

WASHINGTON STATE DEPARTMENT OF NATURAL RESOURCES
HABITAT CONSERVATION PLAN
FY 2004 ANNUAL REPORT



Annual Report to the Services:
NOAA Fisheries
U.S. Fish and Wildlife Service

For the period
July 1, 2003 – June 30, 2004

Habitat Conservation Plan
Annual Report to the Services – FY 2004

TABLE OF CONTENTS

1. Introduction

- Planning Units
- HCP Conservation Planning Strategies
- Highlights of the Past Year

2. NRF and Dispersal Management

- Comparison of Acreage in Designated Areas by Planning Unit
- Silvicultural Activities in Designated Nesting, Roosting, and Foraging (NRF) Areas by Planning Unit
 - Summary Graph
- Silvicultural Activities in Designated Dispersal Areas by Planning Unit
 - Summary Graph

3. Silvicultural Management Activities

- Silvicultural Activities by Planning Unit
- Summary Graphs

4. Non-Timber Activities

- Evaluation of Potential Non-Timber Impacts vs. 1996 Base Levels
 - Comparison Graphs
- Utility Rights of Way Details
- Recreation/Public Use
 - Trails Summary by Region
 - Camp and Picnic Site Summary by Region

5. Road Management Activities

- Road Management Activities Calendar Year 2003
 - Summary Graphs

6. Land Base Changes (Asset Repositioning)

- Effects of FY 2004 Transactions
- Effects of Transactions from January 1997 through June 2003

7. Monitoring and Research

- Implementation Monitoring
- Effectiveness Monitoring, Validation Monitoring, and Research
 - Riparian Conservation Strategy
 - Spotted Owl Conservation Strategy
 - Marbled Murrelet Conservation Strategy
- Marbled Murrelet Long-term Conservation Strategy Update
- Marbled Murrelet Inventory Surveys

Appendix A: Silvicultural Activities

1. INTRODUCTION



HABITAT CONSERVATION PLAN

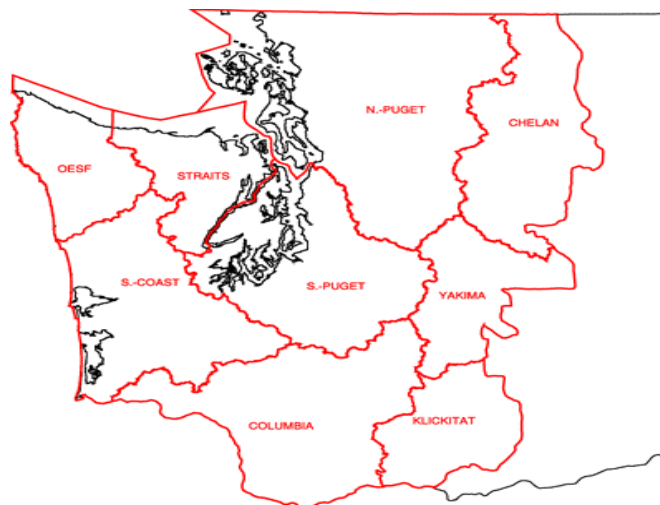
Annual Report to the Services

July 1, 2003 - June 30, 2004
Fiscal Year 2004

INTRODUCTION

The Washington State Department of Natural Resources (DNR) Habitat Conservation Plan (HCP) is a forest management plan that applies to approximately 1.6 million acres of DNR-managed forestlands within the range of the northern spotted owl (*Strix occidentalis*). The HCP is a partnership between the DNR and the United States Fish and Wildlife Service (USFWS) and National Marine Fisheries Service (now known as NOAA Fisheries) (Services), authorized under the Endangered Species Act (ESA). In general, the HCP covers all DNR trust lands west of the Cascade crest and those on the eastern slopes of the Cascades, from the Canadian border to the Columbia River. The HCP enables DNR to comply with ESA requirements by providing conservation objectives and strategies that provide habitat for listed and unlisted species while providing certainty, flexibility, and stability for the DNR in meeting its trust responsibilities.

PLANNING UNITS



Westside HCP planning units: Olympic Experimental State Forest (OESF), South Coast, Columbia, South Puget, North Puget and Straits

Eastside HCP planning units: Chelan, Klickitat and Yakima

The Habitat Conservation Plan includes habitat management strategies for both ESA listed species and unique habitats. Some of the major provisions of the HCP are described below.

HCP CONSERVATION PLANNING STRATEGIES

ESA Habitats Protected: HCP trust land management strategies focus primarily on habitat conservation and enhancement for species listed under the ESA. DNR's habitat management plan identifies specific habitat conservation strategies for the northern spotted owl, marbled murrelet, and riparian dependent species such as bull trout and salmon. The objectives and strategies of the HCP are designed to conserve and enhance habitats that are scientifically appropriate for the support of multiple species, including those listed under the federal Endangered Species Act as well as unlisted species.

Multiple Species Protected: The conservation strategies developed for the HCP were designed to provide appropriate habitat protection for many other species that are not currently listed or protected under the ESA. The Department intentionally approached land management in this manner in order to avoid future land management interruptions due to new ESA listings that could disrupt management planning. In addition, the HCP provides specific habitat protection appropriate for numerous state-listed species of concern.

Unique Habitats Protected: Protection of specific habitats includes identification of critical habitats, caves, talus slopes, wetlands, and nesting sites for many species. Research and monitoring may identify needed changes to management practices to address specific species and habitat needs. Therefore, the HCP is also a dynamic, scientifically based adaptive management tool.

HIGHLIGHTS OF THE PAST YEAR

Marbled Murrelets

DNR, with the help of a Scientific Advisory Group, is working on a long-term strategy for the marbled murrelet in the Columbia, South Coast, Straits and OESF Planning Units. The long-term strategy will cover approximately 750,000 acres of DNR-managed lands within these planning units. A draft strategy identifying potential management alternatives should be released for review in early 2005, with completion of a final plan expected in fall of 2005. Inventory surveys continue in the North Puget Planning Unit (NPPU), with first year surveys covering approximately 1,461 acres in 63 survey sites. DNR, USFWS, and Washington Department of Fish and Wildlife (WDFW) have been working to develop an improved survey habitat identification protocol in NPPU. If successful, this protocol will become the template for inland surveys in the South Puget Planning Unit, which are expected to begin in 2005. The draft inventory survey plan for NPPU is included in the monitoring section of this report.

Northern Spotted Owls

DNR worked with the USFWS and the WDFW to develop an adaptive management strategy that addresses forest health issues while also providing habitat that makes a significant contribution to demographic support, the maintenance of species distribution and the facilitation of dispersal opportunities for northern spotted owls. Several blocks of DNR lands are infested by forest insects, which have increased their susceptibility to fire and decreased their ability to provide suitable habitat for northern spotted owls. To address these issues, DNR and the Services released the Administrative Amendment to the Northern Spotted Owl Conservation Strategy for the Klickitat HCP Planning Unit in April 2004.

Riparian Groundwater Monitoring

DNR recently began a groundwater monitoring project in the Olympic Experimental State Forest (OESF). This project will allow collaboration between DNR, the US Forest Service, US Geological Society, and Washington Department of Ecology in monitoring the effects of timber harvest in small watersheds in western Washington. An improved understanding of the surface and groundwater hydrologic processes on slide-prone slopes, will allow DNR to better mitigate potential landslides. This project is designed to monitor pre- and post-harvest groundwater levels of dominantly planar slopes in the Kalaloch area. The sediments here are typical of those underlying much of the Olympic Peninsula and other parts of western Washington, and are commonly involved in deep-seated landslides. In July, monitoring equipment was set up on three slopes, with different harvest treatments (control, thinning, and clearcut) proposed. At least two winters of pre-harvest and five years of post-harvest monitoring will occur. The resulting data will provide better insight into cumulative effects of timber harvest on groundwater recharge, storage, and movement and its effects on slope stability, and could shed additional light on the results of headwater stream studies currently being carried out on state forest lands.

Implementation Monitoring

Last year, DNR completed implementation monitoring field reviews in OESF and all west-side planning units. Three conservation strategy components were selected for review: wetlands, wind buffers, and large, structurally unique trees. Timber, non-timber, and silvicultural management activities were monitored. Our findings are detailed in a separate report.

2. NRF AND DISPERSAL MANAGEMENT

**Comparison of Acreage in Designated Areas
1997 Baseline Through FY 2004**

Designated Management Areas	Chelan	Columbia	Klickitat*	North Puget	South Puget	Yakima*	Total Acres
NRF: Jan 1997	5,647	54,157	20,096	109,409	2,648	13,567	205,524
NRF: June 1999	5,848	53,192	20,943	111,203	2,648	13,567	207,401
NRF: June 2000	5,848	53,192	20,974	111,203	2,648	13,567	207,432
NRF: June 2001	5,851	53,192	20,974	111,363	2,648	13,567	207,595
NRF: June 2002	5,851	53,252	20,974	111,363	2,648	13,567	207,655
NRF: June 2003	5,851	53,252	21,089	111,195	2,453	13,567	207,407
NRF: June 2004	5,851	53,252	21,098	111,359**	2,648**	13,567	207,775
Dispersal: Jan 1997	0	38,645	79,095	16,068	71,492	8,332	213,632
Dispersal: June 1999	0	35,234	79,095	15,344	75,302	8,332	213,307
Dispersal: June 2000	0	35,234	79,095	15,344	75,302	8,332	213,307
Dispersal: June 2001	0	35,234	79,095	15,344	75,302	8,332	213,307
Dispersal: June 2002	0	31,890	79,095	15,344	78,179	8,332	212,840
Dispersal: June 2003	0	31,890	79,095	15,344	78,179	8,332	212,840
Dispersal: June 2004	0	31,890	79,327	15,344	78,179	8,332	213,072

*NRF and Dispersal acreages in the Klickitat and Yakima Planning Units were affected by HCP Amendment Number 1, which took effect late in FY 2004. These changes will be reported in the FY 2005 annual report.

**The amount of disposed NRF acres has been revised downward since 2003 due to land transfers. Two properties in N Puget (totaling 168 acres) and one 195 acre property in S Puget were transferred to other agencies with a covenant in place stating that they shall remain Permit Lands and be managed subject to the HCP.

There are no designated NRF or Dispersal management areas in the OESF, Straits, or South Coast HCP Planning Units.

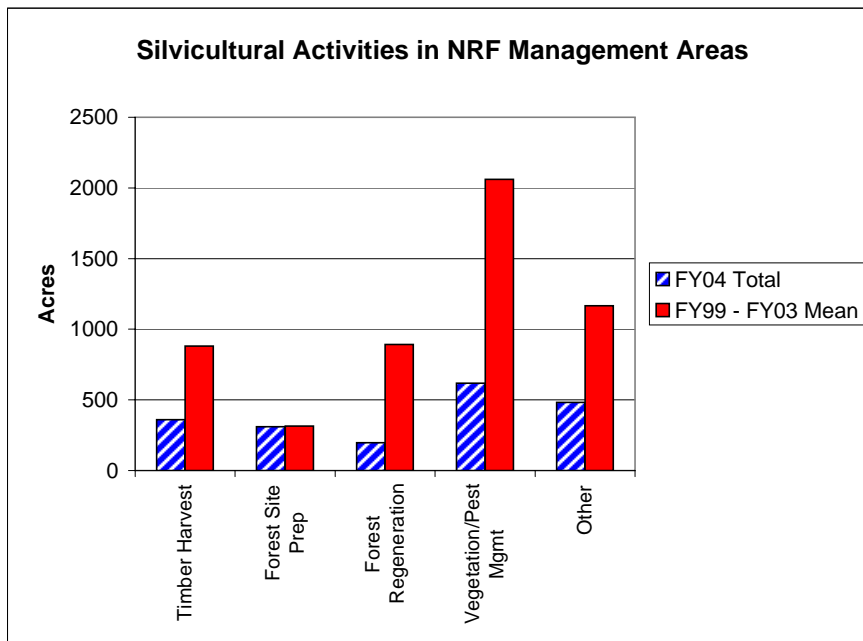
Acreage measurements are rounded, so some numbers may not add up correctly.

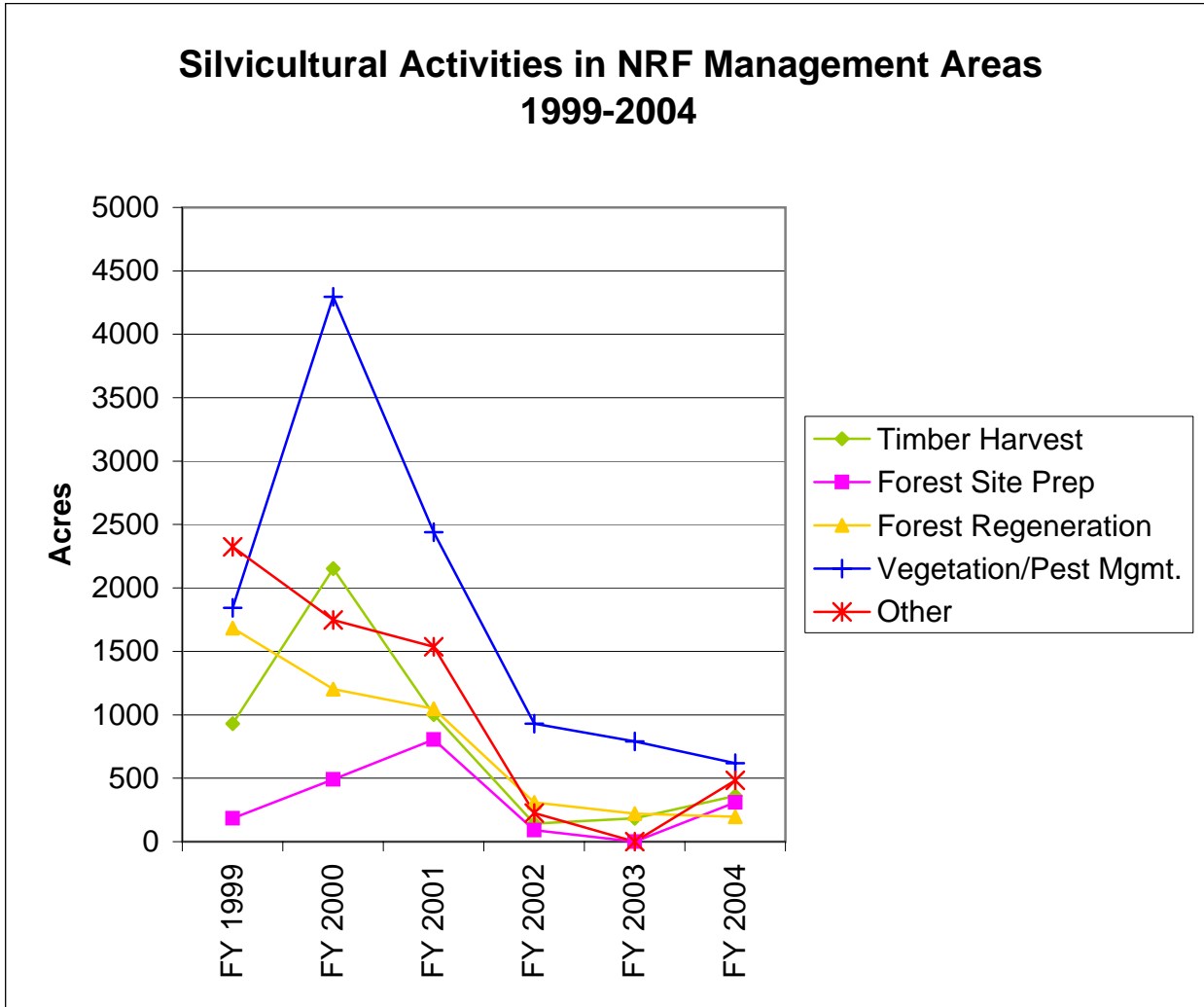
**SILVICULTURAL ACTIVITIES IN DESIGNATED NESTING, ROOSTING,
and FORAGING (NRF) MANAGEMENT AREAS
by PLANNING UNIT**

	Planning Unit						Totals and Means	
	Chelan	Columbia	Klickitat	North Puget	South Puget	Yakima	FY2004 Total	5 Year MEAN*
Total Designated NRF Acres	5,851	53,252	21,098	111,359	2,648	13,567	207,775	207,498
% of Total Designated NRF Acreage	2.8%	25.6%	10.2%	53.6%	1.3%	6.5%	100.0%	100.0%
Timber Harvest								
Regeneration harvest							0	541
Late rotation thinning		41					41	123
Variable density thinning		135		112			247	29
Phase patch regeneration cut							0	1
Seed tree intermediate cut							0	29
Shelterwood removal							0	6
Selective product logging							0	33
Smallwood thinning				73			73	26
Two-aged management							0	1
Uneven-aged management							0	93
Timber Harvest Totals	0	176	0	185	0	0	361	882
Forest Site Preparation								
Aerial herbicide				60			60	265
Ground herbicide							0	33
Ground mechanical			250				250	17
Forest Site Preparation Totals	0	0	250	60	0	0	310	314
Forest Regeneration								
Hand planting			37	159			196	889
Natural regeneration							0	4
Forest Regeneration Totals	0	0	37	159	0	0	196	893
Vegetation/Pest Management								
Aerial herbicide							0	501
Aerial insecticide							0	584
Ground herbicide				233			233	300
Hand cutting (slashing)		50		336			386	674
Vegetation/Pest Mgmt. Totals	0	50	0	569	0	0	619	2,060
Other								
Pre-commercial thinning				483			483	1,000
Forest fertilization							0	167
Other Totals	0	0	0	483	0	0	483	1,167
Grand Totals	0	226	287	1,456	0	0	1,969	5,316

*These values are mean data for Fiscal Years 1999 through 2003

Source: Planning & Tracking Database



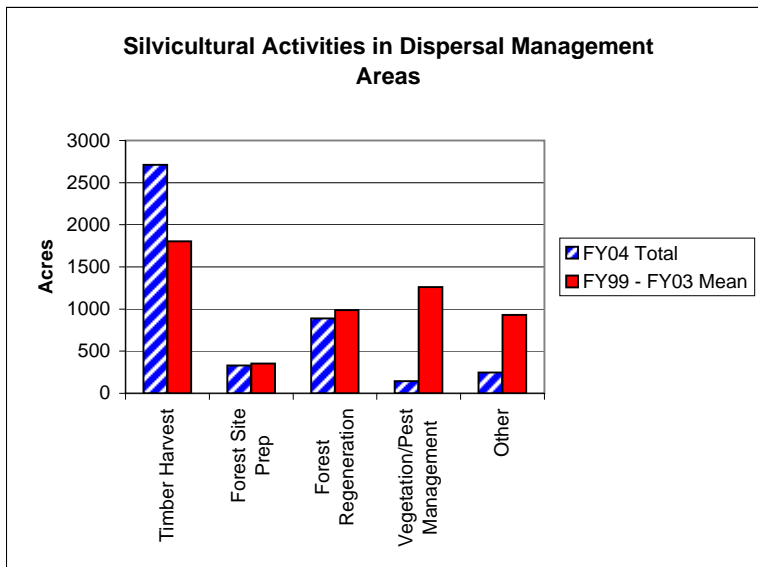


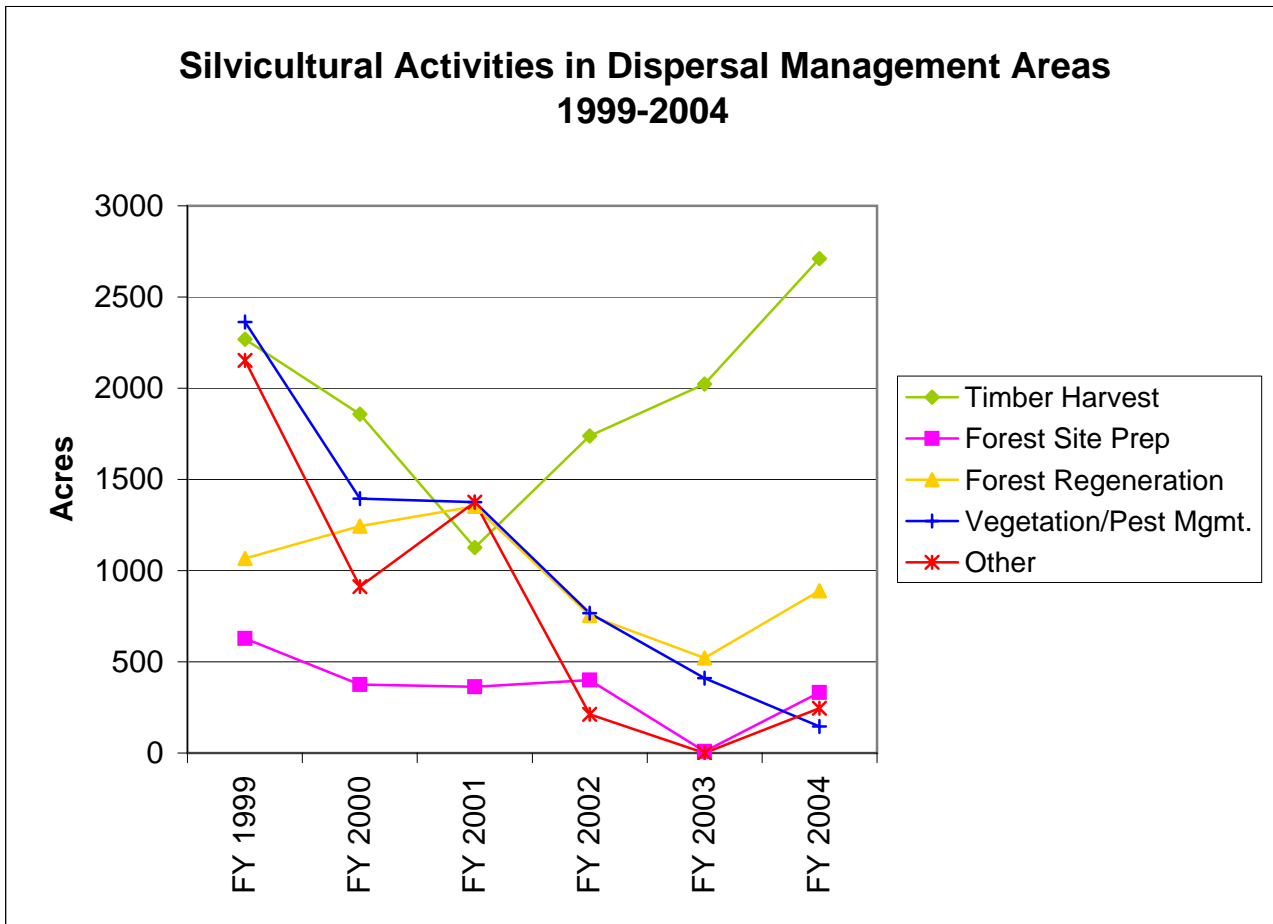
**SILVICULTURAL ACTIVITIES IN DESIGNATED
DISPERSAL MANAGEMENT AREAS
by PLANNING UNIT**

	Planning Unit					Totals and Means	
	Columbia	Klickitat	North Puget	South Puget	Yakima	FY2004 Total	5 Year MEAN
Total Designated Dispersal Acres	31,890	79,327	15,344	78,179	8,332	213,072	213,120
% of Total Designated Dispersal	15.0%	37.2%	7.2%	36.7%	3.9%	100.0%	100.0%
	Acres						
Timber Harvest							
Regeneration harvest		222		739		961	540
Late rotation thinning		735		148		883	185
Variable density thinning				162		162	0
Salvage cut						0	138
Selective product logging				67		67	48
Shelterwood intermediate cut		121				121	52
Shelterwood removal						0	68
Smallwood thinning		369				369	298
Uneven-aged management		147				147	475
Timber Harvest Totals	0	1,594	0	1,116	0	2,710	1,803
Forest Site Preparation							
Aerial herbicide						0	133
Ground herbicide						0	98
Ground mechanical		331				331	50
Hand cutting (slashing)						0	48
Pile and burn						0	26
Forest Site Preparation Totals	0	331	0	0	0	331	355
Forest Regeneration							
Hand planting		237	8	200	444	889	987
Forest Regeneration Totals	0	237	8	200	444	889	987
Vegetation/Pest Management							
Aerial herbicide						0	326
Aerial insecticide						0	93
Ground herbicide	52	53	8			113	289
Hand cutting (slashing)			33			33	554
Vegetation/Pest Mgmt. Totals	52	53	41	0	0	146	1,262
Other							
Pre-commercial thinning			245			245	930
Forest fertilization						0	1
Other Totals	0	0	245	0	0	245	931
Grand Totals	52	2215	294	1316	444	4321	5,338

*These values are mean data for Fiscal Years 1999 through 2003

Source: Planning & Tracking Database





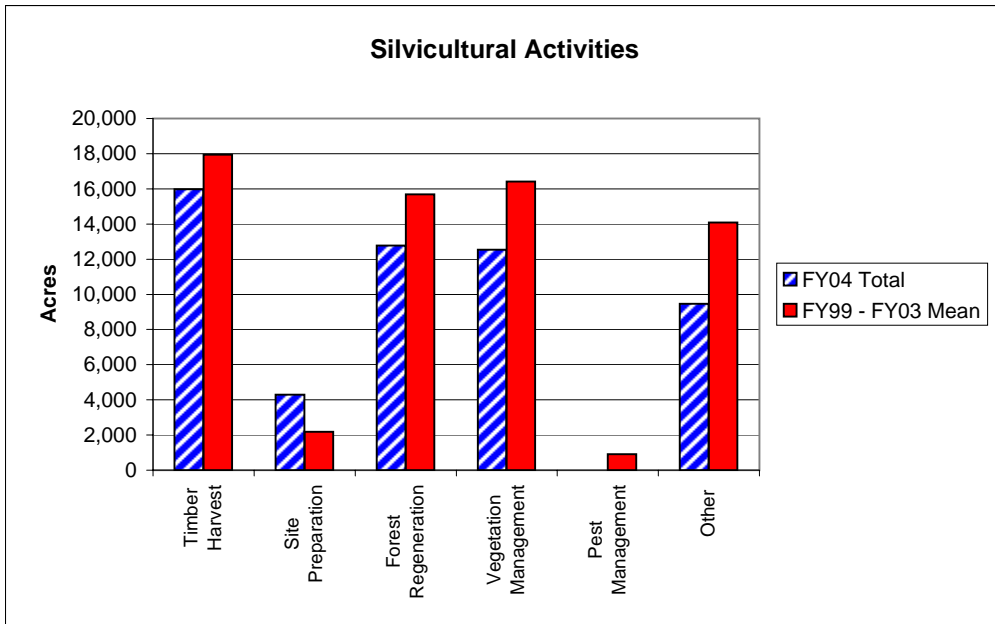
3. SILVICULTURAL MANAGEMENT ACTIVITIES

SILVICULTURAL MANAGEMENT ACTIVITIES by PLANNING UNIT

	Acres of Management Activity									FY04 Total	5 Year MEAN*
	Chelan	Columbia	Klickitat	North Puget	OESF	South Coast	South Puget	Straits	Yakima		
Timber Harvest Type											
Regeneration harvest		2,052	250	3,756		2,212	1,808	886	62	11,026	9,746
Late rotation thinning		197	1,416	124	102	677	175			2,691	1,526
Variable density thinning		137		112			162			411	29
Phased patch regeneration cut										0	8
Salvage cut						31				31	365
Seed tree intermediate cut									176	176	120
Selective product logging				50		105	162			317	886
Shelterwood intermediate cut			122	53						175	366
Shelterwood removal										0	16
Smallwood thinning		93	369	73						535	3,021
Temporary retention first cut										0	74
Two aged management							11			11	124
Uneven-aged management			147	145					319	611	1,657
Timber Harvest Totals		2,479	2,304	4,313	102	3,025	2,318	886	557	15,984	17,938
Forest Site Preparation											
Aerial herbicide		1,733		1,216						2,949	1,201
Ground herbicide				44						44	423
Ground mechanical		159	725						248	1,132	288
Hand cutting										0	48
Pile and burn/broadcast burn		102				72		4		178	230
Site Prep. Totals		1,994	725	1,260		72		4	248	4,303	2,190
Forest Regeneration											
Hand planting		2,084	570	3,159	403	2,809	1,261	1,801	462	12,549	15,527
Natural regeneration				93		141				234	157
Forest Regeneration Totals		2,084	570	3,252	403	2,950	1,261	1,801	462	12,783	15,685
Vegetation Management											
Aerial herbicide		965		477		962	12			2,416	2,993
Ground herbicide		174	290	1,571	53	883	125	414		3,510	3,468
Hand cutting		245		2,953	91	2,356	896	69		6,610	9,874
Seeding grass										0	78
Underburn										0	8
Vegetation Mgmt. Totals		1,384	290	5,001	144	4,201	1,033	483		12,536	16,421
Pest Management											
Animal repellent						2				2	19
Animal trapping										0	40
Shielding or fencing										0	130
Aerial pesticide										0	724
Pest Mgmt. Totals						2				2	912
Other											
Pre-commercial thinning		506		5,371	2,644	530	312		50	9,413	11,404
Forest fertilization										0	2,647
Tree pruning							55			55	34
Other Totals		506		5,371	2,644	530	367		50	9,468	14,085
Grand Totals		8,447	3,889	19,197	3,293	10,780	4,979	3,174	1,317	55,076	64,674

*These values are mean data for Fiscal Years 1999 through 2003

Source: Planning & Tracking Database



Timber Harvest includes regeneration harvest, thinning, selective product logging, salvage cut and others.

