



Lake Catherine and Channel Lake Eradicating Eurasian Water Milfoil with ProcellaCOR

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Current Condition of Lake Catherine and Channel Lake

- Excellent water clarity, bottom visibility down to 12ft last year
- Nutrient rich sediment / water fuels aquatic plant growth
- Harvesting has been successfully used to manage aquatic plant growth
- EWM continues to spread creating navigational constraints, displacing fish and wildlife, and outcompeting natural vegetation.



Characteristics of Eurasian Watermilfoil:

- EWM is a rooted, submerged invasive aquatic plant
- Each plant can produce approximately 100 seeds per season, its more successful at reproducing via fragments.
- This plant dies back in the fall, but the root systems survive the winter and begin growing again in the spring.
- It can grow up to 20 feet tall, but typically only grows three to nine feet tall.
- It creates thick, dense canopy-like structures as it grows toward the water's surface.
- Interferes with recreational activities and native plant growth.





ProcellaCOR is a sustainable solution for Eurasian Watermilfoil control



ProcellaCOR's is a selective, Systemic Aquatic Herbicide. Selective meaning a product's tendency to control only the targeted species (EWM) while having no impact on native plant and animal populations.

- This product been incredibly effective at controlling and even eliminating invasive EWM infestations in either lakes wide management programs or spot treatments.
- Being a systemic herbicide, meaning that the plant takes it through its entire structure and roots. After treatment, plants die off over a period of two to four weeks and breaks down naturally.

Benefit's of using this treatment solution:

- USEPA approved since Sept 2017
- Treatment is highly selective treating EWM with little impact to good aquatic plants
- No drinking water or recreational use restrictions
- Application occurs by a ProcellaCOR Pro Certified Specialist - highly trained aquatic management professional

Our objective is to reset EWM population in our lakes while promoting an environment to support good native plant growth. **This treatment will not eliminate all lake weeds.** A healthy ecosystem needs aquatic plants. Our goal is to reduce the invasive plant EWM only.



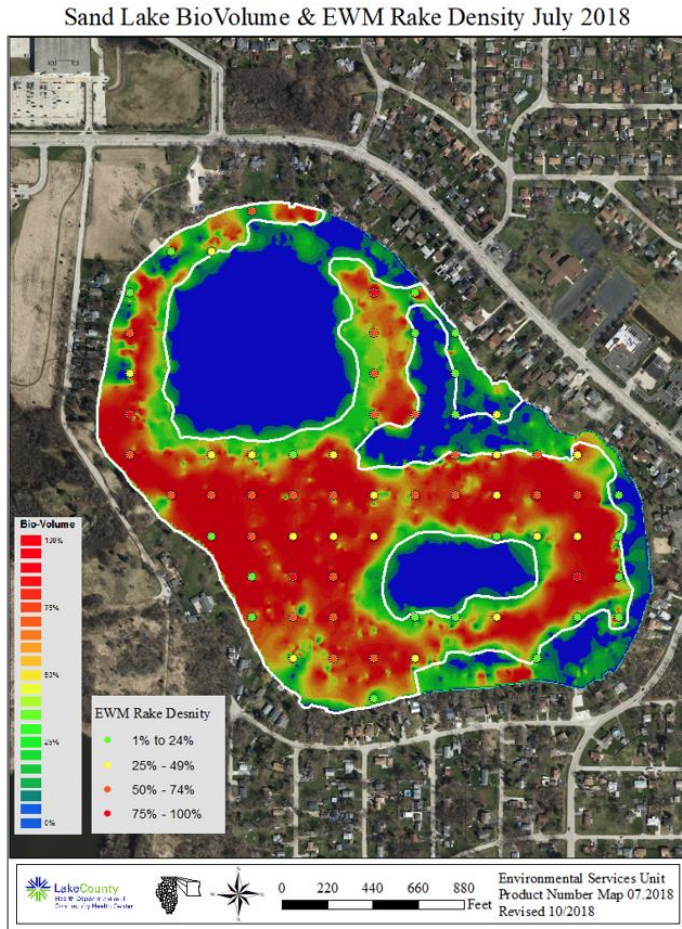
ProcellaCOR Manufacturer Guarantee

An Extended Control Contract (ECC) can be made between SePRO (manufacturer of ProcellaCOR) and Black Lagoon (certified Pro Specialist) on eligible management sites. Eligible management sites are 10 continuous acres or larger that have had an approved recommended management strategy. The ECC guarantees control of targeted species within the site for 3 years. Control is defined as not 1 continuous acre or more returning in the application area 3 years from the ProcellaCOR application. Should the ECC need to be responded to, SePRO will provide the product and Black Lagoon will perform the application acreage at no cost to the Association.

