

2022 Lower Turtle Lake, Barron County Preliminary CLP Chemical Treatment Proposal

LEAPS 9/17/2021

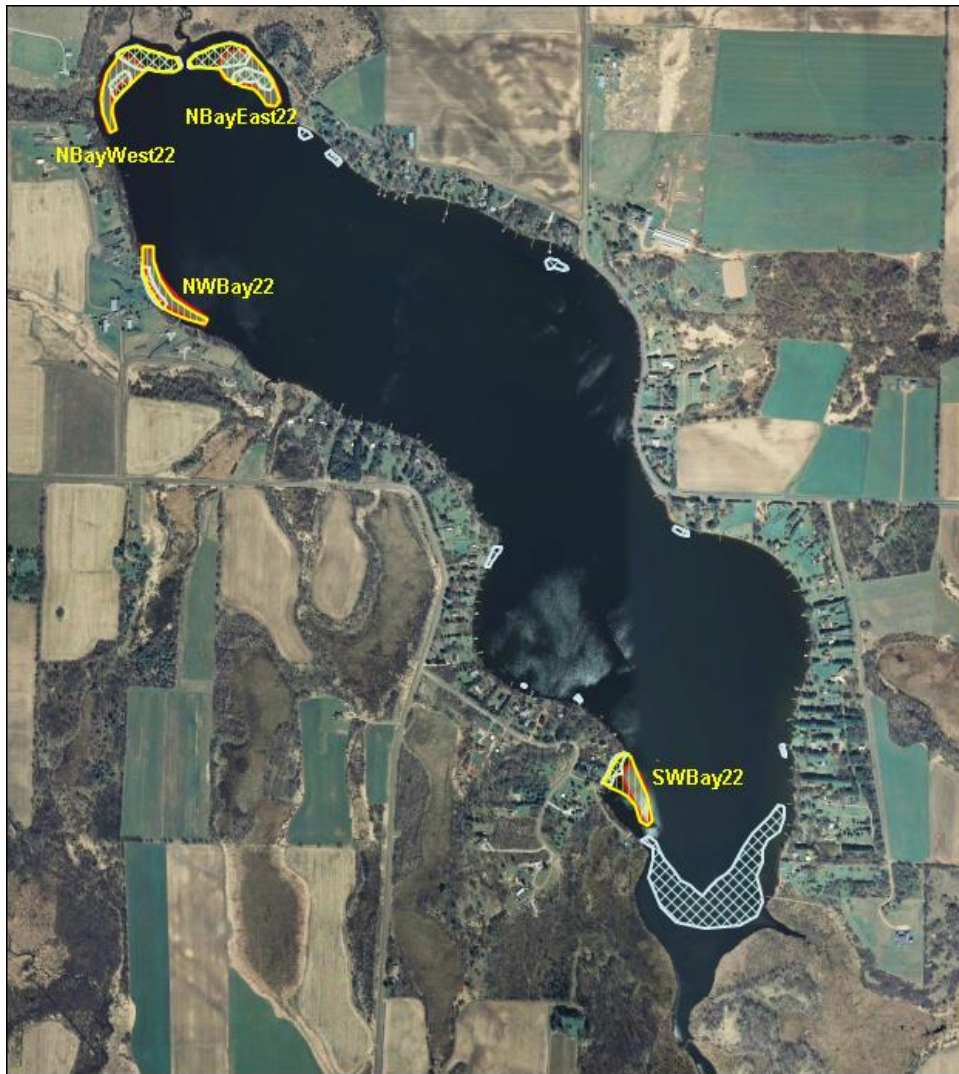


Figure 1: Red Outline – 2021 CLP treatment areas; Gray polygons – 2021 CLP bedmapping; Yellow polygons – Preliminary 2022 CLP treatment areas

Lower Turtle Lake 2022 Preliminary CLP Treatment - 4/10/2022 (LEAPS)							
Name	CLP Density	Substrate	Acres	Mean Depth (feet)	Acre-feet	Target a.i. (liquid) (ppm a.e.)	Aquathol (liquid) Application (gallon)
North Bay West	dense	Muck	2.85	4.0	11.40	2.00	15.16
North Bay East	dense	Muck	3.00	4.0	12.00	2.00	20.04
NW Bay	dense	Muck	1.56	6.0	9.36	2.00	15.63
SW Bay	dense	Muck	1.82	4.5	8.19	2.00	13.68
TOTAL			9.23		40.95		64.51

Guidelines from APM Plan: treatment areas >1.0 acres, and all areas treated in 2021 (2nd of 3 yrs)

2022 CLP Herbicide Management Plan – 2020-24 APM Plan

Approved 5/12/2020

The current APM Plan for Lower Turtle Lake, approved in May of 2020, lays out the following criteria for CLP management using aquatic herbicides. Treatment areas must be greater than or equal to 1.0 acres, be based on prior year CLP bedmapping that documents beds and density. Beds and density that meet the criteria in the APM Plan documented two years in a row can be considered for chemical treatment. Once chemical treatment begins, it should be completed for three years, unless pre-treatment readiness surveys cannot locate any CLP in the proposed treatment areas. The following figure reflects the CLP bedmapping in 2021. All of the beds included in the 2022 herbicide treatment proposal were included in the 2021 herbicide treatment. Assuming a 2022 pre-treatment readiness survey identifies CLP in these same areas, 2022 will be the second year of three consecutive herbicide treatments.