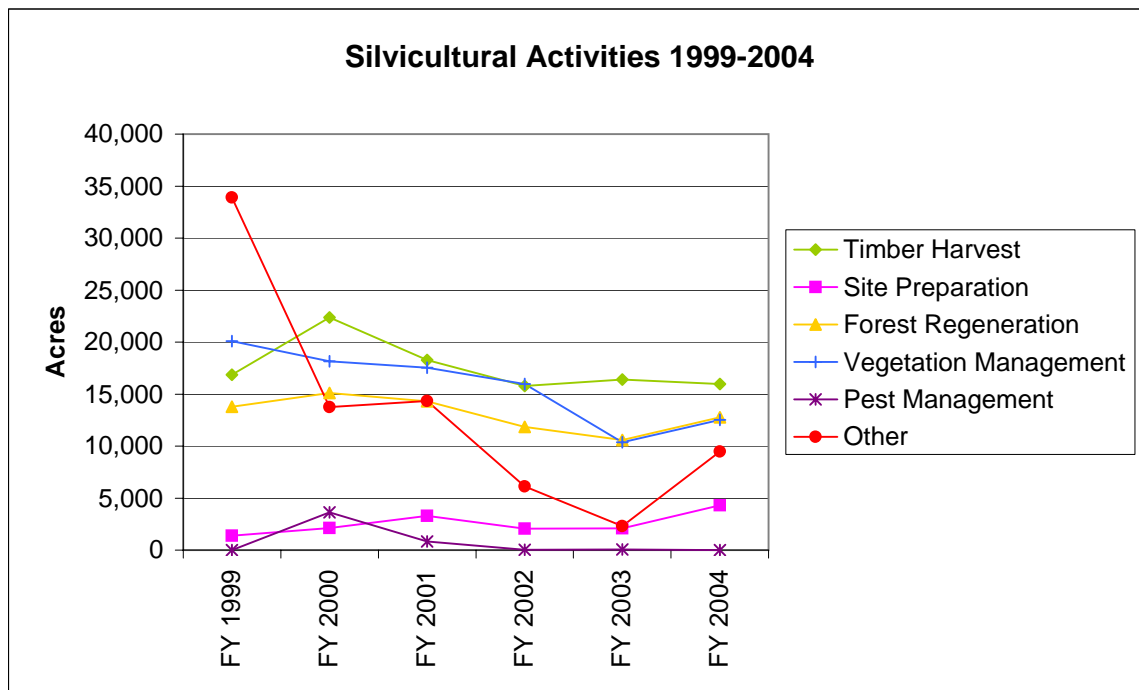
Site Preparation includes herbicide application, ground mechanical and pile and burn.

Forest Regeneration includes hand planting and natural regeneration.

Vegetation Management includes herbicide application and hand cutting.

Pest Management includes animal repellants, trapping and fencing.

Other includes pre-commercial thinning, fertilization and pruning.



4. NON-TIMBER MANAGEMENT ACTIVITIES

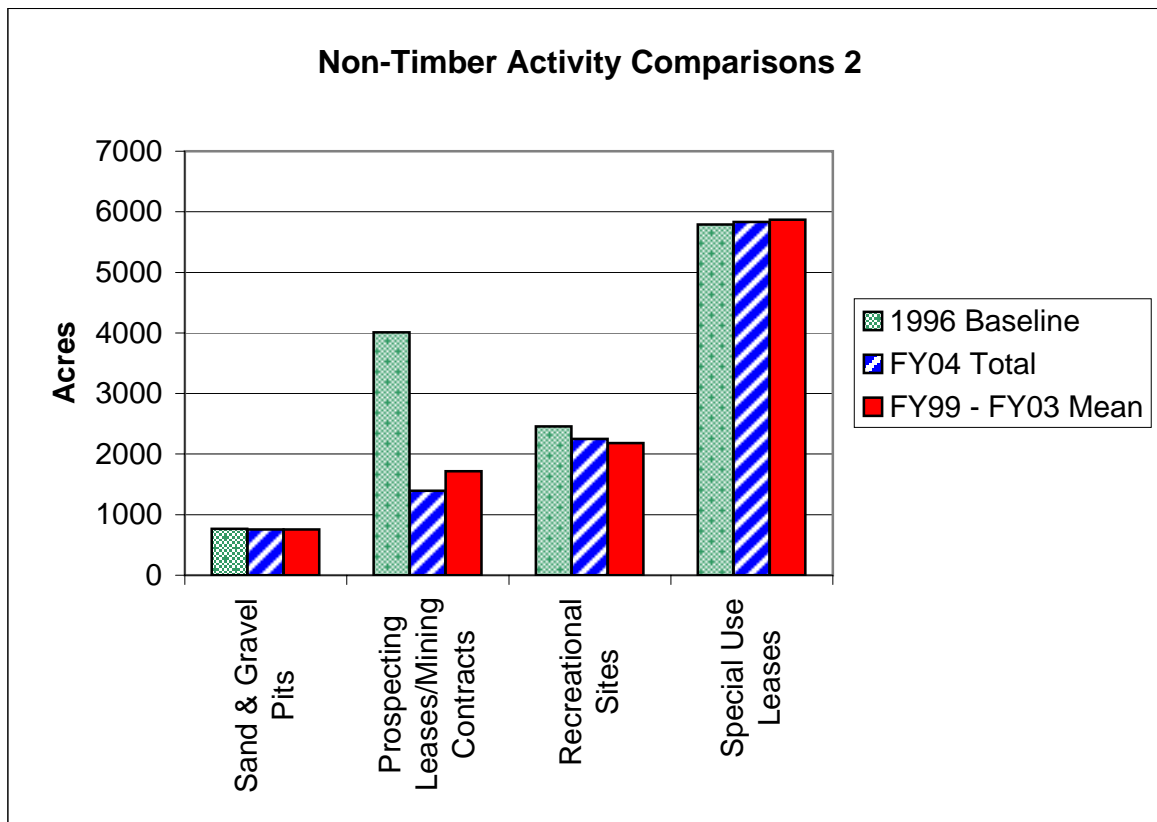
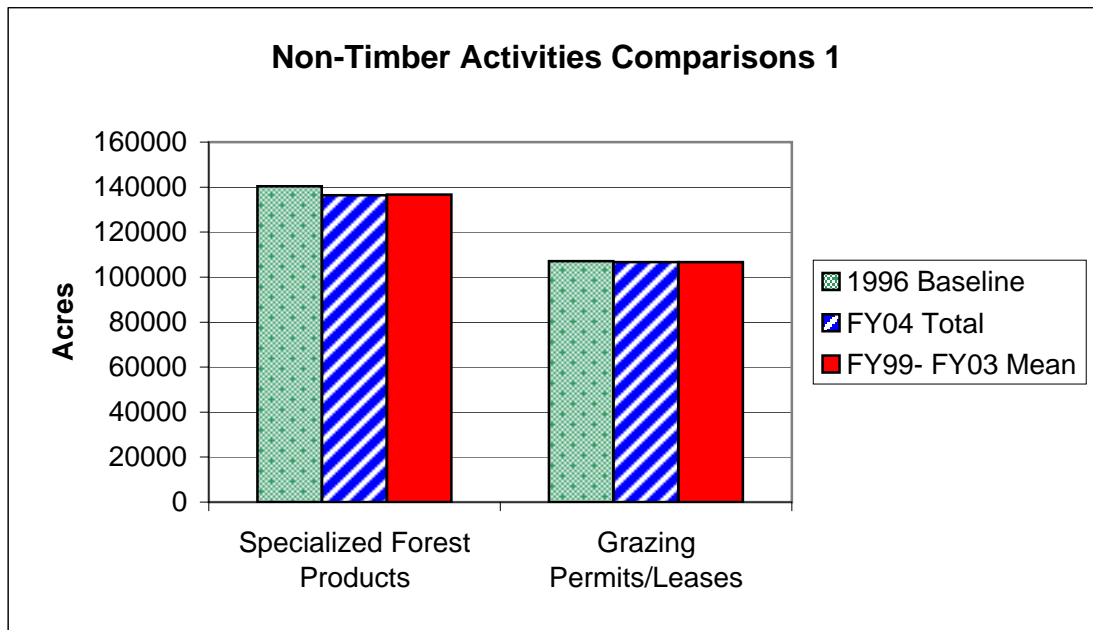
EVALUATION of POTENTIAL NON-TIMBER IMPACTS vs.1996 BASE LEVELS

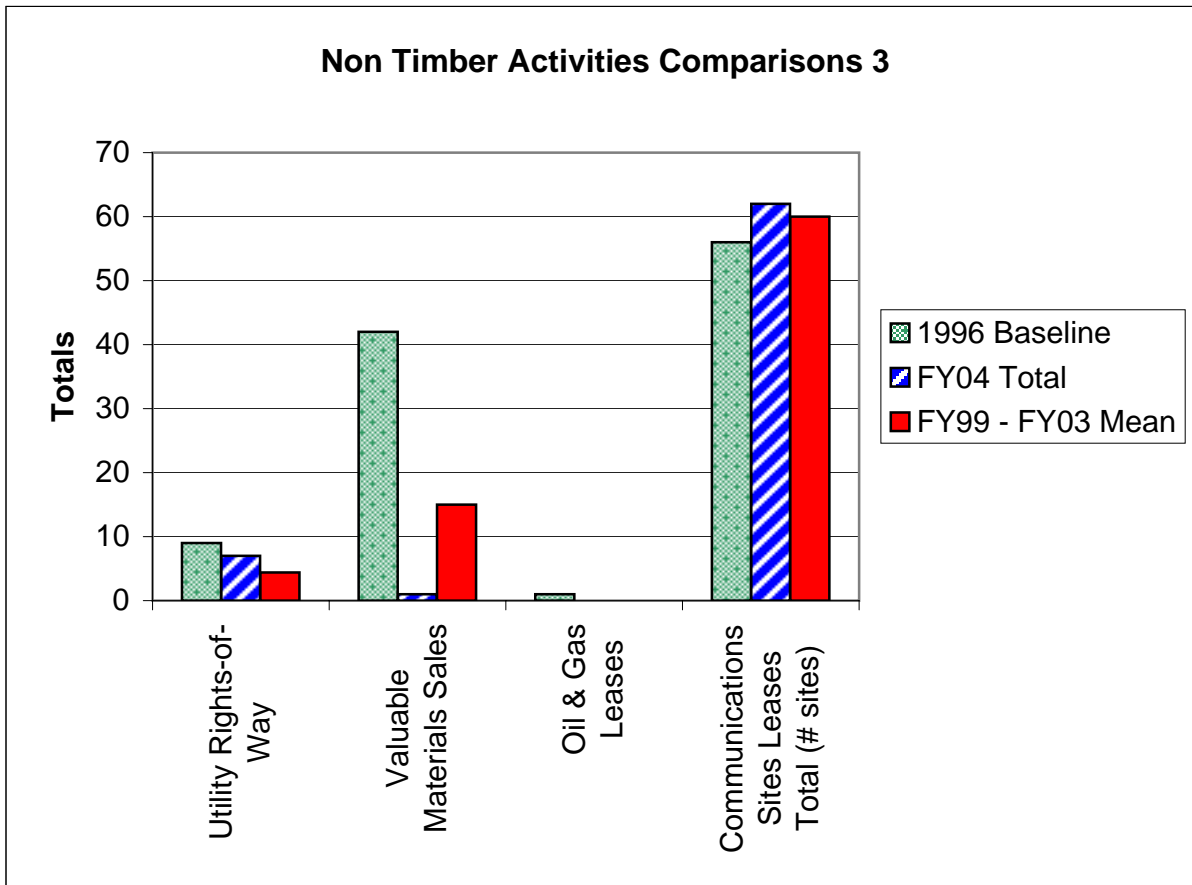
	1996 Base Year		FY 2004 Total		5 Year MEAN*	
	Number of Leases/Permits/Rights of Way/Sites	Acres	Number of Leases/Permits/Rights of Way/Sites	Acres	Number of Leases/Permits/Rights of Way/Sites	Acres
The following represent the number and acres of new activities sold, issued or that were active during the reporting period						
Utility Rights-of-Way	9	4 ac. (3.3 miles)	7	1.84 ac (0.56 miles)	4.4	21.806 ac
The following represent the total number and acres of activity in force during the reporting period						
Specialized Forest Products						
Western Greens	360	135,000	330	128,000	326	129,400
Christmas Greens	14	5,000	8	8,100	21	6,900
Christmas Trees	8	409	7	300	8	365
Misc. (Medicinal, cone and transplant)	20		12		13	
Specialized Forest Products Totals	402	140,409	357	136,400	369	136,665
Valuable Materials						
Silvicultural Pits						
Active Silvicultural Pits	N/A	N/A	165	317	165**	317**
Inactive Silvicultural Pits	N/A	N/A	230	216	230**	216**
Abandoned Silvicultural Pits	N/A	N/A	55	56	55**	56**
Total Silvicultural Rock, Sand & Gravel Pits (No Commercial Sales)	332	487	450	589	450**	589**
Commercial Pits						
Active Commercial Pits	N/A	N/A	7	101	11	146
Inactive Commercial Pits	N/A	N/A	2	66	2**	66**
Total Commercial Rock, Sand & Gravel Pits	28	281	9	167	9**	167**
Sand & Gravel Pits Totals	360	768	459	756	459**	756**
Rock, Sand, Gravel Sales	17	222	0	0	6	79
Rock, Sand, Gravel Direct Sales	25	50	1	0	10	16
Valuable Materials Sales Totals	42	272	1	0	15	94
Prospecting Leases/Mining Contracts						
Leases	4	360	1	180	1	158
Contracts	15	3,650	8	1,216	8	1,559
Prospecting Leases/Mining Contracts Totals	19	4,010	9	1,396	10	1,717
Oil and Gas Leases						
Leases	43	13,196	151	73,830	98	41,613
Active Sales	1		0	0	0	0
Oil and Gas Leases Totals	1		0		0	
Grazing Permits/Leases						
Eastside	25	105,980	25	105,980	25	105,980
Westside	15	1,074	11	640	11	640
Grazing Permits/Leases Totals	40	107,054	36	106,620	36	106,620
Communications Site Leases						
Number Sites	56		62		60	
Number Leases	288		306		303	
Recreational Sites Totals	119	2,456	126	2,252	126	2,182
Special Use Leases Totals	90	5,792	92	5,834	92	5,872

*These values are mean data for Fiscal Years 1999 through 2003

**These values are totals from FY03, not means, because data was not available in previous fiscal years.

The level of activity for non-timber activities that was present in 1996 (1996 Base Year) is considered to be a de minimus level of activity. At the 1996 level of these activities, no take, or insignificant take is occurring. The level of impact resulting from these non-timber activities will be reviewed by DNR, the USFWS and NOAA Fisheries during the annual meeting.



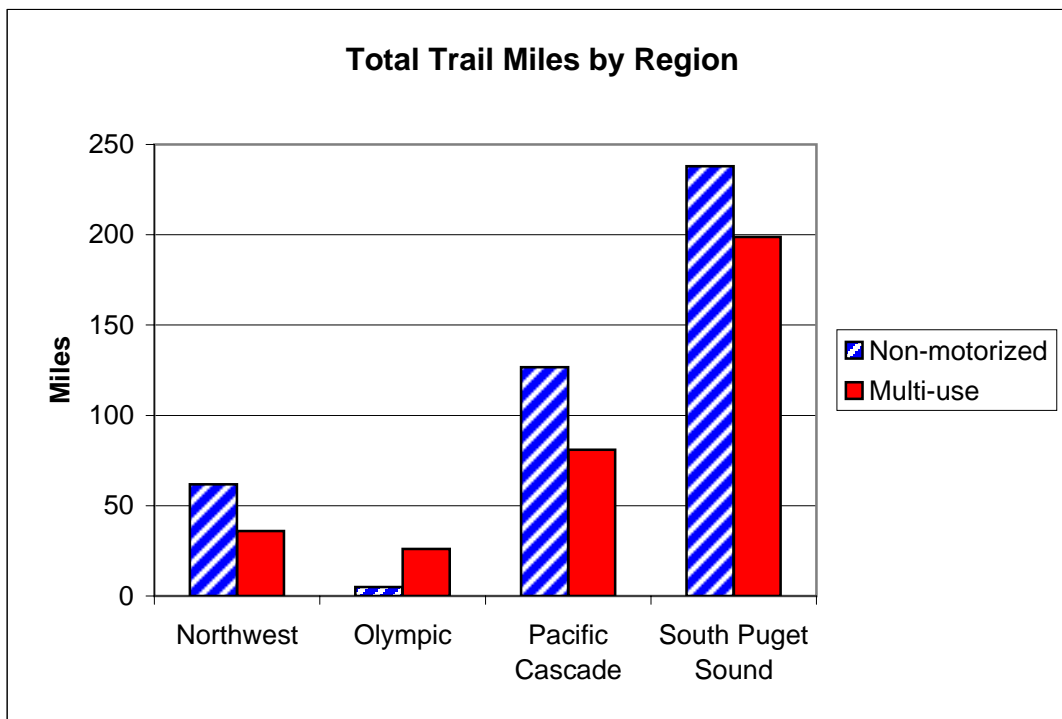


FY 04 UTILITY RIGHTS OF WAY DETAIL

App #	Grantee	HCP Planning Unit	Region	Miles	Existing Corridor	New Acres	Comments
50-74878	Verizon Wireless	S Coast	Central (PC)	0.05	X		W/in BPA right-of-way
50-74798	Clallam County PUD	Straits	Olympic	0.26		0.64	Signed
50-74758	CenturyTel Forks-South	OESF	Olympic	13.4	X		Within existing DOT right-of-way and Hoh Mainline right-of-way
50-75668	Wahkiakum County PUD	Columbia	SW (PC)	0.39	X		Within existing road right-of-way
50-76121	Puget sound Energy (Henley)	Straits	Olympic		X		Power in existing road right-of-way
50-76123	Qwest (Henley)	Straits	Olympic		X		Telephone within existing road right-of-way
50-75737	Skamania County PUD	Columbia	SE	0.3		1.2	Water line
Totals				14.4		1.84	

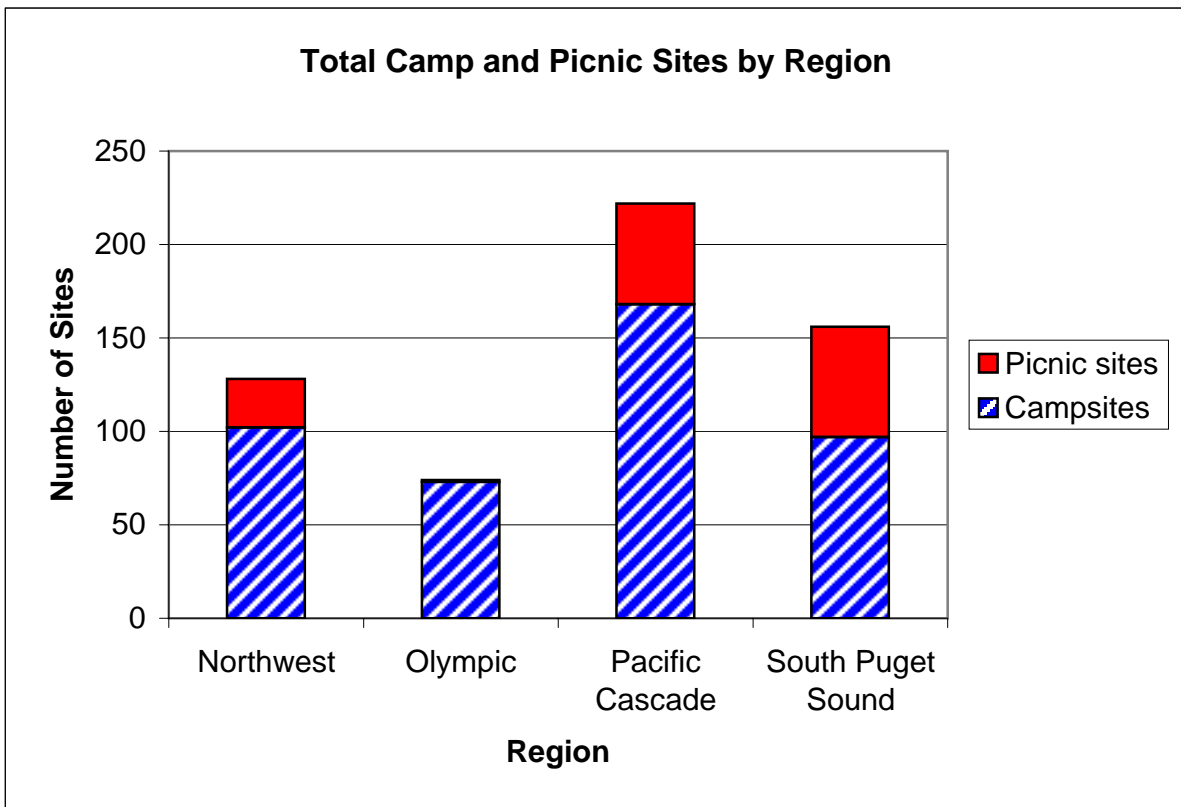
RECREATION/PUBLIC USE ACTIVITIES TRAILS SUMMARY by REGION

Type of Use	Region Totals				Statewide Totals
	Northwest	Olympic	Pacific Cascade	South Puget Sound	
<i>Non-motorized</i>					
Horse/hike/bike	3	0	116.5	16.75	136.25
Horse/hiker	0	0	1	66	67
Hike/bike	0	3	0	0	3
Hiker	58.75	2	9.25	51	121
ADA	0	0	0	4.2	4.2
Ski Trails (on existing forest management roads)	0	0	0	100	100
Non-motorized Totals (miles)	61.75	5	126.75	237.95	431.45
<i>Multi-use: motorized/non-motorized</i>					
Multiple use (no 4x4)	0	26	63	164.75	253.75
4x4 and multiple use	36	0	18	34	88
Multi-use Totals (miles)	36	26	81	198.75	341.75
Statewide Trail Totals (miles)	97.75	31	207.75	436.7	773.2



RECREATION/PUBLIC USE SUMMARY CAMP AND PICNIC SITE SUMMARY by REGION

Type of Site	Region Totals				Statewide Totals
	Northwest	Olympic	Pacific Cascade	South Puget Sound	
Campsites	99	68	136	96	399
Host campsites	0	1	6	0	7
ADA campsites	3	4	26	1	34
Campsite Totals	102	73	168	97	440
Picnic sites	26	1	54	59	140
Statewide Camp and Picnic Site Totals	128	74	222	156	580



