

Table 4 - ECA Summary for Projection Years 1999, 2009 and 2019

Watershed ID	Above H60				
	ECA % 1999	ECA % 2009	ECA % 2019	Bull Trout	Area of Concern
0	9.19	8.82	4.78		
1	0.28	5.73	6.56		
1	5.32	4.03	11.08	Y	
9	20.39	15.18	17.50		
15	1.52	0.00	0.00		
27	0.00	0.60	0.20		
31	0.00	0.77	0.62		
33	1.48	9.51	1.35		
45	6.47	17.37	22.59		
49	0.00	0.00	0.00		
64	2.67	19.07	6.44		
68	0.18	0.08	0.31		
73	7.72	7.50	4.36		
101	9.44	17.26	5.74		
106	0.15	0.94	0.65		
125	0.37	8.14	5.85		
127	0.00	0.00	0.58		
128	12.67	8.23	7.04		
145	0.08	18.80	6.20		
147	3.78	11.26	5.08		
155	11.76	14.99	10.39		
157	5.97	17.07	13.23		
181	0.05	20.74	4.80		
231	0.00	18.82	5.57		
268	0.23	0.12	0.03		
299	11.55	11.71	3.49		
320	0.25	19.28	8.63		
332	0.16	14.73	7.59		
336	19.54	19.54	15.30		
351	3.35	2.71	2.66		
377	0.11	0.03	0.02		
397	0.11	11.81	9.23	Y	
406	0.11	0.80	9.16	Y	
409	1.69	18.79	5.69		
411	5.10	0.01	0.01		
438	0.00	7.17	6.86	Y	
440	0.10	5.29	2.56		
445	1.27	0.50	0.85		
447	4.26	10.28	5.41		
457	12.77	9.59	13.99		
461	0.00	8.91	7.45	Y	

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462	0.00	17.52	34.30	Y	
468	1.69	0.60	0.52		
472	0.00	4.42	3.42	Y	
475	1.15	25.56	9.17		
478	0.53	0.45	0.64		
480	6.90	8.92	4.78	Y	
498	5.14	6.97	12.19	Y	
515	0.06	0.06	18.15	Y	
527	11.35	2.57	0.13	Y	
533	0.14	12.14	33.24	Y	
534	10.86	11.01	8.96	Y	
536	3.74	3.84	8.32		
539	0.50	2.93	22.59	Y	
565	10.72	13.70	9.87		
583	0.00	0.00	29.60	Y	
586	2.21	0.31	12.01	Y	
595	0.92	2.73	20.41	Y	
643	6.14	14.37	11.17		
645	20.07	18.08	24.44		
646	1.25	17.53	10.45		
656	25.92	16.39	18.81		
670	1.49	13.28	13.21	Y	
696	0.47	0.00	6.36	Y	
697	1.08	0.16	2.54		
727	16.92	18.85	15.51		
729	27.54	19.76	12.62		
769	0.34	0.64	0.62		
771	0.44	3.43	2.76		
807	1.11	6.36	5.27	Y	
817	11.90	5.91	7.44		
827	4.46	7.54	5.76		
855	4.39	13.33	8.37	Y	
913	4.99	15.68	6.63	Y	
915	8.33	10.76	6.94	Y	
965	16.32	3.99	4.89	Y	
1035	11.10	11.10	13.36	Y	
1101	6.18	0.65	0.07	Y	
1120	4.31	1.51	5.45	Y	
1137	6.31	2.46	4.24	Y	
1261	13.42	4.92	0.50	Y	
1289	26.34	9.17	6.82	Y	
1310	25.36	9.58	0.00	Y	
1320	10.98	2.51	2.65	Y	
1378	7.37	4.88	23.02	Y	
1426	2.01	10.03	20.92	Y	
1466	1.14	0.66	31.31	Y	
1496	0.00	0.00	30.23	Y	

