

## **Appendix D – Conversion Tables**

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**Table D-1. Total Area by Zone and Alternative for All Seven Northeastern Tributary Reservoirs**

Zones	Alternative A		Alternative B		Alternative C	
	Acres	%	Acres	%	Acres	%
2 - Project Operations	2,076.9	42.1%	1,550.1	31.4%	1,550.4	31.4%
3 - Sensitive Resource Management	335.1	6.8%	284.3	5.8%	277.7	5.6%
4 - Natural Resource Conservation	1,408.3	28.5%	2,070.9	42.0%	2,043.5	41.4%
5 - Industrial	125.4	2.5%	125.4	2.5%	125.4	2.5%
6 - Developed Recreation	939.4	19.0%	854.2	17.3%	888.1	18.0%
7 - Shoreline Access	48.1	1.0%	48.0	1.0%	48.0	1.0%
<b>Total</b>	<b>4,933.1</b>	<b>100.0%</b>	<b>4,932.8</b>	<b>100.0%</b>	<b>4,933.1</b>	<b>100.0%</b>

**Table D-2. Total Area by Zone and Alternative for Beaver Creek Reservoir**

Zones	Alternative A		Alternative B		Alternative C	
	Acres	%	Acres	%	Acres	%
2 - Project Operations	40.5	14.0%	40.5	14.0%	40.5	14.0%
3 - Sensitive Resource Management	0.0	0.0%	0.0	0.0%	0.0	0.0%
4 - Natural Resource Conservation	0.0	0.0%	0.0	0.0%	0.0	0.0%
5 - Industrial	0.0	0.0%	0.0	0.0%	0.0	0.0%
6 - Developed Recreation	249.7	86.0%	249.7	86.0%	249.7	86.0%
7 - Shoreline Access	0.0	0.0%	0.0	0.0%	0.0	0.0%
<b>Total</b>	<b>290.2</b>	<b>100.0%</b>	<b>290.2</b>	<b>100.0%</b>	<b>290.2</b>	<b>100.0%</b>

**Table D-3. Total Area by Zone and Alternative for Clear Creek Reservoir**

Zones	Alternative A		Alternative B		Alternative C	
	Acres	%	Acres	%	Acres	%
2 - Project Operations	13.8	100.0%	13.8	100.0%	13.8	100.0%
3 - Sensitive Resource Management	0.0	0.0%	0.0	0.0%	0.0	0.0%
4 - Natural Resource Conservation	0.0	0.0%	0.0	0.0%	0.0	0.0%
5 - Industrial	0.0	0.0%	0.0	0.0%	0.0	0.0%
6 - Developed Recreation	0.0	0.0%	0.0	0.0%	0.0	0.0%
7 - Shoreline Access	0.0	0.0%	0.0	0.0%	0.0	0.0%
<b>Total</b>	<b>13.8</b>	<b>100.0%</b>	<b>13.8</b>	<b>100.0%</b>	<b>13.8</b>	<b>100.0%</b>

**Table D-4. Total Area by Zone and Alternative for Boone Reservoir**

Zones	Alternative A		Alternative B		Alternative C	
	Acres	%	Acres	%	Acres	%
2 - Project Operations	245.6	27.9%	210.2	23.9%	210.2	23.9%
3 - Sensitive Resource Management	335.1	38.1%	149.1	16.9%	149.1	16.9%
4 - Natural Resource Conservation	224.0	25.4%	445.5	50.6%	445.5	50.6%
5 - Industrial	0.0	0.0%	0.0	0.0%	0.0	0.0%
6 - Developed Recreation	75.1	8.5%	75.1	8.5%	75.1	8.5%
7 - Shoreline Access	0.6	0.1%	0.6	0.1%	0.6	0.1%
<b>Total</b>	<b>880.3</b>	<b>100.0%</b>	<b>880.3</b>	<b>100.0%</b>	<b>880.3</b>	<b>100.0%</b>

**Table D-5. Total Area by Zone and Alternative for Fort Patrick Henry Reservoir**

Zones	Alternative A		Alternative B		Alternative C	
	Acres	%	Acres	%	Acres	%
2 - Project Operations	166.1	58.6%	75.3	26.6%	75.6	26.7%
3 - Sensitive Resource Management	0.0	0.0%	18.6	6.6%	21.3	7.5%
4 - Natural Resource Conservation	3.1	1.1%	118.5	41.9%	115.8	40.9%
5 - Industrial	0.0	0.0%	0.0	0.0%	0.0	0.0%
6 - Developed Recreation	84.8	29.9%	41.4	14.6%	41.4	14.6%
7 - Shoreline Access	29.3	10.3%	29.3	10.3%	29.3	10.3%
<b>Total</b>	<b>283.3</b>	<b>100.0%</b>	<b>283.1</b>	<b>100.0%</b>	<b>283.4</b>	<b>100.0%</b>