5. ROAD MANAGEMENT ACTIVITIES

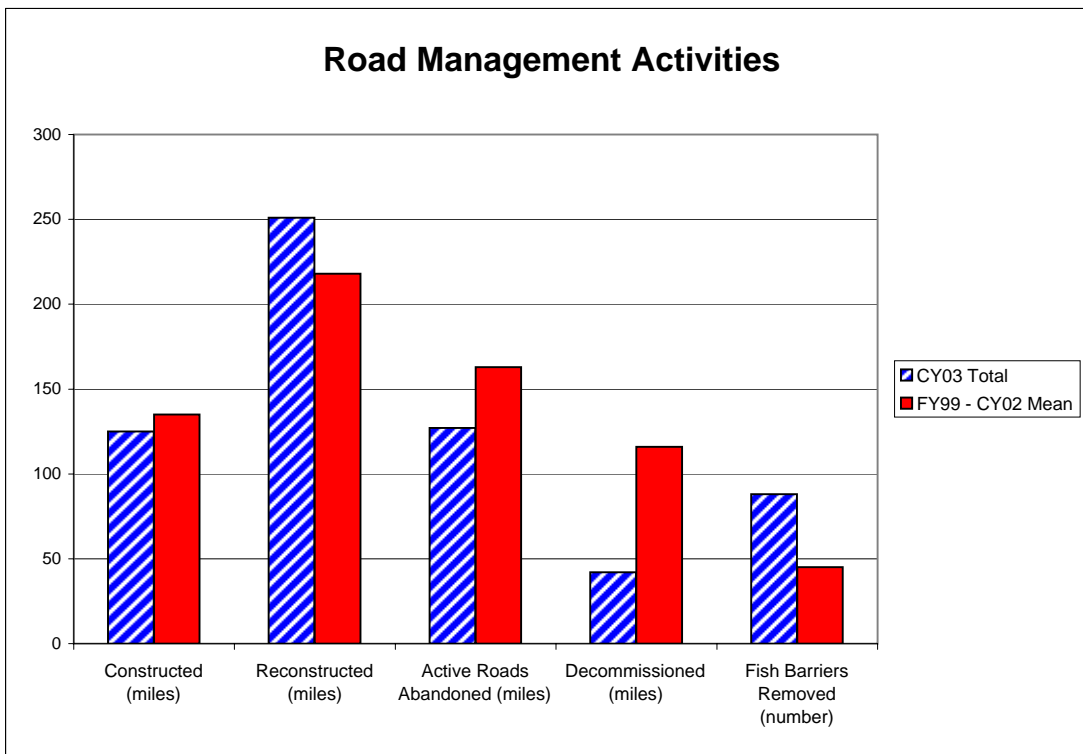
ROAD MANAGEMENT ACTIVITIES CALENDAR YEAR 2003

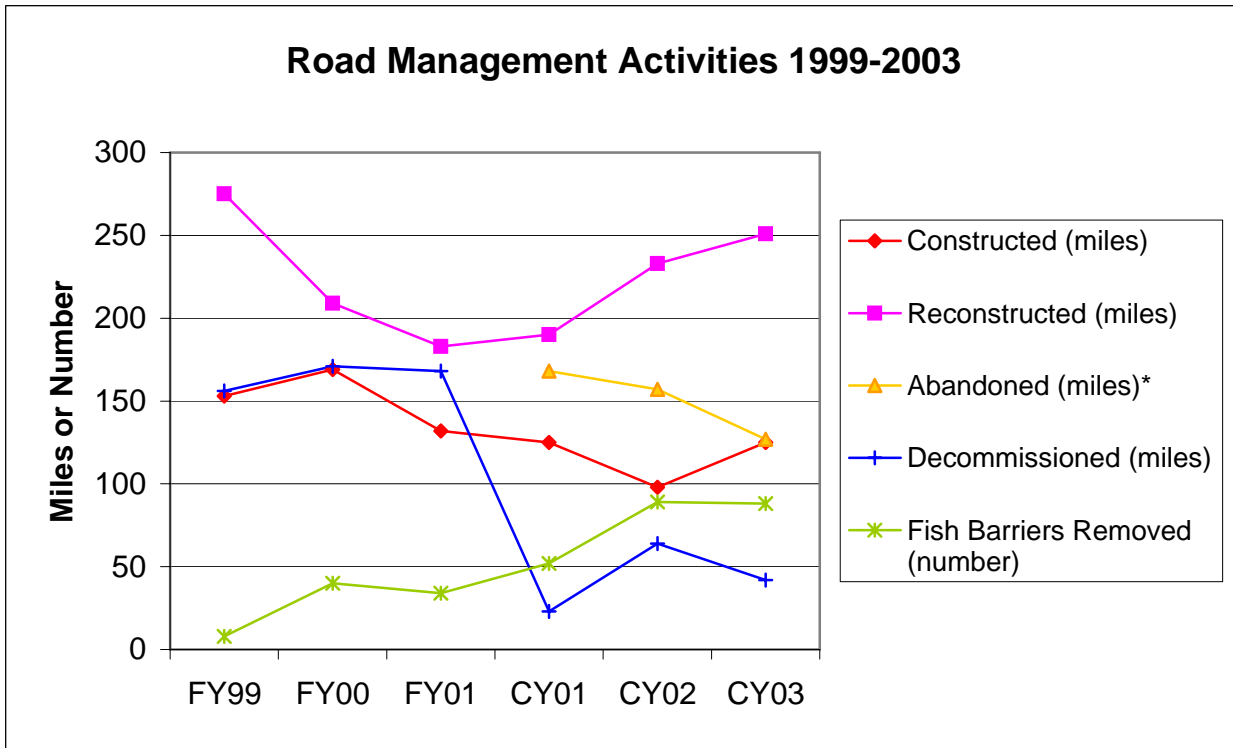
Activity	Planning Units									Totals/Means	
	Chelan	Columbia	Klickitat	North Puget	OESF	South Coast	South Puget	Straits	Yakima	CY 2003 Total ¹	5-Year MEAN ²
Total Road Miles	65	1,353	642	1,559	1,706	1,493	944	573	452	8,787	8,871
Construction (miles)	0	24	4	43	4	24	10	15	1	125	135
Reconstruction (miles)	0	27	6	178	4	17	2	10	7	251	218
Active Forest Roads											
Abandoned (miles)	0	30	2	63	1	16	10	0	5	127	163 ³
Decommissioned (miles)	0	12	5	0	8	7	4	2	4	42	116
Fish Barriers Removed (number)	0	10	3	19	8	33	2	1	12	88	45
Percent Of RMAP Responsibility Assessed	3%	81%	72%	61%	75%	75%	54%	75%	93%	70%	32%

¹For CY 2003, Total Road Miles means Total Active Roads on HCP lands and is determined from RMAP assessments

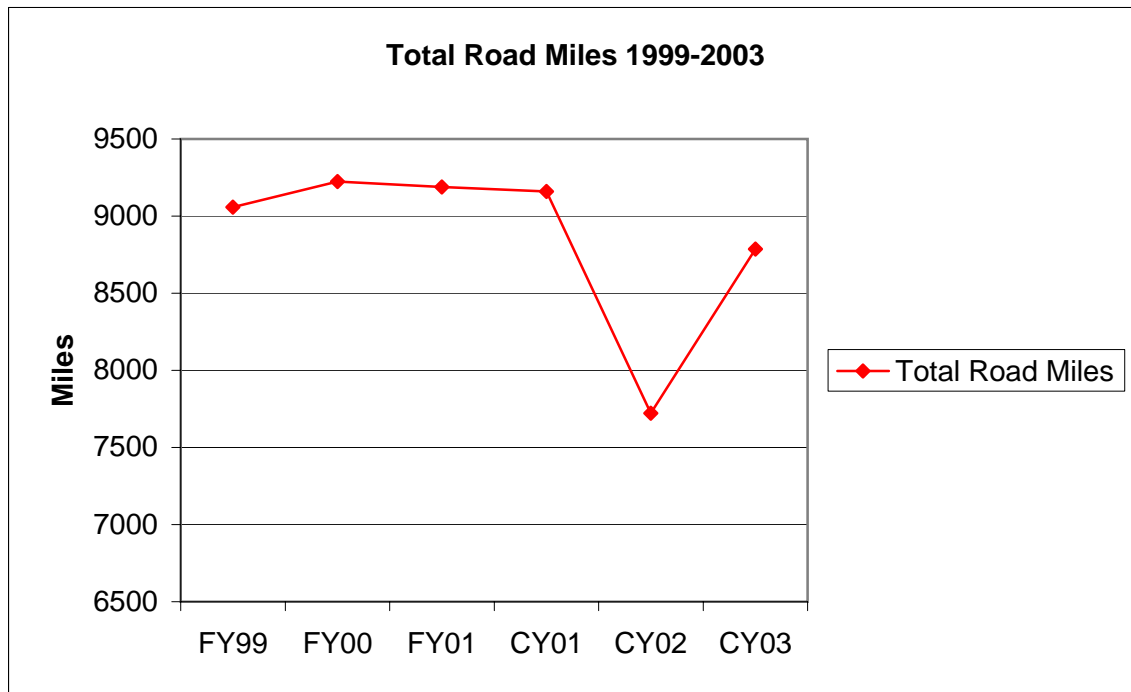
²Due to a change in reporting methods, 5 year mean data comes from Fiscal Years 1999 through 2001 and Calendar Years 2001 through 2002. Calendar Year 2001 included data from the last 6 months of FY 2001.

³This data is only for CY 2001 and CY 2002; data was not available in previous years.





*No data was available on miles of road abandoned prior to Calendar Year 2001.



6. LAND BASE CHANGES

Effects of Transactions on Permit Lands - July 2003 through June 2004

Information subject to corrections and additions over time.

Activity		Planning Unit						Totals
		Columbia	Klickitat	N Puget	S Coast	S Puget	Straits	
	Total Acres Acquired	-	242.20	862.00	200.71	-	-	1,304.91
	Total Acres Disposed	(360.40)	-	(5.00)	-	(20.00)	(40.72)	(426.12)
	Net Change	(360.40)	242.20	857.00	200.71	(20.00)	(40.72)	878.79
Owl Habitat Acquired	Designated Dispersal	-	232.20	-	-	-	-	232.20
	Existing Dispersal (41+)	-	230.00	-	-	-	-	230.00
	Designated NRF	-	10.00	-	-	-	-	10.00
	Existing NRF (71+)	-	-	-	-	-	-	-
	OESF	-	-	-	-	-	-	-
	No Role	-	-	862.00	200.71	-	-	-
								1,304.91
Owl Habitat Disposed	Designated Dispersal	-	-	-	-	-	-	-
	Existing Dispersal (41+)	-	-	-	-	-	-	-
	Designated NRF ¹	-	-	(5.00)	-	-	-	(5.00)
	Existing NRF (71+)	-	-	-	-	-	-	-
	OESF	-	-	0.00	-	-	-	-
	No Role	(360.40)	-	0.00	-	(20.00)	(40.72)	(421.12)
								(426.12)
Other Habitats Acquired	Murrelet	-	-	-	-	-	-	-
	Oregon silverspot butterfly	-	-	-	-	-	-	-
	Aleutian Canadian goose	-	-	-	-	-	-	-
	Bald eagle	-	-	-	-	-	-	-
	Peregrine falcon	-	-	-	-	-	-	-
	Gray wolf	-	-	-	-	-	-	-
	Grizzly bear	-	-	-	-	-	-	-
	Columbia white-tailed deer	-	-	-	-	-	-	-
	Talus and cliffs	-	-	-	-	-	-	-
	Meadows	-	-	-	-	-	-	-
Other Habitats Disposed	Murrelet	-	-	-	-	-	-	-
	Oregon silverspot butterfly	-	-	-	-	-	-	-
	Aleutian Canadian goose	-	-	-	-	-	-	-
	Bald eagle ²	(40.00)	-	-	-	-	-	(40.00)
	Peregrine falcon	-	-	-	-	-	-	-
	Gray wolf	-	-	-	-	-	-	-
	Grizzly bear	-	-	-	-	-	-	-
	Columbia white-tailed deer	-	-	-	-	-	-	-
	Talus and cliffs	-	-	-	-	-	-	-
	Meadows	-	-	-	-	-	-	-
Riparian: Stream Miles Acquired	Stream type 1	-	-	4.46	-	-	-	4.46
	Stream type 2	-	-	1.63	-	-	-	1.63
	Stream type 3	-	-	-	-	-	-	-
	Stream type 4	-	-	1.05	0.02	-	-	1.07
	Stream type 5	-	0.56	0.76	0.89	-	-	2.21
	Stream type 9	-	0.71	3.39	0.11	-	-	4.21
	Total Miles	-	1.27	11.29	1.02	-	-	13.58
ROS/Slopes Acquired	Rain on Snow	-	87.59	200.00	-	-	-	287.59
	Unstable Slopes	-	-	94.93	19.88	-	-	114.81
Riparian: Stream Miles Disposed	Stream type 1	-	-	-	-	-	-	-
	Stream type 2	-	-	-	-	(0.32)	-	(0.32)
	Stream type 3	-	-	-	-	-	-	-
	Stream type 4	-	-	-	-	(0.01)	-	(0.01)
	Stream type 5	-	-	-	-	-	-	-
	Stream type 9	(0.10)	-	-	-	-	-	(0.10)
	Total Miles	(0.10)	-	-	-	(0.33)	-	(0.43)
ROS/Slopes Disposed	Rain on Snow	-	-	-	-	-	-	-
	Unstable Slopes	-	-	-	-	-	-	-
Zones: Acquired	Puget Sound Douglas Fir	-	-	58.00	-	-	-	58.00
	Silver Fir	-	-	120.00	-	-	-	120.00
	Sitka Spruce	-	-	-	40.00	-	-	40.00
	Western Hemlock	-	-	86.80	160.71	-	-	247.51
	Interior Douglas Fir	-	242.20	-	-	-	-	242.20

Effects of Transactions on Permit Lands - July 2003 through June 2004

Activity	Planning Unit						Totals
	Columbia	Klickitat	N Puget	S Coast	S Puget	Straits	
Mountain Hemlock	-	-	597.20	-	-	-	597.20
Total Acres	-	242.20	862.00	200.71	-	-	1,304.91
Zones:							
Disposed							
Woodland/Prairie Mosaic	-	-	-	-	-	(40.62)	(40.62)
Olympic Douglas Fir	-	-	-	-	-	(0.10)	(0.10)
Western Hemlock	(360.40)	-	(5.00)	-	(20.00)	-	(385.40)
Total Acres	(360.40)	-	(5.00)	-	(20.00)	(40.72)	(426.12)
Age class							
Acquired							
Open 0-10	-	-	475.90	82.00	-	-	557.90
Regeneration 11-20	-	2.20	50.00	-	-	-	52.20
Pole 21-40	-	-	23.80	-	-	-	23.80
Closed 41-70	-	-	19.20	68.00	-	-	87.20
Complex 71-100	-	188.00	188.00	-	-	-	376.00
Complex 101-150	-	-	-	-	-	-	-
Functional 150+	-	42.00	-	-	-	-	42.00
Non-Forest Land	-	10.00	105.10	50.71	-	-	165.81
Total Acres	-	242.20	862.00	200.71	-	-	1,304.91
Age class							
Disposed							
Open 0-10	-	-	-	-	-	-	-
Regeneration 11-20	-	-	-	-	-	-	-
Pole 21-40	-	-	-	-	-	-	-
Closed 41-70	(336.00)	-	-	-	(7.00)	(40.62)	(383.62)
Complex 71-100	-	-	-	-	-	-	-
Complex 101-150	-	-	-	-	-	-	-
Functional 150+	-	-	-	-	-	-	-
Non-Forest Land	(24.40)	(0.10)	(5.00)	-	(13.00)	-	(42.50)
Total Acres	(360.40)	(0.10)	(5.00)	-	(20.00)	(40.62)	(426.12)
Age class							
by Zone:							
Acquired							
Open 0-10							
Western Hemlock	-	-	63.30	74.00	-	-	137.30
Mountain Hemlock	-	-	317.20	-	-	-	317.20
Silver Fir	-	-	95.40	-	-	-	95.40
Sitka Spruce	-	-	-	8.00	-	-	8.00
Regeneration 11-20							
Mountain Hemlock	-	-	50.00	-	-	-	50.00
Interior Doug Fir	-	2.20	-	-	-	-	2.20
Pole 21-40							
Silver Fir	-	-	23.80	-	-	-	23.80
Closed 41-70							
Western Hemlock	-	-	19.20	37.00	-	-	56.20
Sitka Spruce	-	-	-	31.00	-	-	31.00
Complex 71-100							
Interior Doug Fir	-	188.00	-	-	-	-	188.00
Mountain Hemlock	-	-	130.00	-	-	-	130.00
Puget Sound Doug Fir	-	-	58.00	-	-	-	58.00
Complex 101-150							
-	-	-	-	-	-	-	-
Functional 150							
Interior Doug Fir	-	42.00	-	-	-	-	42.00
Non-Forest Land							
Western Hemlock	-	-	4.30	49.71	-	-	54.01
Mountain Hemlock	-	-	100.00	-	-	-	100.00
Silver Fir	-	-	0.80	-	-	-	0.80
Sitka Spruce	-	-	-	1.00	-	-	1.00
Interior Doug Fir	-	10.00	-	-	-	-	10.00
Total Acres	-	242.20	862.00	200.71	-	-	1,304.91
Age class							
by Zone:							
Disposed							
Open 0-10							
Regeneration 11-20	-	-	-	-	-	-	-
Pole 21-40	-	-	-	-	-	-	-
Closed 41-70	-	-	-	-	-	-	-
Western Hemlock	(336.00)	-	-	-	(7.00)	-	(343.00)
Woodland/Pr. Mosaic	-	-	-	-	-	(40.62)	(40.62)
Complex 71-100							
-	-	-	-	-	-	-	-
Complex 101-150							
-	-	-	-	-	-	-	-
Functional 150							
-	-	-	-	-	-	-	-
Non-Forest Land							
Western Hemlock	(24.40)	-	(5.00)	-	(13.00)	-	(42.40)
Olympic Douglas Fir	-	-	-	-	-	(0.10)	(0.10)
Total Acres	(360.40)	-	(5.00)	-	(20.00)	(40.72)	(426.12)

Notes: 1 NRF acres are within the Town of Darrington and not true habitat.
 2 The eagle habitat is part of a larger parcel transferred to the City of Kelso for park/open space use.

Effects of Transactions of Permit Lands - January 1997 through June 2004

Information subject to corrections and additions over time.

Activity	Planning Unit									Totals
	Chelan	Columbia	Klickitat	N Puget	OESF	S Coast	S Puget	Straits	Yakima	
Total Acres Acquired	403.57	5,622.50	1,234.65	12,077.32	3,180.59	4,097.91	10,442.50	1,222.72	39.15	38,320.91
Total Acres Disposed	-	(10,271.41)	-	(4,464.23)	(838.24)	(2,605.91)	(5,649.41)	(122.84)	-	(23,952.04)
Net Change - Acres	403.57	(4,648.91)	1,234.65	7,613.09	2,342.35	1,492.00	4,793.09	1,099.88	39.15	14,368.87
Owl Habitat Acquired										
Designated Dispersal	-	-	232.20	10.00	-	-	7,346.73	-	-	7,588.93
Existing Dispersal (41+)	-	-	230.00	10.00	-	-	3,279.46	-	-	3,519.46
Designated NRF	203.57	380.00	1,002.45	2,076.24	-	-	-	-	-	3,662.26
Existing NRF (71+)	-	17.39	146.00	-	-	-	-	-	-	163.39
OESF	-	-	-	-	3,180.59	-	-	-	-	3,180.59
No Role	200.00	5,242.50	-	9,991.08	-	4,097.91	3,095.77	1,222.72	39.15	23,889.13
										38,320.91
Owl Habitat Disposed										
Designated Dispersal	-	(6,754.57)	-	(734.36)	-	-	(660.00)	-	-	(8,148.93)
Existing Dispersal (41+)	-	(2,325.82)	-	(109.00)	-	-	(131.90)	-	-	(2,566.72)
Designated NRF ¹	-	(1,284.53)	-	(126.55)	-	-	-	-	-	(1,411.08)
Existing NRF (71+)	-	(389.49)	-	-	-	-	-	-	-	(389.49)
OESF	-	-	-	-	(838.24)	-	-	-	-	(838.24)
No Role	-	(2,232.31)	-	(3,603.32)	-	(2,605.91)	(4,989.41)	(122.84)	-	(13,553.79)
										(23,952.04)
Other Habitats Acquired										
Murrelet	-	-	-	-	-	-	-	-	-	-
Oregon silverspot butterfly	-	-	-	-	-	-	-	-	-	-
Aleutian Canadian goose	-	-	-	-	-	-	-	-	-	-
Bald eagle	-	-	-	20.00	-	-	-	-	-	20.00
Peregrine falcon	-	-	-	-	-	-	-	-	-	-
Gray wolf	-	-	-	-	-	-	-	-	-	-
Grizzly bear	-	-	-	-	-	-	-	-	-	-
Columbia white-tailed deer	-	-	-	-	-	-	-	-	-	-
Talus and cliffs	-	-	-	325.00	-	-	-	-	-	325.00
Meadows	102.50	-	70.45	-	-	-	-	-	-	172.95
Other Habitats Disposed										
Murrelet	-	(567.61)	-	-	-	-	(279.91)	-	-	(847.52)
Oregon silverspot butterfly	-	-	-	-	-	-	-	-	-	-
Aleutian Canadian goose	-	-	-	-	-	-	-	-	-	-
Bald eagle	-	(40.00)	-	(5.00)	(49.42)	-	-	-	-	(94.42)
Peregrine falcon	-	-	-	-	-	-	-	-	-	-
Gray wolf	-	-	-	-	-	-	-	-	-	-
Grizzly bear	-	-	-	-	-	-	-	-	-	-
Columbia white-tailed deer	-	-	-	-	-	-	-	-	-	-
Talus and cliffs	-	(87.00)	-	(20.00)	-	-	-	-	-	(107.00)
Meadows	-	(82.00)	-	-	-	-	-	-	-	(82.00)
Riparian: Stream Miles Acquired										
Stream type 1	-	2.41	3.70	16.42	0.32	9.23	3.05	-	-	35.13
Stream type 2	-	-	1.12	1.81	1.02	0.91	0.36	-	-	5.22
Stream type 3	-	8.65	1.01	11.79	7.24	7.02	9.09	-	-	44.80
Stream type 4	0.96	10.15	-	14.43	2.25	5.75	10.70	0.31	-	44.55
Stream type 5	2.47	36.30	0.82	29.26	8.99	10.43	36.14	4.41	-	128.82
Stream type 9	4.47	39.82	3.42	26.27	4.85	21.04	12.71	2.83	0.25	115.66
Total Miles	7.90	97.33	10.07	99.98	24.67	54.38	72.05	7.55	0.25	374.18
ROS/Slopes Acquired										
Rain on Snow	-	1,070.74	999.04	2,403.10	4.47	-	3,165.84	925.75	3.43	8,572.37
Unstable Slopes	23.10	836.16	-	1,054.61	1,137.10	178.38	104.84	923.77	-	4,257.96
Riparian: Stream Miles Disposed										
Stream type 1	-	(1.32)	-	(3.20)	(0.30)	(0.14)	(0.69)	-	-	(5.65)
Stream type 2	-	-	-	(0.33)	-	(1.97)	(0.32)	-	-	(2.62)
Stream type 3	-	(15.78)	-	(11.45)	(2.18)	(2.64)	(200.16)	(0.59)	-	(232.80)
Stream type 4	-	(10.01)	-	(0.47)	(1.71)	(1.65)	(4.83)	(0.17)	-	(18.84)
Stream type 5	-	(49.42)	-	(3.70)	(5.15)	(9.43)	(6.06)	(0.03)	-	(73.79)
Stream type 9	-	(31.16)	-	(1.52)	-	(11.18)	(10.99)	-	-	(54.85)
Total Miles	-	(107.69)	-	(20.67)	(9.34)	(27.01)	(223.05)	(0.79)	-	(388.55)
ROS/Slopes Disposed										
Rain on Snow	-	(3,611.18)	-	(536.98)	(78.46)	-	(182.12)	-	-	(4,408.74)
Unstable Slopes	-	(1,127.60)	-	(378.10)	(14.09)	(1.65)	(114.97)	-	-	(1,636.41)
Zones: Acquired										
Interior Douglas Fir	203.57	-	360.70	-	-	-	-	-	-	564.27
Olympic Douglas Fir	-	-	-	-	-	-	-	161.45	-	161.45
Puget Sound Douglas Fir	-	-	-	198.67	-	-	1,770.06	0.75	-	1,969.48
Silver Fir	-	-	-	1,103.29	-	-	39.32	-	-	1,142.61
Sitka Spruce	-	-	-	-	389.08	1,352.49	-	-	-	1,741.57
Western Hemlock	-	5,622.50	-	8,060.15	2,791.82	2,520.90	8,633.12	1,060.52	-	28,689.01
Mt. Hemlock	-	-	-	2,597.04	-	-	-	-	-	2,597.04
Oak	-	-	873.95	-	-	-	-	-	-	873.95
Three-tip Sage	40.00	-	-	-	-	-	-	-	-	40.00
Central Arid Steppe	120.00	-	-	-	-	-	-	-	-	120.00
Ponderosa Pine	40.00	-	-	-	-	-	-	-	26.15	66.15

