



2010 Tentative Treatment Dates

PLM Lake & Land Management
 P.O. Box 132
 Caledonia, MI 49316
 616-891-1294
 Fax 616-891-0371

1. Please review the scheduled date(s) and types of treatment(s) listed below.
2. DEQ permitting restrictions, national holidays, and/or weather conditions may influence the tentative treatment dates and cause these dates to change. On the day of treatment, your lake frontage will be posted and any restrictions that apply will be listed.

Lake Columbia has been tentatively scheduled for the weeks of:

Week of Treatment	Type of Treatment	Week of Treatment	Type of Treatment
4/5/2010	Water Quality	7/26/2010	Spot Weed
5/10/2010	Survey	8/23/2010	Spot Weed
6/1/2010	Weed	9/13/2010	Water Quality & AVAS Survey
6/28/2010	Spot Weed		

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. A permit for the treatment has either been secured or will be secured from the DEQ before the work is begun.

We treat each lake according to a schedule or season plan, established with the cooperation of your lake association, lake board or residents on the lake. Due to the uncertainty of weather, the treatment schedule is approximate. Please watch your shoreline for the posting of the 8.5x11 inch, yellow, red 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.. One or more treatments involving water restrictive products may be applied. There may be spot treating of vegetation involving water restrictive products throughout the summer.

In the event that you see us spraying for algae control with copper based products, signs may be posted stating there is no restrictions. The purpose of this requirement by the DEQ is to let you know that we treated your waters and there are no restrictions. The signs used for algae treatments will be "Green" and the signs for restrictive products will be "Yellow" or "Red". Please be aware that only products approved by the State of Michigan and the Federal government are being used. We have experienced **no adverse effects on people, fish, wildlife or domestic pets since applying these products**. We anticipate using one or more of the products listed below. Please read the restrictions. Again, the restrictions that apply to the products actually used in a particular treatment will be found on the signs posted on the day of treatment.

When more than one product is used, the most strict, longest limits will be posted. These restrictions are designed to allow for the safe use of these products. Please do not encourage anyone to use the waters while these restrictions apply. **If you have any questions please contact us during office hours. (8:00 am 4:00 pm M-F)**

The X indicates what product and restrictions may apply to your water body.

X	PRODUCT/ACTIVE INGREDIENT	RESTRICTION
X	Navigate, I2,4-D	24 -hour restriction on swimming Irrigation of lawns, grasses, and turf – NO RESTRICTION Irrigation of crop, non-crop, & ornamentals – indefinite unless assay indicates 100 ppb or less Potable water – indefinite unless assay indicates less than 70 ppb
X	Renovate 3, OTF/ Triclopyr	24 -hour restriction on swimming Irrigation of established lawns & grasses – NO RESTRICTION Irrigation of ornamentals, crops, and non-crops – 120 days or until assay indicates a non-detectable level
X	Reward/ Diquat dibromide	24 -hour restriction on swimming 1 -day animal consumption of treated water 3 -day restriction of domestic water use and irrigation of turf & ornamentals 5 -day restriction on crop irrigation
X	Hydrothol 191/ Dimethylalkylamine salt of Endothol Aquathol K/ Dipotassium salt of Endothol	24 -hour restriction on swimming 14 -day restriction for irrigation, agricultural sprays, & domestic purposes
	Sonar A.S., Avast/ Fluridone	24 -hour restriction on swimming 7 -day restriction on established tree crops 30 -day restrictions on irrigation of crops, turf, plants, seedbeds, or areas to be planted. (Please refer to website for restriction updates)
X	Nautique/ copper carbonate Komeen/ copper as elemental	24 -hour swimming restriction
X	Shade/ water dye – tracer Copper Sulfate/ Pentahydrate Cutrine Plus-Ultra, Captain, Algimycin, Earthtec, Formula F-30, K-Tea/ copper as elemental Cygnat Plus/ D,1-limonene & alcohol ethoxylated fatty alcohol PolyAn/ anionic poly acrylamide polymer AquaPrep/ enzymes & non-ionic surfactants Nutrisorb, Mukk Busster, M.D. pellets/ gram negative, naturally occurring bacteria	NO RESTRICTIONS
	Green Clean Pro, Pak 27, Phycomycin/ sodium carbonate peroxyhydrate	24 -hour swimming restriction
	Green Clean Liquid/ hydrogen peroxide	24 -hour swimming restriction
	Shade/ water dye – treatment	24 -hour swimming restriction
	Aquapro, Aquaneat, Shore-Klear, Aqua Star / Glyphosate	24 -hour swimming restriction
X	Habitat, Aquapier /Imazapyr	24 -hour swimming restriction 120 - day restriction for irrigation or until assay indicates a level of 1ppb or less
X	Clearcast/Imazamox	24 -hour swimming restriction 1- day restriction for irrigation

Certified Applicators: Jason Broekstra, Darren Chase, Jaimee Conroy, Bre Grabill, Dusty Grabill, Steve Hanson, Erik Jacobson, Nate Karsten, Justin Kucharczyk, Dani Maxey, Pat McLamara, Stephanie Mervau, Lucas Slagel, Matt Swartz, Jeff Tolan, Andy Tomaszewski, Jake Ware