**Table D-6. Total Area by Zone and Alternative for South Holston Reservoir**

Zones	Alternative A		Alternative B		Alternative C	
	Acres	%	Acres	%	Acres	%
2 - Project Operations	901.5	39.7%	643.8	28.3%	643.8	28.3%
3 - Sensitive Resource Management	0.0	0.0%	97.9	4.3%	5.4	0.2%
4 - Natural Resource Conservation	798.0	35.1%	954.6	42.0%	1,045.4	46.0%
5 - Industrial	125.4	5.5%	125.4	5.5%	125.4	5.5%
6 - Developed Recreation	431.3	19.0%	434.4	19.1%	436.1	19.2%
7 - Shoreline Access	14.8	0.7%	14.8	0.7%	14.8	0.7%
<b>Total</b>	<b>2,271.0</b>	<b>100.0%</b>	<b>2,270.9</b>	<b>100.0%</b>	<b>2,270.9</b>	<b>100.0%</b>

**Table D-7. Total Area by Zone and Alternative for Watauga Reservoir**

Zones	Alternative A		Alternative B		Alternative C	
	Acres	%	Acres	%	Acres	%
2 - Project Operations	661.0	58.2%	518.1	45.6%	518.1	45.6%
3 - Sensitive Resource Management	0.0	0.0%	18.7	1.6%	102.0	9.0%
4 - Natural Resource Conservation	379.5	33.4%	542.8	47.8%	427.3	37.6%
5 - Industrial	0.0	0.0%	0.0	0.0%	0.0	0.0%
6 - Developed Recreation	92.7	8.2%	53.6	4.7%	85.8	7.5%
7 - Shoreline Access	3.4	0.3%	3.4	0.3%	3.4	0.3%
<b>Total</b>	<b>1,136.6</b>	<b>100.0%</b>	<b>1,136.6</b>	<b>100.0%</b>	<b>1,136.5</b>	<b>100.0%</b>

**Table D-8. Total Area by Zone and Alternative for Wilbur Reservoir**

Zones	Alternative A		Alternative B		Alternative C	
	Acres	%	Acres	%	Acres	%
2 - Project Operations	48.4	83.6%	48.4	83.6%	48.4	83.6%
3 - Sensitive Resource Management	0.0	0.0%	0.0	0.0%	0.0	0.0%
4 - Natural Resource Conservation	3.7	6.4%	9.5	16.4%	9.5	16.4%
5 - Industrial	0.0	0.0%	0.0	0.0%	0.0	0.0%
6 - Developed Recreation	5.8	10.0%	0.0	0.0%	0.0	0.0%
7 - Shoreline Access	0.0	0.0%	0.0	0.0%	0.0	0.0%
<b>Total</b>	<b>57.9</b>	<b>100.0%</b>	<b>57.9</b>	<b>100.0%</b>	<b>57.9</b>	<b>100.0%</b>

**Table D-9. Allocation of Beaver Creek and Clear Creek Reservoirs Parcels Under Alternatives A, B, and C**

Parcel Number	Acres	Previous Designation	Alternative			Committed or Uncommitted	Shoreline Access Rights
			A*	B	C		
<b>Beaver Creek</b>							
1	38.30	Unplanned	6	6	6	C	N
2	40.50	Unplanned	2	2	2	C	N
3	211.40	Unplanned	6	6	6	C	N
<b>Clear Creek</b>							
1	13.80	Unplanned	2	2	2	C	N