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1500	0.00	0.00	41.44	Y	***
1563	16.14	15.22	14.99	Y	
1589	0.01	28.69	19.17	Y	
1692	0.00	27.24	20.03	Y	
1704	0.31	0.31	27.87	Y	
1775	6.47	33.73	18.29	Y	
1846	15.61	25.60	11.24	Y	
1863	0.00	24.20	10.98	Y	
1938	17.98	14.38	3.02	Y	
1943	2.93	14.36	5.47	Y	
2057	48.21	29.61	5.85	Y	***
2237	0.07	0.23	0.20		
2256	0.00	0.92	0.68		
2260	0.69	0.09	0.09		
2270	1.50	0.99	0.88		
2296	1.78	12.97	3.70		
2299	0.04	25.08	1.64		
2316	2.43	6.34	3.42		
2357	0.10	0.00	0.00		
2371	0.00	0.37	0.34		
2380	19.94	12.90	6.62	Y	
2380	7.11	5.10	12.37		
2382	3.13	5.71	6.97		
2382	6.25	3.83	9.44	Y	
2402	0.05	0.72	0.56		
2439	0.51	0.51	0.51		
2514	0.00	10.67	16.04		
2525	0.80	1.05	1.78		
2555	0.40	5.30	3.13		
2561	4.37	2.97	2.27		
2596	0.01	0.00	16.87		
2652	1.42	3.01	1.70		
2670	0.00	0.00	12.64		
2684	0.54	0.46	13.48		
2693	10.33	5.57	6.51		
2720	0.00	0.15	19.45		
2723	5.75	3.94	1.34		
2769	8.50	4.35	6.54		
2772	0.00	12.77	2.94		
2781	1.32	3.48	11.58		
2793	8.12	11.14	10.00		
2796	14.43	18.07	7.67		
2799	3.89	3.00	1.24		
2810	21.82	15.31	12.81		
2825	2.17	1.18	1.05		
2858	2.93	4.54	13.47		
2942	0.57	6.70	8.99		

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2946	8.02	5.58	3.08		
3031	4.57	7.16	3.75		
3118	2.68	0.36	15.40		
3135	7.33	3.33	9.86		
3259	4.94	6.79	18.92		
3287	0.79	0.35	1.71		
3295	8.71	8.71	7.68		
3369	14.52	9.70	12.82		
3388	2.03	16.81	2.18		
3473	14.09	15.18	11.43		
3508	9.39	6.67	4.75		
3513	24.02	10.68	17.85		
3523	30.40	15.48	1.38		
3535	6.10	1.90	7.90		
3542	1.81	14.23	5.10		
3551	13.80	5.43	3.90		
3650	14.12	6.00	6.50		
3701	15.47	11.38	12.53		
3734	18.84	12.22	8.83		
3746	10.46	1.82	4.75		
3858	2.50	15.81	11.11		
3890	10.06	0.73	3.80		
3937	8.49	12.76	6.37	Y	
3957	19.44	13.86	6.96	Y	
3972	13.92	10.45	8.03		
4042	15.45	2.23	9.82	Y	
4098	2.89	0.12	3.15	Y	
4108	10.40	22.08	10.25	Y	
4111	7.37	9.34	13.84	Y	
4117	12.65	8.57	24.47	Y	
4120	19.20	10.96	4.21	Y	
4174	13.28	5.74	11.30	Y	
4186	12.52	3.99	11.27	Y	
4203	19.06	12.94	10.98	Y	
4237	18.51	9.45	4.81	Y	
4257	35.85	8.69	6.29	Y	***
4265	16.81	8.66	1.73	Y	
4311	11.89	4.82	4.43	Y	
4316	4.60	2.10	6.10	Y	
4318	5.77	1.99	2.13	Y	
4319	1.51	0.13	0.00	Y	
4374	7.35	6.20	3.43	Y	
4378	11.06	8.38	3.99	Y	
4382	0.83	1.98	1.27	Y	
4414	6.41	8.08	4.11	Y	
4484	5.94	1.97	8.09	Y	
4492	4.31	3.88	1.61	Y	

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4502	21.61	5.35	1.82	Y	
4509	6.46	17.47	9.44	Y	
4539	3.75	0.93	1.42	Y	
4557	1.53	12.69	6.65	Y	
4687	0.00	0.46	7.83	Y	
4702	16.24	5.51	2.00	Y	
4743	23.77	13.57	3.38	Y	
4773	15.02	7.28	1.24	Y	
4776	0.99	14.95	8.77	Y	
4826	32.99	22.51	10.38	Y	
4846	31.76	20.07	10.90	Y	
4864	3.69	0.00	0.00	Y	
4868	3.49	19.63	11.31	Y	
4877	17.44	27.67	11.99	Y	
4908	16.83	20.15	8.87	Y	
4909	0.99	13.69	7.50	Y	
4955	1.68	20.69	9.70	Y	
4995	0.13	4.77	9.01	Y	
5006	0.50	12.77	13.67	Y	
5060	0.85	0.78	0.41	Y	
5087	0.52	19.96	7.05	Y	
5099	0.57	4.25	15.85	Y	
5123	29.59	20.85	22.35	Y	
5125	31.29	14.09	15.11	Y	
5197	18.41	8.16	5.31	Y	
5227	3.49	1.69	0.21	Y	
5274	5.56	4.19	1.49	Y	
5340	34.28	17.89	6.85	Y	
5382	19.49	14.12	4.00	Y	
5392	13.43	14.22	5.39	Y	
5397	1.31	18.52	10.01	Y	
5578	24.73	11.84	3.66	Y	
5599	28.79	8.84	12.10	Y	
5642	37.01	26.70	7.88	Y	***
5654	0.37	19.55	12.50	Y	
5676	1.75	11.74	8.65	Y	
5703	2.07	6.08	2.53	Y	
5729	33.32	27.61	12.85	Y	
5783	14.85	6.59	10.97	Y	
5803	6.76	28.70	7.54	Y	
5844	12.20	9.51	3.78	Y	
5907	13.88	18.41	8.39	Y	
6006	8.94	14.04	5.54	Y	
6181	0.38	14.77	20.64	Y	
6182	21.29	6.04	0.24	Y	
6306	0.00	32.88	22.35	Y	
6397	22.92	23.73	12.00	Y	

