Mayfield, Mossyrock, and Cowlitz Falls dams form complete barriers to natural upstream migration and inhibit downstream migration. Over 300 miles of formerly productive habitat is either inaccessible or inundated by the reservoirs. Almost throughout WRIA 26, LWD abundance is below habitat standards. Riparian conditions are poor within most of the basins. Loss of riparian function affects water quality, erosion rates, streambank stability, and instream habitat conditions. Water quality, especially high water temperatures, was identified as a major limiting

	<p>factor within certain subbasins of WRIA 26. Both low flows that limit the rearing habitat and connectivity, and increased peak flows that alter instream habitat were considered significant problems in many subbasins. Most of the historic off-channel and floodplain habitat has been disconnected from the river by diking and hardening the channels and due to the 1980 eruption of Mount St. Helens. Loss of these off-channel habitats limits rearing and over-wintering habitat for juvenile salmonids within most subbasins.</p> <p>In WRIA 27, large woody debris (LWD) abundance was below the habitat standards. Riparian conditions were also poor within most of the basins. Loss of riparian function affects water quality, erosion rates, streambank stability, and instream habitat conditions. Water quality, especially high water temperatures, was identified as a major limiting factor within certain subbasins of WRIA 27. Water quantity was also identified as a limiting factor almost throughout WRIA 27. Both low flows that limit the rearing habitat and access and increased peak flows that alter instream habitat were considered significant problems in many of the subbasins.</p> <p>In WRIA 28, Various land uses practices have negative impacts on habitat conditions for salmonids. If these impacts continue at the existing rate in many of the subbasins of, habitat degradation will outstrip any possible restoration strategy. Stormwater in urban areas contributes to increased peak flows, leading to bed and bank scour and channel shifting. These inputs also contribute fine sediments and reduce water quality. Almost every stream system within WRIA 28 has inadequate levels of large woody debris (LWD). Many commercial forestlands are in the process of recovering from disturbances early in the last century. Other areas have reduced riparian function due to urban and rural development.</p>
<p>Department of Agriculture (WSDA)</p>	<p>The Washington State Department of Agriculture (WSDA) carries out more than 25 distinct programs that support the agricultural community and promote consumer and environmental protection. WSDA's Endangered Species Program (ESP) addresses the potential impact of pesticides on threatened and endangered species. The goal of this program is to work with the agricultural community and regulatory agencies to protect aquatic resources.</p> <p>The ESP is staffed with two environmental toxicologists, a GIS mapping/pesticide use specialist, two pesticide management practice specialists and a geo-spatial database developer. The ESP staff are collaboratively developing geo-spatial tools that will be used to identify, evaluate and potentially mitigate impacts to threatened and endangered species. ESP will use these tools to design and implement the Washington state-initiated endangered species protection plan for EPA.</p> <p>ESP will provide EPA with information relevant to Washington pesticide use ensuring that state-specific information is used for ESA/salmonid effects determinations. The information provided by ESP will consist of site-specific pesticide use, surface water monitoring data and commodity and salmonid mapping data. This data will be used to develop a geographic synthesis for analysis of potential impacts to Pacific Northwest salmonids. The ESP recently assisted the EPA in a study to determine the potential</p>

	<p>effects of seven pesticide active ingredients on salmon. EPA is conducting the effects determinations on 54 pesticide active ingredients in compliance with a 2002 ruling in a lawsuit brought by the Washington Toxics Coalition and other environmental and fishing groups. A later ruling requires buffer zones for any of the 54 pesticides that have not been reviewed by the EPA for effects determination of those pesticides that have been determined as “likely to adversely affect” salmonids. Of the seven chemicals recently tested, four received “may effect” determinations and require the “no-spray” buffers ordered in the Washington Toxics Coalition, et al. (WTC), v. EPA lawsuit.</p> <p>Pesticide/ESA Taskforce. The Washington State Pesticide/ESA Task Force is an interagency technical and policy team composed of scientists and managers from resource and regulatory agencies and includes National Marine Fisheries Service-Northwest Region, U.S. Fish & Wildlife Service-Western Washington Office, U.S. Environmental Protection Agency-Region 10, the Washington State Departments of Agriculture, Natural Resources, Ecology and Fish & Wildlife.</p> <p>Strategy Document. The Washington State Pesticide/ESA Task Force has finalized its strategy document entitled, “A Process for Evaluating Pesticides in Washington State Surface Waters for Potential Impacts to Salmonids”. The document outlines the strategy developed to evaluate the impacts of current pesticide use on threatened and endangered salmonids in Washington State.</p> <p>Program Type: Protection Applicable Subbasins: All</p>
<p>Department of Ecology</p>	<p>Water Resources. The goal of the Water Resources program is to manage water resources to meet the current and future needs of the natural environment and Washington’s communities. The program applies to all sixty-two water resource inventory areas (WRIAs), and is regulated by chapter 90 of the Revised Code of Washington (RCW).</p> <p>The major activities of the Water Resources program include administering water rights adjudication and compliance, local watershed management, restoring and maintaining stream flows, conservation and re-use of agricultural and municipal water supplies, well construction regulation, dam safety, and drought response. It also tracks ambient monitoring of flow, water quality, and lake stations, and the results of ecology studies. The Water Resources program has developed an action plan for setting, achieving and protecting stream flows for sixteen over-appropriated watersheds, called ‘water-critical basins.’ The action plan describes specific implementation strategies designed to meet the state’s obligations and responsibilities to set, achieve and protect stream flows. Implementation strategies are developed under different stream flow scenarios.</p> <p><u>Program Type</u>: Restoration <u>Applicable Subbasins</u>: All</p> <p>Total Maximum Daily Load Program. (TMDL) The Department of Ecology addresses water quality issues through its Water Cleanup Plans</p>

	<p>based upon the federal Clean Water Act, Section 303d. The TMDL Program establishes a new 303(d) list of polluted waterbody segments every two years and submits the list to the US Environmental Protection Agency. Ecology is then responsible to set priorities and prepare for Cleanup Plans for the impaired waterbody segments. A Cleanup Plan is designed to restore the beneficial use of the impaired waters. It consists of an analysis of how much pollution a waterbody segment can receive, recommendations for controlling point source and nonpoint source pollution, and a monitoring plan to ensure the effectiveness of cleanup actions.</p> <p><u>Program Type:</u> Restoration <u>Applicable Subbasins:</u> All</p> <p>Water Quality The goal of the Water Quality program is to protect and restore Washington's waters. The purpose of nearly all of the work conducted by the program is to prevent point source pollution or reduce nonpoint source pollution. In addition, the program is concerned with controlling stormwater pollution and the cleanup of polluted waters. It also provides financial assistance to local governments, state agencies and tribes to enable them to build, upgrade, repair or replace facilities to improve and protect water quality. The program also funds nonpoint-source control projects such as watershed planning, and stormwater management, and coordinates strategic grant and loan assistance with other state and federal funding agencies.</p> <p>The program monitors and conducts studies of ground water, including aquifer vulnerability, ground water quality standards, and critical aquifer recharge areas among other things. It provides technical and general information on stormwater, wastewater, and water reuse programs. It also grants general, industrial and wastewater permits, and certifies dams.</p>
<p>Lower Columbia River Estuary partnership (LCREP)</p>	<p>The Lower Columbia River Estuary Partnership is a bi-state, public-private initiative and a member of the national estuary program. It is implementing a comprehensive management plan for the 146 miles of the lower Columbia River and estuary. There are seven priority issues outlined in the plan, including 169 proposed measures. The actions are based on river needs, scientific studies, the visions and objectives developed for each of the seven priority issues, and significant input from citizens of the lower Columbia River and estuary. The Management Plan has no regulatory authority, and the Management Plan actions rely on voluntary participation. The plan continues to be supported by a broad stakeholder group now engaged in its implementation.</p> <p><u>Program Type:</u> Protection <u>Applicable Subbasins:</u> All</p>
<p>Salmon Recovery Funding Board</p>	<p>Program Overview In 1999, the Legislature created the Salmon Recovery Funding Board (SRFB). Composed of five citizens appointed by the Governor and five state agency directors, the board brings together the experiences and</p>

	<p>viewpoints of citizens and the major state natural resource agencies. The board provides grant funds to protect or restore salmon habitat and assist related activities. It works closely with local watershed groups known as lead entities. SRFB has helped finance over 500 salmon recovery projects. The Board supports salmon recovery by funding habitat protection and restoration projects. It also supports related programs and activities that produce sustainable and measurable benefits for fish and their habitat. The (SRFB) guides spending of funds targeted for salmon recovery activities and projects. The goal of the SRFB is to protect and restore salmon habitat.</p> <p>Jurisdiction The SRFB provides grant funding for improvements on private lands throughout the state and Lower Columbia Region</p> <p><u>Effects on Fish /Factors for Decline</u> The SRFB addresses all limiting factors for habitat including fish access and barriers to passage; decreased floodplain and channel complexity; degradation of riparian areas and wetlands; impaired water quality; sediment transport and fine sediments; basin hydrology and stream flow.</p>
<p>Washington State Department of Transportation</p>	<p>The primary goal of the Washington State Department of Transportation (WSDOT) is to provide safe, efficient, dependable and environmentally responsible transportation facilities and services. The need to provide transportation for the state requires that WSDOT assume the role of developer. As a developer, the Department must obtain permits from federal, state and local agencies when projects pass through sensitive areas, such as wetlands or stream corridors. As a state agency, WSDOT is committed to preserving, protecting and enhancing the state's natural resources.</p> <p>Agency biologists are located in several WSDOT regions, as well as at the WSDOT Headquarters in Olympia. Headquarters biologists serve as an "on-call" resource to the regions. WSDOT biologists are involved in all stages of project development, from early planning to long-term maintenance activities. Some of the tasks WSDOT biologists are frequently involved in include:</p> <ul style="list-style-type: none"> • Project Impact Assessment • Biological assessments for threatened and endangered species • Stream surveys • Fish-passage assessment and enhancement • Maintenance and evaluation of wildlife mortality data • Interagency training and environmental research <p><u>Program Type:</u> Protection and Restoration <u>Applicable Subbasins:</u> All</p>

