

Proposed Treatment Areas* –2023
Okauchee Lake—Waukesha County, WI
(areas of lake, < 10ft. In depth, estimated)

Area #	Description	Acreage
1	Upper Oconomowoc, including channel	33.0
2	Lower Okauchee- From launch to Bridge	45.7
3	Lower Okauchee- From entrance of main lake to Brige	88.5
4	Pond off Tierney	1.5
5	Tierney, Including Channel	13.0
6	Icehouse Bay	76.6
7	Hwy C and Offshore	38.7
8	Cranes Nest	17.4
9	Shoreline-Eastern Half of Lake from Breezy Pt. northeastward and east shore to Icehouse Bay Entrance	100.0
10	Breezy Point to Entrance of Wittigers Bay	16.9
11	Wittigers Bay	8.2
12	Stumpy Bay	127.0
13	End of Point (Rd I) south to Entrance of Icehouse Bay	37.8
14	Lagoon on Nichols Point (Whitely, et al)	0.3

604.55*

***Note: Of this amount, no more than 150 acres will be treated, which is consistent with what has been treated in the past.**

The above will be inspected during May/June for growth of Curly-leaf pondweed (CLP) and/or Eurasian water-milfoil (EWM) in order to determine treatment needs/timing. Areas selected for treatment will be prioritized using the following criteria: Density of AIS, degree of interference with recreational use, potential for negative impacts upon native plant population and/or coordination with harvesting operations. In addition, to EWM and CLP, native species may be treated in Area #14, if required.

Note: Under no circumstances will any one single treatment consist of a treatment large enough in size (and volume), along with high enough 2,4-D treatment concentration to be considered as a “Whole Lake” Treatment, with a theoretical lake-wide 2,4-D concentration of greater than 0.1 ppm, or 100 parts per billion.

An estimate of the amount of material required to conduct an Epilimnetic Treatment is as follows:

Lake Area: 1210 acres Avg. Depth of Epilimnion: 10 ft. (conservatively) Volume: 12100 acre –ft
Rate for 200 ppb= .2 x 0.71 (gal = 1 ppm) = 0.142 gal/acre-ft Therefore 12,100 acre-ft. x 0.14 gal/acre-ft = 1,718.2 gal.
In contrast the amount of Weedar 64 used in 2022 was 289.75 gal..

Finally, ProcellaCOR EC may be used on a limited basis for control of EWM if a suitable site can be found, and with the approval of the WI DNR and Customer. One potential candidate as of this time is Tierney,

2023 Proposed Treatment Areas #1-6 Okauchee Lake



2023 Proposed Treatment Areas #7-14 Okauchee Lake