\*Equivalent land use zone

**Table D-10. Allocation of Boone Reservoir Parcels Under Alternatives A, B, and C**

Parcel Number	Acres	Previous Designation	Alternative			Committed or Uncommitted	Shoreline Access Rights
			A	B	C		
1	191.05	TVA Project Operation	2	2	2	C	N
2	10.37	TVA Project Operation	2	2	2	C	N
3	51.47	Recreation	6	6	6	C	N
4	2.65	TVA Project Operation	2	2	2	C	N
5	118.07	Natural Resource Conservation	4	4	4	C	N
6	2.98	Sensitive Resource Management	3	3	3	C	N
7	0.12	Residential Access	7	7	7	C	Y
8	1.07	Recreation	6	6	6	C	N
9	5.28	Natural Resource Conservation	4	4	4	U	N
10	13.78	Natural Resource Conservation	4	4	4	U	N
11	0.17	Recreation	6	6	6	C	N
12	3.05	Natural Resource Conservation	4	4	4	U	N
13	0.23	TVA Project Operation	2	2	2	C	N
14	0.93	Recreation	6	6	6	C	N
15	4.50	Natural Resource Conservation	4	4	4	U	N
16	0.03	New	--	2	2	C	N
17	0.11	Residential Access	7	7	7	C	Y
18	0.64	Sensitive Resource Management	3	3	3	C	N
19	0.02	New	--	2	2	C	N
20	0.81	Natural Resource Conservation	4	4	4	U	N
21	3.57	Recreation	6	6	6	C	N
22	0.09	Natural Resource Conservation	4	4	4	U	N
23	0.37	Recreation	6	6	6	C	N
24	0.70	Recreation	6	6	6	C	N
25	5.39	Sensitive Resource Management	3	3	3	C	N
26	151.36	Sensitive Resource Management	3	4	4	C	N
27	70.14	Sensitive Resource Management	3	4	4	C	N
28	35.47	TVA Project Operation	2	3	3	C	N
29	76.74	Natural Resource Conservation	4	4	4	C	N
30	1.77	Sensitive Resource Management	3	3	3	C	N
31	5.81	TVA Project Operation	2	2	2	C	N
32	0.26	Sensitive Resource Management	3	3	3	C	N
33	1.50	Natural Resource Conservation	4	4	4	U	N
34	6.40	Sensitive Resource Management	3	3	3	C	N
35	4.29	Sensitive Resource Management	3	3	3	C	N
36	0.40	Recreation	6	6	6	C	N
37	0.62	Recreation	6	6	6	C	N
38	0.33	Residential Access	7	7	7	C	Y
39	0.13	Natural Resource Conservation	4	4	4	U	N
40	25.28	Sensitive Resource Management	3	3	3	C	N
41	13.80	Recreation	6	6	6	C	N
42	2.00	Recreation	6	6	6	C	N
43	7.17	Sensitive Resource Management	3	3	3	C	N
44	59.40	Sensitive Resource Management	3	3	3	C	N

**Table D-11. Allocation of Fort Patrick Henry Reservoir Parcels Under Alternatives A, B, and C**

Parcel Number	Acres	Previous Designation	Alternative			Committed or Uncommitted	Shoreline Access Rights
			A*	B	C		
1	17.58	Dam Reservation	2	3	3	C	N
2	0.83	unplanned	7	7	7	C	Y
3	2.36	Dam Reservation	2	2	2	C	N
4	69.01	Dam Reservation	2	2	2	C	N
5	0.44	unplanned	7	7	7	C	Y
6	0.88	unplanned	6	6	6	C	N
7	10.40	unplanned	6	6	6	C	N
7a	2.39	unplanned	2	2	2	C	N
8	0.04	unplanned	2	2	2	C	N
9	0.30	unplanned	4	4	4	U	N
10	66.78	Reservoir Operations	2	4	4	U	N
10a	2.67	Reservoir Operations	2	4	3	U	N
11	3.25	unplanned	7	7	7	C	Y
12	2.98	unplanned	7	7	7	C	N
13	1.28	Reservoir Operations	6	4	4	U	N
14	0.91	unplanned	6	6	6	C	N
15	5.35	unplanned	7	7	7	C	Y
16	1.59	unplanned	7	7	7	C	Y
17	3.50	Reservoir Operations	2	4	4	U	N
18	1.75	unplanned	6	6	6	C	N
19	2.27	unplanned	7	7	7	C	Y
20	8.39	Reservoir Operations	7	7	7	C	Y
21	42.17	Industry and Public Recreation	6	4	4	U	N
22	1.40	unplanned	2	2	2	C	N
23	1.80	unplanned	4	4	4	U	N
24	1.42	unplanned	7	7	7	C	Y
25	0.72	unplanned	7	7	7	C	Y
26	2.01	unplanned	7	7	7	C	Y
27	1.03	unplanned	4	3	3	C	N
28	1.90	unplanned	6	6	6	C	N
28a	0.28	unplanned	2	2	2	C	N
29	17.58	unplanned	6	6	6	C	N
30	0.73	unplanned	6	6	6	C	N
31	5.39	unplanned	6	6	6	C	N
32	0.46	unplanned	6	6	6	C	N
33	0.10	unplanned	2	2	2	C	N
34	1.35	unplanned	6	6	6	C	N

