

# NOTICE 2014

PLM Lake and Land Management Corp  
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Lake Columbia has been scheduled for the week of:

Date	Description	Date	Description
4/21/2014	Water Quality	7/14/2014	Spot Weed & Algae Treatment & E.coli
5/5/2014	Survey & Optional Weed in South Channel	8/4/2014	Optional Weed & Algae Treatment & WQ
5/19/2014	Weed & Algae Treatment	8/25/2014	Water Quality
6/16/2014	Spot Weed & Algae Treatment	9/22/2014	AVAS Survey

DEQ permitting restrictions, national holidays, and/or weather conditions may influence the timing of treatments throughout the 2014 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 Environmental Quality (DEQ) 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:

Check all 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
X	Flumioxazin	Clipper	1 Day(s)	3 Day(s)	5 Day(s)	N/A
X	Endothal	Hydrothol 191	1 Day(s)	N/A	14 Day(s)	14 Day(s)
X	Chelated Copper Herbicide	Komeen Crystal , Nautique	1 Day(s)	N/A	N/A	N/A
X	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 100ppb or less	INDEF or until approved assay indicates a concentration of 70ppb or less
X	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	See product label
X	Triclopyr/2,4-D amine	Renovate Max G	1 Day(s)	Site-specific recommendation* No restriction for established turf/grasses	120 Day(s) or until assay indicates 1ppb or less triclopyr and 100 ppb or less 2,4-D. N/A on domestic	See product label
X	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	See product label
X	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	See product label
X	Diquat Dibromide	Tribune	1 Day(s)	3 Day(s)	5 Day(s)	1 Day(s)
X	<b>PLM Blue, Cygnet Select:</b> water dye (tracer), <b>Copper Sulfate Alonglife:</b> copper sulfate, <b>Cutrine Plus-Ultra, Captain-XTR, Algimycin, Earthtec, SeClear, Formula F-30, K-Tea:</b> chelated copper, <b>Cygnet Plus, PolyAn:</b> Adjuvant, <b>Pak 27, Green Clean L:</b> oxidizer, <b>AquaPrep:</b> enzymes & non-ionic surfactants, <b>Nutrisorb,, 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.

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 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 Michigan Department of Agriculture. 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, Tyler Beatty, Tyler Bengry, Jason Broekstra, David Comeau, Jaimee Conroy, Kevin Dalley, Bill D'Amico, Logan Eggerding, Jeff Fischer, BreAnne Grabill, Dustin Grabill, Steve Hanson, Mitch Hiler, Jake Hunt, Nate Karsten, Jacob Kizer, Justin Krueger, Blake Mallory, James Scherer, Lucas Slagel, Jordan Swift, Jeff Tolan, Andy Tomaszewski, Mathew Warddell

## This is Michigan Law!!!

Your association must forward this to all riparians! Tentative treatment dates and notice of products to be applied must given to all riparians not more than 45 days before and at least seven days prior to the initial treatment.