

WATERSHED	Year	Upper Main					Gus					Pothole					Rock					Trask Mainstem (MS)	Mouth of Trask	Notes and sources		
		UM 1	UM 2	UM 3	UM Downstream (UMDS)	GS 1	GS 2	GS 3 flume	GS 3 habitat reach	GS 4	GS Downstream (GSDS)	PH 1	PH 2	PH 3 flume	PH 3 habitat	PH 4	PH Downstream (PHDS)	RK 1 flume	RK 1 habitat	RK 2	RK 3				RK 4	RK Downstream (RKDS)
Ownership		WeyCo	WeyCo	WeyCo	WeyCo	WeyCo	BLM	WeyCo	WeyCo	WeyCo	ODF	ODF	ODF	ODF	ODF	ODF	WeyCo	WeyCo	WeyCo	ODF	ODF	ODF	ODF	ODF		
Harvest Treatment*	2012	no harvest	clearcut	clearcut	---	no harvest	thinning	clearcut	clearcut	clearcut	---	modified clearcut and retention cut	clearcut	no harvest	no harvest	modified clearcut	no harvest	no harvest	no harvest	no harvest	no harvest	no harvest	---	---		
Abbreviation Harvest and Riarian treatment		REF	CC_NB	CC_NB	---	REF	TH_B	CC_NB	CC_NB	CC_NB	---	CC_B	CC_B	REF	REF	CC_B	REF	REF	REF	REF	REF	REF	---	---		
Elevation of downstream point of habitat reach or edge (m)		657.8	684.7	727.9	607.9	611.2	637.9	710	788.6	628.3	469.5	530.5	492.7	368	389	370.3	324.1	788.6	647	680.4	578.4	548	426.4	334.4		
WS Area (ha)		44.2	17.1	39.2	278.8	26.5	39.0	37.8	20.4	21.0	301.4	67.1	20.4	48.4	45.4	23.6	324.6			42.2	32.4	35.3	38.8	669.9	1459	2,621.0
WS Area harvested (ha)	2012	0.0	15.6	21.8	69.1	0.0	16.4	34.6	17.9	19.0	90.1 (71.8 ha clearcut, 18.3 ha thinned)	58.5	16.7	0.0	0.0	21.8	143.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
% WS harvested	2012	0%	91%	56%	25%	0%	42%	92%	88%	90%	30%	87%	82%		0%	92%	44%	0%	0%	0%	0%	0%	0%	0%		
Pre-study harvested area (ha)	2005			6.8ha + 2.6 ha powerline	40.7													2.9ha + quarry					64.7			
Length of road in WS (m)		1033	460	2820		529	9	1315	915	978		2441	283	1107	1033	1040		701	701	1337	277	1142				
Distance (m) from habitat site to downstream site		406	1140	1581	---	1059	1355	---	2297	1131	---	2352	2159		1044	947	---		4385	3541	2388	2008	---			
Width of riparian buffer after harvest (m, one side)		REF	Leave trees*	Leave trees*	---	REF	15.0	0.0	0.0	0.0	---	16.6	11.3	REF	REF	12.0	---	REF	REF	REF	REF	REF	---			
Hemispherical photos above stream: Mean Total Site Factor	2008 (%)	14.9	15.7	19.4	19.4	17.1	18.8	---	16.4	14.5	16.0	14.1	8.7	---	17.5	15.3	18.0			12.3	10.4	10.9	n/a	15.8		
	2013 (%)	16.5	34.3	23.4	18.2	16.9	16.0	---	93.0	31.1	17.7	17.3	10.9	---	11.9	17.1	16.5			13.3	12.3	6.7	n/a	17.5		
Average slope (%) from 2008 and 2013		18.7	18.4	11.8	3.8	12.1	14.5	---	22.4	53.7	10.2	13.6	13.7		12.8	13.8	2.8		7.6	14.7	16.2		3.5			
Wetted channel width in June (m)		1.47	1.16	1.34	3.63	6.1	1.82	---	1.2		4.16	1.99	1		0.93	0.79	3.3		1.36	1.66			4.58			
Conifer mean basal area across WS	2008 (m <sup>2</sup> /ha)	47.5	45.4	31.5	37.9	33.2	44.5	45.0	44.4	42.6	40.5	38.9	47.4	31.8	31.8	31.9	34.5		41.8	32.8	45.8	36.6	34.8			
	2013 (m <sup>2</sup> /ha)	47.0	4.8	6.8	26.8	35.1	47.7	3.9	6.1	3.1	30.8	9.1	6.3	36.0	36.1	2.2	19.9		46.0	36.9	50.0	40.3	38.5			
Hardwood mean basal area across WS	2008 (m <sup>2</sup> /ha)	1.5	2.2	1.4	2.0	9.1	3.5	2.0	1.8	5.9	5.0	4.5	4.8	4.0	3.7	6.6	5.2		2.4	2.3	3.6	4.0	3.2			
	2013 (m <sup>2</sup> /ha)	1.2	0.3	0.2	1.5	9.0	3.1	0.1	0.1	0.3	3.7	1.5	1.7	3.5	3.3	1.4	3.1		1.9	2.1	3.7	4.3	3.0			
Alder mean basal area across WS	2008 (m <sup>2</sup> /ha)	1.0	1.7	1.3	1.6	8.2	2.9	1.6	1.5	5.1	4.3	4.0	2.8	2.8	2.4	5.7	4.2		1.9	2.0	3.2	3.4	2.7			
	2013 (m <sup>2</sup> /ha)	0.8	0.3	0.2	1.2	8.0	2.6	0.0	0.0	0.2	3.1	1.4	1.6	2.6	2.3	1.2	2.5		1.5	1.8	3.1	3.2	2.3			
Conifer mean canopy cover across WS	2008 (%)	73.6	74.0	49.2	57.3	58.8	74.7	75.0	75.1	70.0	67.7	64.5	75.0	58.7	59.4	53.6	59.1		67.6	55.3	74.4	64.4	59.6			
	2013 (%)	69.8	11.5	14.9	43.4	60.1	72.5	9.6	13.3	11.1	51.0	24.6	18.4	61.3	62.0	11.3	38.0		70.4	58.5	75.9	68.0	63.7			
