

## **TER 2 Appendix 6**

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*AAHU Calculations by Habitat and Segment*

**AAHUs in Eagle Island Segment**

Habitat	Chickadee			Pileated Woodpecker			Yellow Warbler			Savannah Sparrow			Mink			Amphibian			
	Baseline	with harvest	w/o harvest	Baseline	with harvest	w/o harvest	Baseline	with harvest	w/o harvest	Baseline	with harvest	w/o harvest	Baseline	with harvest	w/o harvest	Baseline	with harvest	w/o harvest	
Lodgepole	0.0	0.0	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0							
Mature Conifer	2.5	2.5	2.5	2.8	2.8	2.8	0.0	0.0	0.0	0.0	0.0	0.0							
Mid-successional conifer	6.8	6.8	6.8	5.5	5.5	5.5	0.0	0.0	0.0	0.0	0.0	0.0							
Mid-successional conifer-thinned	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0							
Old Growth Conifer	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0							
Pole Conifer	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0							
Emergent Wetland	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0							
Forested Wetland	3.6	3.6	3.6	0.0	0.0	0.0	2.3	2.5	2.5	0.0	0.0	0.0							
Scrub-shrub Wetland	0.0	0.0	0.0	0.0	0.0	0.0	2.0	2.0	2.0	0.0	0.0	0.0							
Pole Conifer-thinned	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0							
Riparian Deciduous	24.7	24.7	24.7	19.5	19.5	19.5	14.4	14.4	14.4	0.0	0.0	0.0							
Riparian Mixed	71.7	71.7	71.7	55.2	55.2	55.2	49.6	49.6	49.6	0.0	0.0	0.0							
Riparian Shrub	0.0	0.0	0.0	0.0	0.0	0.0	80.0	80.0	80.0	0.0	0.0	0.0							
Shrubland	0.0	0.0	0.0	0.0	0.0	0.0	1.6	1.6	1.6	0.0	0.0	0.0							
Seedling-sapling	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0							
New Seedling Sapling	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0							
Upland Deciduous	1.4	1.4	1.4	0.2	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0							
Upland Mixed	2.7	2.7	2.7	2.8	2.8	2.8	0.0	0.0	0.0	0.0	0.0	0.0							
Upland Mixed-thinned	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0							
Young Riparian Mixed	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0							
Young Upland Deciduous	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0							
Young Upland Mixed	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0							
<b>Total</b>	<b>113.4</b>	<b>113.4</b>	<b>113.4</b>	<b>86.0</b>	<b>86.0</b>	<b>86.0</b>	<b>150.0</b>	<b>150.3</b>	<b>150.3</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>							
<b>Amphibian Standing--unmanaged wetlands</b>																	<b>3.7</b>	<b>3.7</b>	<b>3.7</b>
<b>Amphibian Buffer</b>																	<b>92.8</b>	<b>92.8</b>	<b>92.8</b>
<b>Wetland Mink Buffer</b>													<b>43.6</b>	<b>43.6</b>	<b>43.6</b>				

