

Little Trade Lake 2016 FINAL CLP/EWM Treatment Proposal (5-4-2016)

				CLP/EWM — Diquat (Reward)			CLP/EWM - Endothall (Aquathol K)		
Treatment Site	Acreege	Mean Depth (feet)	Volume (acre-feet)	Treatment a.i. ppm	Treatment application (2-gal/acre)	Application rate (gal/ac-ft)	Treatment a.i. ppm	Treatment application (gal)	Application rate (gal/ac-ft)
1-16	3.63	3.0	10.89	NA	7.3	0.67			
2-16	2.04	4.0	8.16				4.0	21.2	2.6
3-16	0.46	4.0	1.84				4.0	4.8	2.6
4-16	0.70	5.0	3.50				4.0	9.1	2.6
5-16	0.51	5.0	2.55				4.0	6.6	2.6
6-16	0.57	4.0	2.28				4.0	5.9	2.6
7-16	0.74	5.0	3.70				4.0	9.6	2.6
8-16	0.72	4.0	2.88				4.0	7.5	2.6
9-16	0.14	3.0	0.42				4.0	1.1	2.6
10-16	0.41	4.0	1.64				4.0	4.3	2.6
11-16	0.13	4.0	0.52				4.0	1.4	2.6
Total	10.05		38.38		7.3			71.5	
Reward (liquid diquat)				CLP/EWM Treatment (10.69 acres); early spring application					

Reward (liquid Diquat)	0.25-0.5 gallons/acre-ft	\$150/gallon x 8 = \$1,200.00
Aquathol K (liquid endothall)	3.0-4.0 ppm	\$120/gallon x 72 = \$8,640.00

\$9,840.00

Target endothol ai (ppm)	lbs/ac-ft
0.75	3.30
1.0	4.40
1.5	6.60
2.0	8.80
3.0	13.20
4.0	17.60
5.0	22.00

Target endothall a.i. (ppm)	gal/ac-ft†
0.75	0.45
1.00	0.60
1.50	1.00
2.00	1.33
2.50	1.67
3.00	2.00
4.00	2.60

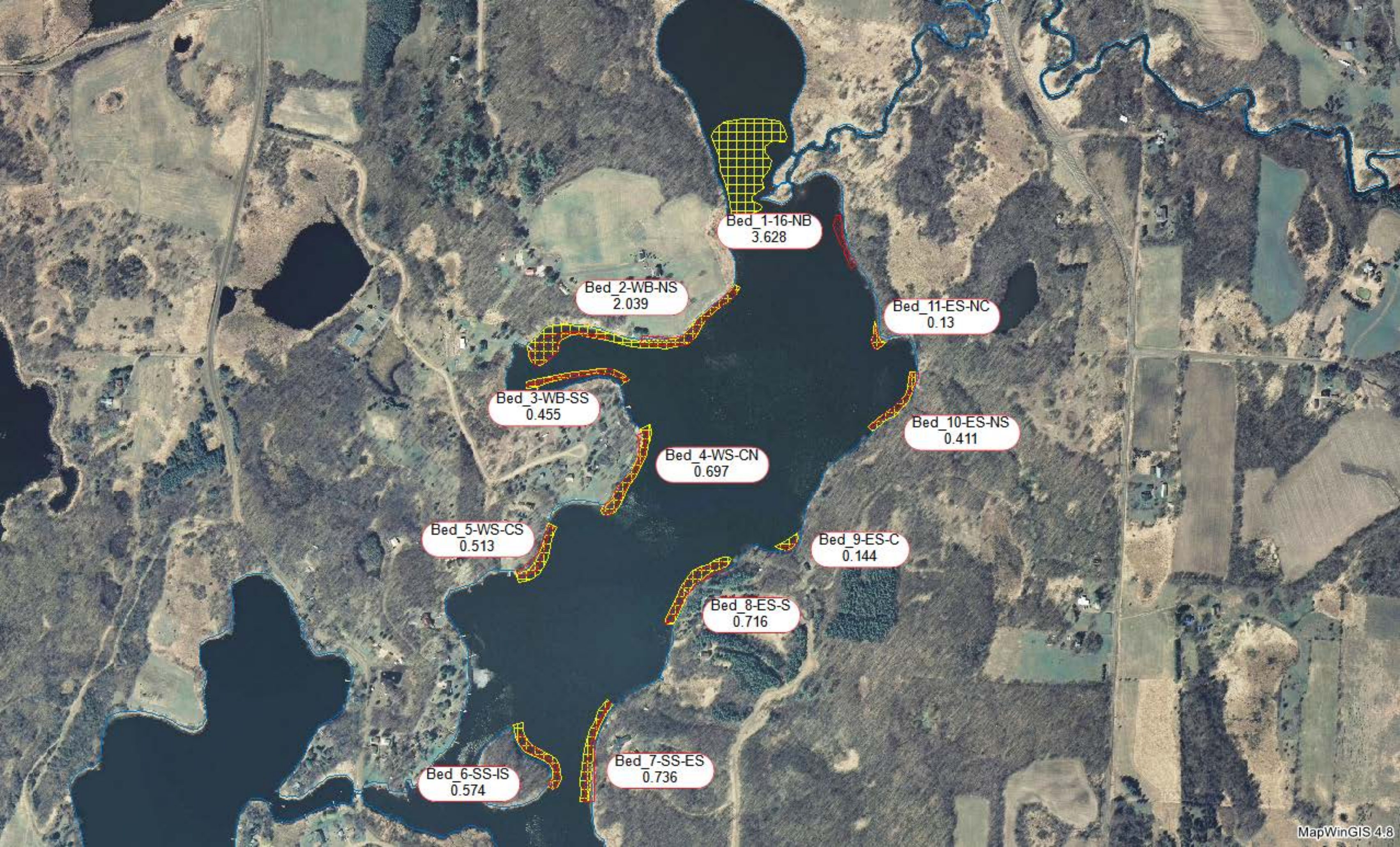
Aquathol Super K (granular)

Aquathol K (liquid)

Little Trade Lake 2016 FINAL CLP/EWM Treatment Proposal - Diquat (5-4-2016)

					Eurasian Watermilfoil — Diquat (Reward)					
Treatment Location	Site Name	Acreage	Mean Depth (feet)	Volume (acre-feet)	Max Label Treatment Rate (2 gal/acre)	Application rate (gal/ac-ft)	Max allowed diquat ion (2lbs/gallon)	Total diquat ion (mg) (Col.M x 453594)	Treatment a.i. ppm (Col.L/12334 81.84)	Exceeds label or DNR rate
North Bay	1-16	3.63	3.0	10.89	7.26	0.667	1.333	604789.333	0.490	no
Total		3.63		10.89	7.26					
EWM Treatment (13.19 acres); early spring application										

Reward (liquid Diquat)	0.25-0.5 gallons/acre-ft	\$150/gallon x 8 = \$1,200.00
------------------------	--------------------------	-------------------------------



Bed_1-16-NB
3.628

Bed_2-WB-NS
2.039

Bed_11-ES-NC
0.13

Bed_3-WB-SS
0.455

Bed_10-ES-NS
0.411

Bed_4-WS-CN
0.697

Bed_5-WS-CS
0.513

Bed_9-ES-C
0.144

Bed_8-ES-S
0.716

Bed_6-SS-IS
0.574

Bed_7-SS-ES
0.736