1.5.4 Local Government Programs	
Skamania County (land use programs)	<p>Comprehensive Planning. Skamania County adopted a comprehensive plan (non-GMA) that provides broad planning direction to a variety of regulatory and management programs. Examples ordinances include: zoning, critical areas, shoreline, roads, parks, urban growth boundaries, and weed control. Other typical County-level ordinances, such as stormwater and erosion control, weed control, and clearing and grading are not in place in Skamania County; however, some of the protections are addressed in currently existing programs, and other ordinances are under development (e.g. stormwater).</p> <p>Critical Areas. Skamania County’s Critical Areas Ordinance identifies restrictions to land use activities that occur within defined limits of critical areas. Critical areas are defined as wetlands; aquifer recharge areas; fish and wildlife habitat conservation areas; frequently flooded areas; geologically hazardous areas; ponds and lakes; and streams, creeks and rivers.</p> <p>Wetland Class I—200’ Class II—100’ Class III—50’ Class IV—25’</p> <p><u>Ponds/Lakes</u> Class I—150’ Class II—100’ Class III—50’ Class IV—25’</p> <p><u>Streams, Creeks & Rivers</u> Class I—100’ Class II—100’ Class III—100’ Class IV—50’ Class V—25’</p> <p>Shoreline Management. Skamania County’s Shoreline Management Ordinance provides protections offered under the Shorelines Management Act of 1971. It addresses the Washougal River from the Gifford Pinchot NF to the Clark County line. The Ordinance protects these shorelines from substantial development and extensive timber harvest within a 200’ zone.</p> <p>Zoning. Zoning categories include: commercial timber; forest/agriculture 20; residential 10; residential 5; residential 2; and mixed zoning.</p> <p>Other Programs. Skamania County has a Roads and Parks Program that has practices for dealing with environmental issues. It also administered positions of Highway 14 that are protected under the current NSA Act.</p>
Clark County	<p>GMA Comprehensive Plan. Clark County is a Growth Management County and is currently in the process of updating its comprehensive plan. The plan sets the overall guidance and direction that is implemented through other County programs. Collectively, these programs are</p>

regulatory in nature and protect natural resources by directing and managing population growth.

Critical Aquifer Recharge Areas. Clark County protects the quality of groundwater in areas where there is potential for groundwater use by the public. It accomplishes this goal by limiting potential contaminants within designated areas. These areas, Class I and II critical aquifer recharge areas, relate to groundwater wells and underlying aquifers, notably the unconsolidated sedimentary aquifer and the Troutdale gravel aquifer. CARA's are present in most of Clark County west of the Cascade foothills.

Flood Hazard Areas
Clark County regulates development in flood hazard areas to protect the health and safety of its citizens. It accomplishes this goal by defining a Flood Plain Overlay District and limiting construction or reconstruction of structures. The Flood Plain Overlay District is based upon areas identified by Federal Emergency Management Agency as special flood hazards.

Geologic Hazard Areas
Clark County regulates development activities in geologic hazard areas. These areas include steep slopes hazard areas, landslide hazard areas and seismic hazard areas. Regulations apply to all construction, development, earth movement, clearing, or other sited disturbance that requires a permit.

Habitat Conservation
Clark County protects environmentally distinct, fragile and valuable fish and wildlife habitat areas through its Habitat Conservation Ordinance (HCO). The HCO attempts to conserve the functional integrity of fish and wildlife habitats while allowing for the reasonable use of private property. Standards of the ordinance apply to proposed development or non-development clearing activities within designated habitat areas. Categories include:
Riparian Priority Habitats: Areas extending outward from high water mark to the edge of the one-hundred year floodplain, or the following distances, if greater:
DNR Type 1 & 2 waters: 250'
DNR Type 3 waters: 200'
DNR Type 4 & 5 waters: 150'
Priority Habitats & Species: areas identified and consistent with the Washington Department of Fish and Wildlife; 1000' of individual species point sites.
Locally important habitats and species: Areas legislatively designated and mapped by the County because of unusual or unique habitat warranting protection because of qualitative species diversity or habitat system health indicators.

Wetland Protection
Clark County protects wetlands and wetlands functions by regulating activities that can eliminate or significantly reduce the ability of wetlands to provide important environmental functions. The ordinance applies to proposals for projects on real property that contain a nonexempt wetland or wetland buffer. Buffers are determined based upon the category of

wetland and the quality of the buffer.

Category 1 wetland: 300'

Category 2 wetland: 200'

Category 3 wetland: 100'

Category 4 wetland: 50'

Adjusted base buffer width:

Type A buffer: 40%

Type B buffer: 30%

Type C buffer: 15%

Type D buffer: 0%

Road Operations. Clark County developed a road operations program that is seeking compliance under the ESA 4d Limit, Section 10. The program follows a Best Management Practice Manual that was developed in conjunction with King County and NOAA Fisheries. The Road Operations Program ensures that Best Management Practices are followed for road construction and maintenance, employee training, research, and monitoring and reporting.

Parks Operations. Clark County park maintenance and operations activities have been reviewed and restructured to reduce risk to watershed health and to enhance habitat where possible. This program is important as parks and open space represent opportunities to conserve important habitat and implement restoration activities.

Conservation Futures. Clark County's Conservation Futures program acquires open space, critical habitat, and park lands. In some cases, the lands acquired are then targeted for restoration activities for salmonids, as well as other fish and wildlife values.

ESA Program

Program Overview

In response to the listings of threatened fish, Clark County has implemented an Endangered Species Program to address ESA requirements and develop a comprehensive salmon recovery strategy. The strategy involves cooperation among numerous groups, including federal, state, and local governments; citizen groups; Native American groups; the business community, and environmental groups. Clark County has developed a 4(d) Compliance Work Plan to ensure that the County's ordinances respond to statutory mandates surrounding environmental issues. The plan includes reviewing three basins in the County to develop a baseline survey of the biological health of fish in these basins. This information is used by the County to determine how its ordinances, for growth and development, will impact salmon.

The goal of the programs is to recover threatened and endangered species and to conserve habitats necessary to restore and support healthy, viable populations of native species. Administrators of the program work with citizens and governments to recover threatened and endangered species through policy, education, and conservation measures. The program provides information to citizens and governments to make decisions on actions that have the potential to impact fish populations including education and outreach programs to encourage salmon-friendly habits and

	<p>use of best management practices.</p> <p>Jurisdiction The program is implemented by Clark County, which has local jurisdiction.</p> <p>Effects on Fish /Factors for Decline Clark County is reviewing its own activities and operations to ensure that they do not harm fish. . Clark County has also established a citizen-based ESA Advisory Committee to help the County address salmon recovery issues, and provide a view of proposed ESA measures to citizens. The (ESA) Program is intended to address all limiting factors for habitat including fish access and barriers to passage; decreased floodplain and channel complexity; degradation of riparian areas and wetlands; impaired water quality; sediment transport and fine sediments; basin hydrology and stream flow; tributary dams and hydropower.</p> <p>Other Programs. Clark County has a variety of other programs that have important contributions to watershed health and salmonid recovery. They include: Weed Management, Education, Restoration Partnerships, Regional Networks, and Monitoring. Clark County also has several programs in various stages of development or is considering them in concept. They include: Watershed Template, Outreach, and Agriculture.</p>
Cowlitz County	<p>Comprehensive Plan The County Comprehensive Plan, adopted by the Board of County Commissioners on November 1, 1976, is a statement of policies and goals that guides growth and development throughout the County. The purpose of the Plan is to manage the County's growth in an orderly, positive, and constructive fashion. All other development ordinances, including land use (zoning), subdivision, and environmental regulations must be in compliance with and consistent with this Comprehensive Planning document.</p> <p>The Washington Growth Management Act sets up a system of state mandated comprehensive planning for the most populated and fastest growing counties of the state. Cowlitz County is not subject to most provisions of the GMA. However, the GMA does mandate that all counties (including Cowlitz County) develop and adopt an ordinance that classifies, designates, and protects critical areas. Cowlitz County adopted such an ordinance on June 24, 1996. Other environmental regulations growing out of the GMA are also being addressed by the County, especially in the areas of forestry and fish and wildlife protection. Specifically, the plan preserves unique fish and wildlife habitats and natural areas.</p> <p>Critical Area Ordinance The goal of this ordinance is to designate critical areas and assure their conservation. Critical areas include wetlands, aquifer recharge areas, geologically hazardous areas, fish and wildlife habitat, and frequently</p>

flooded areas. Some of the following regulations may be mitigated or appealed. Violations are a civil infraction, and are subject to the Civil Enforcement Code, Title 2.06.

Wetlands

Wetlands are divided into four classifications and development activities are regulated accordingly. Buffer widths are determined according to soil type and function for wildlife and fisheries. Buffer widths determined according to soil type range from 40' to 200'. Buffer widths determined according to function and value for wildlife and fisheries range from 75' to 200', depending upon the wetland acreage and special sensitivities such as heritage sites, bogs, and mature forested swamps.

Fish and Wildlife Habitat

Fish and wildlife habitat conservation areas are designated according to whether the area is associated with an endangered or threatened species, the area's local importance, and whether it is a shellfish area, a kelp bed or a spawning area, a natural occurring pond, water of the state, among other things. Development activities in areas that are designated for fish and wildlife habitat conservation are regulated.

Frequently Flooded Areas

Frequently flooded areas are those identified in the Federal Emergency Management Agency (FEMA) and approved by the County as within the 100-year flood plain. Development within these areas must comply with the Cowlitz County floodplain management ordinance.