**Table D-12. Allocation of South Holston Reservoir Parcels Under Alternatives A, B, and C**

Parcel Number	Acres	Previous Designation	Alternative			Committed or Uncommitted	Shoreline Access Rights
			A*	B	C		
1	97.89	Dam Reservation	2	3	4	C	N
2	139.48	Dam Reservation	2	4	4	C	N
3	373.18	Dam Reservation	2	2	2	C	N
4	16.18	Industrial	6	6	6	C	N
5	24.40	Industrial	2	2	2	C	N
6	125.42	Industrial	5	5	5	C	N
7	1.63	unplanned	7	7	7	C	Y
8	0.81	unplanned	6	6	6	C	Y
9	0.84	Dam Reservation	2	4	4	C	N
10	56.15	unplanned	4	4	4	C	N
11	7.85	unplanned	6	6	6	C	N
12	4.10	Dam Reservation	2	4	4	C	N
13	1.29	unplanned	2	2	2	C	N
14	229.55	Public Recreation	6	6	6	C	N
15	8.23	unplanned	4	4	4	C	N
16	55.52	Dam Reservation	2	2	2	C	N
17	0.10	unplanned	6	6	6	C	N
18	0.14	unplanned	7	7	7	C	Y
19	23.50	Public Recreation	4	6	6	U	N
20	0.29	Public Recreation	2	2	2	C	N
21	15.71	Public Recreation	6	4	4	C	N
22	1.40	Public Recreation	6	6	6	C	N
23	1.39	Public Recreation	6	4	6	U	N
24	56.25	Public Recreation	6	6	6	C	N
25	6.96	Reservoir Operations	2	4	4	U	N
25a	5.34	Reservoir Operations	2	4	3	U	N
26	0.39	Reservoir Operations	2	2	2	C	N
27	0.06	unplanned	7	7	7	C	Y
28	0.25	unplanned	4	4	4	U	N
29	1.24	unplanned	7	7	7	C	Y
30	3.32	Public Recreation	6	6	6	C	N
31	1.17	unplanned	7	7	7	C	Y
32	7.39	Public Recreation	6	6	4	U	N
33	10.92	Public Recreation	6	6	6	C	N
34	2.20	Public Recreation	6	6	6	U	N
35	1.73	Public Recreation	6	4	6	U	N
36	5.96	Public Recreation	6	4	6	U	N
37	4.34	Public Recreation	6	4	4	U	N
38	14.03	unplanned	6	6	6	C	N
39	45.10	unplanned	4	4	4	C	N
40	7.92	unplanned	4	4	4	C	N
41	63.87	unplanned	4	4	4	C	N
42	90.32	unplanned	4	4	4	C	N
43	3.03	unplanned	2	4	4	C	N
44	40.20	unplanned	4	4	4	C	N

Parcel Number	Acres	Previous Designation	Alternative			Committed or Uncommitted	Shoreline Access Rights
			A*	B	C		
45	24.31	unplanned	4	4	4	C	N
46	13.09	unplanned	4	6	6	C	N
47	11.98	unplanned	4	4	4	C	N
48	0.53	unplanned	4	4	4	C	N
49	20.07	unplanned	4	4	4	C	N
50	8.61	Reservoir Operations	7	7	7	C	Y
51	4.31	Public Recreation	6	4	4	C	N
52	1.96	unplanned	7	7	7	C	Y
53	5.22	unplanned	6	6	6	C	N
54	62.44	unplanned	4	4	4	C	N
55	5.88	unplanned	4	4	4	C	N
56	1.25	unplanned	4	4	4	C	N
57	79.36	unplanned	4	4	4	C	N
58	1.88	unplanned	4	4	4	C	N
59	10.67	unplanned	4	4	4	C	N
60	2.49	unplanned	4	4	4	C	N
61	23.48	unplanned	4	4	4	C	N
62	42.63	unplanned	6	6	6	C	N
63	4.68	unplanned	4	4	4	C	N
64	90.77	unplanned	4	4	4	C	N
65	3.48	unplanned	4	4	4	C	N
66	1.68	unplanned	4	4	4	C	N
67	2.32	unplanned	4	4	4	C	N
68	77.41	unplanned	4	4	4	C	N
69	3.35	unplanned	4	4	4	C	N
70	1.63	unplanned	4	4	4	C	N
71	4.85	unplanned	4	4	4	C	N
72	106.10	Dam Reservation	2	2	2	C	N
73	82.67	Reservoir Operations	2	2	2	C	N
74	6.50	unplanned	4	4	4	C	N
75	1.83	unplanned	4	4	4	C	N
76	0.85	unplanned	4	4	4	C	N
77	0.84	unplanned	4	4	4	C	N
78	4.24	unplanned	4	4	4	C	N
79	0.56	unplanned	4	4	4	C	N

