

# NOTICE 2020

PLM Lake and Land Management Corp  
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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
Endothall Diquat Dibromide	Aqua Strike	1 Day(s)	3 Day(s)	5 Day(s)	14 Day(s)
Endothall	Aquathol K, Hydrothol 191,	1 Day(s)	N/A	14 Day(s)	14 Day(s)
Flumioxazin	Clipper, Schooner	1 Day(s)	3 Day(s)	5 Day(s)	N/A
Imazapyr	Habitat	1 Day(s)	120 Day(s)	120 Day(s)	N/A
Chelated Copper Herbicide	Harpoon, Komeen Crystal , Nautique	1 Day(s)	N/A	N/A	N/A
2,4-D ester	Navigate 2,4-D	1 Day(s)	INDEF or until approved assay indicates a concentration of 100ppb or less for ornamentals; No restriction for established turf	INDEF or until approved assay indicates a concentration of 70ppb or less	N/A
Triclopyr liquid	Navitrol , 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
Triclopyr granular	Navitrol DPF , 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
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
2,4-D amine	Sculpin G	1 Day(s)	Site-specific recommendation* No restriction for established turf/grasses	N/A on domestic; assay indicates levels under 100ppb at the water intake	N/A
Carfentrazone-Ethyl	Sting Ray	1 Day(s)	14 Day(s)	14 Day(s)	1 Day(s)
Diquat Dibromide	Tribune	1 Day(s)	3 Day(s)	5 Day(s)	1 Day(s)

<b>PLM Blue, Cygnet Select:</b> water dye (tracer), <b>Copper Sulfate, Cutrine Plus-Ultra, Captain-XTR, Earthtec, SeClear and SeClear G, Formula F-30, K-Tea:</b> chelated copper, <b>Cygnnet Plus, PolyAn:</b> Adjuvant, <b>Pak 27, AquaSticker, Green Clean L and Green Clean 5.0:</b> oxidizer, <b>AquaPrep:</b> enzymes & non-ionic surfactants, <b>M.D. pellets:</b> gram negative, naturally occurring bacteria. <b>PLM Enzyme:</b> enzymes, <b>Phoslock:</b> phosphorus locking technology.	<b>No Restrictions</b> on swimming, bathing, irrigation, domestic purposes or livestock watering.
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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.

**PLM Lake & Land Management Corp. Certified Applicators:** Salvatore Adams, Jason Broekstra, Adam Cichon, Bill D'Amico, Jaimee Desjardins, Jeff Fischer, Christopher Garner, BreAnne Grabill, Dustin Grabill, Steve Hanson, Kyle Heath, Jake Hunt, Caleb Hutchinson, Jacob Irons, Douglas Isanhart, Adam Kehr, Michael Krueger, James Lee, Anna Lindquist, Blake Mallory, Michael Pichla, Wile Preston, Eric Reed, Cameron Robinson, James Scherer, Alison Schermerhorn, Ben Schermerhorn, Casey Shoaff, Lucas Slagel, Keith terHorst, Jeff Tolan, Andy Tomaszewski, Dennis Vangessel, Andrew Weinberg

**\*\*Treatment Dates on Back\*\***

## **Got Muck?**

PLM MD (Muck Digestion) Pellets are a combination of natural beneficial bacteria, enzymes, and vitamins that stimulate the biological activity at your lake or pond bottom. This stimulation allows the bacteria to feed on the organic sediment, therefore reducing the muck levels. PLM MD Pellets are easily applied by anyone once a month, when the water is above 55 degrees. Commercial applications are available for larger jobs. PLM MD Pellets are available in 10lb, 30lb or 50lb bags. Please contact our office to purchase or for more information.

## **Helpful tips to maintain a healthy lakefront**

Do not rake leaves into the lake. Decomposing leaves produces more muck. Do not feed the ducks and geese. Remove dog, geese and duck droppings from lawns, docks, etc. Excess feces will increase nutrients within the lake. Create a natural buffer close to the water's edge and remove grass/turf touching the water's edge. A natural setting will filter excess nutrients from entering the water and help decrease erosion. The greenbelt should consist of native plant varieties of shrubs, flowers or trees that do not shed their foliage into the water. Natural buffers are also an excellent way to deter geese from making a stop on your beach front. Geese do not like areas where they cannot see the predators coming towards them. If you do fertilize make sure you are using Phosphorus free fertilizer. One pound of phosphorous may produce over 775 pounds of algae-“The slimy green stuff”. Remove aquatic plants, leaves/branches and other debris that washes up along the lakeshore so less decomposition occurs in or near the lake. Always use silt fences when building a new home or doing any yard-work that would cause erosion. Keep all burn piles and debris piles away from lake. Do not burn near the water. The ash is concentrated nutrients! Encourage the use of stone, brick and similar porous materials when building a landscape to minimize urban water collection.

## **2020 TENTATIVE TREATMENT SCHEDULE**

**Emerald/Sylvan Lakes has been scheduled for the week of:**

<b>Date</b>	<b>Description</b>	<b>Date</b>	<b>Description</b>
6/8/2020	Survey, Weed Treatment	7/20/2020	Survey, Weed Treatment
8/24/2020	AVAS Survey, Weed Treatment		

DEQ permitting restrictions, national holidays, and/or weather conditions may influence the timing of treatments throughout the 2020 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.