Geologic Hazard Areas

Geologic hazard areas include lands classified as landslide hazard areas, erosion hazard areas, seismic hazard areas, mine hazard areas, and volcanic hazard areas. Development activities in each area of classification must comply with the standards in the Cowlitz County code as well as other relevant codes and regulations. Landslide and erosion hazard areas require grading and erosion control. Seismic hazard areas must comply with the Uniform Building Code. Mine hazard areas may require a geotechnical assessment, and development of volcanic hazard areas must comply with FEMA regulations for floodplain management.

Critical Aquifer Recharge Areas

Critical Aquifer Recharge Areas (CARAs) are highly susceptible to contamination because of high soil permeability and high water table. Development activities such as waste disposal facilities, storage of hazardous substances, utility transmission facilities, and land divisions are regulated according to the Washington Administrative Code. In addition, hydrogeologic testing and site evaluation may be required.

Shoreline Management

The County's shoreline management program is designed to implement the Shorelines Management Act and associated rules for permitting and

	<p>enforcement. The purpose of the program is to enhance shorelines and protect against adverse effects to vegetation, wildlife, water, and aquatic life. Shoreline management substantial development permits for certain projects are reviewed by the shoreline management department, and approved by the board when found to be consistent with the program.</p> <p>Floodplain Management The floodplain management ordinance implements the Washington State flood control zone permit program, regulates floodplain development, is intended to minimize the need for emergency rescue and expenditure of public money on flood control project, ensures that those occupying flood hazard areas assume responsibility, and implements FEMA. It accomplishes these goals by regulating development activities on floodplains.</p> <p>Parks and Recreation Board The objective of the Parks and Recreation Board is to provide advice to the Board of County Commissioners regarding the acquisition, improvement and maintenance of County parks, playgrounds, and recreational facilities.</p>
<p>Lewis County</p>	<p>Land Use and Development Regulations <u>Critical Areas Protection</u> The purpose of this chapter is to identify and protect critical areas and protect human health and safety as required by the Growth Management Act (GMA). Existing agricultural activities, routine maintenance, construction maintenance, passive recreational uses, site investigative work, and any projects under review on lands designated as critical areas are exempt from the provisions of this chapter. These provisions are enforced under the Revised Code of Washington, and the Lewis County prosecuting attorney may bring such other legal actions as necessary. This chapter is the written policy of Lewis County, and is enforceable through the State Environmental Policy Act (SEPA). <i>Wetlands:</i> Wetlands are identified through the USACE Wetland Delineation Manual, and are classified as either Class A (a category I or II wetland under the Department of Ecology rating system) or Class B (a category III or IV wetland under the Department of Ecology rating system). Wetland buffers are determined based on the class of the wetland and the level of intensity of uses of the wetland, whether the area is urban or rural, and whether there is an allowed alteration to the buffer or a buffer enhancement. Class A wetland, low intensity: 50' Class A wetland, high intensity: 100' Class B wetland, low intensity: 50' Class B wetland, high intensity: 50' The replacement ratios for wetlands are as follows: Class A wetland, category I: 4:1 Class A wetland, category II: 2:1 Class B wetland: 1.5:1 <i>Fisheries Habitat:</i> Lewis County's policy is to protect fisheries habitat as</p>

part of habitat conservation areas. The County adopts the Department of Natural Resources Official Water Type maps. Streams are classified as types one through five based on water typing criteria (channel width, gradient, flow, impoundment, fisheries, diversion, and others). Buffer requirements are as follows:

Rural→	High Intensity Use	Low Intensity Use
Stream type 1:	100'	50'
Stream type 2:	100'	50'
Stream type 3:	100'	50'
Stream type 4:	50'	25'
Stream type 5:	25'	25'
Urban→		
Stream type 1:	100'	50'
Stream type 2:	75'	50'
Stream type 3:	50'	50'
Stream type 4:	25'	25'
Stream type 5:	10'	10'

Wildlife Habitat: A site is critical wildlife habitat when the habitat exists, is used for at least two consecutive seasons prior to the permit application, and, within urban areas, that the species will likely continue to use the habitat one full urbanization is reached. Lewis County adopts the WDFW Management Recommendations for Washington's Priority Habitat and Species, as may be amended, for guidelines for habitat protection and buffer creation and maintenance for listed species. Buffers in urban areas take precedence over other critical area buffers; in rural areas the buffers shall be overlapping and the most restrictive will apply. The wildlife habitat criteria are recommended by the Washington State Department of Fish and Wildlife, and are mandatory only to the extent that they are part of a program adopted as a regulation by the WDFW, reasonably ascertainable, and properly applicable.

Frequently Flooded Areas: The purpose of the frequently flooded areas article is to help the public and private sectors avoid losses due to flood conditions in specific areas. Frequently flooded areas are those lands identified by FEMA as those areas falling within the 100-year floodplain.

Aquifer Recharge Areas: The purpose of this article is to prevent significant degradation of ground water resources, to recognize the potential connection between surface and groundwater resources, to balance competing needs for water under regulate activities, and to comply with the Water Pollution Control Act. Aquifer recharge areas are categorized as severely, moderately or slightly sensitive. Certain development activities are prohibited, depending upon aquifer category, and whether it is a high or low intensity use.

Geologically Hazardous Areas: It is the purpose of this article to minimize hazards to the public from development activities on or adjacent to areas of geological hazard. Geologically hazardous areas include the following: erosion hazard areas, landslide hazard areas, seismic hazard areas, mine hazard areas, and volcanic hazard areas.

Shoreline Management

The purpose of the shoreline management chapter of the Lewis County Code is to implement the Shoreline Management Act. The chapter requires permits for substantial development activities. Any person guilty of violation of the Shoreline Management Act is subject to the penalties described in the Revised Code of Washington.

Buildings and Construction

Flood Damage Prevention

The purpose of the flood damage prevention chapter is to promote the general welfare and to minimize public and private losses due to flood conditions in the areas specified by the provisions. In order to accomplish this purpose, the chapter restricts uses which are dangers to safety and property due to water or erosion hazards, it requires that facilities vulnerable to floods be protected at initial construction, it controls the alteration of natural floodplains and protective barriers and any development which may increase flood damage, and regulates the construction of flood barriers. The special flood hazard areas are identified by the Federal Insurance Administration engineering report on the Lewis County. The degree of flood protection required by this chapter is considered reasonable for regulatory purposes and is based on scientific and engineering considerations.

The general standards for flood hazard reduction including, among other things, anchoring new construction to prevent flotation or collapse, flood-resistant construction materials and methods, water supply and sewer systems designed to minimize infiltration of floodwaters into the system, and subdivision proposals shall have adequate drainage provided to reduce exposure to flood damage. Landfill, substantial improvements, and new construction are prohibited in designated floodways. The flood hazard reduction title also provides requirements for shallow flood areas.

Stormwater Management

The purpose of the stormwater management chapter is to help protect individual property rights, preserve fish habitat, and promote sound development activities that respect and preserve water quality. The provisions are intended guide development activities, and the adequacy of submitted drainage plans is determined according to the Dept. of Ecology's (DOE's) Stormwater Management Manual. Design criteria include a natural location for surface and stormwater discharge, analysis of off-site conditions, runoff control, infiltration basins, and water quality control. Stormwater discharges must be treated and controlled by a suitable combination of best management practices (BMPs). Other BMPs include runoff treatment, streambank erosion control, erosion and sedimentation control, and wetland quality control.

Any violation of these regulations is subject to the general penalties described in the Lewis County Code. A violation may also be declared a public nuisance, and appropriate legal steps taken, including stop work

	orders.
Wahkiakum County	<p>Critical Area Protection Ordinance The purpose of this chapter is to identify and protect critical areas and protect human health and safety as required by the Growth Management Act (GMA). Existing agricultural activities, routine maintenance, construction maintenance, passive recreational uses, site investigative work, and any projects under review on lands designated as critical areas are exempt from the provisions of this chapter. These provisions are enforced under the Revised Code of Washington, and the Wahkiakum County prosecuting attorney may bring such other legal actions as necessary. This chapter is the written policy of Lewis County, and is enforceable through the State Environmental Policy Act (SEPA).</p> <p>Frequently Flooded Areas The purpose of the frequently flooded areas article is to help the public and private sectors avoid losses due to flood conditions in specific areas. Frequently flooded areas are those areas identified in the Flood Insurance Study for Wahkiaum County for FEMA as those areas falling within the 100-year floodplain, and.</p> <p>Geologically Hazardous Areas Geologically hazardous areas are those areas susceptible to erosion, sliding, earthquake or other geological event that pose a threat to the health and safety of the public. <i>Erosion hazard areas:</i> Erosion hazard areas are sites designated by the USDA Soil Conservation Service as containing highly erodible or having the potential to become highly erodible due to disturbance of ground cover. <i>Seismic hazard areas:</i> Seismic hazard areas are areas subject to a severe risk of earthquake damage as a result of seismically induced ground shaking, slope failure, deferential settlement, soil liquefaction, or surface faulting. <i>Volcanic hazard areas:</i> Volcanic hazard areas are areas which have potential risk to life and property by mud flows or flooding as a result of volcanic activity from Mt. St. Helens. <i>Landslide hazard areas:</i> Landslide hazard areas are areas within Wahkiakum County that are subject to potential slope failure due to a combination of geologic, topographic and hydrologic factors.</p> <p>Aquifer Recharge Areas There are no known aquifer recharge areas in Wahkiakum County</p> <p>Wetlands Wahkiakum County defines wetlands as areas that are inundated or saturated by surface water or ground water at a frequency and duration sufficient to support, and that under normal circumstances do support, a prevalence of vegetation typically adapted for life in saturated soil</p>