\*Equivalent land use zone

**Table D-13. Allocation of Watauga Reservoir Parcels Under Alternatives A, B, and C**

Parcel Number	Acres	Previous Designation	Alternative			Committed or Uncommitted	Shoreline Access Rights
			A*	B	C		
1	508.74	Dam Reservation	2	2	2	C	N
2	5.84	unplanned	4	4	3	C	N
3	2.28	unplanned	4	4	3	C	N
4	31.52	unplanned	4	4	3	C	N
5	14.11	unplanned	4	4	3	C	N
6	24.74	unplanned	4	4	3	C	N
7	2.29	unplanned	7	7	7	C	Y
8	21.26	Reservoir Operations	2	4	4	C	N
9	1.94	unplanned	6	6	6	C	N
10	0.23	unplanned	6	6	6	C	N
11	10.25	Public Recreation	6	4	4	U	N
12	0.93	unplanned	7	7	7	C	Y
13	33.42	unplanned	4	4	4	C	N
14	0.12	unplanned	2	2	2	C	N
15	2.83	Public Recreation	6	6	6	C	N
16	8.06	Public Recreation	6	4	4	U	N
17	80.10	unplanned	4	4	4	C	N
17a	3.00	unplanned	4	4	6	C	N
18	0.93	unplanned	6	6	6	C	N
19	6.05	unplanned	4	4	4	C	N
20	1.79	unplanned	4	4	4	U	N
21	18.69	unplanned	4	3	3	C	N
22	17.31	Public Recreation	6	4	4	U	N
23	118.29	Reservoir Operations	2	4	4	C	N
24	9.13	unplanned	2	2	2	C	N
25	3.33	unplanned	2	4	3	C	N
26	0.68	unplanned	4	4	3	U	N
27	1.02	unplanned	4	4	4	C	N
28	3.38	unplanned	6	6	6	C	N
29	4.81	unplanned	4	4	4	C	N
30	12.97	unplanned	4	4	4	C	N
31	0.22	unplanned	4	4	3	U	N
32	0.53	unplanned	4	4	3	U	N
33	12.45	unplanned	4	4	4	C	N
34	4.41	unplanned	4	4	4	C	N
35	0.48	unplanned	4	4	4	C	N
36	6.80	unplanned	4	4	4	C	N
37	0.12	unplanned	7	7	7	C	Y
38	2.07	unplanned	4	4	4	C	N
39	0.11	unplanned	7	7	7	C	Y
40	0.67	unplanned	4	4	4	C	N
41	3.48	Commercial Recreation	6	4	4	U	N
42	4.57	unplanned	4	4	4	C	N
43	3.55	unplanned	4	4	4	C	N

Parcel Number	Acres	Previous Designation	Alternative			Committed or Uncommitted	Shoreline Access Rights
			A*	B	C		
44	0.22	unplanned	4	4	4	C	N
45	0.10	unplanned	2	2	2	C	N
46	26.20	unplanned	4	4	4	C	N
47	0.57	unplanned	4	4	4	C	N
48	2.13	unplanned	6	6	6	C	N
49	18.70	unplanned	4	4	4	C	N
50	9.13	unplanned	4	4	6	C	N
51	10.69	unplanned	6	6	6	C	N
52	7.66	unplanned	4	4	4	C	N
53	11.90	unplanned	6	6	6	C	N
54	14.60	unplanned	4	4	4	C	N
55	8.21	unplanned	6	6	6	C	N
56	5.58	unplanned	4	4	4	C	N
57	6.50	unplanned	6	6	6	C	N
58	4.81	unplanned	6	6	6	C	N
59	20.07	unplanned	4	4	6	C	N

\*Equivalent land use zone

**Table D-14. Allocation of Wilbur Reservoir Parcels under Alternatives A, B, and C**

Parcel Number	Acres	Previous Designation	Alternative			Committed or Uncommitted	Shoreline Access Rights
			A*	B	C		
1	5.87	Public Recreation	6	4	4	U	N
2	17.70	Dam Reservation	2	2	2	C	N
3	1.14	unplanned	4	4	4	C	N
4	1.68	unplanned	4	4	4	C	N
5	0.84	unplanned	4	4	4	C	N
6	30.71	Dam Reservation	2	2	2	C	N

\*Equivalent land use zone

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