Effects of Transactions of Permit Lands - January 1997 through June 2004

Activity	Planning Unit										Totals
	Chelan	Columbia	Klickitat	N Puget	OESF	S Coast	S Puget	Straits	Yakima		
Woodland/Prairie Mosaic	-	-	-	118.17	-	224.52	-	-	-	13.00	355.69
Total Acres	403.57	5,622.50	1,234.65	12,077.32	3,180.90	4,097.91	10,442.50	1,222.72	39.15	38,321.22	
Zones:											
Disposed											
Interior Douglas Fir	-	-	-	-	-	-	-	-	-	-	
Mountain Hemlock	-	-	-	(402.00)	-	-	-	-	-	(402.00)	
Puget Sound Douglas Fir	-	-	-	(1,006.30)	-	(148.71)	(2,750.66)	(80.00)	-	(3,985.67)	
Olympic Douglas Fir	-	-	-	-	-	-	-	(0.22)	-	(0.22)	
Silver Fir	-	(1,250.23)	-	(550.00)	-	-	(488.00)	-	-	(2,288.23)	
Sitka Spruce	-	-	-	-	(54.21)	(1,120.00)	-	-	-	(1,174.21)	
Western Hemlock	-	(8,739.18)	-	(2,505.93)	(784.03)	(926.77)	(1,849.75)	(2.00)	-	(14,807.66)	
Woodland/Prairie	-	-	-	-	-	-	(561.00)	(40.62)	-	(601.62)	
Williamette Valley	-	(242.00)	-	-	-	-	-	-	-	(242.00)	
Cowlitz River	-	(40.00)	-	-	-	(410.43)	-	-	-	(450.43)	
Total Acres	-	(10,271.41)	-	(4,464.23)	(838.24)	(2,605.91)	(5,649.41)	(122.84)	-	(23,952.04)	
Age class											
Acquired											
Open 0-10	97.50	3,821.50	184.65	2,482.60	216.28	1,762.10	2,710.00	273.45	-	11,548.08	
Regeneration 11-20	-	2.00	14.90	2,407.57	509.64	542.01	1,224.41	-	-	4,700.53	
Pole 21-40	0.50	355.00	-	831.40	1,541.00	172.00	1,959.70	-	-	4,859.60	
Closed 41-70	2.57	1,364.30	89.10	4,599.90	633.50	940.87	3,308.30	903.72	-	11,842.26	
Complex 71-100	-	26.39	324.00	353.57	113.30	-	597.49	-	-	1,414.75	
Complex 101-150	-	-	10.00	-	-	-	97.50	-	12.15	119.65	
Functional 150+	-	-	42.00	7.00	-	-	-	-	-	49.00	
Non-Forest Land	303.00	53.27	570.00	1,395.34	166.80	680.88	545.29	45.55	27.00	3,787.13	
Total Acres	403.57	5,622.46	1,234.65	12,077.38	3,180.52	4,097.86	10,442.69	1,222.72	39.15	38,321.00	
Age class											
Disposed											
Open 0-10	-	(2,048.90)	-	(560.01)	(42.21)	(655.25)	(608.24)	(2.00)	-	(3,916.61)	
Regeneration 11-20	-	(1,307.22)	-	(514.02)	-	(679.67)	(143.21)	-	-	(2,644.12)	
Pole 21-40	-	(2,027.50)	-	(511.10)	(207.35)	(304.60)	(275.30)	-	-	(3,325.85)	
Closed 41-70	-	(2,810.10)	-	(1,925.90)	(414.03)	(813.63)	(1,906.40)	(120.62)	-	(7,990.68)	
Complex 71-100	-	(443.20)	-	(668.36)	(140.95)	(33.00)	(1,383.06)	-	-	(2,668.57)	
Complex 101-150	-	(689.71)	-	(5.00)	-	-	(357.12)	-	-	(1,051.83)	
Functional 150+	-	(168.99)	-	(59.00)	-	-	(588.00)	-	-	(815.99)	
Non-Forest Land	-	(775.77)	-	(220.88)	(33.70)	(119.19)	(388.05)	(0.22)	-	(1,537.81)	
Total Acres	-	(10,271.39)	-	(4,464.27)	(838.24)	(2,605.34)	(5,649.38)	(122.84)	-	(23,951.46)	
Age class											
by Zone:											
Acquired											
Open 0-10											
Mt Hemlock	-	-	-	450.70	-	-	-	-	-	450.70	
PS Douglas Fir	-	-	-	-	-	-	256.30	-	-	256.30	
Interior Doug Fir	97.50	-	3.90	-	-	-	-	-	-	101.40	
Olympic Doug Fir	-	-	-	-	-	-	-	161.45	-	161.45	
Silver Fir	-	-	-	440.27	-	-	-	-	-	440.27	
Sitka Spruce	-	-	-	-	77.69	290.20	-	-	-	367.89	
Western Hemlock	-	3,821.50	-	1,598.58	138.92	1,423.46	2,453.77	128.00	-	9,564.23	
Oak	-	-	180.75	-	-	-	-	-	-	180.75	
Woodlnd Prairie Mosaic	-	-	-	-	-	48.52	-	-	-	48.52	
Regeneration 11-20											
PS Douglas Fir	-	-	-	-	-	-	296.49	-	-	296.49	
Interior Doug Fir	-	-	3.40	-	-	-	-	-	-	3.40	
Silver Fir	-	-	-	10.50	-	-	39.32	-	-	49.82	
Sitka Spruce	-	-	-	-	60.96	252.71	-	-	-	313.67	
Western Hemlock	-	2.00	-	2,093.57	448.71	182.30	888.60	-	-	3,615.18	
Mt Hemlock	-	-	-	320.50	-	-	-	-	-	320.50	
Oak	-	-	11.50	-	-	-	-	-	-	11.50	
Woodlnd Prairie Mosaic	-	-	-	-	-	107.00	-	-	-	107.00	
Pole 21-40											
PS Douglas Fir	-	-	-	-	-	-	584.65	-	-	584.65	
Interior Doug Fir	0.50	-	-	-	-	-	-	-	-	0.50	
Silver Fir	-	-	-	103.71	-	-	-	-	-	103.71	
Sitka Spruce	-	-	-	-	142.66	88.02	-	-	-	230.68	
Western Hemlock	-	355.00	-	589.65	1,251.70	20.00	1,375.00	-	-	3,591.35	
Mt Hemlock	-	-	-	138.00	-	-	-	-	-	138.00	
Woodlnd Prairie Mosaic	-	-	-	-	-	64.00	-	-	-	64.00	
Closed 41-70											
Mt Hemlock	-	-	-	1,052.40	-	-	-	-	-	1,052.40	
PS Douglas Fir	-	-	-	117.97	-	-	239.32	-	-	357.29	
Interior Doug Fir	2.57	-	4.00	-	-	-	-	-	-	6.57	
Silver Fir	-	-	-	428.16	-	-	-	-	-	428.16	
Sitka Spruce	-	-	-	-	52.54	597.87	-	-	-	650.41	
Western Hemlock	-	1,364.34	-	2,872.63	729.40	338.00	3,068.99	907.72	-	9,281.08	
Oak	-	-	85.10	-	-	-	-	-	-	85.10	
Woodlnd Prairie Mosaic	-	-	-	104.77	-	5.00	-	-	-	109.77	
Complex 71-100											
Silver Fir	-	-	-	47.97	-	-	-	-	-	47.97	
PS Douglas Fir	-	-	-	58.00	-	-	63.93	-	-	121.93	
Interior Doug Fir	-	-	212.20	-	-	-	-	-	-	212.20	
Sitka Spruce	-	-	-	-	49.97	-	-	-	-	49.97	
Western Hemlock	-	26.39	-	117.60	61.47	-	533.56	-	-	739.02	
Mt Hemlock	-	-	-	130.00	-	-	-	-	-	130.00	
Oak	-	-	111.80	-	-	-	-	-	-	111.80	
Complex 101-150											
Western Hemlock	-	-	-	-	-	-	97.50	-	-	97.50	

Effects of Transactions of Permit Lands - January 1997 through June 2004

Activity	Planning Unit										Totals
	Chelan	Columbia	Klickitat	N Puget	OESF	S Coast	S Puget	Straits	Yakima		
Oak	-	-	10.00	-	-	-	-	-	-	-	10.00
Central Arid Steppe	-	-	-	-	-	-	-	-	-	8.15	8.15
Ponderosa Pine	-	-	-	-	-	-	-	-	-	4.00	4.00
Functional 150+											
Interior Douglas Fir	-	-	42.00	-	-	-	-	-	-	-	42.00
Western Hemlock	-	-	-	7.00	-	-	-	-	-	-	7.00
Non-Forest Land											
Mt Hemlock	-	-	-	505.44	-	-	-	-	-	-	505.44
PS Douglas Fir	-	-	-	22.70	-	-	329.59	0.75	-	-	353.04
Interior Doug Fir	103.00	-	95.20	-	-	-	-	-	-	-	198.20
Silver Fir	-	-	-	72.68	-	-	-	-	-	-	72.68
Sitka Spruce	-	-	-	-	5.26	123.74	-	-	-	-	129.00
Western Hemlock	-	53.27	-	781.12	161.62	557.14	215.70	24.80	-	-	1,793.65
Oak	-	-	474.80	-	-	-	-	-	-	-	474.80
Three-tip Sage	40.00	-	-	-	-	-	-	-	-	-	40.00
Central Arid Steppe	120.00	-	-	-	-	-	-	-	18.00	-	138.00
Ponderosa Pine	40.00	-	-	-	-	-	-	-	9.00	-	49.00
Woodland Prairie Mos.	-	-	-	13.40	-	-	-	-	-	-	13.40
Total Acres	403.57	5,622.50	1,234.65	12,077.32	3,180.90	4,097.96	10,442.72	1,222.72	39.15	38,321.49	
Age class by Zone:											
Disposed											
Open 0-10											
PS Douglas Fir	-	-	-	(103.84)	-	(39.15)	(222.29)	(2.70)	-	-	(367.98)
Silver Fir	-	(169.90)	-	-	(42.21)	-	(191.70)	-	-	-	(403.81)
Western Hemlock	-	(1,878.95)	-	(521.07)	-	(438.10)	(33.55)	(2.00)	-	-	(2,873.67)
Mt Hemlock	-	-	-	(56.00)	-	-	-	-	-	-	(56.00)
Cowlitz River	-	-	-	-	-	(178.00)	-	-	-	-	(178.00)
Woodland Prairie Mos.	-	-	-	-	-	-	(160.70)	-	-	-	(160.70)
Regeneration 11-20											
PS Douglas Fir	-	-	-	(65.00)	-	-	(2.00)	(2.70)	-	-	(69.70)
Silver Fir	-	(239.50)	-	(11.88)	-	-	(115.70)	-	-	-	(367.08)
Sitka Spruce	-	-	-	-	-	(339.00)	-	-	-	-	(339.00)
Western Hemlock	-	(1,067.72)	-	(128.14)	-	(340.67)	(25.51)	-	-	-	(1,562.04)
Mt Hemlock	-	-	-	(56.00)	-	-	-	-	-	-	(56.00)
Pole 21-40											
PS Douglas Fir	-	-	-	(93.46)	-	-	(221.00)	(2.60)	-	-	(317.06)
Silver Fir	-	(277.62)	-	(59.11)	-	-	(12.10)	-	-	-	(348.83)
Sitka Spruce	-	-	-	-	-	(169.20)	-	-	-	-	(169.20)
Western Hemlock	-	(1,741.93)	-	(423.60)	(207.35)	(65.41)	(33.20)	-	-	-	(2,471.49)
Mt Hemlock	-	-	-	(57.00)	-	-	-	-	-	-	(57.00)
Cowlitz River	-	(8.00)	-	-	-	(70.00)	-	-	-	-	(78.00)
Woodland Prairie Mosaic	-	-	-	-	-	-	(9.00)	-	-	-	(9.00)
Closed 41-70											
Mt Hemlock	-	-	-	(230.00)	-	-	-	-	-	-	(230.00)
PS Douglas Fir	-	-	-	(83.43)	-	(83.00)	(899.89)	(72.00)	-	-	(1,138.32)
Silver Fir	-	(47.82)	-	(450.00)	-	-	(33.70)	-	-	-	(531.52)
Sitka Spruce	-	-	-	-	-	(596.30)	-	-	-	-	(596.30)
Western Hemlock	-	(2,762.30)	-	(1,174.46)	(414.03)	(20.00)	(620.30)	-	-	-	(4,991.09)
Woodland Prairie Mosaic	-	-	-	-	-	-	(352.80)	(40.62)	-	-	(393.42)
Cowlitz River	-	-	-	-	-	(114.33)	-	-	-	-	(114.33)
Complex 71-100											
PS Douglas Fir	-	-	-	(346.86)	-	-	(555.28)	-	-	-	(902.14)
Silver Fir	-	-	-	(1.70)	-	-	-	-	-	-	(1.70)
Western Hemlock	-	(417.70)	-	(133.30)	(140.95)	(33.00)	(826.92)	-	-	-	(1,551.87)
Cowlitz River	-	(25.50)	-	-	-	-	-	-	-	-	(25.50)
Complex 101-150											
PS Douglas Fir	-	-	-	(200.50)	-	-	(46.10)	-	-	-	(246.60)
Silver Fir	-	(345.50)	-	(1.70)	-	-	(123.70)	-	-	-	(470.90)
Western Hemlock	-	(344.21)	-	(3.30)	-	-	(187.15)	-	-	-	(534.66)
Functional 150+											
PS Douglas Fir	-	-	-	-	-	-	(588.00)	-	-	-	(588.00)
Silver Fir	-	(131.49)	-	(1.00)	-	-	-	-	-	-	(132.49)
Western Hemlock	-	(37.50)	-	(58.00)	-	-	-	-	-	-	(95.50)
Non-Forest Land											
Mt Hemlock	-	-	-	(3.00)	-	-	-	-	-	-	(3.00)
PS Douglas Fir	-	-	-	(113.21)	-	(26.00)	(276.10)	-	-	-	(415.31)
Silver Fir	-	(38.40)	-	(19.52)	-	-	(11.10)	-	-	-	(69.02)
Sitka Spruce	-	-	-	-	(12.00)	(15.50)	-	-	-	-	(27.50)
Western Hemlock	-	(488.87)	-	(69.15)	(21.70)	(30.15)	(63.12)	-	-	-	(672.99)
Woodland Prairie Mosaic	-	-	-	-	-	-	(38.50)	-	-	-	(38.50)
Cowlitz River	-	(6.50)	-	-	-	(48.10)	-	-	-	-	(54.60)
Willamette Valley	-	(242.00)	-	-	-	-	-	-	-	-	(242.00)
Olympic Doug Fir	-	-	-	-	-	-	-	(0.22)	-	-	(0.22)
Total Acres	-	(10,271.41)	-	(4,464.23)	(838.24)	(2,605.91)	(5,649.41)	(122.84)	-	(23,952.04)	

Notes: 1 The total of NRF acres disposed has been revised downward from 2003. Two properties in N Puget and one property in S Puget were transferred to other agencies with a covenant in place stating that they shall remain Permit Lands and be managed subject to the HCP. The two properties in N Puget are the S Fork Nooksack TLT and the O'Brien/Illabot TLT. Both of these properties were Trust Land Transfers which were sold to Seattle City Light. The S Fork Nooksack TLT is located in Section 10, Township 36N, Range 7E, and parcel acres total 41.51. The O'Brien/Illabot TLT is located in Section 35, Township 35N, Range 10E, and parcel acres total 126.35. The property in S Puget is the Alder Lake TLT, also a Trust Land Transfer, which was sold to Tacoma Public Utilities. The property consists of four parcels, which are located in Sections 23, 24, and 26, Township 15N, Range 4E, and parcel acres total 195.

7. MONITORING AND RESEARCH

MONITORING AND RESEARCH

One of the primary objectives of the HCP Monitoring/Scientific Section is to provide both a centralized approach to research and monitoring, and also a systematic, consistent process for reporting research and monitoring results. Sound application of silvicultural and ecological knowledge, creative ideas, and reliable data are needed to develop innovative forest management practices capable of achieving the economic and ecological objectives of DNR's HCP. Since the HCP was adopted, there have been many advances in our understanding of the biology of spotted owls, marbled murrelets, and other listed and unlisted species. However, much remains to be learned, and new systems and techniques continue to be developed and tested. Additional reliable information that is applicable to management decisions can only be obtained through well planned and well executed monitoring and research. Balancing our need to make good statistical inferences with our need to gather and assess information on 1.6 million acres of HCP landscapes is an enormous challenge.

A hierarchy consisting of three types of monitoring – implementation, effectiveness, and validation – has become a common organizational framework for monitoring programs in forest management. Implementation monitoring, also known as compliance monitoring, determines whether or not a management plan (e.g., a HCP) is implemented properly on the ground. Effectiveness monitoring is done to determine whether or not the management plan is producing the desired habitat conditions. Validation monitoring is done to determine whether or not certain species respond to the desired habitat conditions as anticipated. Research supports the completion of conservation strategies, tests promising treatment alternatives to current practices, and contributes to the ecological foundation of management practices.

Monitoring is the feedback loop providing information for decisions in the adaptive management process. The department focuses on research and monitoring to eliminate the information barriers to full HCP implementation and improve the ability to meet management goals through adaptive management.

IMPLEMENTATION MONITORING

In 2004, implementation monitoring field reviews were conducted in the OESF and west-side planning units. Timber, non-timber, and silvicultural management activities were selected for review. HCP implementation monitoring protocol calls for review of different conservation strategies or components each year. This year, three elements of the HCP were selected for review: wetlands, wind buffers, and large, structurally unique trees (leave trees). The latter two components were selected for review based on observations made in previous field seasons. In addition, all infrequently implemented HCP strategies (cave, cliff, talus field, bald eagle, and pileated woodpecker) applied during the appropriate fiscal year were monitored. The data from this review is currently being analyzed, and will be provided in a separate report.

EFFECTIVENESS MONITORING, VALIDATION MONITORING, AND RESEARCH

The following briefly summarizes current DNR efforts in effectiveness monitoring, validation monitoring, and research. Only those projects with significant developments in the reporting period are discussed. Other ongoing projects receive annual

maintenance or measurement, and include: Windthrow in Riparian Areas; Type 5 Stream Literature Review; the Functional Role of Down Woody Debris and Long-term Ecosystem Productivity; Baseline Spotted Owl Validation Monitoring in the OESF; Variation In Marbled Murrelet Activity Using Old-Growth Stands On The OESF; Riparian Silviculture Modeling; and Managing Young Stand Composition and Structure for Forest Productivity and Biodiversity.

Riparian Conservation Strategy

The objectives of riparian monitoring and research are to:

- increase confidence in our ability to integrate biodiversity type thinning in management of riparian areas;
- help promote acceleration of the development of older stand conditions in riparian areas;
- help develop new guidelines for assessing wind throw risk and determining the need for wind buffers; and
- support the development of the Type 5 stream conservation strategy.

In addition, this work supports the adaptive management goals of the riparian conservation strategy, such as reexamination of watershed condition and changes in aquatic habitat quality. Information from this monitoring will increase our ability to understand the influence of land management on aquatic habitat conditions and effectively implement the conservation strategies to reach the goals of the HCP.

1. Small Stream Buffer Experimentation

In 1999, the DNR, in cooperation with the USFS Pacific Northwest Forestry Sciences Laboratory, initiated a project to determine the possible impacts of different management approaches on first order streams in western Washington. The study design will impose a range of management configurations on adjacent headwater streams. The results of this study will help support the development of a long-term conservation strategy for Type 5 streams on state lands in western Washington.

Project Activities:

- Initiated at 9 locations in DNR's Pacific Cascade Region
- Currently conducting post treatment measurements

2. Groundwater Monitoring Project

DNR, in conjunction with the USFS, USGS, and Washington Department of Ecology, initiated a study of the effects of timber harvest on the groundwater systems of forested slopes prone to deep-seated landsliding. Using pre-and post-harvest data on groundwater pressure, rainfall, and other factors, the study will look at the effects of different harvest treatments (control, thinning, and clearcut) on the antecedents to slope failure. Resulting data will provide better insight into the cumulative effects of timber harvest on groundwater recharge, storage, and movement as well as slope stability, and could shed additional light on the results of headwater stream studies currently being carried out on state forest lands.

Project Activities:

- Installed sets of piezometers on dominantly planar slopes in deeply weathered marine sandstones of the OESF's Kalaloch area
- Rain gauges scheduled for installation on the same three slopes in late 2004

Spotted Owl Conservation Strategy

The objective of this monitoring and research is to increase confidence in our ability to integrate biodiversity type thinning into the timber sales program and help understand its role in meeting habitat goals. In addition, this work supports the adaptive management goals of the HCP spotted owl conservation strategy, such as examination of the ecology of down wood levels targeted for different types of habitat.

1. Delineation of Suitable Spotted Owl NRF and Dispersal Habitat Within Habitat Management Areas

The goal of the project is to verify the current amount and distribution of suitable owl habitat (as defined by the HCP and evaluated using DNR's Forest Resource Inventory System - FRIS2) within Habitat Management Areas in all HCP Planning Units. This project is the first step towards full-scale owl habitat effectiveness monitoring at the landscape level. In addition, the results will provide specific information on both the accuracy of FRIS data in identifying owl habitat and on the functionality of the current habitat definitions.

The maps developed will be updated every 6 months based on the information coming from 1) field assessment by region biologists; 2) data on the completed silvicultural and harvest activities (Planning & Tracking database); and 3) completed land transactions

Project Activities:

- A subset of FRIS2 consisting of the variables included in the submature NRF and dispersal habitat definitions was used to assemble a query – fall 2003
- The results were used to develop maps for three west-side Planning Units - Columbia, South Puget and North Puget - showing which Forest Resource Inventory Units (polygons) meet the HCP definitions' threshold values. Percentages of the suitable habitat per WAU in the three west-side planning units were calculated - December 2003
- Preparation of a query to verify the suitable owl habitat in OESF – began in May 2004

2. Effectiveness Monitoring of Northern Spotted Owl Habitat Management at Stand Level - Pilot Project

The main goal of this pilot project is to test and refine the methodology for silvicultural monitoring of spotted owl habitat at the stand level, which is described in the draft northern spotted owl effectiveness monitoring plan. The results of the analyses will be incorporated into the long-term monitoring design and will be considered during preparation for timber sale effectiveness monitoring next field season (2005).

Project Activities:

- The project description and budget were submitted and approved by the Land Management Division in June 2004
- The fieldwork (pre-harvest and post-harvest measurements) was scheduled for August - November 2004.
- A final report will be submitted by the end of February 2005.

3. Update and Maintenance of DNR Corporate GIS Layers Containing Northern Spotted Owl Data

Currently, there are nine DNR GIS data layers that contain information on northern spotted owls. These layers are used to plan monitoring and management activities within NRF and Dispersal Management Areas and the owl circles as well as to provide information and/or data upon requests from DNR staff or outside parties. Most of these layers have not been maintained and updated since the signing of the HCP in 1997.

Project Activities:

- Scientific and technical data stewards were appointed for each GIS layer in June 2004
- Metadata are being developed for each layer and the layers are being updated to meet the agency core data standards

4. Baseline Spotted Owl Validation Monitoring in Southeast Region

In 2001, DNR contracted with the National Council for Air and Stream Improvement (NCASI) to monitor northern spotted owl occupancy within 2.1 miles of state lands in DNR's Southeast Region (Klickitat, Yakima and Skamania counties). NCASI has been monitoring spotted owls on the eastern slopes of the Cascades for more than 16 years, with about 34 sites (located on federal, state, and private lands) monitored annually. Eighteen of these sites are on DNR-managed land (the number varies through the years because the owls are found in slightly different areas each year, sometimes across an ownership line).

Project Activities:

- 2003 field surveys of the 18 owl site centers were conducted by NCASI and the data was filed in DNR's database
- An amendment to the 2003-2006 Cooperative Agreement with NCASI was signed in June 2004

Marbled Murrelet Conservation Strategy

The objective of this research is to support the development of the marbled murrelet long-term conservation strategy. The primary focus has been inland (stand) surveys and the development of the DNR Habitat Relationship Study. The result will be a long-term marbled murrelet conservation strategy and accompanying monitoring plan.

1. At Sea Distribution and Abundance of Marbled Murrelets in Relation to Marine Habitat on the Outer Coast of Washington

This project is part of the marbled murrelet population monitoring for the Northwest Forest Plan Interagency Regional Monitoring Program. The overall target murrelet population occurs in near-shore waters from the Canadian border to San Francisco Bay and is subdivided into five Conservation Zones.

Washington State Department of Fish and Wildlife (WDFW), with financial help

from DNR, assesses the population in Conservation Zone 2, the outer coast of Washington (Cape Flattery to the south jetty of the Columbia River). Data from these at sea surveys will help DNR in assessing the population trends of marbled murrelets nesting on adjacent DNR-managed land and is expected to become part of the DNR's HCP marbled murrelet validation monitoring.

Project Activities:

- 2004 Interagency Agreement was signed
- Raw data from the 2004 at sea survey is being collected and filed

2. Population Ecology of Marbled Murrelets

While extensive inland surveys have been conducted to document marbled murrelet activity (occupancy status) of forest stands, very little work has been done on murrelet demography. Information on specific nest sites and the way murrelets utilize the forested landscape will be invaluable in implementing the department's long-term murrelet conservation strategy. This project will also reduce the reliance on demographic data from the central British Columbia coast, where habitats are considerably different. This project uses radiotelemetry to locate active murrelet nests and conduct detailed research on the survival, nest success, flight behavior, and genetic makeup of murrelets found in Washington marine waters.

Project Activities:

- Fully implemented in the spring of 2004 with the capture and tracking of 27 birds in the Straits of Juan de Fuca
- Data currently being analyzed; first major results expected in 2005

MARBLED MURRELET LONG-TERM CONSERVATION STRATEGY UPDATE

Long-term conservation planning is ongoing in the Columbia, South Coast, Straits and OESF Planning Units. A team of nine murrelet experts is assisting the DNR in developing this long-term conservation strategy. A draft plan is expected to be released for internal review in January of 2005. Completion of a final plan is expected by the fall of 2005.

MARBLED MURRELET INVENTORY SURVEYS

Inventory surveys are ongoing in the North Puget Planning Unit (NPPU). DNR, USFWS and WDFW have been working closely to develop improved survey habitat identification in the NPPU. A plan to more accurately identify survey habitat has been developed and, if successful, will most likely become the template for initiation of inland surveys in the South Puget Planning Unit (SPPU). If the plan becomes the template for the SPPU, DNR expects to begin identifying habitat there in 2005.

The objectives of the plan are to meet the intent of the Habitat Conservation Plan (HCP) for murrelet conservation, maintain conservation options for the long-term plan, and stay within the limitations of the Incidental Take Permit issued to the DNR by the USFWS. The following approach satisfies these objectives.

