

2020 Upper Turtle Lake Proposed Large-Scale CLP Chemical Treatment (01-16-2020)					
Treatment Characteristics				Curly-leaf Pondweed Control	
				Treatment application	
Treatment Site	Acreeage	Mean Depth (feet)	Volume (acre-feet)	Treatment a.i. ppm	gallons [†]
1	38.35	6.50	249.28	1.25	199.4
2	6.60	6.50	42.90	1.50	42.9
3	3.50	6.50	22.75	1.50	22.8
4	11.56	6.50	75.14	1.25	60.1
5	3.32	6.50	21.58	1.50	21.6
6	6.03	6.50	39.20	1.50	39.2
7	4.73	6.50	30.75	1.50	30.7
Whole Lake	74.09		481.59		416.70
* Aquathol K® liquid aquatic herbicide (a.i. endothall)					

Whole Lake Volume = 6213.15 acre-feet

Whole Lake Volume = 7,663,796,262 liters

Whole Lake Volume = 2,024,560,287 gallons

Expected Whole-lake Concentration

0.0002058010

Target endothall a.i.	gal/ac-ft†
0.25	0.15
0.5	0.30
0.75	0.45
1	0.60
1.25	0.80
1.5	1.00
2	1.33
2.5	1.67
3	2.00
Aquathol K (liquid)	