	<p>conditions. Wetlands are classified according to the Washington State Wetland Rating System for Western Washington, Second Edition. Development with a designated wetland is regulated, and carries buffer requirements. Buffer requirements are based on the category of wetland, and the intensity of the proposed land use. These standards may be modified in certain circumstances.</p> <p>Category I wetland→ high intensity: 200' low intensity: 150' Category II wetland→ high intensity: 150' low intensity: 100' Category III wetland→ high intensity: 75' low intensity: 50' Category IV wetland→ high intensity: 50' low intensity: 25'</p> <p>Wetland replacement ratio is based on the Washington State Department of Ecology publication entitled "Wetland Mitigation Replacement Ratios: Defining Equivalency."</p> <p>Category I→ 6:1 Category II or III→ Forested 3:1 Scrub-Shrub 2:1 Emergent 2:1 Category IV→ 1.25:1</p> <p>Fish and Wildlife Conservation Areas Fish and wildlife conservation means land management for maintaining species in suitable habitats within their natural geographic distribution so that isolated subpopulations are not created. Fish and wildlife habitat conservation areas are designated according to whether the area is associated with an endangered or threatened species, the area's local importance, and whether it is a shellfish area, a kelp bed or a spawning area, a natural occurring pond, water of the state, among other things. Development activities in areas that are designated for fish and wildlife habitat conservation are regulated. Riparian zones are required for all regulated activities adjacent to streams, and are as follows:</p> <table border="0" data-bbox="462 1291 1079 1470"> <thead> <tr> <th></th> <th>High Intensity Use</th> <th>Low Intensity Use</th> </tr> </thead> <tbody> <tr> <td>Stream type 1:</td> <td>100'</td> <td>50'</td> </tr> <tr> <td>Stream type 2:</td> <td>100'</td> <td>50'</td> </tr> <tr> <td>Stream type 3:</td> <td>75'</td> <td>50'</td> </tr> <tr> <td>Stream type 4 & 5:</td> <td>50'</td> <td>25'</td> </tr> </tbody> </table> <p>Shoreline Management Program The Wahkiakum Shoreline Management Program, along with the Shoreline Management Act describe the requirements for a permit to develop shoreline property.</p>		High Intensity Use	Low Intensity Use	Stream type 1:	100'	50'	Stream type 2:	100'	50'	Stream type 3:	75'	50'	Stream type 4 & 5:	50'	25'
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Stream type 2:	100'	50'														
Stream type 3:	75'	50'														
Stream type 4 & 5:	50'	25'														
<p>Pacific County</p>	<p>Critical Areas and Resource Lands Ordinance Critical areas and resource lands as defined by this ordinance may not be altered in the absence of express approval by Pacific County.</p> <p>Mitigation A mitigation project are those actions necessary to replace project-induced critical area and associated buffer setback losses. Such actions avoid,</p>															

minimize, or compensate for adverse impacts to regulated critical areas or their buffers. Mitigation can also include Mitigation Bank credits that are awarded for projects that create new wetlands, or enhance or restore existing disturbed wetlands. Development permits may be withheld, or refundable cash payments required until mitigation actions are complete.

Exemptions

Activities that are exempt from these provisions include emergency actions, existing and on-going agricultural operations, maintenance and repair of existing structures and utilities, modification of existing buildings, navigation aids and boundary marker construction, site investigative work, non-developmental activities such as recreation, activities aimed at controlling *Spartina Alterniflora*, and Forest Practices covered under Chapter 76.09 of the RCW.

Penalties and Enforcement

The ordinance provides for both civil and criminal penalties for violations. These penalties do not absolve the person from the need to correct their violation.

Variations

A variance is granted if special conditions exist peculiar to the land, that a literal interpretation of the provisions would deprive the person of their property rights enjoyed by those who conform to the ordinance, that the special conditions are not the result of actions of the person seeking the variance, that the variance will not confer a special privilege, that the variance is the minimum necessary to afford relief, and that the variance will not create significant impacts to critical areas and resource lands.

Wetlands Regulations

Identification: Wetlands are determined according to the “Washington State Wetlands Identification and Delineation Manual.” If Pacific County has reason to believe that a wetland may exist within 100 feet of a proposed development activity, a written determination (by the USACE, Dept. of Ecology, or a qualified critical areas professional) must be submitted. If a wetland exists, it must be classified according to the Wetland Rating Classes scale.

Class I wetlands: 100’ standard buffer width

Class II wetlands: 75’ standard buffer width

Class III wetlands: 50’ standard buffer width

Class IV wetlands: 25’ standard buffer width.

Mitigation: Any loss of wetlands shall be mitigated by creating or restoring new wetlands. Ratios of wetlands created or restored to wetlands impacted are as follows:

Class I wetlands → 4:1

Class II wetlands → 2:1

Class III and IV wetlands → 1.5:1

Insufficient wetland buffers are treated as a loss of wetlands.

	<p>Fisheries Habitat Regulations Pacific County’s policy is to protect habitat conservation areas and adopts the DNR’s Official Water Type Maps. <i>Standard Stream Setback Width Requirements:</i> Type 1: 100’ Type 2: 100’ Type 3: 100’ Type 4: 50’ Type 5: 25’ Prohibited activities within stream setbacks include removal of more than 30% of stream bank tree canopy within any ten years, land filling or grading, and land clearing or vegetation removal that results in exposure of bare earth.</p> <p>Wildlife Habitat Regulations Fish and wildlife habitat conservation areas include areas with which endangered, threatened, and sensitive species have a primary association, such as commercial and recreational shellfish beds, kelp and eelgrass beds, and waters of the state. Mitigation actions must address restoration, rehabilitation, and alternatives according to specific requirements.</p> <p>Frequently Flooded Areas Regulations Frequently flooded areas are those floodways and associated floodplains designated by FEMA, or by the comprehensive flood management plan adopted by the Pacific County Board of County Commissioners.</p> <p>Aquifer Recharge Regulations <i>Identification:</i> An aquifer recharge areas is any land within Pacific County that contains soil types as listed in the “Soil Survey of Grays Harbor County Area, Pacific County, and Wahkiakum County, Washington,” 1986, Soil Conservation Service, USDA. These types include beaches, dune sand, netarts fine sand, and orcas peat. <i>Protection Standards:</i> New development activities such as solid waste landfills, creosote manufacturing or treatment, and chemical manufacture or reprocessing are not permitted within designated Aquifer Recharge Areas. New residential developments require minimum net land areas when gravity on-site septic systems are proposed, and certain new non-residential development activities require an Aquifer Recharge Area Report.</p> <p>Geologically Hazardous Areas Regulations Geologically hazardous areas include erosion hazard areas, landslide hazard areas, seismic hazard areas, and mine hazard areas. <i>Erosion and Landslide areas:</i> Grading and other construction activities shall not aggravate slope instability, undergrowth shall be preserved, no slash or other foreign material may be used, and ground disturbance minimized. Land use activities must also conform to ground surface</p>
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	<p>erosion control management standards, drainage standards, buffers, and design guidelines as specified in the ordinance.</p> <p><i>Mine hazard areas:</i> Development is prohibited within these areas.</p> <p><i>Seismic hazard areas:</i> All development within these areas must comply with the Uniform Building Code requirements.</p> <p>SEPA Ordinance The County intends that compliance with this ordinance constitutes complete procedural compliance with SEPA and SEPA rules, which are adopted by reference.</p> <p>Shoreline Master Program The Shoreline Master Program applies to all shorelines of the state as defined in RCW 90.58 and located within the jurisdiction of Pacific County. It is authorized under the Shoreline Management Act, RCW 90.58, and its purpose is to meet local responsibilities for the implementation of the policy of the state. With this master program, Pacific County intends to recognized and protect state-wide interest over local interest, preserve the natural character of the shoreline, provide long-term over short-term benefits, protect the resources and ecology of the shorelines, increase public access to publicly owned areas of shorelines, and increase recreation opportunities for the public in shoreline areas. These goals are accomplished through the substantive regulations that the County must use in processing land development applications within the jurisdiction of the master program.</p>
<p>City of Camas</p>	<p>The city of Camas is located along the Columbia River, approximately five miles west of Washougal. It has a population of approximately 14,000 residents.</p> <p>Stormwater. The city of Camas stormwater policy is intended to minimize or prevent adverse water quality impacts. It implements this policy by assessing the probable effect of the impact and need for mitigating measures.</p> <p>Shoreline Management. The city’s shoreline management policy is an implementation of the Shoreline Management Act which protects public health, the land, vegetation and wildlife, the waters of the state and their aquatic life.</p> <p>Erosion Control. The city’s erosion control policies are intended to avoid such detrimental effects such as excessive sediment deposits in storm drainage systems and stormwater facilities, damages that occur to fisheries from clogged spawning beds and increased turbidity levels, and runoff sediment deposits in lakes. In general, responsibility for Best Management Practices (BMP) erosion control is that of the property owner and the person holding the development permit. Any person instituting new development upon a small parcel is also required to establish erosion control.</p>

	<p>Flood Hazard Control. Camas' flood hazard regulations are in place to promote the general welfare, and to minimize losses due to flood conditions. Generally, this includes water supply systems that are designed to minimize the infiltration of floodwaters into the system and the prohibition of encroachments in special flood hazard areas.</p> <p>Weed Management. The city of Camas requires all owners and occupants within the city limits to remove or destroy all trees, plants, shrubs or vegetation that overhangs sidewalks or parking strips, or which constitutes a fire hazard.</p> <p>Wetland Standards. The city's wetlands standards are intended to avoid adverse impacts to wetlands and wetland buffers, except where it is demonstrated that such impacts are unavoidable and necessary, or that all economic use of the property would be denied. The standards regulate activities such as excavating, dumping, destruction of vegetation, and activities that would result in a change in water temperature or the water level/table. Wetland buffer zones are required for all activities adjacent to wetlands. The width of the buffer is to be established by the planning manager, and should reflect the sensitivity of the wetland and the type and intensity of human activity proposed. Required buffer width is generally 50'. This may be reduced to 25' for wetlands determined to be of low quality, or expanded to 100' for high quality wetlands. Wetlands comprise roughly 5% of the land within city limits.</p>
Town of Yacolt	<p>Critical Lands Ordinance</p> <p>The purpose of this ordinance is to protect critical areas and to channel development to less ecologically sensitive areas. Critical areas include wetlands, critical aquifer recharge areas (CARAs), wildlife habitat conservations areas, frequently flooded areas, or geologically hazardous areas. Development activities within these areas require critical area permits. However, the code provides that if the activity is already approved through a more general permit, the critical area permit is not required. All critical areas are specified according to Yacolt zoning maps.</p>
City of Woodland	<p>Critical Areas Regulation</p> <p>According to the standards of the Growth Management Act, the city of Woodland has codified such designated critical areas by map and adopted development regulations to assure the conservation of such areas. The city also requires a critical area permit if the proposed development is located on a critical area or associated buffer. Some of the following regulations may be mitigated or appealed. Violations are a civil infraction, and are subject to the Civil Enforcement Code, Title 2.06.</p> <p><u>Wetlands</u></p> <p>Wetlands are divided into four classifications and development activities are regulated accordingly. Buffer widths are determined according to soil</p>

type and function for wildlife and fisheries. Buffer widths determined according to soil type range from 40' to 200'. Buffer widths determined according to function and value for wildlife and fisheries range from 75' to 200', depending upon the wetland acreage and special sensitivities such as heritage sites, bogs, and mature forested swamps.

