

2022 Preliminary Curly-Leaf Pondweed Chemical Treatment - East Shore - Endothall (3-30-2022 LEAPS)						
Treatment Area Characteristics				Aquathol® K (liquid)		
Bed	Acreage	Mean Depth (ft)	Acre-Feet	Target A.I. (ppm)	Total Treatment (gallons)	Density
East Shore	11.70	7.0	81.90	1.5	81.90	Dense
TOTAL	11.70		81.90		81.90	



2022 Chemical Treatment of CLP along the East Shore of Rice Lake

APM Plan Approval – 3/26/2019

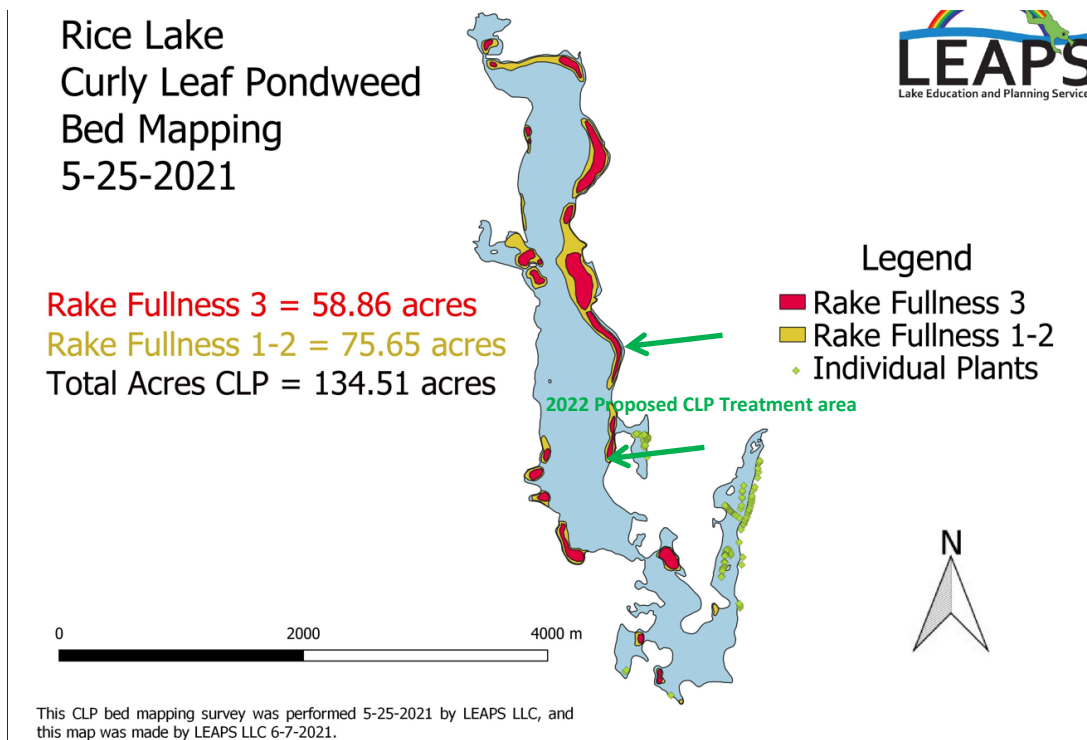
Management of CLP using aquatic herbicides is discussed in the approved APM Plan on page 76, and covered under Goal 1, Obj. 2, Action 2,a,ii. When CLP growth exceeds 10 acres in a prior year survey, this area will be considered for management using herbicides. The area is heavily fished and there is a small craft access along the shore. During a CLP bedmapping survey completed in late May 2021, almost 60 acres of dense growth CLP was identified lake wide. Approximately 10.44 acres was mapped in the proposed chemical treatment area.

The map below reflects the 2021 CLP bedmapping results. The area along Lakeshore Drive on the west side of the lake was chemically treated in 2021 and was one of the few places in the lake that did not have dense growth CLP.

Because the proposed chemical treatment area for CLP along the east shore exceeds 10.0ac, a pre and post-treatment point-intercept survey of at least 80 points will be completed by LEAPS.

