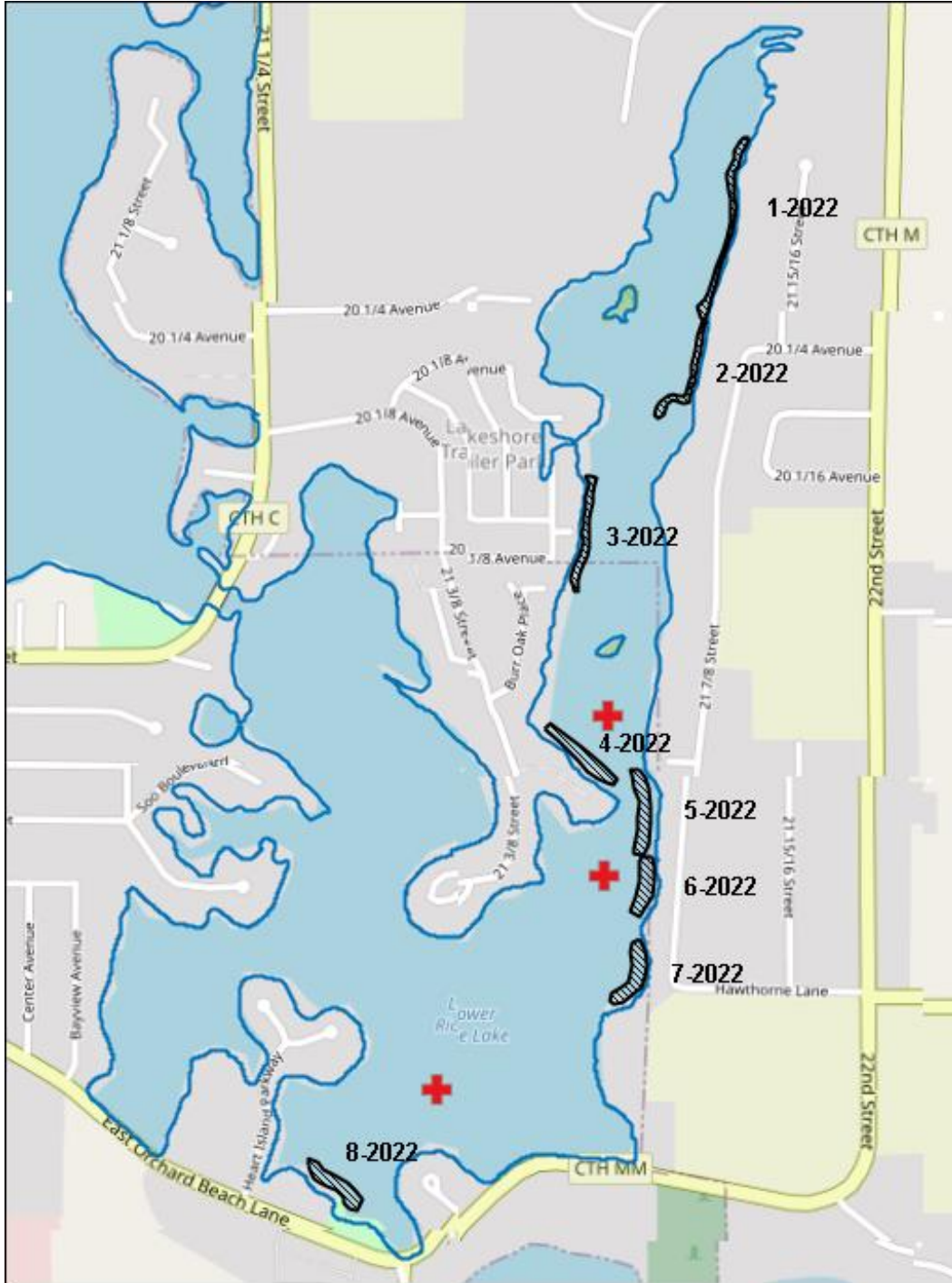


Map 3 - 2022 Rice Lake – Clearwater Bay and South Basin HWM Preliminary Spring ProcellaCOR Treatment Proposal

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.