

2017 LAKE TREATMENT NOTICE**WATERBODY CODE: TCB1004**

PLEASE TAKE TIME TO READ THIS NOTICE: IT IS FOR YOUR INFORMATION

A GROUP OR RESIDENTS NEAR YOUR WATER FRONT PROPERTY ARE PLANNING TO HAVE THE LAKE OR WATERBODY CHEMICALLY TREATED FOR CONTROL OF AQUATIC WEEDS AND/OR ALGAE. This notice is being circulated at least 7 days in advance of the initial treatment for the season in accordance with Michigan Department of Environmental Quality (DEQ) procedures. If necessary, a permit for the treatment has either been secured or may be secured from the DEQ prior to the beginning of the treatment(s). You are receiving this notice if you are in the proposed treatment area, or if you are within 100 feet of the treatment area. In some cases we also provide this notice to persons in adjacent subdivisions as an informational service. This is also done to advise those who may have beach and/or access rights but yet are not water front property owners. **Keep this notice, as you will NOT receive additional notices for each treatment!** Our company does two types of treatments; **algae control and aquatic weed control.** **If the waterbody is being treated only for algae control using copper products, there are no water-use restrictions and this will be noted on the yellow signs posted around the shoreline of the treatment area(s) of the waterbody.** **If nuisance aquatic plants are being treated using products that have water-use restrictions (including shade/dye), the water-use restrictions will be outlined on these posted signs.** In some cases both algae and nuisance aquatic plants will be treated simultaneously. We treat each waterbody according to a schedule or season plan worked out with those in charge of the treatment program. Due to season plan differences and possible treatment re-scheduling as a result of inclement weather, please watch your shoreline for the posting of the yellow signs. This could be as early as April and possibly into October as **THE LAKE OR WATERBODY MAY BE TREATED MORE THAN ONCE EACH SEASON.** These signs will indicate the date of the treatment, the chemical(s) used, the most stringent water-use restrictions for swimming and/or the area re-entry period, and the watering (irrigation) associated with the combination of the chemicals being used. If additional treatments are done throughout the season, new signs will be posted. Only chemicals (herbicides/algacides) which have been registered for use with the Environmental Protection Agency (EPA), Michigan Department of Agriculture & Rural Development (MDARD), and approved by the Michigan Department of Environmental Quality (DEQ) are being used. The application rates of these chemicals as applied are approved for use by these agencies and are not harmful to fish or wildlife when used properly. Another requirement of our permit is that we locate wells and maintain a distance of 75 feet from them and/or 250 feet from any well less than 30 feet deep when using **Granular 2,4-D** or **Granular Endothal (Hydrothol Granular or Aquathol Super K)** products. **If you are aware of such a well, please notify our office.** If the MDARD/DEQ changes any restrictions they will be noted on the signs we post. **PLEASE READ THE SIGNS POSTED AND DO NOT REMOVE THEM UNTIL ALL RESTRICTIONS HAVE EXPIRED; THEY ARE POSTED FOR YOUR BENEFIT!**

CHEMICALS, EPA REGISTRATION NUMBERS, AND ASSOCIATED WATER-USE RESTRICTIONS (go to www.aquaticnuisanceplantcontrol.com for Product Labels/Material Safety Data Sheets)

GRANULAR 2,4-D PRODUCTS - Navigate (EPA Reg. # 228-378-8959): Do not use the treated water for swimming for 1 day. Unless an approved assay determines the concentration level is 1 ppm or less, or, only growing crops and non-crop areas labeled for direct treatment with 2,4-D will be affected, do not use the treated water for irrigating plants or mixing sprays for agricultural or ornamental plants. Unless assay indicates concentration is .07 ppm or less, do not use water from treated areas for potable (drinking) water. **Sculpin G** (EPA Reg. # 67690-49): Do not use the treated water for swimming for 1 day. Unless an approved assay determines the concentration level is 1 ppb or less, do not use water for irrigating greenhouse or nursery plants. Do not use treated water if it is intended to be used to irrigate or mix sprays for crops not labeled for direct treatment with 2,4-D unless it has been at least 21 days after application or an approved assay determines concentration level is 100 ppb or less at water intake. Unless assay indicates concentration is 70 ppb or less at the water intake, do not use water from the treated areas for potable (drinking) water/domestic use or unless it has been at least 21 days after application.

FLURIDONE PRODUCTS - Sonar Genesis (EPA Reg. # 67690-54), **Sonar AS** (EPA Reg. # 67690-4), **Sonar SRP** (EPA Reg. # 67690-3), **Sonar PR** (EPA Reg. # 67690-12), **Sonar Q** (EPA Reg. # 67690-3), **Sonar ONE** (EPA Reg. # 67690-45), **Sonar RTU** (EPA Reg. # 67690-48), **AVAST!** (EPA Reg. # 67690-30): Do not use the treated water for swimming for 1 day. Do not use treated water for watering lawns or gardens (irrigation) for 30 days. There is NO restriction on fish consumption. The yellow signs posted prior to the treatment will outline the water-use restriction details for area being treated.