Fish and wildlife habitat

Fish and wildlife habitat conservation areas are designated according to whether the area is associated with an endangered or threatened species, the area's local importance, and whether it is a shellfish area, a kelp bed or a spawning area, a natural occurring pond, or water of the state, among other things. Development activities in areas that are designated for fish and wildlife habitat conservation are regulated.

Frequently flooded critical areas

Frequently flooded areas are those identified in the Federal Emergency Management Agency (FEMA) and approved by the County as within the 100-year flood plain. Development within these areas must comply with the city of Woodland floodplain management ordinance.

Geologic hazard areas

Geologic hazard areas include lands classified as landslide hazard areas, erosion hazard areas, seismic hazard areas, mine hazard areas, and volcanic hazard areas. Development activities in each area of classification must comply with the standards in the Cowlitz County code as well as other relevant codes and regulations. Landslide and erosion hazard areas require grading and erosion control. Seismic hazard areas must comply with the Uniform Building Code. Mine hazard areas may require a geotechnical assessment, and development of volcanic hazard areas must comply with FEMA regulations for floodplain management.

Category I critical aquifer recharge areas

Category I critical Aquifer Recharge Areas (CARAs) are highly susceptible to contamination because of high soil permeability and high water table. Development activities such as waste disposal facilities, storage of hazardous substances, utility transmission facilities, and land divisions are regulated according to the Washington Administrative Code. In addition, hydrogeologic testing and site evaluation may be required.

Shoreline Management

The city adopts by reference the Shorelines Management master program for Cowlitz County.

Flood Damage Prevention

The goal of this ordinance is to promote the general welfare and to minimize public and private losses due to flood conditions in specific areas. This goal is accomplished by restricting uses which are dangerous to health, safety and property due to water or erosion hazards, or which result in damaging increases in erosion or in flood heights or velocities, requiring that uses vulnerable to floods be protected against flood damage

	<p>at the time of initial construct, controlling the alteration of natural flood plains and natural protective barriers, controlling filling and other development which may increase flood damage, and preventing or regulating the construction of flood barriers.</p>																		
<p>City of Ridgefield</p>	<p>City of Ridgefield Municipal Code The city of Ridgefield adopts by reference SEPA provisions. The critical areas are identified on the city’s comprehensive plan map, and described in the sensitive lands chapter of the zoning code.</p> <p>Zoning The purpose of the sensitive lands district is to balance the conservation and enhancement of sensitive land while encouraging urban densities and affordable housing. The intent of the district is to achieve no net loss of any of the sensitive lands. The sensitive lands district also protects the attendant buffers.</p> <p>Wetlands The city defines wetlands as those areas that are inundated or saturated by surface water or groundwater at a frequency and duration sufficient to support a prevalence of vegetation typically adapted for life in saturated soil conditions. The code also lists examples of areas that do and areas that do not fall under the definition of wetland, including artificially created wetlands. Ridgefield ranks wetlands according to the Washington state four-tier system, in categories one through four. The city discourages development in wetland areas, and requires a 2:1 ratio replacement rate for wetlands lost due to high failure rate of replacement areas.</p> <table border="0" data-bbox="459 1178 1414 1398"> <thead> <tr> <th></th> <th style="text-align: center;">Protected buffer</th> <th style="text-align: center;">Managed</th> </tr> </thead> <tbody> <tr> <td>Buffer</td> <td></td> <td></td> </tr> <tr> <td>Category I wetlands:</td> <td style="text-align: center;">200’</td> <td style="text-align: center;">100’</td> </tr> <tr> <td>Category II wetlands:</td> <td style="text-align: center;">100’</td> <td style="text-align: center;">50’</td> </tr> <tr> <td>Category III wetlands:</td> <td style="text-align: center;">50’</td> <td style="text-align: center;">25’</td> </tr> <tr> <td>Category IV wetlands:</td> <td style="text-align: center;">25’</td> <td style="text-align: center;">25’</td> </tr> </tbody> </table> <p>Category I and II aquifer recharge areas Category I aquifer recharge areas are areas where an aquifer that is a source of drinking water is vulnerable to contamination that would affect the potability of the water, the city wellheads, and include lands within a zone of contribution. Development within category I areas is limited. Category II aquifer recharge areas include groundwater in critical aquifer recharge areas based on the Safe Drinking Water Act and the Wellhead Protection Area Program of the Washington Administrative Code (WAC), and provides a list of prohibited activities in these areas.</p> <p>Fish and wildlife habitat conservation areas Fish and wildlife areas are divided into four basic categories. <i>Riparian areas:</i> Riparian areas are those areas immediately adjacent to</p>		Protected buffer	Managed	Buffer			Category I wetlands:	200’	100’	Category II wetlands:	100’	50’	Category III wetlands:	50’	25’	Category IV wetlands:	25’	25’
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	<p>waterways that contain elements of both aquatic and terrestrial ecosystems that mutually influence each other.</p> <table border="1" data-bbox="462 226 1414 598"> <thead> <tr> <th></th> <th colspan="2" style="text-align: center;">Soil stability buffer→</th> </tr> <tr> <th></th> <th style="text-align: center;">Low</th> <th style="text-align: center;">High</th> </tr> </thead> <tbody> <tr> <td><i>Type I</i> (Shorelines):</td> <td style="text-align: center;">300'</td> <td style="text-align: center;">300'</td> </tr> <tr> <td><i>Type II</i> (Perennial or fish bearing stream):</td> <td style="text-align: center;">250'</td> <td style="text-align: center;">200'</td> </tr> <tr> <td><i>Type III</i> (Perennial or fish bearing stream):</td> <td style="text-align: center;">150'</td> <td style="text-align: center;">100'</td> </tr> <tr> <td><i>Type IV</i> (Intermittent stream):</td> <td style="text-align: center;">150'</td> <td style="text-align: center;">100'</td> </tr> <tr> <td><i>Type V</i> (Intermittent stream with or without a channel):</td> <td style="text-align: center;">100'</td> <td style="text-align: center;">50'</td> </tr> </tbody> </table> <p><i>Point Source areas:</i> Point source areas are lands where species designated as endangered, threatened or sensitive have a primary association with that land.</p> <p><i>Local Habitat Areas:</i> Habitats of local importance include seasonal range or habitat element with which a given species has a primary association, including areas of species richness, breeding habitat, and winter ranges. People may nominate areas for inclusion on the Sensitive Lands Map.</p> <p><i>Priority Habitat Species areas:</i> Areas designated by state map and buffers.</p> <p>Frequently flooded areas Frequently flooded areas are lands in the floodplain subject to a one percent or greater chance of flooding in any given year. This designation also includes the one hundred year flood plain of the Federal Emergency Management Agency and the National Flood Insurance Program.</p> <p>Geologically hazardous areas Geologically hazardous areas are those areas that are susceptible to erosion, sliding, earthquake or other geological events. Such areas include erosion hazard areas, landslide hazard areas, and seismic hazard areas.</p> <p>Slopes Slopes, including those with a gradient of fifteen percent or greater, are considered constrained lands. Slopes of twenty-five percent or greater are considered unbuildable.</p> <p>Stormwater Any development on sensitive lands shall be consistent with the adopted version of the Stormwater Management Manual for the Puget Sound Basin, Washington State Department of Ecology.</p>		Soil stability buffer→			Low	High	<i>Type I</i> (Shorelines):	300'	300'	<i>Type II</i> (Perennial or fish bearing stream):	250'	200'	<i>Type III</i> (Perennial or fish bearing stream):	150'	100'	<i>Type IV</i> (Intermittent stream):	150'	100'	<i>Type V</i> (Intermittent stream with or without a channel):	100'	50'
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City of Kelso	<p>Environmental Code</p> <p><u>Shorelines</u></p> <p>Shoreline management is accomplished through the adoption of the shorelines management master program for the County, prepared by the Cowlitz-Wahkiakum Regional Planning Commission.</p>																					

Floodplain Management

The city finds that the losses due to flood hazards adversely affect the general welfare, and are exacerbated by areas of obstruction and inadequate floodproofing. The purpose of the flood management ordinance is to promote the general welfare, and to minimize public and private losses due to flood conditions by describing methods of reducing flood losses. The city restricts uses that are dangerous to health, safety and property due to water or erosion hazards; controls the alteration of natural floodplains, stream channels and natural protective barriers; controls the filling, grading, dredging and other development that may increase flood damage; and regulates the construction of flood barriers.

