

# NOTICE 2023

PLM Lake and Land Management Corp  
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Thornapple River Cascade Twp has been scheduled for the **week** of:

WEEK OF	DESCRIPTION	WEEK OF	DESCRIPTION
5/1/2023	Spring Water Quality Testing	7/10/2023	Weed & Algae Treatment, E.coli Testing
5/29/2023	Pre-Treatment Vegetation Survey	7/31/2023	Mechanical Harvesting (if needed)
6/5/2023	Weed & Algae Treatment	8/14/2023	Weed & Algae Treatment, AVAS Survey, WQ Testing

EGLE permitting restrictions, national holidays, and/or weather conditions may influence the timing of treatments throughout the 2023 season. PLM treats each lake according to a schedule or season plan, established with the cooperation of your lake association, lake board or residents on the lake. The treatment schedule is approximate. Please watch your shoreline for the posting of the 8.5x11 inch, yellow or green signs. The signs will indicate the date of the treatment, the products used, and any restrictions on the use of treated water for swimming, watering lawns, etc. The property owners in this area are planning to have the waters chemically treated to control lake weeds and/or algae. This notice is being circulated in accordance with Department of Environment, Great Lakes and Energy (EGLE) procedures. Below is a list of herbicides that **may** be applied to the lake and the associated use restrictions. On the day of treatment, signs will be posted along the shoreline within 100 feet of treatment areas that indicate what products were used and specific water use restrictions that apply:

Chemical product/active ingredient	Chemical trade name	Do Not Use this water for swimming or bathing until	Do Not Use this water for ornamentals or turf irrigation until	Do Not Use this water for domestic purposes or agriculture irrigation until	Do Not Use this water for livestock watering or similar purposes until	Do Not Use this water for swimming or bathing until	Do Not Use this water for livestock watering or similar purposes until
Endothall Diquat Dibromide	Aqua Strike	1 Day(s)	3 Day(s)	5 Day(s)	14 Day(s)	1 Day(s)	14 Day(s)
Endothall	Aquathol K, Hydrothol 191	1 Day(s)	N/A	14 Day(s)	14 Day(s)	1 Day(s)	14 Day(s)
Flumioxazin	Clipper, Propeller, Schooner	1 Day(s)	3 Day(s)	5 Day(s)	N/A	1 Day(s)	N/A
Chelated Copper Herbicide	Nautique	1 Day(s)	N/A	N/A	N/A	1 Day(s)	N/A
Florpyrauxifen-Benzyl	ProcellaCOR	1 Day(s)	Site-specific recommendation* No restriction for established turf/grasses	N/A on domestic; assay indicates no detect at the water intake	N/A	1 Day(s)	N/A
Triclopyr liquid	Renovate 3	1 Day(s)	120 Day(s) or until approved assay indicates 1ppb or less; No restriction for established turf/grasses	120 Day(s) or until assay indicates 1ppb or less. N/A on domestic	N/A	1 Day(s)	N/A
Triclopyr granular	Renovate OTF	1 Day(s)	Site-specific recommendation* No restriction for established turf/grasses	120 Day(s) or until assay indicates 1ppb or less. N/A on domestic	N/A	1 Day(s)	N/A
Diquat Dibromide	Tribune	1 Day(s)	3 Day(s)	5 Day(s)	1 Day(s)	1 Day(s)	1 Day(s)

**PLM Blue, Cygnet Select, Aqua Shadow Black:** water dye (tracer), **Copper Sulfate, Cutrine Plus-Ultra, Captain-XTR, Earthtec, SeClear and SeClear G, Formula F-30, K-Tea:** chelated copper, **Cygnet Plus, PolyAn:** Adjuvant, **Pak 27, AquaSticker, Green Clean L and Green Clean 5.0:** oxidizer, **AquaPrep:** enzymes & non-ionic surfactants, **M.D. pellets, Muck Biotics:** gram negative, naturally occurring bacteria. **PLM Enzyme:** enzymes, **Phoslock:** phosphorus locking technology, **EutroSORB** phosphorus binding media.

**No Restrictions** on swimming, bathing, irrigation, domestic purposes or livestock watering.

For a complete listing of all product labels, please see our website. **N/A= Not Applicable INDEF= Indefinite**  
 \*Site-Specific recommendations to limit ornamental irrigation with ProcellaCOR, Renovate & Sculpin granular treated water will typically last 2-14 days. Contact PLM for further information.

The chemicals used for Aquatic Nuisance Control are registered by the U.S. Environmental Protection Agency and the Department of Environment, Great Lakes and Energy. The potential for damage to fish and other non-target organisms is minimal provided that the product is used as directed on the product label and the permit. To minimize the possible effects on health and the environment, the treated water is restricted for the above purposes.

**Method of Application:** Chemical application will be made via boat, back pack, and/or land vehicle applying liquid surface products by surface spray and/or injection. Granular product application will be surface broadcast.

**PLM Lake & Land Management Corp. Certified Applicators:** Salvatore Adams, Preston Adgate, Jason Broekstra, William Conklin, Hannah Cornell, Jaimee Desjardins, William Ducham, Holden Elsner, Jeff Fischer, BreAnne Grabill, Dustin Grabill, Christian Halquist, Noah Hanson, Steve Hanson, Kyle Heath, Jake Hunt, Garrett Johnson, Blake Mallory, Michael Pichla, Elijah Quinn, Reese Ransom, Eric Reed, Colton Risner, Raquelle Robbins, Eric Roberts, Cory Robinett, James Scherer, Alison Schermerhorn, Sophia Scott, Casey Shoaff, Lucas Slagel, Keith terHorst, Jeff Tolan, Andy Tomaszewski, Dennis Vangessel, Andrew Weinberg