AAHUs in Merwin Segment

Habitat	Chickadee			Pileated Woodpecker			Yellow Warbler			Savannah Sparrow			Mink			Amphibian		
	Baseline	with harvest	w/o harvest	Baseline	with harvest	w/o harvest	Baseline	with harvest	w/o harvest	Baseline	with harvest	w/o harvest	Baseline	with harvest	w/o harvest	Baseline	with harvest	w/o harvest
Lodgepole	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0						
Mature Conifer	354.0	277.5	310.5	388.1	304.2	340.5	0.0	0.0	0.0	0.0	0.0	0.0						
Mid-successional conifer	634.8	855.0	1206.4	507.2	683.2	963.9	0.0	0.0	0.0	0.0	0.0	0.0						
Mid-successional conifer-thinned	181.9	189.2	80.8	119.1	124.0	52.9	0.0	0.0	0.0	0.0	0.0	0.0						
Old Growth Conifer	38.8	38.8	38.8	29.1	29.1	29.1	0.0	0.0	0.0	0.0	0.0	0.0						
Pole Conifer	207.8	221.2	144.2	83.1	88.5	57.7	0.0	0.0	0.0	0.0	0.0	0.0						
Emergent Wetland	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0						
Forested Wetland	2.6	2.6	2.6	0.5	0.5	0.5	2.0	2.1	2.1	0.0	0.0	0.0						
Scrub-shrub Wetland	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.3	0.0	0.0	0.0						
Ponds	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0						
Pole Conifer-thinned	36.9	27.8	4.4	36.9	27.8	4.4	0.0	0.0	0.0	0.0	0.0	0.0						
Riparian Deciduous	35.5	17.7	17.7	10.2	5.1	5.1	22.9	11.4	11.4	0.0	0.0	0.0						
Riparian Deciduous--managed	0.0	17.7	17.7	0.0	5.1	5.1	0.0	12.2	12.2	0.0	0.0	0.0						
Riparian Mixed	82.5	82.5	82.5	54.1	55.9	55.9	65.4	65.4	65.4	0.0	0.0	0.0						
Riparian Shrub	0.0	0.0	0.0	0.0	0.0	0.0	5.5	5.5	5.5	0.0	0.0	0.0						
Shrubland	0.0	0.0	0.0	0.0	0.0	0.0	6.8	6.8	6.8	0.0	0.0	0.0						
Seedling-sapling	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0						
New Seedling Sapling	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	79.8	53.8	13.7						
Agric./Pasture	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.8	0.8						
Meadow	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.4	6.4	6.4						
Orchard	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.8	0.8						
Oak Woodland	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1	2.1	2.1						
Right-of-Way	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	36.3	36.3	36.3						
Upland Deciduous	110.0	102.2	142.1	24.2	22.5	31.3	0.0	0.0	0.0	0.0	0.0	0.0						
Upland Mixed	421.4	361.4	471.8	442.5	379.5	495.4	0.0	0.0	0.0	0.0	0.0	0.0						
Upland Mixed-thinned	0.0	0.0	0.0	7.2	29.4	0.6	0.0	0.0	0.0	0.0	0.0	0.0						
Young Riparian Mixed	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0						
Young Upland Deciduous	4.2	4.2	4.2	0.0	0.0	0.0	0.9	0.9	0.9	0.0	0.0	0.0						
Young Upland Mixed	17.6	17.6	17.6	0.0	0.0	0.0	9.2	9.2	9.2	0.0	0.0	0.0						
Developed/Disturbed	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0						
<b>Total</b>	<b>2128.0</b>	<b>2215.6</b>	<b>2541.4</b>	<b>1702.3</b>	<b>1754.7</b>	<b>2042.4</b>	<b>113.1</b>	<b>113.9</b>	<b>113.9</b>	<b>126.2</b>	<b>100.2</b>	<b>60.1</b>						
Amphibian Standing Water																5.3	5.3	5.3
Amphibian Buffer																161.3	161.3	161.3
Wetland Mink Buffer <sup>1</sup>													141.2	141.1	141.2			
Lake Mink Buffer													373.6	373.6	373.6			
River Mink Buffer													51.1	51.1	51.1			

**AAHUs in Yale Segment**

Habitat	Chickadee			Pileated Woodpecker			Yellow Warbler			Savannah Sparrow			Mink			Amphibian		
	Baseline	with harvest	w/o harvest	Baseline	with harvest	w/o harvest	Baseline	with harvest	w/o harvest	Baseline	with harvest	w/o harvest	Baseline	with harvest	w/o harvest	Baseline	with harvest	w/o harvest
Lodgepole	65.8	65.8	65.8	16.3	16.3	16.3	0.0	0.0	0.0	0.0	0.0	0.0						
Mature Conifer	119.3	115.9	125.7	94.3	91.6	99.4	0.0	0.0	0.0	0.0	0.0	0.0						
Mid-successional conifer	874.4	734.3	896.9	629.1	528.4	645.3	0.0	0.0	0.0	0.0	0.0	0.0						
Mid-successional conifer-thinned	16.1	8.9	0.0	10.6	5.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0						
Old Growth Conifer	167.4	167.4	167.4	176.5	176.5	176.5	0.0	0.0	0.0	0.0	0.0	0.0						
Pole Conifer	268.8	292.3	267.3	139.8	152.0	139.0	0.0	0.0	0.0	0.0	0.0	0.0						
Emergent Wetland	0.0	0.0	0.0	0.0	0.0	0.0	3.1	3.1	3.1	0.0	0.0	0.0						
Forested Wetland	17.7	17.7	17.7	0.0	0.0	0.0	11.9	12.4	12.4	0.0	0.0	0.0						
Scrub-shrub Wetland	0.0	0.0	0.0	0.0	0.0	0.0	7.1	7.1	7.1	0.0	0.0	0.0						
Pole Conifer-thinned	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0						
Riparian Deciduous	44.7	44.7	44.7	21.5	21.5	21.5	47.0	47.0	47.0	0.0	0.0	0.0						
Riparian Mixed	92.0	92.2	92.2	75.7	75.8	75.8	51.1	51.2	51.2	0.0	0.0	0.0						
Riparian Shrub	0.0	0.0	0.0	0.0	0.0	0.0	2.8	2.8	2.8	0.0	0.0	0.0						
Shrubland	0.0	0.0	0.0	0.0	0.0	0.0	40.9	40.9	40.9	0.0	0.0	0.0						
Seedling-sapling	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0						
New Seedling Sapling	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	38.3	55.0	35.4						
Upland Deciduous	512.7	474.2	515.4	470.0	434.7	472.5	0.0	0.0	0.0	0.0	0.0	0.0						
Upland Mixed	239.1	228.5	241.0	210.9	201.6	215.1	0.0	0.0	0.0	0.0	0.0	0.0						
Upland Mixed-thinned	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0						
Young Riparian Mixed	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0						
Young Upland Deciduous	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0						
Young Upland Mixed	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0						
Developed/Disturbed	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0						
<b>Total</b>	<b>2417.9</b>	<b>2241.9</b>	<b>2434.2</b>	<b>1844.6</b>	<b>1704.2</b>	<b>1861.4</b>	<b>164.0</b>	<b>164.5</b>	<b>164.5</b>	<b>38.3</b>	<b>55.0</b>	<b>35.4</b>						
Amphibian Standing--managed wetlands																0.2	0.3	0.3
Amphibian Standing--unmanaged wetlands																26.7	26.7	26.7
Amphibian Buffer--all wetlands																425.9	425.9	425.9
Wetland Mink Buffer													53.6	53.5	53.5			