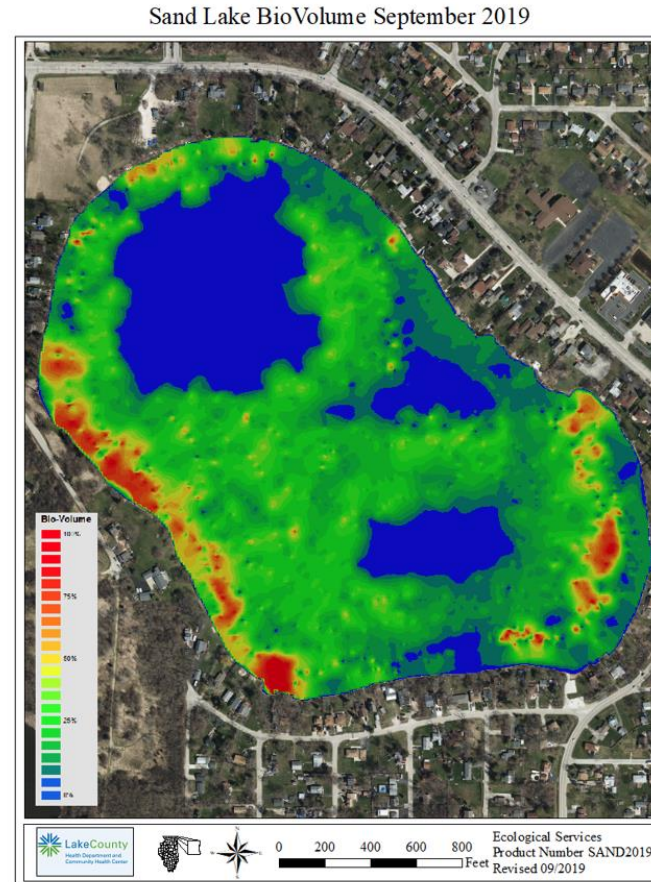


ProcellaCOR Treatment Sand Lake 2019 – Weed Heat Map

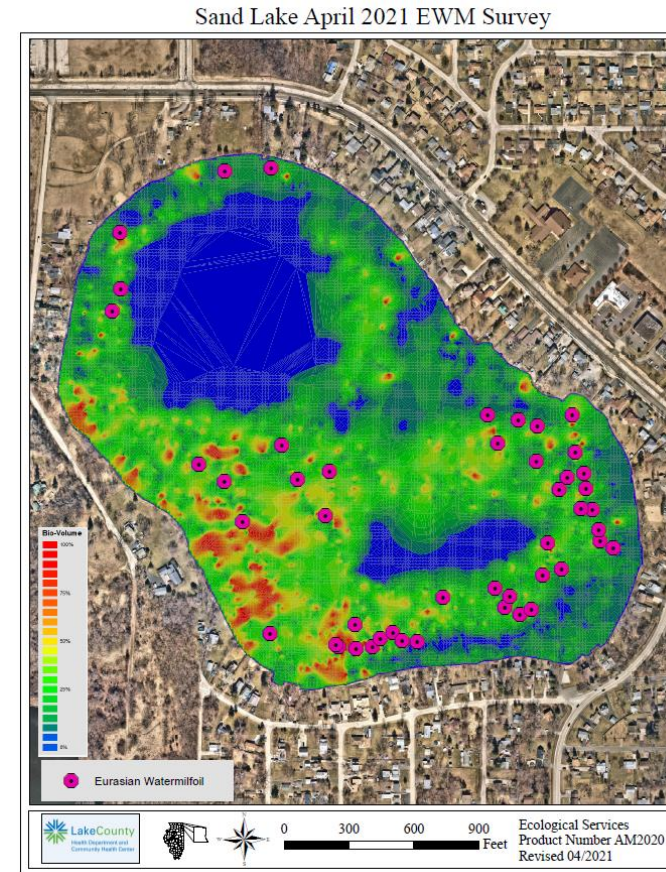
2018 before treatment



2019 Post Treatment, No milfoil



2021 Survey.



Last year - East and West Loon Lake treated, 100% kill of all Milfoil. East and West Loon Lake Owners association highly recommended this treatment.