GLYPHOSATE PRODUCTS - Aqua Pro (EPA Reg. # 62719-324-67690), **Aqua Star** (EPA Reg. # 42750-59), **Shore-Klear** (EPA Reg. # 228-365-8959), **Aqua Neat** (EPA Reg. # 228-365): These products are used primarily for aquatic emergent control (Lily Pads, Cattails, Phragmites, etc.). Do not use treated areas for swimming for 1 day and Do not use water for potable (drinking)/domestic use for 48 hrs.

ENDOTHAL PRODUCTS - Aquathol K (EPA Reg. # 70506-176), **Aquathol Super K (granular)** (EPA Reg. # 70506-191), **Hydrothol 191** (EPA Reg. # 70506-175), **Hydrothol Granular** (EPA Reg. # 70506-174): Do not use the treated water for swimming for 1 day. Do not use the water for household use, irrigation (lawns or gardens), animal watering (farm stock), or similar uses for 14 days.

COPPER PRODUCTS - SeClear (EPA Reg. # 67690-55), **SeClear G** (EPA Reg. # 67690-72), **Copper Sulfate: Triangle Brand-Crystal** (EPA Reg. # 1278-8), **Old Bridge Chemicals Inc.** (EPA Reg. # 46923-4), **Chem One Ltd. Copper Sulfate Pentahydrate** (EPA Reg. # 56576-1): There is a 48 hr. swimming restriction when used for Swimmer's itch control only. **SeClear** (EPA Reg. # 67690-55) **Chelated Copper: Algimycin-PWF** (EPA Reg. # 7364-09-8959), **Cutrine-Plus** (EPA Reg. # 8959-10), **Cutrine-Ultra** (EPA Reg. # 8959-53), **Cutrine-Plus Granular** (EPA Reg. # 8959-12), **Captain XTR & Captain** (EPA Reg. # 67690-9): No water-use restrictions with the use of these products. **Komeen** (EPA Reg. # 67690-25), **Komeen Crystal** (EPA Reg. # 67690-60), **Nautique** (EPA Reg. # 67690-10), **Harpoon** (EPA Reg. # 8959-54), **Harpoon Gran.** (EPA Reg. # 8959-55): Do not use the treated water for swimming for 1 day.

OTHER PRODUCTS - Aquastrike (Dipotassium Salt of Endothal/Diquat dibromide) (EPA Reg. # 70506-302): Do not use treated water for swimming for 1 day, livestock consumption for up to 14 days, up to 3 days for drinking (or concentration of Endothal acid is less than .1 ppm and .02 ppm for Diquat dibromide), and up to 5 days for irrigation purposes based on application rate. **Clipper (Flumioxazin)** (EPA Reg. #59639-161): Do not use treated water for swimming for 1 day. Do not use treated water for irrigation purposes for 5 days after each application. **Renovate MAX G (Triclopyr/Granular 2,4-D)** (EPA Reg. # 67690-50): Do not use treated water for swimming for 1 day. Unless an approved assay determines concentration level of each compound is 1ppb or less, do not use water for irrigating greenhouse or nursery plants for 120 days. Do not use treated water if it is intended to be used to irrigate or mix sprays for crops not labeled for direct treatment with both compounds unless it has been at least 120 days after application or an approved assay determines concentration level of Triclopyr is 1 ppb or less and is 100 ppb or less for 2,4-D at water intake. Unless assay indicates concentration level of Triclopyr is 400 ppb or less and 70 ppb or less for 2,4-D at the water intake, do not use water from the treated areas for potable (drinking) water or unless it has been at least 21 days after application.

Reward (Diquat dibromide) (EPA Reg. # 100-1091), **Tribune (Diquat dibromide)** (EPA Reg. # 100-1390): Do not use the treated water for swimming or livestock watering for 1 day, up to 3 days for potable (drinking)/domestic use, and up to 5 days for irrigation based on application rate. **Renovate 3 (Triclopyr)** (EPA Reg. #62719-37-67690), **Renovate OTF (Triclopyr)** (EPA Reg. # 67690-42), **Navitrol Liquid (Triclopyr)** (EPA Reg. # 8959-56), **Navitrol DPF** (EPA # 228-597-8959): Do not use treated water for swimming for 1 day. Do not use water for irrigation for 120 days unless laboratory analysis (immunoassay test) determines concentration level is less than 1 ppb. There are NO irrigation restrictions on established grasses. Do not use for potable (drinking)/domestic use unless Triclopyr concentration level is .4 ppm or less by lab test. **Habitat (Imazapyr)** (EPA Reg. # 241-426), **AquaPier (Imazapyr)** (EPA Reg. # 74477-6-67690): These products are used primarily for aquatic emergent control (Cattails, Phragmites, etc.). Do not use the treated areas for swimming for 1 day. Do not use water for irrigation for 120 days unless an approved immunoassay test determines concentration level is less than 1 ppb. Do not use for potable (drinking)/domestic use for 48 hrs. **Clearcast (Imazamox)** (EPA Reg. # 241-437): Do not use treated water for swimming or watering plants for 1 day. Do not use for potable (drinking)/domestic use for 48 hrs. **Cygnat Plus (spray adjuvant), PolyAn (spray/drift control)**: May be used in conjunction with other liquid herbicides and/or algacide products and DO NOT have any additional water-use restrictions associated with their combined uses.

If you have any questions, please contact your Homeowners Association, Township or Lake Board, or whoever may be in charge of the treatment program. If they cannot answer your questions we can be reached at the address, phone, fax, or e-mail address below.

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