Critical Areas

Wetlands

Wetlands are classified according to four categories. The minimum required buffer widths are as follows:

Category 1 wetlands: 200'

Category 2 wetlands: 100'

Category 3 wetlands: 50'

Category 4 wetlands: 50'

Wetland mitigation standards also require minimum ratios of replacement.

Category 1 wetlands: 6:1

Category 2 wetlands: at least 2:1, not to exceed 3:1

Category 3 wetlands: at least 2:1, not to exceed 3:1

Category 4 wetlands: 1:1

Fish and Wildlife habitat conservation areas

Fish and wildlife habitat conservation areas are designated according to whether the area is associated with an endangered or threatened species, the area's local importance, and whether it is a shellfish area, a kelp bed or a spawning area, a natural occurring pond, water of the state, among other things. Development activities in areas that are designated for fish and wildlife habitat conservation are regulated.

Geologic hazard areas

The geologic hazard areas ordinance requires a geotechnical assessment or erosion hazard assessment prepared for all development activities occurring within a designated landslide, erosion, seismic, mine hazard, or volcanic hazard areas.

Stormwater

The purpose of the stormwater management utility measure is to counter the potential hazard to the general welfare of the city posed by stormwater runoff. The city finds that the development of real property, through the creation of impervious surface area, is an appropriate basis for determining an individual parcel's contribution to the problem of stormwater runoff. Natural and manmade stormwater facilities and conveyances together constitute a stormwater drainage system and effective regulation and control of stormwater through formation by the city of a stormwater utility requires the transfer to the utility of all stormwater facilities and conveyances and related rights belonging to the

	city.
City of Kalama	<p>Environmental Code <u>Critical Areas Protection</u> The city of Kalama’s critical areas protection is a response to the state mandated Growth Management Act (GMA). This chapter of the city code is designed to encourage landowners to protect critical areas. The GMA requires the city to adopt development regulations affecting certain types of land to assure the conservation of such areas.</p> <p><i>Wetlands</i> Wetlands are divided into four classifications and development activities are regulated accordingly. Buffer widths are determined according to soil type and function for wildlife and fisheries. Buffer widths determined according to soil type range from 40’ to 200’. Buffer widths determined according to function and value for wildlife and fisheries range from 75’ to 200’, depending upon the wetland acreage and special sensitivities such as heritage sites, bogs, and mature forested swamps.</p> <p><i>Fish and wildlife habitat conservation areas</i> Fish and wildlife habitat conservation areas are designated according to whether the area is associated with an endangered or threatened species, the area’s local importance, and whether it is a shellfish area, a kelp bed or a spawning area, a natural occurring pond, or water of the state, among other things. Development activities in areas that are designated for fish and wildlife habitat conservation are regulated.</p> <p><i>Geologic hazard areas</i> Geologic hazard areas include lands classified as landslide hazard areas, erosion hazard areas, seismic hazard areas, mine hazard areas, and volcanic hazard areas. Development activities in each area of classification must comply with the standards in the Cowlitz County code as well as other relevant codes and regulations. Landslide and erosion hazard areas require grading and erosion control. Seismic hazard areas must comply with the Uniform Building Code. Mine hazard areas may require a geotechnical assessment, and development of volcanic hazard areas must comply with FEMA regulations for floodplain management.</p> <p><i>Critical aquifer recharge areas</i> Critical Aquifer Recharge Areas (CARAs) are highly susceptible to contamination because of high soil permeability and high water table. Development activities such as waste disposal facilities, storage of hazardous substances, utility transmission facilities, and land divisions are regulated according to the Washington Administrative Code. In addition, hydrogeologic testing and site evaluation may be required.</p> <p><i>Shoreline Master Program</i> The city of Kalama adopts in full the Shoreline Master Program for Cowlitz County.</p> <p>Erosion Control The erosion control ordinance provides that the property owner and the person undertaking the activity are the responsible parties. This entails</p>

	<p>sediment removal from roadways, stabilization of denuded areas, protection of water bodies, sediment traps, and stormdrain inlet protection, among other things. Enforcement of these requirements corresponds with the degree of impact of erosion from the site on natural and manmade water bodies. The director may utilize a combination of enforcement mechanisms, including civil and criminal penalties.</p> <p>Floodplain Management The purpose of floodplain management is to promote the general welfare by regulating floodplain development, minimizing the need for emergency rescue and expenditure, and to minimize damage to public facilities and prolonged business interruptions. Development within floodplains must comply with the following standards, among others: altered or relocated waterways within a floodplain must be maintained so that flood-carrying capacity is not diminished, development that threatens to adversely alter the flood of floodwaters or adversely affect a floodway is prohibited, all new construction must be anchored, and all new construction must be from materials resistant to flood damage.</p>
<p>City of Vancouver</p>	<p>The city of Vancouver is located on the north bank of the Columbia River. Its population is approximately 144,000 residents. Vancouver's comprehensive planning occurs under the auspices of the state Growth Management Act, including transportation planning and planning for facilities such as sewer, water, drainage, parks and fire. In addition, the City must coordinate with Clark County on comprehensive planning activities under GMA.</p> <p>Comprehensive Planning. The City of Vancouver's comprehensive plan was created under the requirements of the Growth Management Act. It is implemented through Vancouver's Development Code, which contains regulations to manage the community's growth in a manner that ensures efficient use of land, encourages good design, and responsibly stewards the city's natural resources including airsheds, watersheds, wildlife habitats and open space. Vancouver has recently updated its comprehensive plan, as required by the state.</p> <p>Erosion Control. The purpose of erosion control measures is to minimize erosion from land development and land-disturbing activities for the general public welfare and to prevent erosion and sedimentation of water bodies. Some of the specific requirements of erosion control include sediment removal from roadways, stabilization of denuded areas, protection of water bodies, sediment traps, and storm drain inlet protection. Erosion control plans must be submitted to the city prior to clearing, grading or construction for any projects requiring a city permit or any land-disturbing activity.</p> <p>Stormwater Control. The purpose of stormwater control measures is to promote public health and safety by preventing surface and ground water</p>

quality degradation and erosion and sedimentation of water bodies caused by development activities. It is also meant to maintain existing groundwater levels, in-stream flows, and available water supply volumes. The city has designated standard best management practices (BMPs) for the treatment of stormwater, including infiltration basins and trenches, roof downspout systems, constructed wetlands or wet ponds, and others.

Zoning. The zoning districts under the comprehensive plan include environmental districts, wetlands planning, and shoreline enhancement. Upon failure to comply with the requirements of a particular district the city may resort to fines or legal remedies.

Environmental Districts. The environmental districts preserve, protect and enhance sensitive fish and wildlife habitat, including habitat in areas where industrial development is permitted by prohibiting impervious surfaces, structures or buildings within these areas. Development activities within environmental districts may be permitted by the planning official, after consultation with State and Federal resource management agencies.

Shoreline Enhancement District. The shoreline enhancement district implements policies and procedures of the Shoreline Management Act.

Wetland Protection. City policy also requires wetland planning to maintain natural wetland functions, including the avoidance of net loss of wetlands. Wetlands planning does not apply to exempted wetlands. Wetlands are classified into five categories in order to determine replacement standards and buffer requirements. Base buffer width is also adjusted based on four buffer classifications.

Category 1 wetland: 300'

Category 2 wetland: 200'

Category 3 wetland: 100'

Category 4 wetland: 50'

Category 5 wetland: 0'

Adjusted base buffer width:

Type A buffers: 40%

Type B buffers: 30%

Type C buffers: 15%

Type D buffers: 0%

Flood Hazard Areas. The purpose of flood hazard areas is to promote the general welfare and to minimize losses due to floods. The purposes are achieved by provisions controlling the alteration of natural flood plains, stream channels and natural protective barriers, and also those provisions controlling the filling, grading, dredging and other developments which may increase flood damage.

	<p>Geologic Hazard Areas. Geologic hazard areas include landslide hazard areas, steep slope areas, earthquake hazard areas, and unconsolidated fill areas. Provisions require a 50' vegetated buffer from the top and along the sides of the landslide hazard area or steep slope, a 25' vegetated buffer from the toe of the landslide hazard area or steep slope, and that existing native vegetation and mature trees on slopes greater than 40% must be conserved. Steep slope in particular comprises roughly 30% of the sixteen square miles of the city of Vancouver and the lands to the northeast.</p> <p>Critical Area Ordinance. The city Critical Area Ordinance identifies wetlands, floodplains, geologic hazard areas, habitat areas, and wellhead locations. Actions within these areas are subject to environmental review.</p>
<p>Town of Cathlamet</p>	<p>Environmental Code The town of Cathlamet's environmental code consists of an adoption of State Environmental Policy Act (SEPA) and a chapter on flood damage prevention. Cathlamet does not address critical areas such as wetlands, fish and wildlife habitat, and geologic hazards. Neither does it directly address erosion and stormwater control outside of the context of flood damage prevention.</p> <p><u>SEPA Policies and Procedures</u> Cathlamet adopts Chapter 197-11 of the Washington Administrative Code, including SEPA's purpose, general requirements, categorical exemptions, environmental impact statements and environmental impact statements.</p> <p><u>Flood Damage Prevention</u> The purpose of the flood damage prevention chapter is to promote the general welfare and to minimize public and private losses due to flood conditions in the areas specified by the provisions. In order to accomplish this purpose, the chapter restricts uses which are dangers to safety and property due to water or erosion hazards, it requires that facilities vulnerable to floods be protected at initial construction, it controls the alteration of natural floodplains and protective barriers and any development which may increase flood damage, and regulates the construction of flood barriers. The special flood hazard areas are identified by the Federal Insurance Administration engineering report. The degree of flood protection required by this chapter is considered reasonable for regulatory purposes and is based on scientific and engineering considerations.</p> <p>The general standards for flood hazard reduction include, among other things, anchoring new construction to prevent flotation or collapse, flood-resistant construction materials and methods, water supply and sewer systems designed to minimize infiltration of floodwaters into the system, and subdivision proposals shall have adequate drainage provided to reduce</p>