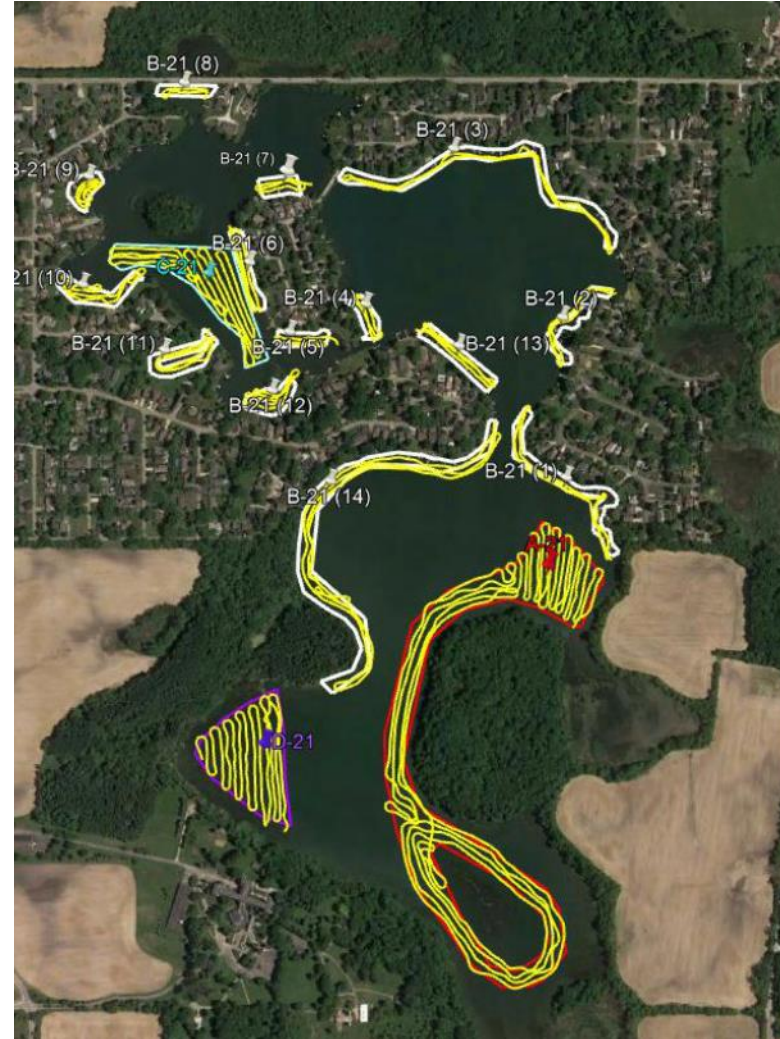
ProcellaCOR Application Process – Sub-surface application system

Pretreatment Survey -Treatment areas are mapped to determine, acres, average depth, invasive weed density. This develops recommended control strategies.

All public notifications and permits will be submitted in compliance with State regulations prior to beginning the project.

Herbicide application performed using GPS driven treatment tracks based on best practices from manufacture SePRO.

Post treatment survey will be performed, and a detailed report submitted to FOCCL