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6408	0.26	9.02	4.90	Y
6432	5.80	11.81	6.78	Y
6482	8.09	13.06	7.51	Y
6483	10.42	6.99	9.78	Y
6524	31.09	17.72	1.96	Y
6558	13.97	10.49	2.94	Y
6632	25.13	20.60	6.32	Y
6637	1.54	8.45	6.71	Y
6674	12.81	9.96	16.12	Y
6703	23.51	11.27	16.44	Y
6751	24.34	9.99	1.98	Y
6803	20.68	6.35	1.34	Y
6806	0.00	1.10	0.45	Y
6819	0.33	1.05	0.47	Y
6833	0.00	0.01	0.01	Y
6865	0.00	15.69	9.87	Y
6979	0.00	0.00	10.54	Y
7092	15.98	9.52	1.62	Y
7157	11.18	6.94	2.49	Y
7179	0.00	9.45	4.42	Y
7214	0.00	0.00	0.00	Y
7216	0.07	0.00	7.09	Y
7218	0.00	0.00	13.76	Y
7232	0.00	1.72	19.19	Y
7259	4.15	17.81	15.11	Y
7262	22.02	21.48	12.70	Y
7420	10.51	6.41	7.79	Y
7443	0.00	26.04	16.10	Y
7509	0.00	0.51	0.38	Y
7532	0.00	7.61	5.15	Y
7555	0.00	24.40	14.19	Y
7576	0.00	0.00	2.17	Y
7592	0.00	2.84	9.27	Y
7615	0.00	0.00	17.30	Y
7658	18.57	15.10	9.20	Y
7659	0.01	2.49	1.62	Y
7816	0.14	0.13	0.13	Y
7855	0.00	4.77	3.52	Y
7964	0.00	15.02	12.02	Y
8027	0.00	0.00	0.12	Y
8324	0.71	0.25	1.85	Y
8351	0.00	0.00	1.85	Y
8820	10.46	8.11	8.71	
8895	8.85	4.20	9.28	
8926	6.48	12.22	4.53	
9183	3.65	6.35	1.43	
9226	14.92	11.05	4.27	

9228	7.58	11.70	2.74		
9296	4.82	14.15	2.74		
9467	7.16	3.20	4.29		
9494	8.09	8.69	7.08		
9560	4.08	19.17	9.65		
9604	17.73	19.67	21.97		
9676	21.07	16.96	6.73		
9685	1.46	7.09	4.96		
9693	5.00	19.56	10.08		
9704	14.20	6.36	17.91		
9726	32.53	18.17	25.47		
9908	28.17	13.15	26.45		
9964	6.40	24.90	10.94		
10003	0.46	32.28	15.33		
10052	23.16	9.45	22.34		
10264	10.09	8.35	8.13		
10277	12.39	7.45	9.57		
10293	0.19	0.13	2.72		
10363	2.51	1.21	0.68		
10388	10.10	4.18	7.69		
10413	1.05	0.62	0.53		
10440	12.49	6.29	10.14		
10725	0.00	2.12	1.42		
10773	0.00	7.93	3.26	Y	
Total:	7.26	8.68	7.92		

Information:

- Areas for Non-Forest Vegetated, Non-Forest and Road stay the same in 1999, 2009 and 2019.
- Stands with a negative BHAGE have their height calculated as (Breast Height / (Total Age - BHAGE)) * Total Age.
- Breast height is 1.3 metres or 1.391 metres.
- Hydrological recovery (% Recovery) is dependant upon stand height. It is calculated as stand height * 20.
- Stands >= 5m in height are 100% recovered.
- ECA Area is calculated as (100% - % Recovery) * Harvested area.
- Total ECA is calculated as Harvested ECA + Road area.
- ECA Percentage is calculated as the Total ECA Area divided the sum of Forested, Non_Forest Vegetated and Road area by watershed.
- Watershed # 1, # 2380, # 2382 were divided into a Bull Trout and a Non- Bull Trout portion. A separate ECA % was calculated for each portion of these watersheds.