**AAHUs in Swift No. 1  
Segment**

Habitat	Chickadee			Pileated Woodpecker			Yellow Warbler			Savannah Sparrow			Mink			Amphibian		
	Baseline	with harvest	w/o harvest	Baseline	with harvest	w/o harvest	Baseline	with harvest	w/o harvest	Baseline	with harvest	w/o harvest	Baseline	with harvest	w/o harvest	Baseline	with harvest	w/o harvest
Lodgepole	2.6	2.6	2.8	0.6	0.6	0.6	0.0	0.0	0.0	0.0	0.0	0.0						
Mature Conifer	81.9	67.3	81.9	91.2	75.0	91.2	0.0	0.0	0.0	0.0	0.0	0.0						
Mid-successional conifer	874.8	856.9	890.0	483.7	473.8	492.1	0.0	0.0	0.0	0.0	0.0	0.0						
Mid-successional conifer-thinned	0.0	9.7	0.0	0.0	6.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0						
Old Growth Conifer	509.3	509.3	509.3	533.2	533.2	533.2	0.0	0.0	0.0	0.0	0.0	0.0						
Pole Conifer	664.6	677.3	659.7	278.2	283.5	276.2	0.0	0.0	0.0	0.0	0.0	0.0						
Emergent Wetland	0.0	0.0	0.0	0.0	0.0	0.0	7.5	7.5	7.5	0.0	0.0	0.0						
Forested Wetland	17.3	17.3	17.3	0.0	0.0	0.0	10.4	10.6	10.3	0.0	0.0	0.0						
Scrub-shrub Wetland	0.0	0.0	0.0	0.0	0.0	0.0	12.0	12.0	12.0	0.0	0.0	0.0						
Pole Conifer-thinned	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0						
Riparian Deciduous	16.3	16.3	16.3	27.5	27.5	27.5	55.8	55.8	55.8	0.0	0.0	0.0						
Riparian Mixed	45.5	45.5	45.5	37.9	37.9	37.9	35.3	35.3	35.3	0.0	0.0	0.0						
Riparian Shrub	0.0	0.0	0.0	0.0	0.0	0.0	2.7	2.7	2.7	0.0	0.0	0.0						
Shrubland	0.0	0.0	0.0	0.0	0.0	0.0	1.6	1.6	1.6	0.0	0.0	0.0						
Seedling-sapling	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0						
New Seedling Sapling	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	110.5	119.9	110.5						
Upland Deciduous	128.6	164.3	128.6	45.0	57.5	45.0	0.0	0.0	0.0	0.0	0.0	0.0						
Upland Mixed	351.2	243.8	351.2	94.0	65.3	94.0	0.0	0.0	0.0	0.0	0.0	0.0						
Upland Mixed-thinned	0.0	0.0	0.0	0.0	6.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0						
Young Riparian Mixed	3.3	3.7	3.7	0.9	1.0	1.0	1.5	1.7	1.7	0.0	0.0	0.0						
Young Upland Deciduous	0.8	0.8	0.8	0.0	0.0	0.0	0.7	0.7	0.7	0.0	0.0	0.0						
Young Upland Mixed	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0						
Developed/Disturbed	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0						
<b>Total</b>	<b>2696.1</b>	<b>2614.7</b>	<b>2707.1</b>	<b>1592.3</b>	<b>1568.4</b>	<b>1598.7</b>	<b>127.5</b>	<b>127.9</b>	<b>127.5</b>	<b>110.5</b>	<b>119.9</b>	<b>110.5</b>						
Amphibian Standing--managed wetlands																20.3	20.3	20.3
Amphibian Standing--unmanaged wetlands																151.4	151.4	151.4
Wetland Mink Buffer													47.8	45.0	45.0			