Hardwood mean canopy cover across WS	2008 (%)	8.3	9.6	6.2	8.0	21.0	12.0	8.5	8.0	15.5	14.1	12.4	16.3	13.8	13.0	17.5	15.2		10.6	8.4	12.3	11.0	9.6			
	2013 (%)	6.3	1.1	1.4	5.8	21.1	10.0	0.5	0.6	0.8	10.1	3.7	3.4	12.8	12.3	3.3	9.0		8.6	7.8	12.9	12.5	9.4			
Dominant general geology*		Intrusive	Intrusive	Marine sedimentary rocks	Marine sedimentary rocks	Intrusive	Intrusive	Intrusive	Intrusive	Intrusive	Intrusive	Intrusive	Marine Volcanics	Marine Volcanics	Marine Volcanics	Marine Volcanics	Marine Volcanics		Intrusive	Intrusive	Marine sedimentary rocks	Marine sedimentary rocks	Marine sedimentary rocks	Intrusive	Intrusive	
Dominant General lithology type		Plutonic	Plutonic	Sedimentary	Sedimentary	Plutonic	Plutonic	Plutonic	Plutonic	Plutonic	Plutonic	Plutonic	Volcanic	Volcanic	Volcanic	Volcanic	Volcanic		Plutonic	Plutonic	Sedimentary	Sedimentary	Sedimentary	Plutonic	Plutonic	
Dominant formation		Diabase of Lee's Falls	Diabase of Lee's Falls	Yamhill	Yamhill	Diabase of Lee's Falls	Diabase of Lee's Falls	Diabase of Lee's Falls	Diabase of Lee's Falls	Diabase of Lee's Falls	Diabase of Lee's Falls	Basalt dikes and sills	Tillamook Volcanics	Diabase of Lee's Falls	Diabase of Lee's Falls	Diabase of Lee's Falls	Diabase of Lee's Falls	Diabase of Lee's Falls		Diabase of Lee's Falls	Diabase of Lee's Falls	Yamhill	Yamhill	Yamhill	Diabase of Lee's Falls	
Secondary general geology		None - all mapped as diabase	Marine sedimentary	Intrusive	Intrusive	Marine sedimentary	Small amount of Marine sedimentary	None - all mapped as diabase	None - all mapped as diabase	Marine sedimentary	Marine sedimentary	Marine volcanics near gage	Landslide deposit	Marine volcanics	Marine volcanics	Marine volcanics	Marine volcanics		Small amount marine sedimentary near gage	Marine volcanics near gage	Intrusive	Intrusive	Marine volcanics	Marine Volcanics	Marine Volcanics	
* Harvest treatments: Clearcut - A clearcut is a harvest where few seedlings, saplings or poles remain. Two wildlife leave trees and 2 downed logs per acre are required. Oregon Coast Geo-region: no overstory retention required.																										
Modified Clearcut: Clearcuts are modified to leave residual green trees, snags, or trees destined to become snags specifically for their biological or environmental values. 25 foot no touch buffer on perennial and seasonal streams.																										
Retention Cut: Retention cuts are similar to partial cuts (sign, BA left). Focus of future management will be on the new/young trees in the stand, rather than the residual trees. 25 foot no touch buffer on perennial and seasonal streams.																										
Thin: Basal area retention target for thinning = 125 sq ft +/- 5 sq ft per acre. Non-fish bearing 50 feet no touch each side.																										
Notes on rows 18-27 (basal area and canopy cover):																										
Metrics below derived by Dave Hockman-Wert based on satellite data provided by GNN and Dave Bell																										
Processing Comments:																										
GNN pixels were clipped by each individual watershed																										
Pixel values of basal area (BA) and canopy cover (CANCOV) were multiplied by the Count value (i.e., number of pixels with a given set of attributes)																										
The product of Count * BA and Count * CANCOV were summed for all rows in the raster attribute table.																										
The sums for each BA and CANCOV field were divided by the total pixel count in each subshed to arrive at an overall average value for each WS area.																										