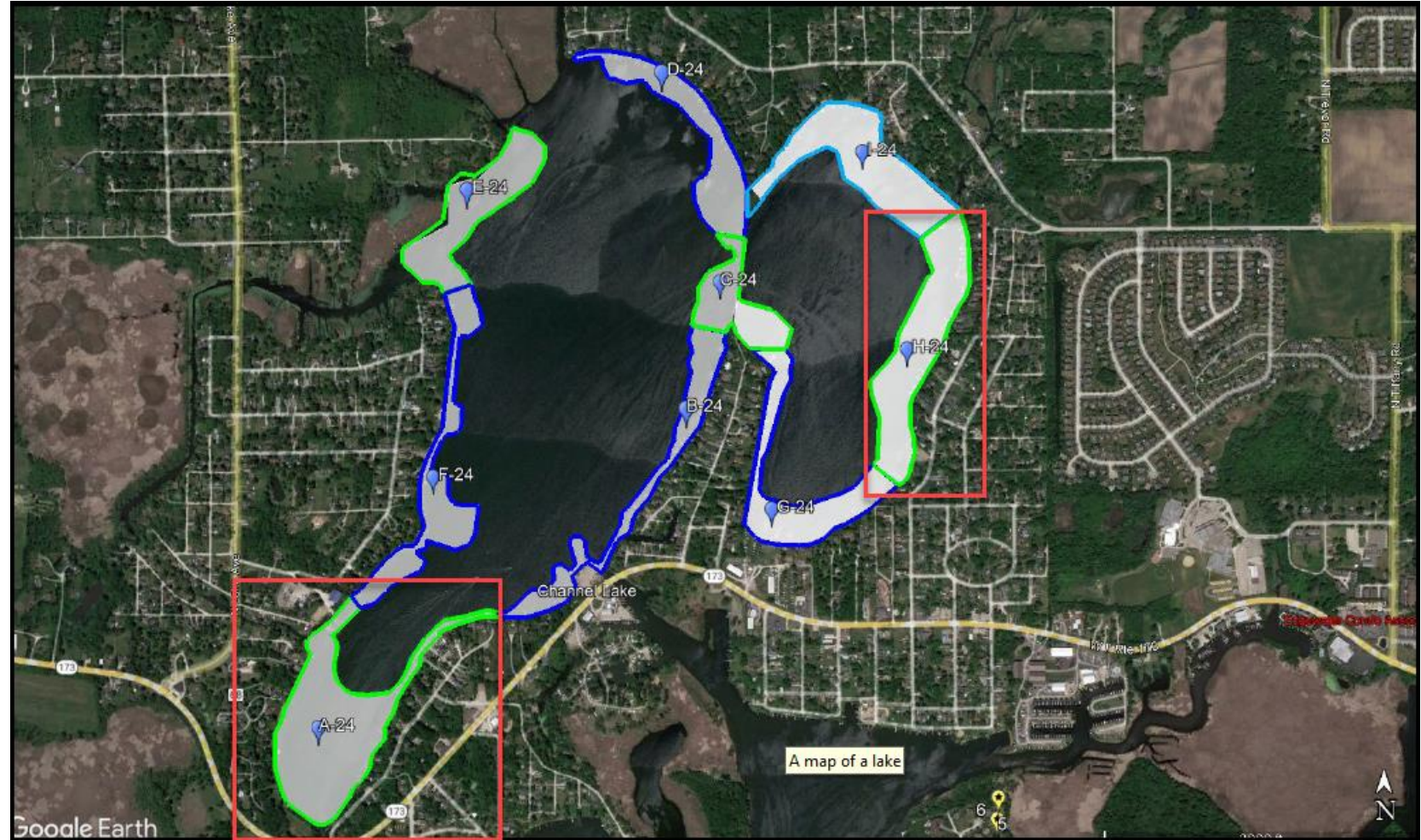


ProcellaCOR Treatment Lake Catherine and Channel Lakes

We've broken lakes into treatment zones.

WMB Grant award commits us to treating A24 & H24 (53 Acres)

Catherine & Channel Lakes 2024 EWM Management Project			
SITE ID	SURFACE ACRES	AVERAGE DEPTH	WATER VOLUME
A-24	30.8	5.0	154.0
B-24	13.6	5.0	68.0
C-24	10.2	5.0	51.0
D-24	15.3	5.0	76.5
E-24	16.3	5.0	81.5
F-24	16.0	5.0	80.0
G-24	15.7	5.0	78.5
H-24	22.0	5.0	110.0
I-24	21.3	5.0	106.5
TOTALS	161.2		806.0



Treatment zones need to be 10 acres plus to get extended warranty. (3 year)



ProcellaCOR Treatment Costs

Catherine & Channel Lakes 2024 EWM Management Project				PROCELLACOR EC (florpyrauxifen-benzyl)			APPLICATION		HERBICIDES	
SITE ID	SURFACE ACRES	AVERAGE DEPTH	WATER VOLUME	RATE PDU	PDU PER ACRE	TOTAL PDU	COST PER ACRE	COST PER SITE	COST PER ACRE	COST PER SITE
A-24	30.8	5.0	154.0	4.0	20.0	616.0	\$ 125.00	\$ 3,850.00	\$ 1,120.00	\$ 34,496.00
B-24	13.6	5.0	68.0	4.0	20.0	272.0	\$ 125.00	\$ 1,700.00	\$ 1,120.00	\$ 15,232.00
C-24	10.2	5.0	51.0	4.0	20.0	204.0	\$ 125.00	\$ 1,275.00	\$ 1,120.00	\$ 11,424.00
D-24	15.3	5.0	76.5	4.0	20.0	306.0	\$ 125.00	\$ 1,912.50	\$ 1,120.00	\$ 17,136.00
E-24	16.3	5.0	81.5	4.0	20.0	326.0	\$ 125.00	\$ 2,037.50	\$ 1,120.00	\$ 18,256.00
F-24	16.0	5.0	80.0	4.0	20.0	320.0	\$ 125.00	\$ 2,000.00	\$ 1,120.00	\$ 17,920.00
G-24	15.7	5.0	78.5	4.0	20.0	314.0	\$ 125.00	\$ 1,962.50	\$ 1,120.00	\$ 17,584.00
H-24	22.0	5.0	110.0	4.0	20.0	440.0	\$ 125.00	\$ 2,750.00	\$ 1,120.00	\$ 24,640.00
I-24	21.3	5.0	106.5	4.0	20.0	426.0	\$ 125.00	\$ 2,662.50	\$ 1,120.00	\$ 23,856.00
TOTALS	161.2		806.0			3224.0		\$ 20,150.00		\$ 180,544.00

Overall Lake treatment costs \$203,194

- Subject to change when spring mapping completed

“Funding for this project was provided in part by the Lake County Stormwater Management Commission through a Watershed Management Board Grant.”

How we plan on paying for this:

- FOCCL contributions and other grants already secured \$100,000
- **WMB grants - \$27,915.25**
- Vender is offering deferred payment plan with 0% interest.
- Your contributions \$\$\$\$\$





Thank you for making a difference in our Lakes