	<p>exposure to flood damage. Landfill, substantial improvements, and new construction are prohibited in designated floodways. The flood damage prevention chapter also provides requirements for shallow flood areas.</p> <p><u>Shorelines</u> Shorelines are subject to the Shoreline Master Program of Cathlamet, which outlines permit requirements for development activities.</p>
<p>City of Battleground</p>	<p>The city of Battleground’s comprehensive planning occurs under the auspices of the state Growth Management Act, including transportation planning and planning for facilities such as sewer, water, drainage, parks and fire. In addition, the City must coordinate with Clark County on comprehensive planning activities under GMA. Battleground has a current population of approximately 12,560 residents.</p> <p>Environmental Code, Title 18 The ordinances enacted under the Environmental Code are authorized by the State Environmental Policy Act (SEPA). SEPA must be followed in conjunction with this title.</p> <p><u>Wetlands Protection</u> The provisions of the wetlands ordinance apply to any proposal for a project involving nonexempt wetland or wetland buffer. This includes, among other things, the construction of structures, stormwater management facilities, and the destruction of native vegetation. Exempted wetland include small wetlands that are less than one acre in area, artificial wetlands, riparian areas regulated under the Shorelines Management Act, category two wetlands, and activities permitted by the U.S. Army Corps of Engineers. <i>Enforcement:</i> if an individual is deemed to have violated the provisions of this chapter, the city may revoke any permits issued, seek an injunction, or charge the individual with a misdemeanor.</p> <p><i>Wetland Rating System:</i> wetlands are determined to be one of two categories. Category 1 wetland: 90’ base buffer requirement Category 2 wetland: no buffer requirement</p> <p><u>Stormwater</u> The purpose of the Stormwater Ordinance is to prevent surface and groundwater degradation and erosion, to protect the quality of waters for beneficial uses, to maintain existing groundwater levels and instream flows. These provisions apply to development activities that involve the creation of more than 2,500 square feet of impervious surface, the addition of more than 1,000 square feet of new impervious surfaces, or the replacement of existing structures exceeding 5,000 square feet. The provisions also apply to drainage projects, but exclude residential short plats. Stormwater plans require approval by the director of the city of</p>

	<p>Battle Ground public works department and all projects are required to provide treatment of stormwater runoff according to specified BMPs. Stormwater management also encompasses erosion control requirements.</p> <p>Critical Area Ordinance Battleground’s Critical Area Ordinances (CAOs) are those identified by the Revised Code of Washington (RCW) §36.70A.060. The RCW allows local departments of trade and economic activity, in collaboration with the state department of ecology, to classify the critical areas. Battleground’s municipal code foregoes this classification of critical areas. Critical areas are instead referenced only in terms of categorical exemptions such as minor new construction, minor land use decisions, and natural resources management. Further, property owners are allowed to transfer development potential that is reduced on one portion of a site due to critical area regulations to other portions of the site in order to maintain urban densities.</p> <p>Parks Battleground city ordinances provide for a Park Advisory Board. The Board is entrusted with the responsibilities of advising the city on the acquisition, control, improvement, beautification and planning of all public squares and parks of the city. The board also may make recommendations on updating the parks element of the city’s comprehensive plan.</p>
<p>CREST regional planning – Columbia River Estuary Study Taskforce</p>	<p>Program Overview CREST is a council of local governments serving as a forum for collaboration and regional planning that provides technical assistance to local governments and implements restoration and protection of the Columbia River Estuary (river mile 0-46). The program provides resource protection, restoration, and management for anadromous and resident fish. CREST assists local jurisdictions with permitting issues, zoning ordinances, comprehensive plan and shoreline master plan amendments, estuarine impact analysis, and wetland, dredging, and water quality issues. CREST also provides technical assistance to the watershed councils of Clatsop County. CREST supports K-12 environmental and marine educational activities, helps citizens’ gain access to relevant information, and coordinates activities among various branches of government. CREST gathers information on topics of regional importance and provides updates to CREST's member jurisdictions.</p> <p>CREST developed the Columbia River Estuary Regional Management Plan, which was adopted in local comprehensive plans, and shoreline master programs. This plan contains an inventory of physical, biological and cultural characteristics of the estuary. Based on data needs identified during the development of the plan, Congress authorized and funded the Columbia River Estuary Data Development Program (CREDDP). This program provided a wealth of information that is still used by the local governments and by state and federal agencies in resource planning.</p>

	<p>Jurisdiction CREST is a non-regulatory agency. CREST is a Council of Governments that includes the local counties, cities, and port districts surrounding the Columbia River Estuary in both Oregon and Washington. Current members include Clatsop, Wahkiakum, and Pacific Counties; the cities of Astoria, Warrenton, Ilwaco, and Seaside; the Port districts of Astoria, Ilwaco, and Wahkiakum (No.2); and Clatsop Soil and Water Conservation District. The governing body of CREST is the CREST Council, which is comprised of an elected official and an appointed alternate from each jurisdiction.</p> <p>Effects on Fish /Factors for Decline Poor communication and lack of information have been identified as fish limiting factors. Agencies frequently work at cross-purposes resulting in poorly coordinated efforts and ineffective management. CREST is designed to improve management coordination between governmental agencies.</p>
<p>Clark Conservation District</p>	<p>Clark Conservation District (Clark CD) is one of 48 non-regulatory conservation districts in Washington State. Clark CD’s geographic boundaries are the same as Clark County. Conservation Districts match local resource needs with technical and financial resources to assist landowners solve on-the-ground conservation needs. Clark CD utilizes several fund sources to assist agricultural landowners, including Centennial Clean Water Funds and US Department of Agriculture Conservation Reserve and Enhancement Program. Most of Clark CDs efforts are directed to Salmon Creek and the Lewis Basins.</p> <p>Conservation Reserve and Enhancement Program. (CREP) is a joint partnership between the State of Washington and the US Department of Agriculture. The Conservation Commission and the Farm Services Agency administer the program, but projects are implemented by Conservation Districts.</p> <p>The program is voluntary for landowners; lands enrolled in CREP are removed from production and grazing under 10 or 15 year contracts. In return, landowners plant trees and shrubs to stabilize the stream bank and provide a number of additional ecological functions. Landowners receive annual rent, incentive and maintenance payments.</p> <p><u>Program Type:</u> Protection and Restoration <u>Applicable Subbasins:</u> Salmon Creek, East Fork Lewis, North Fork Lewis, and the Washougal Basins.</p> <p>Farm Planning. Clark CD receives Centennial Clean Water funding to assist agricultural landowners in the development of farm plans. Farm plans capture goals, optimize use, protect sensitive areas, and conserve resources. Currently, farm planning occurs in Salmon Creek, East Fork Lewis, and North Fork Lewis Basins.</p> <p><u>Program Type:</u> Protection and Restoration <u>Applicable Subbasins:</u> Salmon Creek, East Fork Lewis, North Fork Lewis, and the Washougal Basins.</p>
<p>Lower Columbia</p>	<p>Program Overview</p>

<p>Fish Recovery Board</p>	<p>The Lower Columbia Fish Recovery Board encompasses five counties in the Lower Columbia River Region. The 15-member board is responsible for developing and implementing the habitat portion of an approved state and federal recovery plan. To accomplish this, the Board is authorized to establish habitat project criteria, prioritize and approve projects, acquire and distribute funds for projects, enter into contracts on behalf of project sponsor, and assess and monitor project outcomes. Technical analysis of habitat factors that are limiting salmon recovery for this region is being coordinated by the Conservation Commission as provided for by the Salmon Recovery Act (ESHB 2496). This limiting factors analysis provides information for identifying and setting priorities for projects to restore salmon habitat.</p> <p>The Board is the Lower Columbia region's lead agency for watershed planning efforts established by the state legislature in 1998 through House Bill 2514. This responsibility includes appointing multi-WRIA planning teams to determine the scope of planning in their watersheds. These planning units will address the major factors of decline in four main areas: water quality, quantity, habitat and instream flows.</p> <p>The Board's mission is to recover steelhead and other species listed under the federal Endangered Species Act through the development and implementation of a comprehensive recovery plan..</p> <p>Jurisdiction</p> <p>The Lower Columbia River Salmon Recovery Region encompasses five counties in Southwest Washington. This Region includes Clark, Cowlitz, Lewis, Skamania, and Wahkiakum, and portions of Pacific and Klickitat Counties. The 1998 Legislature provided the Washington State Department of Ecology with grants to support local efforts under the Watershed Planning Act. The money is available for organizing local watershed planning units, for conducting watershed assessments and for developing a watershed management plan.</p> <p>Local watershed planning units operating under the Watershed Planning Act include the following WRIs Willapa (24 - Chinook and Wallicut rivers) Grays-Elokoman (25), Cowlitz (26), Lewis (27), Salmon-Washougal (28),</p> <p><u>Effects on Fish /Factors for Decline</u></p> <p>The LCFRB addresses all limiting factors for habitat. These factors include fish access and barriers to passage; decreased floodplain and channel complexity; degradation of riparian areas and wetlands; impaired water quality; sediment transport and fine sediments; basin hydrology and stream flow; tributary dams and hydropower.</p>
<p>1.5.5 Non-Governmental Programs</p>	
<p>Columbia Land Trust</p>	<p>The Columbia Land Trust is a private, non-profit organization founded in 1990. It is committed to conserving signature landscapes and vital habitat in partnership with the communities of the Columbia River region. CLT</p>