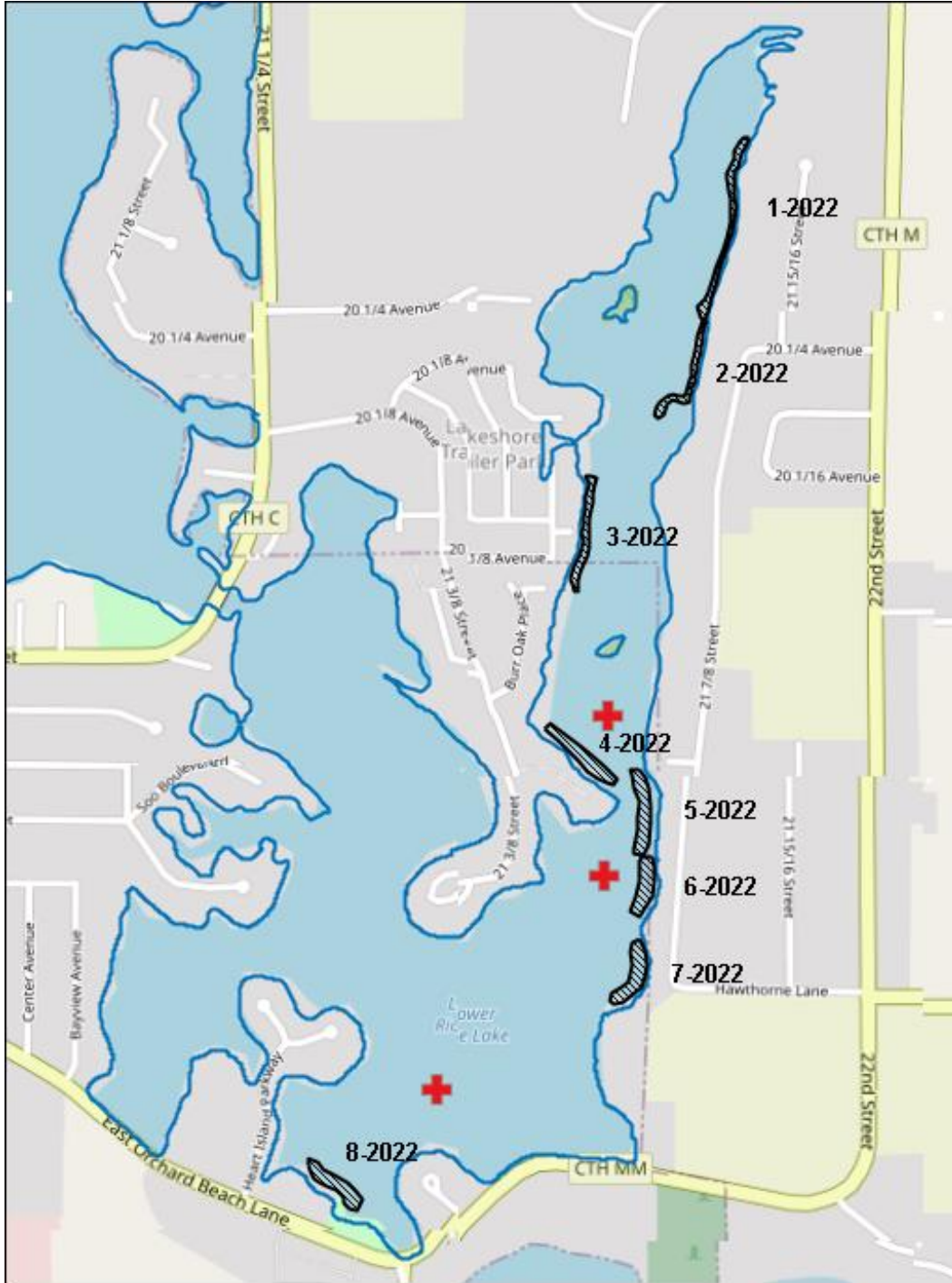
Aquathol K (liquid endothall) will be applied at 1.5ppm in the treatment area. The treatment area will be modified after the pre-treatment survey, if necessary. At the moment, chemically treated the area 3 years in a row is not planned. Like the area along Lakeshore Drive, the goal is to knock down dense beds of CLP so that regular harvesting can have better results.

Harvesting of CLP will continue in the rest of the lake in 2022.



Map 3 - 2022 Rice Lake – Clearwater Bay and South Basin HWM Preliminary Spring ProcellaCOR Treatment Proposal

LEAPS, October 22, 2021



Black Polygons = 2022 Preliminary ProcellaCOR treatment areas; Red Crosses = ProcellaCOR monitoring locations

2022 Rice Lake, Barron County Preliminary Spring HWM ProcellaCOR Chemical Treatment Proposal 10/21/2021						
New Name	Acres	Mean Depth (feet)	Acre-feet	Treatment PDU/acft	PDU Application	Pre/Post Treatment Points
Bed 1-2022	.85	3.0	2.55	3.00	7.65	9
Bed 2-2022	0.58	3.00	1.74	4.00	6.96	6
Bed 3-2022	0.69	3.00	2.07	4.00	8.28	7
Bed 4-2022	0.81	4.00	3.24	4.00	12.96	8
Bed 5-2022	0.91	6.00	5.46	5.00	27.30	9
Bed 6-2022	0.72	8.00	5.76	6.00	34.56	7
Bed 7-2022	0.81	8.00	6.48	6.00	38.88	8
Bed 8-2022	0.73	5.00	3.65	5.00	18.25	7
	6.10			4.63	154.84	61
						39
ProcellaCOR	PDU = 3.2 oz		fl. Ounces	gallons		100 pts total
Scenario 1	# of PDU = 154.84		495.488	3.9		
	Cost/PDU = \$70.00					
	Total Cost = \$10,838.80					

2022 Rice Lake Herbicide Concentration Testing					
Site	1 HAT	4 HAT	8 HAT	24 HAT	48 HAT
CB-2022	1	1	1	1	1
SB-Outlet-2022	1	1	1	1	1
SB-DeepHole-2022	1	1	1	1	1
	3	3	3	3	3
Blanks	2	TOTAL = 17 samples			

2022 EWM/EWM Herbicide Management

APM Plan approved 3/26/2019

Management of EWM/HWM in Clearwater Bay and the South Basin is covered in the APM Plan on page 75. Management criteria in Clearwater Bay is supported by Goal 1, Obj. 4, Action 3 and states that chemical management will be considered when the proposed treatments exceed 2.0 acres. Beds 1-4 in the 2022 proposal equal 2.93 acres. Goal 1, Obj. 5, Action 5 covers chemical management of EWM/HWM in the South Basin under the same guidelines – management areas exceed 2.0 acres. Beds 5-8 in the South Basin total 3.17 acres for a total treatment of 6.10 acres.

IN the APM Plan, pre and post-treatment survey work will be done if the treatment area exceeds 10.0 acres. Although this level has not been reached, because management proposes the use of ProcellaCOR, a pre and post point-intercept survey of 100 points will be completed in 2022. A follow-up survey of the same 100 points will be completed in 2023. Also, an herbicide concentration testing program is planned for the ProcellaCOR treatment. Three points will be sampled five different times after the treatment has been completed.