Improved Habitat Identification Process

Step 1: Identify Potential Habitat

All areas identified by the various sources (modeling efforts, local knowledge, and professional judgment) are mapped as “**potential habitat**”. These are areas *expected* to meet the HCP definition of suitable murrelet habitat (containing an average of at least 2 platforms per acre, \geq five-acre patches, and within 50 miles of marine water; HCP pp. IV.40-42), but which have not been field verified.

Potential habitat includes:

- a. All modeled (Reclassified and Reclassified Plus) areas.
- b. Other potential habitat identified by DNR foresters and biologists, as well as representatives from WDFW, USFWS and local Tribes. These areas are identified from field knowledge and related sources.

The original source of each polygon of potential habitat (model, field, or other) will be retained in the GIS habitat database.

Approximately 39,767 acres of potential habitat have been identified in the NPPU. This process has been completed for the NW Region portion of the NPPU; completion for the S Puget Sound Region portion of the NPPU is anticipated in spring 2005. This will be the final definition of potential marbled murrelet habitat in the North Puget Planning Unit. DNR, WDFW, and USFWS have agreed that this process is likely to capture a sufficient portion of the potential marbled murrelet habitat to advance the interim and long-term conservation strategies.

Thereafter, any newly identified suitable habitat blocks of 5 acres or more will not be required to be surveyed, but will be deferred from harvest (no buffers or timing restrictions will be applied) until the long-term marbled murrelet conservation strategy for that portion of the planning unit is finalized. It is expected that the long-term marbled murrelet conservation strategy will make determinations on what these lands may contribute to murrelet conservation and how they should be managed.

Step 2: Field Verify Habitat Suitability

DNR biologists, foresters or trained contractors will review each potential habitat polygon in the field to verify and map the extent of **suitable habitat**.

“**Suitable habitat**” is defined by the HCP (pp. IV.40-42) or, in the case of a few smaller areas of unusually high platform abundance, using the “minimum convex polygon method” as described in the September 12, 1997 “Attachment to HCP Marbled Murrelet Guidelines”.

Contiguous areas of suitable habitat extending outside the original (potential habitat) polygon will be incorporated in the suitable habitat delineation. Any area without contiguous suitable habitat as defined above will be classified as “**unsuitable habitat**”. Following this field evaluation, each potential habitat polygon (or parts thereof) will be

fully resolved into suitable and/or unsuitable habitat areas. The GIS habitat layer will be updated to reflect this field-based habitat status determination.

Step 3: Release Unsuitable Habitat

Areas that have been field-verified and identified as unsuitable habitat will be candidates for immediate release.

- a. The HCP Implementation Manager will be notified before unsuitable habitat is released; he or she will then notify USFWS in a timely manner. This release process requires that written and mapped documentation be sent to NW Region State Lands, WDFW Region biologists, and the HCP Implementation Manager. Once the documentation is received, the unsuitable habitat is officially released.
- b. Some previously surveyed and unoccupied modeled habitat polygons may contain unsuitable habitat. These polygons will also be released after field assessments are completed. For surveyed unoccupied polygons that contain a mixture of suitable and unsuitable habitat, the suitable habitat will be deferred from harvest, while the unsuitable habitat will be released.

Step 4: Protect and Survey Suitable Habitat

Suitable habitat areas will continue to be divided into survey sites, and surveyed as per current (2003) Pacific Seabird Group Survey Protocol (or their USFWS approved methods).

- a. All suitable habitat (field delineated) will be protected with a 300-foot managed buffer (as per WAC 222-16-080 (1)(j)(v)) or a 165-foot no touch buffer until surveys are completed. Lesser buffers may be sufficient in certain topographic situations (i.e., buffers generally need not extend over a ridge top onto the opposite slope). Timing restrictions will not be applied to management activities.
- b. Once surveys are complete, buffers and timing restrictions are not required for unoccupied, suitable habitat areas.
- c. Proposed timber sales for fiscal years 2005 and 2006 may move ahead as scheduled. These sales will be designed to meet the November 18, 2002 letter of agreement between DNR and USFWS, and will avoid any identified suitable habitat that has not yet been surveyed. Sales for fiscal year 2007 and beyond will be designed to avoid and protect suitable un-surveyed habitat as outlined in this letter.

Step 5: Protect Occupied Sites

All occupied sites will be protected until the long-term conservation strategy is finalized. Occupied site boundaries will be determined on a case-by-case basis and with USFWS/WDFW approval. Occupied sites will be protected by a 300-foot managed buffer, or a 165-foot no touch buffer (as above). Timing restrictions will also be applied.

Step 6: Retain/Release 50% of Suitable Habitat per WAU

As per Step 4 of the Interim Conservation Strategy (HCP p. IV.40), some unoccupied suitable habitat will be released for harvest. This follows successful completion of surveys in all suitable habitat below 3000' elevation in half of the NPPU (divided between townships 30 & 31 north).

Surveyed unoccupied habitat will be released for harvest if it is not within 0.5 miles of an occupied site and, after harvest, at least 50% of the suitable habitat on DNR-managed lands in the WAU would remain. This release process will require collaboration and concurrence by the USFWS prior to scheduling any management activities.

Throughout the interim process outlined above, the Land Management Division's HCP Implementation Data Steward will be responsible for maintaining and updating the corporate marbled murrelet habitat GIS layers to reflect the current status of all habitat areas.

Appendix A. Silvicultural Activities

Columbia HCP Planning Unit			
<i>Silvicultural Activity</i>	<i>Acres</i>	<i>Location</i>	<i>FPA #</i>
Timber Harvest - Clear cut	90	T03N R03E S25	2903801
Timber Harvest - Clear cut	83	T03N R03E S26	2903801
Timber Harvest - Clear cut	61	T03N R04E S05	2903598
Timber Harvest - Clear cut	20	T03N R04E S08	2903598
Timber Harvest - Clear cut	104	T03N R04E S28	2903091
Timber Harvest - Clear cut	7	T03N R04E S29	2903091
Timber Harvest - Clear cut	5	T03N R04E S29	2903091
Timber Harvest - Clear cut	8	T03N R04E S29	2903091
Timber Harvest - Clear cut	57	T03N R04E S30	2902564
Timber Harvest - Clear cut	46	T03N R04E S31	2902564
Timber Harvest - Clear cut	38	T03N R04E S31	2902564
Timber Harvest - Clear cut	77	T04N R03E S16	2903596
Timber Harvest - Clear cut	62	T04N R03E S23	2903596
Timber Harvest - Clear cut	33	T05N R02E S01	2904269
Timber Harvest - Clear cut	47	T05N R02E S36	2903927
Timber Harvest - Clear cut	45	T05N R03E S06	2904277
Timber Harvest - Clear cut	84	T05N R03E S06	2904269
Timber Harvest - Clear cut	71	T06N R01E S36	2904071
Timber Harvest - Clear cut	57	T06N R02E S16	2904441
Timber Harvest - Clear cut	69	T06N R02E S16	2903650
Timber Harvest - Clear cut	8	T06N R02E S25	2903685
Timber Harvest - Clear cut	58	T06N R03E S06	2903718
Timber Harvest - Clear cut	73	T06N R03E S10	2903090
Timber Harvest - Clear cut	87	T06N R03E S14	2904417
Timber Harvest - Clear cut	73	T06N R03E S30	2903685
Timber Harvest - Clear cut	35	T06N R03E S32	2904277
Timber Harvest - Clear cut	56	T06N R04E S16	2904127
Timber Harvest - Clear cut	100	T08N R05W S12	2903931
Timber Harvest - Clear cut	84	T08N R05W S21	2903784
Timber Harvest - Clear cut	50	T08N R05W S21	2903784
Timber Harvest - Clear cut	22	T09N R04W S03	2903599
Timber Harvest - Clear cut	57	T09N R04W S03	2903599
Timber Harvest - Clear cut	67	T09N R04W S16	2903109
Timber Harvest - Clear cut	10	T10N R04W S29	2904085
Timber Harvest - Clear cut	3	T10N R04W S32	2904085
Timber Harvest - Clear cut	4	T10N R04W S32	2904085
Timber Harvest - Clear cut	10	T10N R04W S32	2904085
Timber Harvest - Clear cut	5	T10N R04W S32	2904085
Timber Harvest - Clear cut	50	T11N R02E S24	2509363
Timber Harvest - Clear cut	8	T11N R07W S19	2507198
Timber Harvest - Clear cut	29	T11N R07W S19	2507198
Timber Harvest - Clear cut	40	T12N R02E S16	2505660
Timber Harvest - Clear cut	31	T12N R03W S24	2510512
Timber Harvest - Clear cut	28	T12N R03W S25	2509906
Timber Harvest - Late rotation thinning	41	T02N R07E S15	2903005
Timber Harvest - Late rotation thinning	48	T06N R02E S18	2904451
Timber Harvest - Late rotation thinning	5	T06N R02E S18	2904451
Timber Harvest - Late rotation thinning	7	T10N R04W S32	2904085
Timber Harvest - Late rotation thinning	9	T10N R04W S32	2904085
Timber Harvest - Late rotation thinning	32	T10N R04W S32	2904085

Columbia HCP Planning Unit			
<i>Silvicultural Activity</i>	<i>Acres</i>	<i>Location</i>	<i>FPA #</i>
Timber Harvest - Late rotation thinning	15	T10N R04W S32	2904085
Timber Harvest - Late rotation thinning	7	T10N R04W S32	2904085
Timber Harvest - Late rotation thinning	5	T10N R04W S32	2904085
Timber Harvest - Late rotation thinning	10	T10N R04W S32	2904085
Timber Harvest - Late rotation thinning	13	T10N R04W S32	2904085
Timber Harvest - Late rotation thinning	5	T10N R04W S32	2904085
Timber Harvest - Smallwood thinning	93	T09N R03E S16	2904168
Timber Harvest - Variable density thinning	83	T02N R07E S16	2903005
Timber Harvest - Variable density thinning	54	T06N R04E S34	2903827
Forest site preparation - Aerial herbicide	70	T03N R03E S25	2904644
Forest site preparation - Aerial herbicide	70	T03N R03E S25	2904644
Forest site preparation - Aerial herbicide	50	T03N R04E S05	2904644
Forest site preparation - Aerial herbicide	20	T03N R04E S08	2904644
Forest site preparation - Aerial herbicide	45	T03N R04E S31	2904644
Forest site preparation - Aerial herbicide	35	T03N R04E S31	2904644
Forest site preparation - Aerial herbicide	60	T04N R03E S16	2904644
Forest site preparation - Aerial herbicide	50	T04N R03E S23	2904644
Forest site preparation - Aerial herbicide	5	T04N R04E S33	2904644
Forest site preparation - Aerial herbicide	35	T04N R04E S33	2904644
Forest site preparation - Aerial herbicide	40	T04N R04E S33	2904644
Forest site preparation - Aerial herbicide	15	T05N R03E S04	2904644
Forest site preparation - Aerial herbicide	40	T05N R03E S04	2904644
Forest site preparation - Aerial herbicide	35	T05N R03E S04	2904644
Forest site preparation - Aerial herbicide	35	T05N R03E S08	2904644
Forest site preparation - Aerial herbicide	30	T05N R03E S08	2904644
Forest site preparation - Aerial herbicide	25	T06N R01E S25	2904644
Forest site preparation - Aerial herbicide	75	T06N R01E S26	2904644
Forest site preparation - Aerial herbicide	26	T06N R02E S17	2904644
Forest site preparation - Aerial herbicide	17	T06N R02E S17	2904644
Forest site preparation - Aerial herbicide	25	T06N R02E S20	2904644
Forest site preparation - Aerial herbicide	70	T06N R02E S30	2904644
Forest site preparation - Aerial herbicide	30	T06N R02E S31	2904644
Forest site preparation - Aerial herbicide	9	T06N R03E S10	2904644
Forest site preparation - Aerial herbicide	3	T06N R03E S10	2904644
Forest site preparation - Aerial herbicide	45	T06N R03E S12	2904644
Forest site preparation - Aerial herbicide	90	T06N R03E S12	2904644
Forest site preparation - Aerial herbicide	66	T06N R03E S12	2904644
Forest site preparation - Aerial herbicide	12	T06N R03E S14	2904644
Forest site preparation - Aerial herbicide	70	T06N R03E S22	2904644
Forest site preparation - Aerial herbicide	40	T06N R04E S29	2904644
Forest site preparation - Aerial herbicide	50	T07N R01E S22	2904644
Forest site preparation - Aerial herbicide	50	T07N R04E S28	2904644
Forest site preparation - Aerial herbicide	10	T07N R04E S28	2904644
Forest site preparation - Aerial herbicide	10	T07N R04E S28	2904644
Forest site preparation - Aerial herbicide	55	T08N R05W S03	2904644
Forest site preparation - Aerial herbicide	80	T09N R04W S16	2904644
Forest site preparation - Aerial herbicide	55	T09N R04W S31	2904644
Forest site preparation - Aerial herbicide	35	T10N R02W S07	2904644
Forest site preparation - Aerial herbicide	30	T10N R02W S07	2904644
Forest site preparation - Aerial herbicide	95	T10N R02W S22	2904644
Forest site preparation - Aerial herbicide	25	T10N R03W S01	2904644

Columbia HCP Planning Unit			
<i>Silvicultural Activity</i>	<i>Acres</i>	<i>Location</i>	<i>FPA #</i>
Forest site preparation - Ground mechanical	81	T03N R03E S01	
Forest site preparation - Ground mechanical	58	T03N R04E S05	
Forest site preparation - Ground mechanical	20	T03N R04E S08	
Forest site preparation - Pile and burn	20	T11N R02E S26	
Forest site preparation - Pile and burn	1	T11N R03E S15	
Forest site preparation - Pile and burn	1	T11N R03E S15	
Forest site preparation - Pile and burn	1	T11N R03E S15	
Forest site preparation - Pile and burn	51	T12N R03W S25	
Forest site preparation - Pile and burn	28	T12N R03W S25	
Forest regeneration - Hand planting	81	T03N R03E S01	
Forest regeneration - Hand planting	15	T03N R03E S13	
Forest regeneration - Hand planting	58	T03N R04E S05	
Forest regeneration - Hand planting	20	T03N R04E S08	
Forest regeneration - Hand planting	65	T03N R04E S08	
Forest regeneration - Hand planting	45	T03N R04E S31	
Forest regeneration - Hand planting	35	T03N R04E S31	
Forest regeneration - Hand planting	68	T04N R03E S16	
Forest regeneration - Hand planting	57	T04N R03E S23	
Forest regeneration - Hand planting	1	T04N R04E S33	
Forest regeneration - Hand planting	6	T04N R04E S33	
Forest regeneration - Hand planting	35	T04N R04E S33	
Forest regeneration - Hand planting	50	T04N R04E S33	
Forest regeneration - Hand planting	32	T05N R02E S36	
Forest regeneration - Hand planting	1	T05N R03E S04	
Forest regeneration - Hand planting	16	T05N R03E S04	
Forest regeneration - Hand planting	39	T05N R03E S04	
Forest regeneration - Hand planting	32	T05N R03E S08	
Forest regeneration - Hand planting	20	T06N R02E S17	
Forest regeneration - Hand planting	76	T06N R02E S30	
Forest regeneration - Hand planting	32	T06N R02E S31	
Forest regeneration - Hand planting	11	T06N R03E S10	
Forest regeneration - Hand planting	1	T06N R03E S10	
Forest regeneration - Hand planting	3	T06N R03E S10	
Forest regeneration - Hand planting	90	T06N R03E S12	
Forest regeneration - Hand planting	68	T06N R03E S12	
Forest regeneration - Hand planting	48	T06N R03E S12	
Forest regeneration - Hand planting	3	T06N R03E S14	
Forest regeneration - Hand planting	4	T06N R03E S14	
Forest regeneration - Hand planting	15	T06N R03E S14	
Forest regeneration - Hand planting	70	T06N R03E S22	
Forest regeneration - Hand planting	2	T06N R03E S22	
Forest regeneration - Hand planting	47	T06N R04E S29	
Forest regeneration - Hand planting	10	T07N R04E S28	
Forest regeneration - Hand planting	9	T07N R04E S28	
Forest regeneration - Hand planting	52	T07N R04E S28	
Forest regeneration - Hand planting	55	T08N R05W S03	
Forest regeneration - Hand planting	22	T09N R04W S03	
Forest regeneration - Hand planting	44	T09N R04W S07	
Forest regeneration - Hand planting	58	T09N R04W S16	
Forest regeneration - Hand planting	82	T09N R04W S16	
Forest regeneration - Hand planting	54	T09N R04W S31	

Columbia HCP Planning Unit			
<i>Silvicultural Activity</i>	<i>Acres</i>	<i>Location</i>	<i>FPA #</i>
Forest regeneration - Hand planting	10	T09N R05W S13	
Forest regeneration - Hand planting	34	T10N R02W S07	
Forest regeneration - Hand planting	29	T10N R02W S07	
Forest regeneration - Hand planting	97	T10N R02W S22	
Forest regeneration - Hand planting	25	T10N R03W S01	
Forest regeneration - Hand planting	11	T10N R04W S29	
Forest regeneration - Hand planting	1	T10N R04W S29	
Forest regeneration - Hand planting	10	T10N R04W S29	
Forest regeneration - Hand planting	5	T10N R04W S32	
Forest regeneration - Hand planting	4	T10N R04W S32	
Forest regeneration - Hand planting	50	T11N R02E S24	
Forest regeneration - Hand planting	73	T11N R03E S13	
Forest regeneration - Hand planting	8	T11N R07W S19	
Forest regeneration - Hand planting	29	T11N R07W S19	
Forest regeneration - Hand planting	87	T11N R07W S30	
Forest regeneration - Hand planting	51	T12N R03W S25	
Forest regeneration - Hand planting	28	T12N R03W S25	
Vegetation management - Aerial herbicide	60	T03N R04E S08	2904645
Vegetation management - Aerial herbicide	30	T03N R04E S18	2904645
Vegetation management - Aerial herbicide	95	T03N R04E S28	2904645
Vegetation management - Aerial herbicide	5	T03N R04E S29	2904645
Vegetation management - Aerial herbicide	5	T03N R04E S29	2904645
Vegetation management - Aerial herbicide	5	T03N R04E S29	2904645
Vegetation management - Aerial herbicide	55	T03N R04E S31	2904645
Vegetation management - Aerial herbicide	40	T04N R03E S14	2904645
Vegetation management - Aerial herbicide	35	T04N R03E S24	2904645
Vegetation management - Aerial herbicide	80	T05N R03E S02	2904645
Vegetation management - Aerial herbicide	38	T06N R01E S24	2904645
Vegetation management - Aerial herbicide	37	T06N R02E S18	2904645
Vegetation management - Aerial herbicide	35	T06N R02E S30	2904645
Vegetation management - Aerial herbicide	55	T06N R02E S30	2904645
Vegetation management - Aerial herbicide	90	T07N R01E S09	2904645
Vegetation management - Aerial herbicide	80	T08N R05W S03	2904645
Vegetation management - Aerial herbicide	15	T09N R05W S33	2904645
Vegetation management - Aerial herbicide	20	T09N R05W S34	2904645
Vegetation management - Aerial herbicide	10	T10N R02E S16	Missing
Vegetation management - Aerial herbicide	90	T10N R02E S16	2905193
Vegetation management - Aerial herbicide	35	T11N R02E S22	2511860
Vegetation management - Aerial herbicide	50	T11N R03E S20	2511860
Vegetation management - Ground herbicide	15	T12N R03W S14	
Vegetation management - Ground herbicide	8	T12N R03W S14	
Vegetation management - Ground herbicide	43	T12N R03W S14	
Vegetation management - Ground herbicide	17	T12N R05E S18	
Vegetation management - Ground herbicide	35	T12N R05E S18	
Vegetation management - Ground herbicide	33	T13N R01E S36	
Vegetation management - Ground herbicide	23	T13N R01E S36	
Vegetation management - Hand cutting	50	T06N R04E S25	
Vegetation management - Hand cutting	39	T10N R08W S02	
Vegetation management - Hand cutting	15	T11N R07W S20	
Vegetation management - Hand cutting	10	T11N R08W S36	
Vegetation management - Hand cutting	17	T13N R09E S09	

Columbia HCP Planning Unit			
<i>Silvicultural Activity</i>	<i>Acres</i>	<i>Location</i>	<i>FPA #</i>
Vegetation management - Hand cutting	89	T13N R09E S10	
Vegetation management - Hand cutting	5	T13N R09E S16	
Vegetation management - Hand cutting	13	T13N R09E S16	
Vegetation management - Hand cutting	7	T13N R09E S16	
Pre-commercial thinning	25	T04N R03E S22	
Pre-commercial thinning	30	T04N R03E S22	
Pre-commercial thinning	114	T06N R01E S13	
Pre-commercial thinning	134	T06N R01E S13	
Pre-commercial thinning	163	T09N R04W S08	
Pre-commercial thinning	3	T10N R08W S02	
Pre-commercial thinning	37	T11N R07W S29	
Klickitat HCP Planning Unit			
Timber Harvest - Clear cut	27	T04N R10E S17	2701614
Timber Harvest - Clear cut	20	T04N R10E S17	2701614
Timber Harvest - Clear cut	30	T04N R10E S18	2701614
Timber Harvest - Clear cut	80	T04N R10E S19	2701188
Timber Harvest - Clear cut	24	T04N R10E S19	2701614
Timber Harvest - Clear cut	41	T04N R11E S06	2701826
Timber Harvest - Clear cut	28	T05N R12E S36	2702036
Timber Harvest - Late rotation thinning	260	T03N R12E S06	2700933
Timber Harvest - Late rotation thinning	132	T04N R11E S04	2701826
Timber Harvest - Late rotation thinning	57	T04N R11E S06	2701826
Timber Harvest - Late rotation thinning	79	T04N R12E S31	2700933
Timber Harvest - Late rotation thinning	338	T05N R13E S23	2701996
Timber Harvest - Late rotation thinning	367	T06N R11E S16	2701634
Timber Harvest - Late rotation thinning	65	T12N R14E S16	2702260
Timber Harvest - Late rotation thinning	118	T12N R14E S16	2701994
Timber Harvest - Shelterwood intermediate cut	59	T12N R14E S24	2702642
Timber Harvest - Shelterwood intermediate cut	3	T12N R14E S24	2702642
Timber Harvest - Shelterwood intermediate cut	30	T12N R14E S34	2702642
Timber Harvest - Shelterwood intermediate cut	30	T12N R14E S34	2702642
Timber Harvest - Smallwood thinning	36	T06N R12E S01	2701873
Timber Harvest - Smallwood thinning	15	T06N R12E S01	2701873
Timber Harvest - Smallwood thinning	318	T06N R12E S02	2701873
Timber Harvest - Uneven-aged management	57	T07N R12E S35	2701873
Timber Harvest - Uneven-aged management	90	T12N R14E S22	2702260
Forest site preparation - Ground mechanical	24	T03N R12E S06	
Forest site preparation - Ground mechanical	30	T03N R12E S06	
Forest site preparation - Ground mechanical	19	T04N R10E S17	
Forest site preparation - Ground mechanical	27	T04N R10E S17	
Forest site preparation - Ground mechanical	10	T04N R10E S19	
Forest site preparation - Ground mechanical	15	T04N R10E S19	
Forest site preparation - Ground mechanical	6	T04N R12E S02	
Forest site preparation - Ground mechanical	20	T04N R12E S02	
Forest site preparation - Ground mechanical	27	T04N R12E S23	
Forest site preparation - Ground mechanical	37	T04N R12E S31	
Forest site preparation - Ground mechanical	70	T07N R11E S26	
Forest site preparation - Ground mechanical	200	T07N R11E S26	
Forest site preparation - Ground mechanical	80	T07N R11E S26	
Forest site preparation - Ground mechanical	46	T12N R14E S16	

Klickitat HCP Planning Unit			
<i>Silvicultural Activity</i>	<i>Acres</i>	<i>Location</i>	<i>FPA #</i>
Forest site preparation - Ground mechanical	114	T12N R14E S16	
Forest regeneration - Hand planting	36	T03N R12E S06	
Forest regeneration - Hand planting	6	T03N R12E S06	
Forest regeneration - Hand planting	5	T03N R12E S06	
Forest regeneration - Hand planting	61	T03N R12E S06	
Forest regeneration - Hand planting	27	T04N R10E S17	
Forest regeneration - Hand planting	19	T04N R10E S17	
Forest regeneration - Hand planting	29	T04N R10E S18	
Forest regeneration - Hand planting	23	T04N R10E S19	
Forest regeneration - Hand planting	41	T04N R11E S06	
Forest regeneration - Hand planting	6	T04N R12E S02	
Forest regeneration - Hand planting	46	T04N R12E S02	
Forest regeneration - Hand planting	29	T04N R12E S23	
Forest regeneration - Hand planting	79	T04N R12E S31	
Forest regeneration - Hand planting	28	T05N R12E S36	
Forest regeneration - Hand planting	55	T07N R11E S26	
Forest regeneration - Hand planting	80	T12N R14E S14	
Vegetation management - Ground herbicide	5	T03N R12E S06	
Vegetation management - Ground herbicide	6	T03N R12E S06	
Vegetation management - Ground herbicide	37	T03N R12E S06	
Vegetation management - Ground herbicide	56	T04N R11E S25	
Vegetation management - Ground herbicide	42	T04N R12E S31	
Vegetation management - Ground herbicide	63	T05N R12E S17	
Vegetation management - Ground herbicide	28	T05N R12E S32	
Vegetation management - Ground herbicide	53	T06N R10E S12	
North Puget HCP Planning Unit			
Timber Harvest - Clear cut	3	T23N R07E S09	2408932
Timber Harvest - Clear cut	59	T24N R07E S34	2408573
Timber Harvest - Clear cut	98	T26N R08E S18	2408802
Timber Harvest - Clear cut	19	T27N R07E S20	2804917
Timber Harvest - Clear cut	47	T28N R07E S11	2804335
Timber Harvest - Clear cut	43	T28N R07E S13	2805548
Timber Harvest - Clear cut	25	T28N R08E S03	2804265
Timber Harvest - Clear cut	45	T28N R08E S05	2805060
Timber Harvest - Clear cut	94	T28N R08E S07	2804905
Timber Harvest - Clear cut	36	T28N R08E S07	2805172
Timber Harvest - Clear cut	84	T28N R08E S08	2805060
Timber Harvest - Clear cut	37	T28N R08E S18	2804905
Timber Harvest - Clear cut	2	T28N R09E S07	Missing
Timber Harvest - Clear cut	67	T29N R08E S13	2801265
Timber Harvest - Clear cut	82	T29N R08E S34	2805899
Timber Harvest - Clear cut	50	T30N R07E S06	2805542
Timber Harvest - Clear cut	37	T30N R07E S07	2805542
Timber Harvest - Clear cut	59	T30N R07E S34	2804913
Timber Harvest - Clear cut	51	T31N R06E S01	2805540
Timber Harvest - Clear cut	32	T31N R06E S11	2805540
Timber Harvest - Clear cut	35	T31N R06E S11	2805540
Timber Harvest - Clear cut	2	T31N R06E S11	2805540
Timber Harvest - Clear cut	30	T31N R06E S12	2805540
Timber Harvest - Clear cut	37	T31N R06E S14	2805262

North Puget HCP Planning Unit			
<i>Silvicultural Activity</i>	<i>Acres</i>	<i>Location</i>	<i>FPA #</i>
Timber Harvest - Clear cut	47	T31N R06E S14	2805262
Timber Harvest - Clear cut	92	T31N R06E S22	2804337
Timber Harvest - Clear cut	1	T32N R06E S04	2804779
Timber Harvest - Clear cut	31	T32N R06E S06	2804988
Timber Harvest - Clear cut	70	T32N R07E S05	2805631
Timber Harvest - Clear cut	95	T33N R05E S03	2805537
Timber Harvest - Clear cut	34	T33N R05E S03	2805537
Timber Harvest - Clear cut	36	T33N R05E S15	2804933
Timber Harvest - Clear cut	60	T33N R05E S22	2804933
Timber Harvest - Clear cut	82	T33N R05E S25	2805306
Timber Harvest - Clear cut	35	T33N R05E S26	2805306
Timber Harvest - Clear cut	52	T33N R07E S19	2805631
Timber Harvest - Clear cut	53	T33N R07E S27	2805314
Timber Harvest - Clear cut	86	T33N R07E S29	2805631
Timber Harvest - Clear cut	29	T33N R07E S34	2805314
Timber Harvest - Clear cut	3	T33N R07E S34	2805314
Timber Harvest - Clear cut	55	T34N R05E S17	2805648
Timber Harvest - Clear cut	39	T34N R05E S20	2805648
Timber Harvest - Clear cut	17	T34N R05E S21	2804041
Timber Harvest - Clear cut	40	T34N R05E S28	2804041
Timber Harvest - Clear cut	64	T35N R05E S02	2805350
Timber Harvest - Clear cut	67	T36N R04E S16	2805509
Timber Harvest - Clear cut	20	T36N R05E S07	2805474
Timber Harvest - Clear cut	12	T36N R05E S07	2805474
Timber Harvest - Clear cut	17	T36N R05E S08	2805474
Timber Harvest - Clear cut	34	T36N R05E S34	2805163
Timber Harvest - Clear cut	62	T36N R06E S07	2804217
Timber Harvest - Clear cut	60	T36N R06E S07	2804217
Timber Harvest - Clear cut	50	T36N R06E S21	2804941
Timber Harvest - Clear cut	3	T36N R06E S26	2805664
Timber Harvest - Clear cut	90	T36N R06E S27	2805664
Timber Harvest - Clear cut	27	T36N R06E S28	2804941
Timber Harvest - Clear cut	22	T36N R06E S28	2804941
Timber Harvest - Clear cut	33	T37N R05E S04	2804563
Timber Harvest - Clear cut	64	T37N R05E S25	2804481
Timber Harvest - Clear cut	40	T37N R05E S27	2805764
Timber Harvest - Clear cut	53	T37N R05E S28	2804462
Timber Harvest - Clear cut	31	T37N R06E S30	2804481
Timber Harvest - Clear cut	54	T37N R06E S31	2804575
Timber Harvest - Clear cut	88	T38N R05E S04	2805703
Timber Harvest - Clear cut	68	T38N R05E S14	2805510
Timber Harvest - Clear cut	91	T38N R05E S27	2804907
Timber Harvest - Clear cut	62	T38N R05E S34	2805159
Timber Harvest - Clear cut	85	T38N R05E S35	2805159
Timber Harvest - Clear cut	37	T38N R06E S29	2806413
Timber Harvest - Clear cut	18	T39N R05E S01	2805476
Timber Harvest - Clear cut	69	T39N R05E S11	2804440
Timber Harvest - Clear cut	57	T39N R05E S14	2804239
Timber Harvest - Clear cut	101	T39N R05E S14	2804952
Timber Harvest - Clear cut	12	T39N R05E S14	2804239
Timber Harvest - Clear cut	63	T39N R05E S28	2805604

North Puget HCP Planning Unit			
<i>Silvicultural Activity</i>	<i>Acres</i>	<i>Location</i>	<i>FPA #</i>
Timber Harvest - Clear cut	65	T39N R06E S07	2804246
Timber Harvest - Clear cut	20	T40N R05E S24	2806356
Timber Harvest - Clear cut	50	T40N R05E S26	2805346
Timber Harvest - Clear cut	103	T40N R06E S21	2806241
Timber Harvest - Late rotation thinning	30	T26N R08E S07	2408802
Timber Harvest - Late rotation thinning	8	T26N R08E S18	2408802
Timber Harvest - Late rotation thinning	86	T26N R08E S18	2408802
Timber Harvest - Selective product logging	50	T40N R06E S20	2804951
Timber Harvest - Shelterwood intermediate cut	53	T36N R03E S11	2804985
Timber Harvest - Smallwood thinning	73	T30N R07E S36	2804125
Timber Harvest - Uneven-aged management	52	T29N R07E S15	2804825
Timber Harvest - Uneven-aged management	76	T29N R07E S21	2804825
Timber Harvest - Uneven-aged management	4	T29N R07E S21	2804825
Timber Harvest - Uneven-aged management	13	T29N R07E S22	2804825
Timber Harvest - Variable density thinning	51	T33N R10E S15	2804742
Timber Harvest - Variable density thinning	16	T33N R10E S28	2804742
Timber Harvest - Variable density thinning	45	T33N R10E S28	2804742
Forest site preparation - Aerial herbicide	25	T28N R08E S08	2806048
Forest site preparation - Aerial herbicide	24	T28N R08E S17	2806048
Forest site preparation - Aerial herbicide	34	T28N R08E S17	2806048
Forest site preparation - Aerial herbicide	63	T29N R07E S01	2806048
Forest site preparation - Aerial herbicide	16	T29N R07E S01	2806048
Forest site preparation - Aerial herbicide	16	T32N R06E S04	2806048
Forest site preparation - Aerial herbicide	7	T32N R06E S05	2806048
Forest site preparation - Aerial herbicide	93	T32N R07E S03	2806048
Forest site preparation - Aerial herbicide	13	T32N R07E S16	2806048
Forest site preparation - Aerial herbicide	4	T32N R07E S21	2806048
Forest site preparation - Aerial herbicide	32	T32N R07E S22	2806048
Forest site preparation - Aerial herbicide	4	T32N R09E S16	2806048
Forest site preparation - Aerial herbicide	3	T32N R09E S21	2806048
Forest site preparation - Aerial herbicide	54	T32N R09E S21	2806048
Forest site preparation - Aerial herbicide	18	T33N R04E S12	2806048
Forest site preparation - Aerial herbicide	5	T33N R05E S04	2806048
Forest site preparation - Aerial herbicide	51	T33N R05E S04	2806048
Forest site preparation - Aerial herbicide	18	T33N R05E S09	2806048
Forest site preparation - Aerial herbicide	39	T33N R05E S10	2806048
Forest site preparation - Aerial herbicide	36	T33N R05E S10	2806048
Forest site preparation - Aerial herbicide	48	T33N R05E S10	2806048
Forest site preparation - Aerial herbicide	55	T33N R05E S11	2806048
Forest site preparation - Aerial herbicide	21	T33N R05E S11	2806048
Forest site preparation - Aerial herbicide	77	T33N R05E S12	2806048
Forest site preparation - Aerial herbicide	72	T33N R05E S18	2806048
Forest site preparation - Aerial herbicide	27	T33N R05E S21	2806048
Forest site preparation - Aerial herbicide	71	T33N R05E S29	2806048
Forest site preparation - Aerial herbicide	52	T33N R05E S36	2806048
Forest site preparation - Aerial herbicide	33	T33N R06E S19	2806048
Forest site preparation - Aerial herbicide	41	T33N R06E S20	2806048
Forest site preparation - Aerial herbicide	22	T33N R06E S20	2806048
Forest site preparation - Aerial herbicide	48	T33N R06E S20	2806048
Forest site preparation - Aerial herbicide	27	T33N R07E S29	2806048
Forest site preparation - Aerial herbicide	35	T33N R07E S32	2806048

North Puget HCP Planning Unit			
<i>Silvicultural Activity</i>	<i>Acres</i>	<i>Location</i>	<i>FPA #</i>
Forest site preparation - Aerial herbicide	32	T35N R05E S03	2806054
Forest site preparation - Ground herbicide	44	T35N R05E S03	
Forest regeneration - Hand planting	57	T24N R07E S34	
Forest regeneration - Hand planting	35	T26N R08E S07	
Forest regeneration - Hand planting	80	T26N R08E S18	
Forest regeneration - Hand planting	25	T28N R08E S08	
Forest regeneration - Hand planting	8	T28N R08E S16	
Forest regeneration - Hand planting	23	T28N R08E S17	
Forest regeneration - Hand planting	34	T28N R08E S17	
Forest regeneration - Hand planting	16	T29N R07E S01	
Forest regeneration - Hand planting	63	T29N R07E S01	
Forest regeneration - Hand planting	50	T29N R07E S15	
Forest regeneration - Hand planting	9	T29N R07E S22	
Forest regeneration - Hand planting	58	T30N R07E S34	
Forest regeneration - Hand planting	20	T32N R06E S04	
Forest regeneration - Hand planting	7	T32N R06E S05	
Forest regeneration - Hand planting	25	T32N R06E S08	
Forest regeneration - Hand planting	6	T32N R06E S08	
Forest regeneration - Hand planting	3	T32N R07E S02	
Forest regeneration - Hand planting	2	T32N R07E S03	
Forest regeneration - Hand planting	12	T32N R07E S03	
Forest regeneration - Hand planting	93	T32N R07E S03	
Forest regeneration - Hand planting	13	T32N R07E S16	
Forest regeneration - Hand planting	4	T32N R07E S21	
Forest regeneration - Hand planting	32	T32N R07E S22	
Forest regeneration - Hand planting	9	T32N R09E S12	
Forest regeneration - Hand planting	4	T32N R09E S16	
Forest regeneration - Hand planting	6	T32N R09E S16	
Forest regeneration - Hand planting	3	T32N R09E S16	
Forest regeneration - Hand planting	110	T32N R09E S21	
Forest regeneration - Hand planting	1	T32N R09E S21	
Forest regeneration - Hand planting	1	T32N R09E S21	
Forest regeneration - Hand planting	3	T32N R09E S21	
Forest regeneration - Hand planting	3	T32N R09E S22	
Forest regeneration - Hand planting	3	T32N R09E S22	
Forest regeneration - Hand planting	8	T32N R09E S22	
Forest regeneration - Hand planting	18	T33N R04E S12	
Forest regeneration - Hand planting	31	T33N R05E S03	
Forest regeneration - Hand planting	31	T33N R05E S03	
Forest regeneration - Hand planting	51	T33N R05E S04	
Forest regeneration - Hand planting	5	T33N R05E S04	
Forest regeneration - Hand planting	18	T33N R05E S09	
Forest regeneration - Hand planting	36	T33N R05E S10	
Forest regeneration - Hand planting	39	T33N R05E S10	
Forest regeneration - Hand planting	26	T33N R05E S10	
Forest regeneration - Hand planting	48	T33N R05E S10	
Forest regeneration - Hand planting	55	T33N R05E S11	
Forest regeneration - Hand planting	26	T33N R05E S11	
Forest regeneration - Hand planting	77	T33N R05E S12	
Forest regeneration - Hand planting	72	T33N R05E S18	
Forest regeneration - Hand planting	26	T33N R05E S21	

North Puget HCP Planning Unit			
<i>Silvicultural Activity</i>	<i>Acres</i>	<i>Location</i>	<i>FPA #</i>
Forest regeneration - Hand planting	60	T33N R05E S22	
Forest regeneration - Hand planting	71	T33N R05E S29	
Forest regeneration - Hand planting	52	T33N R05E S36	
Forest regeneration - Hand planting	31	T33N R06E S16	
Forest regeneration - Hand planting	33	T33N R06E S19	
Forest regeneration - Hand planting	41	T33N R06E S20	
Forest regeneration - Hand planting	22	T33N R06E S20	
Forest regeneration - Hand planting	48	T33N R06E S20	
Forest regeneration - Hand planting	5	T33N R06E S21	
Forest regeneration - Hand planting	38	T33N R06E S30	
Forest regeneration - Hand planting	28	T33N R06E S31	
Forest regeneration - Hand planting	27	T33N R07E S29	
Forest regeneration - Hand planting	35	T33N R07E S32	
Forest regeneration - Hand planting	16	T33N R10E S19	
Forest regeneration - Hand planting	75	T35N R05E S03	
Forest regeneration - Hand planting	12	T35N R06E S34	
Forest regeneration - Hand planting	45	T36N R03E S11	
Forest regeneration - Hand planting	59	T36N R04E S16	
Forest regeneration - Hand planting	47	T36N R06E S07	
Forest regeneration - Hand planting	50	T36N R06E S07	
Forest regeneration - Hand planting	83	T36N R06E S27	
Forest regeneration - Hand planting	24	T36N R06E S28	
Forest regeneration - Hand planting	30	T37N R05E S03	
Forest regeneration - Hand planting	33	T37N R05E S04	
Forest regeneration - Hand planting	27	T37N R05E S10	
Forest regeneration - Hand planting	33	T37N R05E S18	
Forest regeneration - Hand planting	59	T37N R05E S25	
Forest regeneration - Hand planting	52	T37N R05E S28	
Forest regeneration - Hand planting	27	T37N R06E S30	
Forest regeneration - Hand planting	45	T37N R06E S31	
Forest regeneration - Hand planting	68	T38N R05E S14	
Forest regeneration - Hand planting	10	T38N R05E S24	
Forest regeneration - Hand planting	32	T38N R05E S24	
Forest regeneration - Hand planting	58	T38N R05E S34	
Forest regeneration - Hand planting	17	T39N R05E S01	
Forest regeneration - Hand planting	9	T39N R05E S01	
Forest regeneration - Hand planting	22	T39N R05E S02	
Forest regeneration - Hand planting	29	T39N R05E S08	
Forest regeneration - Hand planting	49	T39N R05E S10	
Forest regeneration - Hand planting	58	T39N R05E S11	
Forest regeneration - Hand planting	27	T39N R05E S12	
Forest regeneration - Hand planting	90	T39N R05E S14	
Forest regeneration - Hand planting	59	T39N R06E S07	
Forest regeneration - Hand planting	38	T40N R05E S01	
Forest regeneration - Natural regeneration	3	T39N R05E S08	
Forest regeneration - Natural regeneration	90	T39N R05E S14	
Vegetation management - Aerial herbicide	53	T36N R04E S15	2806054
Vegetation management - Aerial herbicide	42	T36N R04E S22	2806054
Vegetation management - Aerial herbicide	70	T36N R04E S22	2806054
Vegetation management - Aerial herbicide	29	T36N R05E S19	2806054
Vegetation management - Aerial herbicide	18	T37N R05E S19	2806054

North Puget HCP Planning Unit			
<i>Silvicultural Activity</i>	<i>Acres</i>	<i>Location</i>	<i>FPA #</i>
Vegetation management - Aerial herbicide	43	T37N R05E S19	2806054
Vegetation management - Aerial herbicide	37	T37N R05E S35	2806054
Vegetation management - Aerial herbicide	4	T37N R05E S35	2806054
Vegetation management - Aerial herbicide	21	T37N R05E S35	2806054
Vegetation management - Aerial herbicide	43	T38N R05E S21	2806054
Vegetation management - Aerial herbicide	90	T40N R06E S20	2806054
Vegetation management - Aerial herbicide	27	T40N R06E S28	2806054
Vegetation management - Ground herbicide	20	T26N R07E S02	
Vegetation management - Ground herbicide	24	T26N R07E S02	
Vegetation management - Ground herbicide	10	T26N R07E S11	
Vegetation management - Ground herbicide	96	T26N R07E S14	
Vegetation management - Ground herbicide	10	T26N R08E S19	
Vegetation management - Ground herbicide	50	T26N R08E S19	
Vegetation management - Ground herbicide	7	T27N R07E S29	
Vegetation management - Ground herbicide	25	T27N R07E S29	
Vegetation management - Ground herbicide	53	T27N R08E S31	
Vegetation management - Ground herbicide	35	T28N R07E S02	
Vegetation management - Ground herbicide	10	T28N R07E S13	
Vegetation management - Ground herbicide	75	T28N R08E S05	
Vegetation management - Ground herbicide	28	T28N R08E S11	
Vegetation management - Ground herbicide	28	T28N R08E S11	
Vegetation management - Ground herbicide	82	T28N R08E S18	
Vegetation management - Ground herbicide	30	T29N R07E S02	
Vegetation management - Ground herbicide	38	T31N R07E S32	
Vegetation management - Ground herbicide	60	T32N R06E S09	
Vegetation management - Ground herbicide	76	T32N R06E S16	
Vegetation management - Ground herbicide	66	T32N R08E S16	
Vegetation management - Ground herbicide	23	T32N R08E S17	
Vegetation management - Ground herbicide	9	T32N R09E S12	
Vegetation management - Ground herbicide	6	T32N R09E S16	
Vegetation management - Ground herbicide	1	T32N R09E S21	
Vegetation management - Ground herbicide	93	T32N R09E S21	
Vegetation management - Ground herbicide	8	T32N R09E S22	
Vegetation management - Ground herbicide	58	T33N R05E S22	
Vegetation management - Ground herbicide	7	T33N R05E S35	
Vegetation management - Ground herbicide	14	T33N R05E S35	
Vegetation management - Ground herbicide	24	T33N R10E S19	
Vegetation management - Ground herbicide	3	T33N R10E S28	
Vegetation management - Ground herbicide	10	T33N R10E S28	
Vegetation management - Ground herbicide	40	T35N R06E S27	
Vegetation management - Ground herbicide	33	T37N R05E S02	
Vegetation management - Ground herbicide	13	T37N R05E S02	
Vegetation management - Ground herbicide	18	T37N R05E S02	
Vegetation management - Ground herbicide	16	T37N R05E S15	
Vegetation management - Ground herbicide	35	T37N R05E S22	
Vegetation management - Ground herbicide	5	T37N R05E S34	
Vegetation management - Ground herbicide	21	T37N R05E S35	
Vegetation management - Ground herbicide	34	T38N R05E S25	
Vegetation management - Ground herbicide	47	T38N R06E S18	
Vegetation management - Ground herbicide	65	T39N R05E S15	
Vegetation management - Ground herbicide	38	T40N R05E S01	

North Puget HCP Planning Unit			
<i>Silvicultural Activity</i>	<i>Acres</i>	<i>Location</i>	<i>FPA #</i>
Vegetation management - Ground herbicide	33	T40N R05E S12	
Vegetation management - Ground herbicide	60	T40N R06E S06	
Vegetation management - Ground herbicide	34	T40N R06E S31	
Vegetation management - Hand cutting	77	T27N R07E S20	
Vegetation management - Hand cutting	16	T28N R07E S08	
Vegetation management - Hand cutting	72	T28N R07E S11	
Vegetation management - Hand cutting	24	T28N R08E S36	
Vegetation management - Hand cutting	80	T28N R09E S20	
Vegetation management - Hand cutting	1	T28N R09E S31	
Vegetation management - Hand cutting	40	T32N R06E S02	
Vegetation management - Hand cutting	21	T32N R06E S03	
Vegetation management - Hand cutting	79	T32N R06E S27	
Vegetation management - Hand cutting	2	T32N R07E S13	
Vegetation management - Hand cutting	17	T32N R07E S14	
Vegetation management - Hand cutting	60	T32N R07E S19	
Vegetation management - Hand cutting	71	T32N R08E S14	
Vegetation management - Hand cutting	2	T32N R08E S18	
Vegetation management - Hand cutting	4	T32N R09E S18	
Vegetation management - Hand cutting	8	T32N R09E S18	
Vegetation management - Hand cutting	6	T32N R09E S18	
Vegetation management - Hand cutting	9	T32N R09E S25	
Vegetation management - Hand cutting	88	T33N R05E S09	
Vegetation management - Hand cutting	98	T33N R05E S09	
Vegetation management - Hand cutting	32	T33N R05E S15	
Vegetation management - Hand cutting	63	T33N R05E S22	
Vegetation management - Hand cutting	11	T33N R05E S30	
Vegetation management - Hand cutting	17	T33N R05E S32	
Vegetation management - Hand cutting	49	T33N R05E S32	
Vegetation management - Hand cutting	60	T33N R06E S36	
Vegetation management - Hand cutting	13	T33N R10E S18	
Vegetation management - Hand cutting	10	T33N R10E S22	
Vegetation management - Hand cutting	49	T33N R10E S26	
Vegetation management - Hand cutting	16	T33N R10E S28	
Vegetation management - Hand cutting	2	T33N R10E S28	
Vegetation management - Hand cutting	17	T33N R10E S28	
Vegetation management - Hand cutting	60	T33N R10E S30	
Vegetation management - Hand cutting	45	T34N R05E S09	
Vegetation management - Hand cutting	43	T34N R05E S16	
Vegetation management - Hand cutting	6	T34N R05E S17	
Vegetation management - Hand cutting	47	T34N R05E S17	
Vegetation management - Hand cutting	58	T34N R05E S20	
Vegetation management - Hand cutting	17	T35N R05E S03	
Vegetation management - Hand cutting	25	T35N R08E S17	
Vegetation management - Hand cutting	32	T35N R09E S16	
Vegetation management - Hand cutting	77	T36N R03E S14	
Vegetation management - Hand cutting	81	T36N R03E S15	
Vegetation management - Hand cutting	84	T36N R05E S13	
Vegetation management - Hand cutting	10	T37N R05E S04	
Vegetation management - Hand cutting	80	T37N R05E S07	
Vegetation management - Hand cutting	80	T37N R05E S18	
Vegetation management - Hand cutting	37	T37N R05E S18	

North Puget HCP Planning Unit			
<i>Silvicultural Activity</i>	<i>Acres</i>	<i>Location</i>	<i>FPA #</i>
Vegetation management - Hand cutting	80	T37N R05E S18	
Vegetation management - Hand cutting	1	T37N R05E S25	
Vegetation management - Hand cutting	13	T37N R05E S31	
Vegetation management - Hand cutting	30	T37N R05E S35	
Vegetation management - Hand cutting	82	T37N R05E S36	
Vegetation management - Hand cutting	38	T38N R04E S36	
Vegetation management - Hand cutting	8	T38N R05E S07	
Vegetation management - Hand cutting	116	T38N R05E S13	
Vegetation management - Hand cutting	30	T38N R05E S21	
Vegetation management - Hand cutting	62	T38N R05E S24	
Vegetation management - Hand cutting	82	T38N R06E S31	
Vegetation management - Hand cutting	5	T39N R05E S03	
Vegetation management - Hand cutting	45	T39N R05E S10	
Vegetation management - Hand cutting	79	T39N R05E S14	
Vegetation management - Hand cutting	73	T39N R06E S02	
Vegetation management - Hand cutting	74	T39N R06E S02	
Vegetation management - Hand cutting	55	T40N R05E S25	
Vegetation management - Hand cutting	42	T40N R05E S29	
Vegetation management - Hand cutting	24	T40N R06E S20	
Vegetation management - Hand cutting	2	T40N R06E S20	
Vegetation management - Hand cutting	87	T40N R06E S27	
Vegetation management - Hand cutting	14	T40N R06E S29	
Vegetation management - Hand cutting	15	T40N R06E S31	
Pre-commercial thinning	55	T27N R07E S17	
Pre-commercial thinning	82	T27N R07E S17	
Pre-commercial thinning	22	T27N R07E S20	
Pre-commercial thinning	68	T28N R07E S04	
Pre-commercial thinning	1	T28N R07E S13	
Pre-commercial thinning	19	T28N R08E S10	
Pre-commercial thinning	94	T28N R08E S15	
Pre-commercial thinning	70	T28N R08E S15	
Pre-commercial thinning	38	T28N R08E S16	
Pre-commercial thinning	55	T28N R08E S18	
Pre-commercial thinning	53	T28N R08E S18	
Pre-commercial thinning	20	T29N R06E S12	
Pre-commercial thinning	46	T29N R06E S24	
Pre-commercial thinning	24	T29N R06E S24	
Pre-commercial thinning	8	T29N R07E S01	
Pre-commercial thinning	7	T29N R07E S02	
Pre-commercial thinning	6	T29N R07E S02	
Pre-commercial thinning	92	T29N R07E S04	
Pre-commercial thinning	70	T29N R07E S07	
Pre-commercial thinning	14	T29N R07E S08	
Pre-commercial thinning	19	T29N R07E S08	
Pre-commercial thinning	88	T29N R07E S10	
Pre-commercial thinning	72	T29N R07E S10	
Pre-commercial thinning	70	T29N R07E S12	
Pre-commercial thinning	221	T29N R07E S14	
Pre-commercial thinning	30	T29N R07E S14	
Pre-commercial thinning	64	T29N R07E S22	
Pre-commercial thinning	6	T29N R07E S23	

North Puget HCP Planning Unit			
<i>Silvicultural Activity</i>	<i>Acres</i>	<i>Location</i>	<i>FPA #</i>
Pre-commercial thinning	26	T29N R07E S26	
Pre-commercial thinning	43	T29N R07E S26	
Pre-commercial thinning	10	T29N R07E S26	
Pre-commercial thinning	16	T29N R07E S26	
Pre-commercial thinning	187	T29N R07E S27	
Pre-commercial thinning	249	T29N R07E S28	
Pre-commercial thinning	78	T29N R07E S32	
Pre-commercial thinning	73	T29N R08E S06	
Pre-commercial thinning	31	T30N R07E S21	
Pre-commercial thinning	86	T30N R07E S21	
Pre-commercial thinning	46	T31N R06E S02	
Pre-commercial thinning	14	T31N R06E S02	
Pre-commercial thinning	18	T31N R06E S02	
Pre-commercial thinning	28	T31N R06E S11	
Pre-commercial thinning	68	T31N R06E S12	
Pre-commercial thinning	38	T32N R06E S24	
Pre-commercial thinning	4	T32N R07E S02	
Pre-commercial thinning	45	T32N R07E S02	
Pre-commercial thinning	9	T32N R07E S02	
Pre-commercial thinning	42	T32N R07E S02	
Pre-commercial thinning	1	T32N R07E S03	
Pre-commercial thinning	10	T32N R07E S03	
Pre-commercial thinning	55	T32N R07E S03	
Pre-commercial thinning	54	T32N R07E S03	
Pre-commercial thinning	62	T32N R07E S04	
Pre-commercial thinning	78	T32N R07E S15	
Pre-commercial thinning	21	T32N R07E S22	
Pre-commercial thinning	151	T32N R08E S07	
Pre-commercial thinning	4	T33N R05E S13	
Pre-commercial thinning	5	T33N R05E S16	
Pre-commercial thinning	112	T33N R05E S20	
Pre-commercial thinning	55	T33N R05E S21	
Pre-commercial thinning	72	T33N R05E S22	
Pre-commercial thinning	9	T33N R05E S27	
Pre-commercial thinning	27	T33N R05E S27	
Pre-commercial thinning	54	T33N R05E S27	
Pre-commercial thinning	156	T33N R05E S29	
Pre-commercial thinning	4	T33N R05E S29	
Pre-commercial thinning	5	T33N R05E S29	
Pre-commercial thinning	62	T33N R05E S30	
Pre-commercial thinning	41	T33N R05E S34	
Pre-commercial thinning	89	T33N R06E S19	
Pre-commercial thinning	64	T33N R06E S21	
Pre-commercial thinning	25	T33N R06E S21	
Pre-commercial thinning	40	T33N R06E S36	
Pre-commercial thinning	44	T33N R06E S36	
Pre-commercial thinning	75	T33N R07E S30	
Pre-commercial thinning	41	T33N R07E S31	
Pre-commercial thinning	47	T33N R07E S31	
Pre-commercial thinning	11	T33N R07E S31	
Pre-commercial thinning	31	T33N R07E S34	

North Puget HCP Planning Unit			
<i>Silvicultural Activity</i>	<i>Acres</i>	<i>Location</i>	<i>FPA #</i>
Pre-commercial thinning	39	T33N R07E S34	
Pre-commercial thinning	23	T33N R07E S34	
Pre-commercial thinning	40	T33N R09E S24	
Pre-commercial thinning	19	T33N R10E S07	
Pre-commercial thinning	64	T34N R05E S04	
Pre-commercial thinning	93	T34N R09E S36	
Pre-commercial thinning	65	T35N R05E S01	
Pre-commercial thinning	39	T35N R05E S35	
Pre-commercial thinning	38	T35N R06E S34	
Pre-commercial thinning	78	T35N R06E S34	
Pre-commercial thinning	69	T36N R03E S11	
Pre-commercial thinning	80	T36N R04E S01	
Pre-commercial thinning	27	T36N R04E S03	
Pre-commercial thinning	69	T36N R07E S33	
Pre-commercial thinning	53	T36N R07E S34	
Pre-commercial thinning	49	T36N R07E S34	
Pre-commercial thinning	89	T36N R08E S22	
Pre-commercial thinning	85	T37N R04E S13	
Pre-commercial thinning	93	T37N R05E S18	
Pre-commercial thinning	52	T37N R05E S18	
Pre-commercial thinning	18	T39N R05E S01	
Pre-commercial thinning	69	T39N R06E S02	
Pre-commercial thinning	35	T40N R05E S29	
Pre-commercial thinning	55	T40N R06E S32	
OESF HCP Planning Unit			
Timber Harvest - Late rotation thinning	10	T30N R10W S30	2604414
Timber Harvest - Late rotation thinning	65	T30N R11W S25	2604414
Timber Harvest - Late rotation thinning	27	T30N R12W S25	2604414
Forest regeneration - Hand planting	4	T29N R12W S09	
Forest regeneration - Hand planting	15	T29N R13W S01	
Forest regeneration - Hand planting	7	T29N R13W S12	
Forest regeneration - Hand planting	10	T30N R10W S30	
Forest regeneration - Hand planting	65	T30N R11W S25	
Forest regeneration - Hand planting	11	T30N R11W S29	
Forest regeneration - Hand planting	6	T30N R11W S29	
Forest regeneration - Hand planting	37	T30N R11W S29	
Forest regeneration - Hand planting	1	T30N R11W S30	
Forest regeneration - Hand planting	35	T30N R11W S31	
Forest regeneration - Hand planting	20	T30N R11W S36	
Forest regeneration - Hand planting	10	T30N R11W S36	
Forest regeneration - Hand planting	27	T30N R11W S36	
Forest regeneration - Hand planting	5	T30N R12W S18	
Forest regeneration - Hand planting	1	T30N R12W S21	
Forest regeneration - Hand planting	21	T30N R12W S22	
Forest regeneration - Hand planting	32	T30N R12W S22	
Forest regeneration - Hand planting	27	T30N R12W S25	
Forest regeneration - Hand planting	64	T30N R12W S26	
Forest regeneration - Hand planting	5	T30N R13W S22	
Vegetation management - Ground herbicide	4	T29N R12W S09	
Vegetation management - Ground herbicide	6	T29N R13W S01	

OESF HCP Planning Unit			
<i>Silvicultural Activity</i>	<i>Acres</i>	<i>Location</i>	<i>FPA #</i>
Vegetation management - Ground herbicide	13	T29N R13W S01	
Vegetation management - Ground herbicide	7	T29N R13W S12	
Vegetation management - Ground herbicide	8	T30N R12W S18	
Vegetation management - Ground herbicide	11	T30N R12W S29	
Vegetation management - Ground herbicide	4	T30N R13W S22	
Vegetation management - Hand cutting	20	T26N R11W S32	
Vegetation management - Hand cutting	18	T27N R12W S26	
Vegetation management - Hand cutting	18	T27N R12W S28	
Vegetation management - Hand cutting	20	T29N R13W S30	
Vegetation management - Hand cutting	15	T29N R14W S25	
Pre-commercial thinning	59	T24N R11W S29	
Pre-commercial thinning	35	T24N R12W S11	
Pre-commercial thinning	2	T25N R10W S02	
Pre-commercial thinning	5	T25N R10W S02	
Pre-commercial thinning	6	T25N R10W S07	
Pre-commercial thinning	1	T25N R10W S07	
Pre-commercial thinning	8	T25N R10W S08	
Pre-commercial thinning	52	T25N R10W S08	
Pre-commercial thinning	44	T25N R11W S02	
Pre-commercial thinning	9	T25N R11W S10	
Pre-commercial thinning	7	T25N R11W S12	
Pre-commercial thinning	14	T25N R11W S12	
Pre-commercial thinning	26	T25N R11W S12	
Pre-commercial thinning	28	T25N R11W S12	
Pre-commercial thinning	12	T25N R11W S17	
Pre-commercial thinning	65	T26N R10W S03	
Pre-commercial thinning	72	T26N R10W S04	
Pre-commercial thinning	102	T26N R10W S04	
Pre-commercial thinning	18	T26N R10W S08	
Pre-commercial thinning	85	T26N R10W S10	
Pre-commercial thinning	85	T26N R10W S14	
Pre-commercial thinning	74	T26N R10W S16	
Pre-commercial thinning	13	T26N R10W S22	
Pre-commercial thinning	98	T26N R10W S33	
Pre-commercial thinning	122	T26N R10W S35	
Pre-commercial thinning	13	T26N R10W S35	
Pre-commercial thinning	145	T26N R11W S07	
Pre-commercial thinning	44	T26N R11W S19	
Pre-commercial thinning	9	T26N R11W S29	
Pre-commercial thinning	18	T26N R11W S33	
Pre-commercial thinning	28	T26N R12W S21	
Pre-commercial thinning	45	T26N R12W S22	
Pre-commercial thinning	141	T26N R12W S26	
Pre-commercial thinning	48	T27N R11W S19	
Pre-commercial thinning	61	T27N R12W S28	
Pre-commercial thinning	17	T27N R12W S28	
Pre-commercial thinning	6	T27N R12W S28	
Pre-commercial thinning	7	T27N R12W S28	
Pre-commercial thinning	24	T27N R12W S28	
Pre-commercial thinning	14	T27N R12W S28	
Pre-commercial thinning	23	T27N R12W S28	

OESF HCP Planning Unit			
<i>Silvicultural Activity</i>	<i>Acres</i>	<i>Location</i>	<i>FPA #</i>
Pre-commercial thinning	15	T27N R12W S28	
Pre-commercial thinning	36	T27N R12W S28	
Pre-commercial thinning	4	T27N R14W S06	
Pre-commercial thinning	80	T28N R13W S19	
Pre-commercial thinning	30	T28N R13W S19	
Pre-commercial thinning	14	T28N R13W S22	
Pre-commercial thinning	15	T28N R13W S29	
Pre-commercial thinning	78	T28N R13W S29	
Pre-commercial thinning	10	T28N R13W S32	
Pre-commercial thinning	28	T28N R13W S33	
Pre-commercial thinning	33	T28N R13W S33	
Pre-commercial thinning	26	T28N R13W S33	
Pre-commercial thinning	14	T28N R13W S34	
Pre-commercial thinning	93	T28N R14W S28	
Pre-commercial thinning	33	T28N R14W S28	
Pre-commercial thinning	7	T28N R14W S31	
Pre-commercial thinning	8	T28N R14W S31	
Pre-commercial thinning	158	T28N R14W S32	
Pre-commercial thinning	64	T28N R14W S36	
Pre-commercial thinning	7	T28N R14W S36	
Pre-commercial thinning	19	T28N R14W S36	
Pre-commercial thinning	10	T28N R14W S36	
Pre-commercial thinning	7	T28N R14W S36	
Pre-commercial thinning	9	T28N R14W S36	
Pre-commercial thinning	4	T28N R14W S36	
Pre-commercial thinning	19	T28N R14W S36	
Pre-commercial thinning	73	T28N R15W S04	
Pre-commercial thinning	65	T28N R15W S10	
South Coast HCP Planning Unit			
Timber Harvest - Clear cut	18	T10N R09W S05	2507647
Timber Harvest - Clear cut	37	T10N R09W S05	2507647
Timber Harvest - Clear cut	94	T12N R03W S26	2510039
Timber Harvest - Clear cut	49	T12N R06W S01	2510201
Timber Harvest - Clear cut	76	T13N R05W S36	2510834
Timber Harvest - Clear cut	44	T13N R06W S36	2510201
Timber Harvest - Clear cut	72	T13N R07W S02	2510200
Timber Harvest - Clear cut	74	T13N R08W S16	2508549
Timber Harvest - Clear cut	37	T13N R08W S32	2506410
Timber Harvest - Clear cut	27	T13N R08W S32	2506410
Timber Harvest - Clear cut	65	T13N R08W S33	2509499
Timber Harvest - Clear cut	47	T14N R03W S07	2509901
Timber Harvest - Clear cut	54	T14N R03W S19	2510522
Timber Harvest - Clear cut	18	T14N R04W S25	2510241
Timber Harvest - Clear cut	25	T14N R04W S25	2510241
Timber Harvest - Clear cut	98	T14N R05W S04	2508011
Timber Harvest - Clear cut	23	T14N R05W S04	2507781
Timber Harvest - Clear cut	1	T14N R05W S04	2507781
Timber Harvest - Clear cut	66	T14N R07W S36	2507419
Timber Harvest - Clear cut	57	T15N R03W S32	2511159
Timber Harvest - Clear cut	38	T15N R04W S20	2509362

South Coast HCP Planning Unit			
<i>Silvicultural Activity</i>	<i>Acres</i>	<i>Location</i>	<i>FPA #</i>
Timber Harvest - Clear cut	69	T15N R04W S35	2510861
Timber Harvest - Clear cut	12	T16N R03W S04	2510161
Timber Harvest - Clear cut	46	T16N R03W S07	2508039
Timber Harvest - Clear cut	36	T16N R03W S16	2505889
Timber Harvest - Clear cut	39	T16N R04W S05	2506994
Timber Harvest - Clear cut	40	T16N R04W S05	2506994
Timber Harvest - Clear cut	38	T16N R04W S07	2506994
Timber Harvest - Clear cut	49	T16N R04W S10	2508845
Timber Harvest - Clear cut	17	T16N R04W S12	2510199
Timber Harvest - Clear cut	43	T16N R04W S13	2508039
Timber Harvest - Clear cut	68	T16N R04W S20	2510168
Timber Harvest - Clear cut	56	T16N R04W S23	2510289
Timber Harvest - Clear cut	2	T16N R04W S23	2510289
Timber Harvest - Clear cut	78	T16N R05W S01	2510832
Timber Harvest - Clear cut	24	T17N R03W S09	Missing
Timber Harvest - Clear cut	41	T17N R03W S18	Missing
Timber Harvest - Clear cut	13	T17N R03W S19	2510659
Timber Harvest - Clear cut	15	T17N R03W S19	2510659
Timber Harvest - Clear cut	45	T17N R03W S21	2510833
Timber Harvest - Clear cut	41	T17N R03W S21	2508470
Timber Harvest - Clear cut	17	T17N R03W S21	2510833
Timber Harvest - Clear cut	39	T17N R03W S21	2508470
Timber Harvest - Clear cut	51	T17N R03W S28	2510833
Timber Harvest - Clear cut	86	T17N R04W S24	2509907
Timber Harvest - Clear cut	65	T17N R04W S28	2510237
Timber Harvest - Clear cut	61	T17N R04W S32	2510237
Timber Harvest - Clear cut	5	T17N R04W S35	2510163
Timber Harvest - Clear cut	72	T18N R03W S33	2510236
Timber Harvest - Clear cut	24	T18N R04W S20	2506073
Timber Harvest - Late rotation thinning	137	T14N R03W S07	2508039
Timber Harvest - Late rotation thinning	76	T15N R05W S26	2507536
Timber Harvest - Late rotation thinning	196	T15N R05W S26	2507536
Timber Harvest - Late rotation thinning	28	T16N R04W S10	2507857
Timber Harvest - Late rotation thinning	57	T16N R04W S10	2507857
Timber Harvest - Late rotation thinning	19	T17N R03W S06	2508941
Timber Harvest - Late rotation thinning	24	T17N R03W S07	2508941
Timber Harvest - Late rotation thinning	18	T17N R03W S07	2508941
Timber Harvest - Late rotation thinning	31	T17N R03W S07	2508941
Timber Harvest - Late rotation thinning	7	T17N R04W S01	2508941
Timber Harvest - Late rotation thinning	23	T17N R04W S12	2508941
Timber Harvest - Late rotation thinning	61	T17N R04W S12	2508941
Timber Harvest - Salvage cut	1	T13N R08W S19	2510292
Timber Harvest - Salvage cut	2	T13N R08W S20	2510315
Timber Harvest - Salvage cut	14	T13N R08W S20	2510315
Timber Harvest - Salvage cut	8	T13N R08W S22	2510513
Timber Harvest - Salvage cut	6	T13N R08W S29	2510292
Timber Harvest - Selective product logging	27	T14N R05W S03	2510292
Timber Harvest - Selective product logging	36	T14N R05W S10	2510292
Timber Harvest - Selective product logging	31	T14N R05W S11	2510292
Timber Harvest - Selective product logging	4	T18N R04W S09	2507155
Timber Harvest - Selective product logging	7	T18N R04W S09	2507155

South Coast HCP Planning Unit			
<i>Silvicultural Activity</i>	<i>Acres</i>	<i>Location</i>	<i>FPA #</i>
Forest site preparation - Pile and burn	5	T13N R07W S01	
Forest site preparation - Pile and burn	5	T13N R07W S01	
Forest site preparation - Pile and burn	24	T13N R07W S18	
Forest site preparation - Pile and burn	2	T13N R07W S29	
Forest site preparation - Pile and burn	3	T13N R08W S07	
Forest site preparation - Pile and burn	5	T13N R08W S12	
Forest site preparation - Pile and burn	1	T13N R08W S19	
Forest site preparation - Pile and burn	1	T13N R08W S22	
Forest site preparation - Pile and burn	1	T13N R08W S28	
Forest site preparation - Pile and burn	1	T13N R08W S29	
Forest site preparation - Pile and burn	4	T13N R08W S33	
Forest site preparation - Pile and burn	1	T14N R03W S16	
Forest site preparation - Pile and burn	3	T14N R05W S04	
Forest site preparation - Pile and burn	3	T14N R05W S04	
Forest site preparation - Pile and burn	1	T14N R05W S04	
Forest site preparation - Pile and burn	2	T14N R05W S26	
Forest site preparation - Pile and burn	1	T14N R05W S34	
Forest site preparation - Pile and burn	1	T14N R05W S34	
Forest site preparation - Pile and burn	1	T14N R05W S34	
Forest site preparation - Pile and burn	1	T14N R05W S34	
Forest site preparation - Pile and burn	3	T14N R07W S36	
Forest site preparation - Pile and burn	3	T15N R03W S31	
Forest regeneration - Hand planting	86	T11N R08W S27	
Forest regeneration - Hand planting	2	T11N R08W S33	
Forest regeneration - Hand planting	82	T11N R09W S29	
Forest regeneration - Hand planting	49	T12N R06W S01	
Forest regeneration - Hand planting	27	T13N R03W S21	
Forest regeneration - Hand planting	44	T13N R06W S36	
Forest regeneration - Hand planting	47	T13N R07W S01	
Forest regeneration - Hand planting	18	T13N R07W S01	
Forest regeneration - Hand planting	24	T13N R07W S18	
Forest regeneration - Hand planting	20	T13N R07W S29	
Forest regeneration - Hand planting	53	T13N R08W S07	
Forest regeneration - Hand planting	36	T13N R08W S12	
Forest regeneration - Hand planting	1	T13N R08W S19	
Forest regeneration - Hand planting	55	T13N R08W S21	
Forest regeneration - Hand planting	8	T13N R08W S22	
Forest regeneration - Hand planting	7	T13N R08W S28	
Forest regeneration - Hand planting	6	T13N R08W S29	
Forest regeneration - Hand planting	25	T13N R08W S32	
Forest regeneration - Hand planting	65	T13N R08W S33	
Forest regeneration - Hand planting	42	T14N R03W S07	
Forest regeneration - Hand planting	3	T14N R03W S09	
Forest regeneration - Hand planting	51	T14N R03W S19	
Forest regeneration - Hand planting	25	T14N R04W S25	
Forest regeneration - Hand planting	93	T14N R05W S04	
Forest regeneration - Hand planting	23	T14N R05W S04	
Forest regeneration - Hand planting	1	T14N R05W S04	
Forest regeneration - Hand planting	37	T14N R05W S16	
Forest regeneration - Hand planting	26	T14N R05W S26	
Forest regeneration - Hand planting	10	T14N R05W S34	

South Coast HCP Planning Unit			
<i>Silvicultural Activity</i>	<i>Acres</i>	<i>Location</i>	<i>FPA #</i>
Forest regeneration - Hand planting	47	T14N R05W S34	
Forest regeneration - Hand planting	66	T14N R07W S36	
Forest regeneration - Hand planting	38	T15N R04W S20	
Forest regeneration - Hand planting	48	T15N R05W S04	
Forest regeneration - Hand planting	46	T16N R03W S07	
Forest regeneration - Hand planting	36	T16N R03W S16	
Forest regeneration - Hand planting	3	T16N R03W S16	
Forest regeneration - Hand planting	21	T16N R03W S17	
Forest regeneration - Hand planting	37	T16N R04W S05	
Forest regeneration - Hand planting	29	T16N R04W S05	
Forest regeneration - Hand planting	39	T16N R04W S05	
Forest regeneration - Hand planting	40	T16N R04W S05	
Forest regeneration - Hand planting	38	T16N R04W S07	
Forest regeneration - Hand planting	49	T16N R04W S10	
Forest regeneration - Hand planting	34	T16N R04W S10	
Forest regeneration - Hand planting	40	T16N R04W S12	
Forest regeneration - Hand planting	17	T16N R04W S12	
Forest regeneration - Hand planting	43	T16N R04W S13	
Forest regeneration - Hand planting	68	T16N R04W S16	
Forest regeneration - Hand planting	25	T16N R04W S17	
Forest regeneration - Hand planting	68	T16N R04W S20	
Forest regeneration - Hand planting	2	T16N R04W S23	
Forest regeneration - Hand planting	32	T16N R05W S12	
Forest regeneration - Hand planting	17	T16N R05W S13	
Forest regeneration - Hand planting	29	T17N R03W S05	
Forest regeneration - Hand planting	3	T17N R03W S08	
Forest regeneration - Hand planting	9	T17N R03W S08	
Forest regeneration - Hand planting	22	T17N R03W S08	
Forest regeneration - Hand planting	29	T17N R03W S09	
Forest regeneration - Hand planting	24	T17N R03W S09	
Forest regeneration - Hand planting	39	T17N R03W S18	
Forest regeneration - Hand planting	40	T17N R03W S21	
Forest regeneration - Hand planting	39	T17N R03W S21	
Forest regeneration - Hand planting	47	T17N R03W S28	
Forest regeneration - Hand planting	19	T17N R03W S33	
Forest regeneration - Hand planting	25	T17N R04W S05	
Forest regeneration - Hand planting	86	T17N R04W S24	
Forest regeneration - Hand planting	65	T17N R04W S28	
Forest regeneration - Hand planting	61	T17N R04W S32	
Forest regeneration - Hand planting	54	T17N R04W S33	
Forest regeneration - Hand planting	5	T17N R04W S35	
Forest regeneration - Hand planting	81	T17N R05W S25	
Forest regeneration - Hand planting	12	T18N R03W S30	
Forest regeneration - Hand planting	72	T18N R03W S33	
Forest regeneration - Hand planting	24	T18N R04W S20	
Forest regeneration - Hand planting	33	T18N R04W S30	
Forest regeneration - Hand planting	23	T18N R04W S32	
Forest regeneration - Hand planting	54	T18N R05W S36	
Forest regeneration - Hand planting	35	T19N R10W S36	
Forest regeneration - Hand planting	30	T21N R10W S36	
Forest regeneration - Natural regeneration	37	T10N R09W S05	

South Coast HCP Planning Unit			
<i>Silvicultural Activity</i>	<i>Acres</i>	<i>Location</i>	<i>FPA #</i>
Forest regeneration - Natural regeneration	18	T10N R09W S05	
Forest regeneration - Natural regeneration	27	T13N R08W S32	
Forest regeneration - Natural regeneration	37	T13N R08W S32	
Forest regeneration - Natural regeneration	22	T17N R04W S30	
Vegetation management - Aerial herbicide	23	T13N R05W S16	2511860
Vegetation management - Aerial herbicide	20	T13N R05W S16	2511860
Vegetation management - Aerial herbicide	38	T13N R05W S18	2511860
Vegetation management - Aerial herbicide	32	T13N R05W S30	2511860
Vegetation management - Aerial herbicide	24	T13N R05W S30	2511860
Vegetation management - Aerial herbicide	73	T13N R07W S01	2511862
Vegetation management - Aerial herbicide	54	T13N R07W S12	2511862
Vegetation management - Aerial herbicide	56	T13N R07W S36	2510891
Vegetation management - Aerial herbicide	25	T14N R05W S15	2510893
Vegetation management - Aerial herbicide	23	T14N R05W S22	2510893
Vegetation management - Aerial herbicide	50	T15N R01E S05	2511861
Vegetation management - Aerial herbicide	53	T15N R01W S03	2510893
Vegetation management - Aerial herbicide	10	T15N R01W S03	2510893
Vegetation management - Aerial herbicide	49	T15N R01W S04	2510893
Vegetation management - Aerial herbicide	75	T16N R01W S35	2511861
Vegetation management - Aerial herbicide	13	T16N R01W S36	2511861
Vegetation management - Aerial herbicide	81	T17N R04W S06	2510892
Vegetation management - Aerial herbicide	68	T17N R04W S31	2510892
Vegetation management - Aerial herbicide	60	T18N R04W S19	2510892
Vegetation management - Aerial herbicide	67	T18N R04W S29	2510892
Vegetation management - Aerial herbicide	34	T18N R04W S34	2510892
Vegetation management - Aerial herbicide	4	T18N R04W S34	2510892
Vegetation management - Aerial herbicide	30	T18N R04W S34	2510892
Vegetation management - Ground herbicide	22	T13N R05W S15	
Vegetation management - Ground herbicide	39	T14N R03W S09	
Vegetation management - Ground herbicide	16	T14N R03W S16	
Vegetation management - Ground herbicide	35	T14N R04W S12	
Vegetation management - Ground herbicide	41	T14N R04W S12	
Vegetation management - Ground herbicide	86	T14N R04W S13	
Vegetation management - Ground herbicide	28	T14N R05W S02	
Vegetation management - Ground herbicide	41	T14N R05W S03	
Vegetation management - Ground herbicide	44	T14N R05W S11	
Vegetation management - Ground herbicide	58	T14N R05W S14	
Vegetation management - Ground herbicide	9	T14N R05W S15	
Vegetation management - Ground herbicide	55	T14N R05W S23	
Vegetation management - Ground herbicide	26	T14N R05W S26	
Vegetation management - Ground herbicide	36	T15N R01W S03	
Vegetation management - Ground herbicide	5	T15N R01W S04	
Vegetation management - Ground herbicide	67	T15N R03W S31	
Vegetation management - Ground herbicide	60	T15N R04W S18	
Vegetation management - Ground herbicide	14	T15N R05W S34	
Vegetation management - Ground herbicide	12	T15N R05W S34	
Vegetation management - Ground herbicide	42	T15N R05W S36	
Vegetation management - Ground herbicide	30	T15N R05W S36	
Vegetation management - Ground herbicide	15	T16N R01W S33	
Vegetation management - Ground herbicide	29	T16N R01W S34	
Vegetation management - Ground herbicide	32	T16N R03W S05	

South Coast HCP Planning Unit			
<i>Silvicultural Activity</i>	<i>Acres</i>	<i>Location</i>	<i>FPA #</i>
Vegetation management - Ground herbicide	24	T17N R03W S09	
Vegetation management - Ground herbicide	17	T17N R03W S19	
Vegetation management - Hand cutting	1	T10N R08W S02	
Vegetation management - Hand cutting	57	T11N R08W S33	
Vegetation management - Hand cutting	43	T11N R09W S33	
Vegetation management - Hand cutting	6	T11N R09W S33	
Vegetation management - Hand cutting	18	T12N R08W S03	
Vegetation management - Hand cutting	20	T13N R03W S21	
Vegetation management - Hand cutting	32	T13N R04W S02	
Vegetation management - Hand cutting	25	T13N R05W S19	
Vegetation management - Hand cutting	7	T13N R05W S20	
Vegetation management - Hand cutting	23	T13N R05W S20	
Vegetation management - Hand cutting	32	T13N R05W S20	
Vegetation management - Hand cutting	43	T13N R05W S21	
Vegetation management - Hand cutting	41	T13N R05W S21	
Vegetation management - Hand cutting	33	T13N R05W S21	
Vegetation management - Hand cutting	7	T13N R05W S30	
Vegetation management - Hand cutting	28	T13N R05W S32	
Vegetation management - Hand cutting	48	T13N R06W S14	
Vegetation management - Hand cutting	63	T13N R06W S14	
Vegetation management - Hand cutting	70	T13N R06W S21	
Vegetation management - Hand cutting	70	T13N R06W S22	
Vegetation management - Hand cutting	6	T13N R06W S25	
Vegetation management - Hand cutting	31	T13N R06W S25	
Vegetation management - Hand cutting	20	T13N R07W S14	
Vegetation management - Hand cutting	70	T13N R07W S16	
Vegetation management - Hand cutting	87	T13N R07W S17	
Vegetation management - Hand cutting	82	T13N R07W S17	
Vegetation management - Hand cutting	15	T13N R07W S23	
Vegetation management - Hand cutting	49	T13N R08W S28	
Vegetation management - Hand cutting	6	T14N R03W S19	
Vegetation management - Hand cutting	13	T14N R03W S19	
Vegetation management - Hand cutting	10	T14N R04W S01	
Vegetation management - Hand cutting	26	T14N R05W S03	
Vegetation management - Hand cutting	3	T14N R05W S10	
Vegetation management - Hand cutting	38	T14N R05W S10	
Vegetation management - Hand cutting	10	T14N R05W S11	
Vegetation management - Hand cutting	20	T14N R05W S11	
Vegetation management - Hand cutting	10	T14N R05W S14	
Vegetation management - Hand cutting	1	T14N R05W S14	
Vegetation management - Hand cutting	26	T14N R05W S15	
Vegetation management - Hand cutting	17	T14N R05W S15	
Vegetation management - Hand cutting	3	T14N R05W S15	
Vegetation management - Hand cutting	2	T14N R05W S28	
Vegetation management - Hand cutting	64	T15N R01E S05	
Vegetation management - Hand cutting	3	T15N R02W S05	
Vegetation management - Hand cutting	9	T15N R02W S06	
Vegetation management - Hand cutting	60	T15N R02W S18	
Vegetation management - Hand cutting	97	T15N R04W S36	
Vegetation management - Hand cutting	36	T15N R05W S34	
Vegetation management - Hand cutting	5	T16N R03W S07	

South Coast HCP Planning Unit			
<i>Silvicultural Activity</i>	<i>Acres</i>	<i>Location</i>	<i>FPA #</i>
Vegetation management - Hand cutting	48	T16N R04W S07	
Vegetation management - Hand cutting	52	T16N R04W S08	
Vegetation management - Hand cutting	53	T16N R04W S09	
Vegetation management - Hand cutting	59	T16N R04W S14	
Vegetation management - Hand cutting	38	T16N R04W S18	
Vegetation management - Hand cutting	7	T16N R04W S20	
Vegetation management - Hand cutting	5	T16N R04W S22	
Vegetation management - Hand cutting	25	T16N R04W S23	
Vegetation management - Hand cutting	24	T16N R04W S23	
Vegetation management - Hand cutting	57	T16N R05W S12	
Vegetation management - Hand cutting	6	T16N R05W S13	
Vegetation management - Hand cutting	73	T17N R03W S18	
Vegetation management - Hand cutting	73	T17N R04W S07	
Vegetation management - Hand cutting	38	T17N R04W S23	
Vegetation management - Hand cutting	62	T17N R04W S24	
Vegetation management - Hand cutting	40	T17N R04W S35	
Vegetation management - Hand cutting	31	T17N R05W S02	
Vegetation management - Hand cutting	15	T17N R05W S11	
Vegetation management - Hand cutting	27	T17N R05W S24	
Vegetation management - Hand cutting	3	T17N R06W S25	
Vegetation management - Hand cutting	9	T18N R04W S29	
Vegetation management - Hand cutting	49	T18N R04W S32	
Vegetation management - Hand cutting	76	T18N R05W S36	
Pre-commercial thinning	50	T10N R08W S02	
Pre-commercial thinning	7	T12N R08W S03	
Pre-commercial thinning	18	T12N R08W S03	
Pre-commercial thinning	13	T13N R08W S19	
Pre-commercial thinning	64	T13N R09W S24	
Pre-commercial thinning	39	T16N R04W S03	
Pre-commercial thinning	123	T17N R03W S05	
Pre-commercial thinning	30	T17N R03W S16	
Pre-commercial thinning	30	T17N R03W S16	
Pre-commercial thinning	49	T17N R05W S13	
Pre-commercial thinning	69	T17N R05W S23	
Pre-commercial thinning	38	T17N R05W S24	
Pest management - Animal repellent	2	T16N R03W S16	
South Puget HCP Planning Unit			
Timber Harvest - Clear cut	9	T14N R06E S05	2409475
Timber Harvest - Clear cut	10	T14N R06E S05	2409475
Timber Harvest - Clear cut	74	T15N R05E S03	2408789
Timber Harvest - Clear cut	1	T15N R05E S09	2408937
Timber Harvest - Clear cut	75	T15N R05E S10	2408596
Timber Harvest - Clear cut	44	T15N R05E S12	2408887
Timber Harvest - Clear cut	60	T15N R05E S13	2408887
Timber Harvest - Clear cut	42	T15N R05E S13	2405216
Timber Harvest - Clear cut	20	T15N R05E S23	2405216
Timber Harvest - Clear cut	41	T15N R05E S24	2405216
Timber Harvest - Clear cut	81	T15N R06E S19	2409370
Timber Harvest - Clear cut	3	T15N R06E S19	2408717
Timber Harvest - Clear cut	19	T15N R06E S19	2408717

South Puget HCP Planning Unit			
<i>Silvicultural Activity</i>	<i>Acres</i>	<i>Location</i>	<i>FPA #</i>
Timber Harvest - Clear cut	23	T15N R06E S20	2408717
Timber Harvest - Clear cut	10	T15N R06E S20	2408717
Timber Harvest - Clear cut	14	T15N R06E S20	2408717
Timber Harvest - Clear cut	41	T15N R06E S20	2408717
Timber Harvest - Clear cut	33	T16N R01E S16	2511114
Timber Harvest - Clear cut	12	T16N R05E S32	2408480
Timber Harvest - Clear cut	55	T16N R05E S32	2408480
Timber Harvest - Clear cut	105	T16N R05E S36	2408717
Timber Harvest - Clear cut	32	T18N R03W S03	Missing
Timber Harvest - Clear cut	31	T18N R03W S10	Missing
Timber Harvest - Clear cut	95	T22N R01W S31	2408970
Timber Harvest - Clear cut	73	T22N R02W S25	2408970
Timber Harvest - Clear cut	88	T22N R02W S36	2408970
Timber Harvest - Clear cut	76	T23N R02W S12	2407834
Timber Harvest - Clear cut	6	T23N R02W S13	2407834
Timber Harvest - Clear cut	24	T23N R02W S16	2408044
Timber Harvest - Clear cut	61	T23N R02W S16	2408044
Timber Harvest - Clear cut	43	T23N R02W S16	2408044
Timber Harvest - Clear cut	32	T23N R02W S21	2408228
Timber Harvest - Clear cut	7	T23N R02W S23	2408745
Timber Harvest - Clear cut	57	T23N R02W S23	2408745
Timber Harvest - Clear cut	72	T23N R02W S24	2408745
Timber Harvest - Clear cut	14	T23N R02W S24	2408745
Timber Harvest - Clear cut	101	T23N R02W S28	2408228
Timber Harvest - Clear cut	43	T23N R02W S28	2408228
Timber Harvest - Clear cut	29	T24N R01W S04	2408376
Timber Harvest - Clear cut	30	T24N R01W S04	2408376
Timber Harvest - Clear cut	18	T24N R01W S04	2408376
Timber Harvest - Clear cut	14	T24N R01W S04	2408376
Timber Harvest - Clear cut	29	T24N R02W S16	2408933
Timber Harvest - Clear cut	3	T24N R02W S16	2408933
Timber Harvest - Clear cut	1	T24N R02W S16	2408933
Timber Harvest - Clear cut	57	T24N R02W S16	2408933
Timber Harvest - Late rotation thinning	60	T15N R05E S14	2405216
Timber Harvest - Late rotation thinning	47	T15N R05E S15	2405216
Timber Harvest - Late rotation thinning	41	T15N R05E S24	2405216
Timber Harvest - Late rotation thinning	27	T23N R02W S12	2407834
Timber Harvest - Selective product logging	31	T15N R05E S24	2409371
Timber Harvest - Selective product logging	28	T15N R05E S24	2409371
Timber Harvest - Selective product logging	36	T15N R05E S24	2409371
Timber Harvest - Selective product logging	1	T18N R03W S26	2507155
Timber Harvest - Selective product logging	5	T18N R03W S26	2507155
Timber Harvest - Selective product logging	24	T18N R03W S26	2507155
Timber Harvest - Selective product logging	32	T18N R03W S26	2507155
Timber Harvest - Selective product logging	3	T18N R04W S10	2507155
Timber Harvest - Selective product logging	1	T18N R04W S10	2507155
Timber Harvest - Selective product logging	1	T18N R04W S10	2507155
Timber Harvest - Two aged management	11	T16N R01E S16	2511114
Timber Harvest - Variable density thinning	90	T15N R06E S07	2408209
Timber Harvest - Variable density thinning	6	T15N R06E S07	2408209
Timber Harvest - Variable density thinning	13	T15N R06E S07	2408209

South Puget HCP Planning Unit			
<i>Silvicultural Activity</i>	<i>Acres</i>	<i>Location</i>	<i>FPA #</i>
Timber Harvest - Variable density thinning	53	T15N R06E S07	2408209
Forest regeneration - Hand planting	40	T15N R05E S13	
Forest regeneration - Hand planting	9	T15N R05E S23	
Forest regeneration - Hand planting	32	T15N R05E S24	
Forest regeneration - Hand planting	3	T15N R06E S07	
Forest regeneration - Hand planting	5	T15N R06E S07	
Forest regeneration - Hand planting	5	T15N R06E S07	
Forest regeneration - Hand planting	10	T15N R06E S20	
Forest regeneration - Hand planting	4	T16N R01E S11	
Forest regeneration - Hand planting	96	T16N R05E S36	
Forest regeneration - Hand planting	8	T17N R01E S36	
Forest regeneration - Hand planting	32	T18N R03W S03	
Forest regeneration - Hand planting	28	T18N R03W S04	
Forest regeneration - Hand planting	31	T18N R03W S10	
Forest regeneration - Hand planting	3	T18N R03W S30	
Forest regeneration - Hand planting	60	T18N R04W S14	
Forest regeneration - Hand planting	1	T19N R05E S36	
Forest regeneration - Hand planting	1	T21N R07E S20	
Forest regeneration - Hand planting	22	T22N R01E S16	
Forest regeneration - Hand planting	13	T22N R01E S16	
Forest regeneration - Hand planting	76	T23N R02W S12	
Forest regeneration - Hand planting	6	T23N R02W S13	
Forest regeneration - Hand planting	49	T23N R02W S16	
Forest regeneration - Hand planting	43	T23N R02W S16	
Forest regeneration - Hand planting	24	T23N R02W S16	
Forest regeneration - Hand planting	32	T23N R02W S21	
Forest regeneration - Hand planting	6	T23N R02W S23	
Forest regeneration - Hand planting	52	T23N R02W S23	
Forest regeneration - Hand planting	68	T23N R02W S24	
Forest regeneration - Hand planting	14	T23N R02W S24	
Forest regeneration - Hand planting	33	T23N R02W S28	
Forest regeneration - Hand planting	81	T23N R02W S28	
Forest regeneration - Hand planting	15	T23N R07E S19	
Forest regeneration - Hand planting	30	T23N R07E S19	
Forest regeneration - Hand planting	18	T23N R07E S30	
Forest regeneration - Hand planting	23	T23N R07E S30	
Forest regeneration - Hand planting	10	T23N R07E S30	
Forest regeneration - Hand planting	28	T23N R07E S30	
Forest regeneration - Hand planting	28	T24N R01W S04	
Forest regeneration - Hand planting	29	T24N R01W S04	
Forest regeneration - Hand planting	18	T24N R01W S04	
Forest regeneration - Hand planting	14	T24N R01W S04	
Forest regeneration - Hand planting	54	T24N R01W S14	
Forest regeneration - Hand planting	35	T24N R02W S16	
Forest regeneration - Hand planting	72	T24N R02W S16	
Vegetation management - Aerial herbicide	12	T16N R01W S36	2511861
Vegetation management - Ground herbicide	21	T18N R04W S23	
Vegetation management - Ground herbicide	2	T21N R06E S36	
Vegetation management - Ground herbicide	1	T21N R06E S36	
Vegetation management - Ground herbicide	1	T21N R06E S36	
Vegetation management - Ground herbicide	2	T21N R06E S36	

South Puget HCP Planning Unit			
<i>Silvicultural Activity</i>	<i>Acres</i>	<i>Location</i>	<i>FPA #</i>
Vegetation management - Ground herbicide	1	T21N R06E S36	
Vegetation management - Ground herbicide	97	T21N R07E S16	
Vegetation management - Hand cutting	81	T16N R01E S11	
Vegetation management - Hand cutting	73	T16N R01E S16	
Vegetation management - Hand cutting	5	T16N R01E S16	
Vegetation management - Hand cutting	89	T17N R01E S36	
Vegetation management - Hand cutting	8	T18N R03W S36	
Vegetation management - Hand cutting	63	T18N R04W S14	
Vegetation management - Hand cutting	92	T22N R01E S16	
Vegetation management - Hand cutting	9	T22N R01E S16	
Vegetation management - Hand cutting	22	T22N R01E S16	
Vegetation management - Hand cutting	14	T22N R01E S16	
Vegetation management - Hand cutting	33	T22N R01W S31	
Vegetation management - Hand cutting	59	T22N R02W S25	
Vegetation management - Hand cutting	12	T23N R02W S13	
Vegetation management - Hand cutting	33	T23N R02W S13	
Vegetation management - Hand cutting	12	T23N R02W S24	
Vegetation management - Hand cutting	17	T23N R03W S33	
Vegetation management - Hand cutting	10	T23N R03W S33	
Vegetation management - Hand cutting	17	T24N R01W S20	
Vegetation management - Hand cutting	17	T24N R01W S20	
Vegetation management - Hand cutting	74	T24N R01W S20	
Vegetation management - Hand cutting	74	T24N R01W S20	
Vegetation management - Hand cutting	4	T24N R02W S14	
Vegetation management - Hand cutting	4	T24N R02W S14	
Vegetation management - Hand cutting	13	T24N R02W S14	
Vegetation management - Hand cutting	2	T24N R02W S15	
Vegetation management - Hand cutting	1	T24N R02W S15	
Vegetation management - Hand cutting	1	T24N R02W S15	
Vegetation management - Hand cutting	10	T24N R02W S15	
Vegetation management - Hand cutting	47	T24N R02W S15	
Pre-commercial thinning	16	T23N R01W S06	
Pre-commercial thinning	174	T23N R01W S06	
Pre-commercial thinning	88	T23N R02W S33	
Pre-commercial thinning	34	T23N R02W S35	
Tree pruning - Hand pruning	31	T18N R04W S23	
Tree pruning - Hand pruning	24	T18N R04W S24	
Straits HCP Planning Unit			
Timber Harvest - Clear cut	83	T23N R03W S06	2407739
Timber Harvest - Clear cut	77	T23N R04W S01	2407739
Timber Harvest - Clear cut	4	T23N R04W S01	2407739
Timber Harvest - Clear cut	18	T24N R03W S32	2407739
Timber Harvest - Clear cut	7	T28N R01W S31	2603219
Timber Harvest - Clear cut	21	T28N R01W S31	2603219
Timber Harvest - Clear cut	46	T28N R01W S31	2603219
Timber Harvest - Clear cut	67	T28N R02W S35	2604210
Timber Harvest - Clear cut	30	T29N R03W S04	2604416
Timber Harvest - Clear cut	37	T29N R04W S06	2604535
Timber Harvest - Clear cut	31	T29N R04W S07	2605150
Timber Harvest - Clear cut	32	T30N R04W S29	2604320

Straits HCP Planning Unit			
<i>Silvicultural Activity</i>	<i>Acres</i>	<i>Location</i>	<i>FPA #</i>
Timber Harvest - Clear cut	62	T30N R04W S31	2604320
Timber Harvest - Clear cut	20	T30N R04W S31	2604320
Timber Harvest - Clear cut	57	T30N R04W S32	2604535
Timber Harvest - Clear cut	38	T30N R04W S32	2604535
Timber Harvest - Clear cut	81	T30N R04W S36	2604761
Timber Harvest - Clear cut	39	T30N R06W S19	2604394
Timber Harvest - Clear cut	41	T30N R06W S32	2605155
Timber Harvest - Clear cut	95	T30N R06W S33	2605155
Forest site preparation - Pile and burn	1	T29N R04W S07	
Forest site preparation - Pile and burn	1	T30N R04W S19	
Forest site preparation - Pile and burn	1	T30N R05W S36	
Forest site preparation - Pile and burn	1	T30N R06W S19	
Forest regeneration - Hand planting	71	T23N R03W S06	
Forest regeneration - Hand planting	4	T23N R04W S01	
Forest regeneration - Hand planting	77	T23N R04W S01	
Forest regeneration - Hand planting	63	T23N R04W S10	
Forest regeneration - Hand planting	63	T23N R04W S10	
Forest regeneration - Hand planting	55	T23N R04W S11	
Forest regeneration - Hand planting	55	T23N R04W S11	
Forest regeneration - Hand planting	18	T24N R03W S32	
Forest regeneration - Hand planting	7	T28N R01W S31	
Forest regeneration - Hand planting	18	T28N R01W S31	
Forest regeneration - Hand planting	46	T28N R01W S31	
Forest regeneration - Hand planting	57	T28N R02W S02	
Forest regeneration - Hand planting	97	T28N R02W S13	
Forest regeneration - Hand planting	25	T28N R02W S35	
Forest regeneration - Hand planting	4	T28N R02W S36	
Forest regeneration - Hand planting	3	T28N R02W S36	
Forest regeneration - Hand planting	47	T29N R01W S16	
Forest regeneration - Hand planting	19	T29N R01W S16	
Forest regeneration - Hand planting	47	T29N R01W S36	
Forest regeneration - Hand planting	30	T29N R03W S04	
Forest regeneration - Hand planting	75	T29N R03W S04	
Forest regeneration - Hand planting	37	T29N R04W S06	
Forest regeneration - Hand planting	31	T29N R04W S07	
Forest regeneration - Hand planting	63	T29N R05W S02	
Forest regeneration - Hand planting	2	T29N R05W S10	
Forest regeneration - Hand planting	35	T29N R05W S10	
Forest regeneration - Hand planting	6	T29N R05W S14	
Forest regeneration - Hand planting	59	T30N R02W S29	
Forest regeneration - Hand planting	79	T30N R02W S32	
Forest regeneration - Hand planting	53	T30N R04W S19	
Forest regeneration - Hand planting	34	T30N R04W S29	
Forest regeneration - Hand planting	64	T30N R04W S31	
Forest regeneration - Hand planting	21	T30N R04W S31	
Forest regeneration - Hand planting	36	T30N R04W S32	
Forest regeneration - Hand planting	57	T30N R04W S32	
Forest regeneration - Hand planting	57	T30N R04W S32	
Forest regeneration - Hand planting	81	T30N R04W S36	
Forest regeneration - Hand planting	5	T30N R05W S23	
Forest regeneration - Hand planting	27	T30N R05W S35	

Straits HCP Planning Unit			
<i>Silvicultural Activity</i>	<i>Acres</i>	<i>Location</i>	<i>FPA #</i>
Forest regeneration - Hand planting	29	T30N R05W S36	
Forest regeneration - Hand planting	25	T30N R06W S21	
Forest regeneration - Hand planting	38	T30N R06W S28	
Forest regeneration - Hand planting	29	T30N R06W S36	
Forest regeneration - Hand planting	2	T30N R09W S05	
Forest regeneration - Hand planting	5	T30N R09W S06	
Forest regeneration - Hand planting	15	T31N R09W S30	
Forest regeneration - Hand planting	30	T31N R09W S31	
Vegetation management - Ground herbicide	35	T23N R04W S14	
Vegetation management - Ground herbicide	25	T23N R04W S23	
Vegetation management - Ground herbicide	2	T23N R04W S23	
Vegetation management - Ground herbicide	38	T23N R04W S34	
Vegetation management - Ground herbicide	13	T23N R04W S34	
Vegetation management - Ground herbicide	97	T28N R02W S13	
Vegetation management - Ground herbicide	4	T28N R02W S36	
Vegetation management - Ground herbicide	3	T28N R02W S36	
Vegetation management - Ground herbicide	19	T29N R01W S16	
Vegetation management - Ground herbicide	2	T29N R01W S16	
Vegetation management - Ground herbicide	47	T29N R01W S16	
Vegetation management - Ground herbicide	61	T29N R05W S10	
Vegetation management - Ground herbicide	2	T29N R05W S10	
Vegetation management - Ground herbicide	56	T30N R08W S23	
Vegetation management - Ground herbicide	1	T30N R09W S05	
Vegetation management - Ground herbicide	5	T30N R09W S06	
Vegetation management - Ground herbicide	4	T30N R09W S08	
Vegetation management - Hand cutting	31	T30N R05W S31	
Vegetation management - Hand cutting	20	T30N R06W S19	
Vegetation management - Hand cutting	2	T30N R07W S24	
Vegetation management - Hand cutting	16	T30N R07W S24	
Yakima HCP Planning Unit			
Timber Harvest - Clear cut	29	T20N R19E S12	2700882
Timber Harvest - Clear cut	17	T20N R19E S12	2700882
Timber Harvest - Clear cut	16	T20N R19E S12	2700882
Timber Harvest - Seed tree intermediate cut	19	T20N R20E S24	2701113
Timber Harvest - Seed tree intermediate cut	18	T20N R20E S24	2701113
Timber Harvest - Seed tree intermediate cut	33	T20N R20E S24	2701113
Timber Harvest - Seed tree intermediate cut	6	T20N R21E S28	2701113
Timber Harvest - Seed tree intermediate cut	29	T20N R21E S30	2701113
Timber Harvest - Seed tree intermediate cut	9	T20N R21E S30	2701113
Timber Harvest - Seed tree intermediate cut	12	T20N R21E S30	2701113
Timber Harvest - Seed tree intermediate cut	43	T20N R21E S30	2701113
Timber Harvest - Seed tree intermediate cut	7	T21N R21E S19	2702248
Timber Harvest - Uneven-aged management	94	T19N R20E S16	2701803
Timber Harvest - Uneven-aged management	70	T19N R20E S16	2701803
Timber Harvest - Uneven-aged management	30	T19N R20E S20	2701803
Timber Harvest - Uneven-aged management	22	T19N R20E S20	2701803
Timber Harvest - Uneven-aged management	25	T19N R20E S20	2701803
Timber Harvest - Uneven-aged management	3	T20N R19E S12	2700882
Timber Harvest - Uneven-aged management	7	T20N R20E S24	2701113
Timber Harvest - Uneven-aged management	38	T20N R20E S24	2701113

Yakima HCP Planning Unit			
<i>Silvicultural Activity</i>	<i>Acres</i>	<i>Location</i>	<i>FPA #</i>
Timber Harvest - Uneven-aged management	12	T20N R20E S24	2701113
Timber Harvest - Uneven-aged management	18	T20N R21E S32	2701995
Forest site preparation - Ground mechanical	70	T19N R20E S16	
Forest site preparation - Ground mechanical	94	T19N R20E S16	
Forest site preparation - Ground mechanical	30	T19N R20E S20	
Forest site preparation - Ground mechanical	22	T19N R20E S20	
Forest site preparation - Ground mechanical	25	T19N R20E S20	
Forest site preparation - Ground mechanical	7	T21N R21E S19	
Forest regeneration - Hand planting	351	T13N R14E S26	
Forest regeneration - Hand planting	111	T13N R14E S33	
Pre-commercial thinning	20	T18N R16E S16	
Pre-commercial thinning	30	T19N R20E S08	