

**2022 Horseshoe Lake, Washburn County Preliminary EWM ProcellaCOR Treatment Proposal  
11/5/2021**



2022 Horseshoe Lake, Washburn County Preliminary EWM ProcellaCOR Treatment Plan 11-5-2021 (LEAPS)								
Treatment Location	Acre	Mean Depth	Acre-feet	PDU Rate	PDU / Site	Fl OZ/Site	Parts-per-billion	Part-per-million
Narrows-N	0.65	5.5	3.58	4	14.3	45.3	7.7	0.0077
Narrows-S	0.79	5.5	4.345	4	17.4	55.1	7.7	0.0077
<b>Totals</b>	<b>1.44</b>		<b>7.92</b>		<b>31.7</b>	<b>100.4</b>		
ProcellaCOR	PDU = 3.17 oz			fl. Ounces	gallons			
	# of PDU	31.7		100.4	0.78			
	Cost/PDU	\$70.00						
	Total Cost	\$2,217.60						

**Using the Management Planning Guide in the APM Plan to Determine Management Actions in 2022**

Eurasian Watermilfoil FLIPS Management Approach				
Formation	Location	Impairment	Prior Year	Sensitive Area
Is the EWM location new this year, or an area untreated in the year prior?	Is the EWM in an area of high traffic or use? (boat landings, marinas, resorts, restaurants, high use docks)	Does the EWM cause beneficial use impairment? (preventing or limiting fishing, boating, swimming, navigation, etc.)	<i>For chemical management only -</i> Was the EWM mapped in the year prior?	Is EWM having a negative impact on native plants or other fauna in the area?
If answered "yes" for more than 3 questions for a given area with EWM, then that area of EWM should be given a high priority for management. If answered "yes" to less than 3 questions, then that area of EWM may be considered a lower priority for management, although some control actions could still be applied where possible to prevent EWM from spreading more.				

**F – Yes** The two areas of EWM are not new, but they have never been chemically treated before.

**L – Yes** The two areas are in a main navigation area that goes between the two basins of the lake.

**I – No** The two areas are probably not causes significant impairment.

**P – Yes** These areas have been mapped in the past.

**S – No** At the current level of EWM in these areas, they are probably not negatively impacting native vegetation.

**Management Guidance Pathway**

Level 1 – 0.5-1.5 acres

Level 2 – Small Clumps

Level 3 – Open water >3.0ft

Level 4 – Herbicide – ProcellaCOR (0.25-3.0 acres)

Level 5 – Contracted

Level 6 – More expensive than diver removal