**AAHUs in Swift No. 2  
Segment**

Habitat	Chickadee			Pileated Woodpecker			Yellow Warbler			Savannah Sparrow			Mink			Amphibian		
	Baseline	with harvest	w/o harvest	Baseline	with harvest	w/o harvest	Baseline	with harvest	w/o harvest	Baseline	with harvest	w/o harvest	Baseline	with harvest	w/o harvest	Baseline	with harvest	w/o harvest
Lodgepole	10.9	10.9	10.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0						
Mature Conifer	4.4	3.2	4.4	4.9	3.5	4.9	0.0	0.0	0.0	0.0	0.0	0.0						
Mid-successional conifer	51.2	41.8	51.6	52.9	43.2	53.3	0.0	0.0	0.0	0.0	0.0	0.0						
Mid-successional conifer-thinned	0.0	5.8	0.0	0.0	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0						
Old Growth Conifer	3.1	3.1	3.1	3.2	3.2	3.2	0.0	0.0	0.0	0.0	0.0	0.0						
Pole Conifer	61.9	76.7	61.9	19.2	23.8	19.2	0.0	0.0	0.0	0.0	0.0	0.0						
Emergent Wetland	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.4	0.4	0.0	0.0	0.0						
Forested Wetland	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0						
Scrub-shrub Wetland	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0						
Pole Conifer-thinned	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0						
Riparian Deciduous	8.7	3.3	3.3	3.7	1.4	1.4	4.9	1.8	1.8	0.0	0.0	0.0						
Riparian Deciduous--managed	0.0	5.4	5.4	0.0	2.3	2.3	0.0	3.5	3.5	0.0	0.0	0.0						
Riparian Mixed	12.0	12.0	12.0	11.7	11.7	11.7	7.0	7.0	7.0	0.0	0.0	0.0						
Riparian Shrub	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.5	0.5	0.0	0.0	0.0						
Shrubland	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0						
Seedling-sapling	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0						
New Seedling Sapling	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	1.0						
Upland Deciduous	13.1	13.5	13.1	13.1	13.5	13.1	0.0	0.0	0.0	0.0	0.0	0.0						
Upland Mixed	60.5	21.1	60.5	48.3	16.8	48.3	0.0	0.0	0.0	0.0	0.0	0.0						
Upland Mixed-thinned	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0						
Young Riparian Mixed	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0						
Young Upland Deciduous	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0						
Young Upland Mixed	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0						
Developed/Disturbed	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0						
<b>Total</b>	<b>225.8</b>	<b>196.7</b>	<b>226.2</b>	<b>157.1</b>	<b>124.9</b>	<b>157.5</b>	<b>12.8</b>	<b>13.3</b>	<b>13.3</b>	<b>2.1</b>	<b>5.0</b>	<b>1.0</b>						
Amphibian Standing Water																0.8	0.8	0.8
Amphibian Buffer																19.9	19.9	19.9
Wetland Mink Buffer													32.7	44.3	45.0			
Wetland Mink Buffer																		

**AAHUs in Elk Evaluation Units of the Lewis River HEP Study Area**

<b>Elk Evaluation Unit</b>	<b>Acreage</b>	<b>Baseline</b>	<b>With Harvest</b>	<b>Without Harvest</b>
EAGLE	437.9	427.7	427.7	427.7
M-1	533.7	312.8	312.8	293.1
M-2	671.2	492.2	492.2	406.9
M-3	1,189.5	753.4	753.4	753.4
M-4	807.8	374.7	411.2	429.5
M-5	481.7	343.3	343.3	296.0
M-6	727.5	386.8	386.8	386.8
M-7	340.3	184.3	210.3	184.3
M-8	915.6	393.7	424.7	528.1
<b>Merwin Total</b>		<b>3241.2</b>	<b>3334.8</b>	<b>3278.1</b>
S-1	1,817.6	843.2	843.2	843.2
S-2	2,814.6	1210.3	1210.3	1194.2
S-3	1,662.4	925.1	925.1	925.1
S-4	681.4	654.2	654.2	654.2
<b>Swift 1 and 2 Total</b>		<b>3632.8</b>	<b>3632.8</b>	<b>3616.7</b>
Y-1	2,326.0	970.0	1079.0	1000.2
Y-2	587.5	252.6	311.4	252.6
Y-3	2,355.2	1012.7	1012.7	1000.5
Y-4	1,157.7	580.6	580.6	539.5
Y-5	528.4	270.0	270.0	225.5
Y-6	293.9	179.2	179.2	152.9
<b>Yale Total</b>		<b>3265.1</b>	<b>3432.9</b>	<b>3171.2</b>
<b>Total</b>		<b>10,566.9</b>	<b>10,828.2</b>	<b>10,493.6</b>