	<p>works exclusively with willing landowners to find ways to conserve the scenic and natural values of the land and water. Landowners donate the development rights or full ownership of their land to the Land Trust. CLT manages the land under a stewardship plan and, if necessary, will legally defend its conservation values. The Trust also identifies priority conservation lands to purchase. Using financial contributions from private donors, the Land Trust leverages these donations to acquire grants from state and federal sources to acquires lands with significant scenic, recreation, or habitat value.</p> <p><u>Program Type:</u> Protection <u>Applicable Subbasins:</u> All</p>
<p>National Fish and Wildlife Foundation</p>	<p>The National Fish and Wildlife Foundation is a private, non-profit organization established by Congress in 1984 to conserve healthy populations of fish, wildlife and plants through partnerships, sustainable solutions, and better education. The Foundation meets these goals by awarding matching grants comprised of federal and non-federal funds, to projects benefiting conservation education, habitat protection and restoration, and natural resource management. The Foundation creates partnerships among federal, state, and local governments, corporations, private foundations, individuals, and non-profit organizations.</p> <p>Protection of healthy rivers and wetland systems is among the Foundation’s investment goals and strategies. Also included in the Foundation’s goals and strategies is the conservation of keystone wildlife species of special concern; protection of forests, grasslands, and oceans; promotion of conservation education programs that reach the general public, stakeholders, and resource managers including local communities, land-owners, and affected industry; and the support of conservation of trust species protected in law or under international treaty.</p> <p><u>Program Type:</u> Protection and Education <u>Applicable Subbasins:</u> All</p>

Recovery Planning Program Inventory Questionnaire

The lower Columbia salmon recovery/subbasin planning initiative is a broad-based, collaborative effort involving federal and state agencies, tribes, local governments and the public to develop a scientifically credible, socially acceptable and economically sustainable plan for:

1. Restoring Endangered Species Act (ESA)-listed salmonids to healthy and harvestable levels; and
2. Protecting, enhancing, and mitigating other fish and wildlife species that have been adversely affected by the development and operation of the Federal Columbia River Power System.

As part of this effort, LCFRB, with the assistance of representatives from federal, tribal, state, and local agencies and organizations developed this questionnaire to gather information about programs that potentially affect salmonids (and other fish and wildlife) species in the Lower Columbia Region. Information gathered through the questionnaire will aid in the development of a salmon recovery plan for the Lower Columbia Region. Your assistance in completing the questions is greatly appreciated. The questionnaire is fairly brief and should take ten to fifteen minutes to complete. **Please complete the questionnaire and return it by fax or mail to the contact person below within 7 days.** If you have questions, please contact:

Corrinne Humphrey, The JD White Company, Inc.
1111 Main Street, Suite 300, Vancouver, WA 98668
Phone: (360) 696-1338 Fax: (360) 696-9317
E-mail: chumphrey@jdwhite.com

Thank you for your assistance!

1.	Name of Agency/Organization:
2.	Primary function of Agency/Organization:
	Agency/Organization type: <input type="checkbox"/> Federal <input type="checkbox"/> State <input type="checkbox"/> Regional <input type="checkbox"/> County <input type="checkbox"/> City <input type="checkbox"/> Tribe <input type="checkbox"/> Non-governmental
3.	Program Title (for each agency program, please make additional copies of this questionnaire):
4.	What is the jurisdiction of program? (check all that apply) <input type="checkbox"/> Federal <input type="checkbox"/> State <input type="checkbox"/> Regional <input type="checkbox"/> County <input type="checkbox"/> City <input type="checkbox"/> Tribe
5.	Branch of Agency/Organization responsible for program:
6.	Program status: <input type="checkbox"/> New Program <input type="checkbox"/> Existing Program <input type="checkbox"/> Existing Program Undergoing Changes <input type="checkbox"/> Existing Program Not Fully Implemented <input type="checkbox"/> Other (please explain):

7.	Program/Regional Manager: Name: Street Address, City, State, Zip: Telephone: Fax: E-mail:				
	Primary Contact: Name: Street Address, City, State, Same Zip: Telephone: Fax: E-mail:				
	Preferred method of contact: <input type="checkbox"/> Telephone <input type="checkbox"/> Fax <input type="checkbox"/> Mail <input type="checkbox"/> E-mail				
8.	General program description: (Brief explanation of basic program purpose and objectives)				
9.	Purpose/Function of program: (Check all that apply)				
	<table border="1"> <tr> <td>Regulatory:</td> <td>Resource Management:</td> </tr> <tr> <td> <input type="checkbox"/> Land Use <input type="checkbox"/> Resource Use <input type="checkbox"/> Water Quality </td> <td> <input type="checkbox"/> Resource Use/Extraction <input type="checkbox"/> Resource Protection (including preservation and acquisition) <input type="checkbox"/> Resource Restoration </td> </tr> </table>	Regulatory:	Resource Management:	<input type="checkbox"/> Land Use <input type="checkbox"/> Resource Use <input type="checkbox"/> Water Quality	<input type="checkbox"/> Resource Use/Extraction <input type="checkbox"/> Resource Protection (including preservation and acquisition) <input type="checkbox"/> Resource Restoration
Regulatory:	Resource Management:				
<input type="checkbox"/> Land Use <input type="checkbox"/> Resource Use <input type="checkbox"/> Water Quality	<input type="checkbox"/> Resource Use/Extraction <input type="checkbox"/> Resource Protection (including preservation and acquisition) <input type="checkbox"/> Resource Restoration				

<input type="checkbox"/> Water Quantity <input type="checkbox"/> Habitat, Wetlands		<input type="checkbox"/> Anadromous Fish Management <input type="checkbox"/> Resident Fish Management <input type="checkbox"/> Wildlife Management	
Management:		Assistance:	
<input type="checkbox"/> Design and/or Engineering <input type="checkbox"/> Construction <input type="checkbox"/> Maintenance/Operations		<input type="checkbox"/> Technical <input type="checkbox"/> Financial <input type="checkbox"/> Education	
		<input type="checkbox"/> Other (please describe): <hr/> <hr/>	
10.	What is the mechanism(s) used to accomplish the program (i.e. ordinances, permits, land purchase, etc)?		
11.	What is the action that triggers the program (i.e. permit, citation, violation, etc.)?		

Continued Next Page

12.	What species the program may affect? (Check all that apply) <input type="checkbox"/> Chinook <input type="checkbox"/> Steelhead <input type="checkbox"/> Chum <input type="checkbox"/> Bull Trout <input type="checkbox"/> Coho <input type="checkbox"/> Coastal Cutthroat <input type="checkbox"/> Other: <u>Watershed function, other wildlife species</u>
13.	What potential does the program have to assist in the recovery of the above species? <input type="checkbox"/> High <input type="checkbox"/> Moderate <input type="checkbox"/> Low Please explain: The Land Trust can acquire critical lands for conservation and recovery.
14.	Is there a specific activity within the program that presents opportunities for species recovery? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Possible Please explain: Columbia Land Trust is focused on projects that will accomplish restoration and protection of critical habitat areas of the lower Columbia River.
15.	Could the program hamper species recovery? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Possible Please explain: Columbia Land Trust is a conservation organization whose mission includes protection of land and conservation values – including protecting salmonid habitat and restoring watershed function.
16.	Factors affected by the program: <input type="checkbox"/> Habitat <input type="checkbox"/> Hydropower <input type="checkbox"/> Harvest <input type="checkbox"/> Hatcheries <input type="checkbox"/> Other (please explain):
17.	Primary habitat indicators affected: (select all that apply) <input type="checkbox"/> Water Temperature <input type="checkbox"/> Sediment/Turbidity from Land Disturbance <input type="checkbox"/> Water Pollution from Chemicals or Nutrients <input type="checkbox"/> Physical Barriers to Fish Passage <input type="checkbox"/> Character of Instream Structure (gravels, wood, pools) <input type="checkbox"/> Off-Channel and Wetland Habitat Functions <input type="checkbox"/> Impacts to Refugia or Sensitive Areas <input type="checkbox"/> Stream Meander Patterns and Channel Migration <input type="checkbox"/> Natural Streambank Conditions <input type="checkbox"/> Floodplain Connectivity
	<input type="checkbox"/> Stormwater Discharge and Changes to Hydrograph <input type="checkbox"/> Peak or Base Stream Flows <input type="checkbox"/> Direct or Indirect Water Withdrawals <input type="checkbox"/> Road Density and Location in Relation to Streams <input type="checkbox"/> Disturbance of Native Vegetation <input type="checkbox"/> Riparian Areas and Reserves

19. Basin applicability:

- | | |
|---|--|
| <input type="checkbox"/> All | <input type="checkbox"/> Chinook River and tributaries |
| <input type="checkbox"/> Mainstem Columbia River (including sloughs) | <input type="checkbox"/> Coweeman River and tributaries |
| <input type="checkbox"/> Bonneville Tributaries | <input type="checkbox"/> Elochoman/Skamokawa |
| <input type="checkbox"/> Cispus River and tributaries | <input type="checkbox"/> Kalama River and tributaries |
| <input type="checkbox"/> East Fork Lewis River and tributaries | <input type="checkbox"/> Lewis River and tributaries |
| <input type="checkbox"/> Grays/Deep River and tributaries | <input type="checkbox"/> Mill/Abernathy/Germany |
| <input type="checkbox"/> Lake River and tributaries | <input type="checkbox"/> Toutle River and tributaries |
| <input type="checkbox"/> Lower Cowlitz River and tributaries (below Mayfield) | <input type="checkbox"/> Wind River and tributaries |
| <input type="checkbox"/> Upper Cowlitz River (above Mayfield) | <input type="checkbox"/> Little White Salmon River and tributaries |
| <input type="checkbox"/> Tilton/Mayfield | <input type="checkbox"/> Other (Please describe) |
| <input type="checkbox"/> Riffe Lake and tributaries | _____ |
| <input type="checkbox"/> Washougal River and tributaries | _____ |

20. Descriptive Information References: (please list citation if possible)

- Laws _____
- Ordinances _____
- Statues _____
- Administrative Codes _____
- Written Documents _____

21. Please provide the name and contact information for others you suggest we contact about programs that may affect salmon:
