INTRODUCTION APPENDIX

Land Use Allocation

Table Intro_Apdx 1: North Fork Coquille Subwatershed Acres by Land Use Allocation and Drainage

		Drainages:							Total BLM Acres
		No. Fk. Coquille Cr.	Upper No. Coquille	Little No. Fk. Coquille	Whiley Reach	Moon Cr.			
Land Use Allocation (LUA) acres before Interim Riparian Reserve acres are subtracted	Late-Successional Reserve (LSR)	0	4,434	701	0	299			5,434
	Natural Research Area (NRA)	0	0	0	0	0			0
	Matrix: Connectivity (CON)	0	0	0	0	0			0
	Matrix: GFMA	20	0	19	0	970			1,010
Total BLM all LUAs		20	4,434	720	0	1,270			6,443
Interim Riparian Reserve acres within other land use allocation blocks	Riparian Reserves inside LSR	0	2,563	365	0	164			3,092
	Riparian Reserves inside NRA	0	0	0	0	0			0
	Riparian Reserves inside CON	0	0	0	0	0			0
	Riparian Reserves inside GFMA	4	0	1	0	556			561
Total BLM Riparian Reserve acres		4	2,563	366	0	720			3,654
Land Use Allocation (LUA) acres minus the Interim Riparian Reserve acres	LSR outside the Riparian Reserve	0	1,871	336	0	135			2,341
	NRA outside the Riparian Reserve	0	0	0	0	0			0
	CON outside the Riparian Reserve	0	0	0	0	0			0
	GFMA outside the Riparian Reserve	16	0	18	0	415			448
Total BLM land outside the Riparian Reserve		16	1,871	354	0	550			2,790

Table Intro_Apdx 2: Fairview Subwatershed Acres by Land Use Allocation and Drainage

		Drainages:							Total BLM Acres
		Steinnon Cr.	Woodward Cr.	Fairview Reach	Hudson Cr.	Steele Cr.			
Land Use Allocation (LUA) acres before Interim Riparian Reserve acres are subtracted	Late-Successional Reserve (LSR)	0	0	0	101	0			101
	Natural Research Area (NRA)	0	0	0	0	0			0
	Matrix: Connectivity (CON)	0	0	746	5	0			751
	Matrix: GFMA	1,398	1,731	1,757	993	1,092			6,970
Total BLM all LUAs		1,398	1,731	2,504	1,099	1,092			7,823
Interim Riparian Reserve acres within other land use allocation blocks	Riparian Reserves inside LSR	0	0	0	37	0			37
	Riparian Reserves inside NRA	0	0	0	0	0			0
	Riparian Reserves inside CON	0	0	451	0	0			452
	Riparian Reserves inside GFMA	665	872	661	554	584			3,336
Total BLM Riparian Reserve acres		665	872	1,112	591	584			3,825
Land Use Allocation (LUA) acres minus the Interim Riparian Reserve acres	LSR outside the Riparian Reserve	0	0	0	64	0			64
	NRA outside the Riparian Reserve	0	0	0	0	0			0
	CON outside the Riparian Reserve	0	0	295	5	0			300
	GFMA outside the Riparian Reserve	733	858	1,096	439	508			3,634
Total BLM land outside the Riparian Reserve		733	858	1,391	507	508			3,998

Table Intro_Apdx 3: Middle Creek Subwatershed Acres by Land Use Allocation and Drainage

		Drainages:							Total BLM Acres
		Alder Cr.	Upper Middle	Park Cr.	Vaughns Cr.	Middle Lost	Cherry Cr.	Lower Middle	
Land Use Allocation (LUA) acres before Interim Riparian Reserve acres are subtracted	Late-Successional Reserve (LSR)	1,861	2,333	2,053	1,600	183	2,092	0	10,121
	Natural Research Area (NRA)	0	0	0	0	0	565	0	565
	Matrix: Connectivity (CON)	0	0	0	0	0	0	0	0
	Matrix: GFMA	o	0	0	0	1,244	3,461	4,000	8,706
Total acres for all BLM administered land		1,861	2,333	2,053	1,600	1,428	6,117	4,000	19,391
Interim Riparian Reserve acres within other land use allocation blocks	Riparian Reserves inside LSR	1,071	1,373	1,087	736	68	1,017	0	5,353
	Riparian Reserves inside NRA	0	0	0	0	0	316	0	316
	Riparian Reserves inside CON	0	0	0	0	0	0	0	0
	Riparian Reserves inside GFMA	0	0	0	0	641	1,695	1,934	4,270
Total acres for BLM Riparian Reserves		1,071	1,373	1,087	736	710	3,028	1,934	9,939
percent of BLM land inside the Riparian Reserves		57.6%	58.8%	53.0%	46.0%	49.7%	49.5%	48.3%	51.3%
Land Use Allocation (LUA) acres minus the Interim Riparian Reserve acres	LSR outside the Riparian Reserve	790	960	965	863	115	1,074	0	4,768
	NRA outside the Riparian Reserve	0	0	0	0	0	249	0	249
	CON outside the Riparian Reserve	0	0	0	0	0	0	0	0
	GFMA outside the Riparian Reserve	0	0	0	0	603	1,766	2,066	4,435
Total acres of BLM land outside the Riparian Reserves		790	960	965	863	718	3,089	2,066	9,452

Table Intro_Apdx 4: North Coquille Mouth Subwatershed Acres by Land Use Allocation and Drainage

		Drainages:							Total BLM Acres
		Echo Valley	Llewellyn Cr.	Johns Cr.					
Land Use Allocation (LUA) acres before Interim Riparian Reserve acres are subtracted	Late-Successional Reserve (LSR)	0	0	0					0
	Natural Research Area (NRA)	0	0	0					0
	Matrix: Connectivity (CON)	85	0	11					96
	Matrix: GFMA	1,744	364	997					3,105
Total BLM all LUAs		1,829	364	1,008					3,200
Interim Riparian Reserve acres within other land use allocation blocks	Riparian Reserves inside LSR	0	0	0					0
	Riparian Reserves inside NRA	0	0	0					0
	Riparian Reserves inside CON	33	0	0					33
	Riparian Reserves inside GFMA	975	167	681					1,823
Total BLM Riparian Reserve acres		1,009	167	681					1,857
Land Use Allocation (LUA) acres minus the Interim Riparian Reserve acres	LSR outside the Riparian Reserve	0	0	0					0
	NRA outside the Riparian Reserve	0	0	0					0
	CON outside the Riparian Reserve	52	0	10					62
	GFMA outside the Riparian Reserve	768	197	316					1,281
Total BLM land outside the Riparian Reserve		820	197	326					1,343

Site Potential Tree

Table Intro_Apdx 5: Site Potential Tree Height Determination for the North Fork Coquille Watershed

Plot No. (from 5-point inventory)	twshp	range	sect.	FOI No.	Site Trees				Notes
					Species	Age (dbh age + 6-yrs.)	Total Tree Ht.	Site Index (McArdles 100-year)	
520	27	12	01	241526	DF	45	111	169	
						43	114	179	
						42	116	189	
						42	118	192	
						47	122	186	
160	27	12	1	241526	DF	49	126	181	
						40	130	220	
						43	129	203	
186	27	11	14	241477	DF	42	74	120	
						39	80	135	
						40	92	161	
202	27	10	19	240941	DF	172	236	207	
						174	257	220	
						174	223	193	
208	27	11	35	241194	DF	75	182	206	
						77	167	184	
						87	179	187	
207	27	11	33	242649	DF	257	231	183	1978 site tree info
						297	264	207	
						245	261	212	
206	27	11	31	241541	DF	49	103	147	
						48	111	163	
						41	102	172	
205	27	11	29	241505	DF	34	66	128	
						33	58	112	
						35	69	127	
204	27	11	27	241180	DF	225	217	179	
						228	232	192	
						202	188	158	
187	27	11	19	241485	DF	40	88	148	
						41	91	148	
						41	72	117	
188	27	11	21	241495	DF	44	104	163	
						44	113	177	
						40	105	177	

Plot No. (from 5-point inventory)	twshp	range	sect.	FOI No.	Site Trees				Notes
					Species	Age (dbh age + 6-yrs.)	Total Tree Ht.	Site Index (McArdles 100-year)	
189	27	11	23	241145	DF	28	57	132	
						29	65	142	
						30	63	138	
						30	59	129	
						29	55	120	
						30	72	169	
						27	60	141	
183	27	10	18	242910	DF	270	222	177	1968 site tree info.
						215	223	184	
						249	216	175	
181	27	10	14	240875	DF	505	256	190	
						604	251	186	
						548	245	182	
175	27	10	08	242471	DF	411	285	214	
						381	266	200	
						417	284	213	
174	27	10	07	242467	DF	253	262	210	
						249	254	208	
						260	254	204	
173	27	11	14	243188	DF	291	261	204	
						306	258	202	
						394	253	190	
171	27	11	07	241459	DF	50	138	198	
						46	122	185	
						50	135	194	
						50	142	204	
						50	140	201	
						46	128	195	
						50	140	201	
169	27	12	11	241559	DF	41	71	119	
						38	51	88	
						35	56	98	
156	26	10	30	240456	DF	252	263	211	
						258	244	196	
						238	248	201	
149	26	10	22	240348	DF	212	171	141	
						221	176	145	
						215	164	135	

Plot No. (from 5-point inventory)	twshp	range	sect.	FOI No.	Site Trees				Notes
					Species	Age (dbh age + 6-yrs.)	Total Tree Ht.	Site Index (McArdles 100-year)	
147	26	10	19	240316	DF	282	248	196	
						210	244	205	
						176	241	206	
144	26	10	19	242849	DF	222	258	203	
						273	238	188	
						328	261	200	
132	26	10	09	240227	DF	196	201	169	
						226	201	166	
						223	207	170	
138	26	10	15	242098	DF	263	256	205	
						249	251	204	
						273	244	193	
542	27	11	17	241479	DF	50	138	198	
						46	122	186	
						50	135	194	
						50	142	204	
						50	140	201	
						46	128	195	
						50	140	201	
538	27	11	17	241477	DF	42	120	196	
						41	104	168	
						41	97	164	
521	27	12	11	233628	DF	47	114	168	
						43	113	178	
						43	114	179	
						41	111	179	
						40	156	220	
507	27	12	15	241571	DF	39	77	130	
						37	82	144	
						38	80	141	
518	27	11	9	241465	DF	44	38	130	
						41	86	140	
						42	101	164	
519	27	11	21	241494	DF	48	85	125	
						53	112	153	
						53	86	118	
260	29	11	07	260253	DF	211	198	163	
						241	218	177	

Plot No. (from 5-point inventory)	twshp	range	sect.	FOI No.	Site Trees				Notes
					Species	Age (dbh age + 6-yrs.)	Total Tree Ht.	Site Index (McArdles 100-year)	
						197	196	164	
531	27	11	29	241505	DF	48	119	176	
						45	114	173	
						43	115	184	
240	28	12	23	241853	DF	39	80	138	
						49	79	114	
						39	74	127	
221	28	12	01	241835	DF	163	173	152	
						267	235	188	
						217	235	194	
Average Site Index for the North Fork Coquille Watershed:								**174**	

An 174-foot site index (100-year base) = A 220-foot site potential tree height.

References:

Coos Bay District 5-Point Inventory

Instruction Memorandum No. OR-95-75: Determining Site-Potential Tree Height for Initial Riparian Reserve Widths.

McArdle, R.E. 1961. *The Yield of Douglas Fir in the Pacific Northwest*. Tech Bull 201. USDA, Washington, D.C.