

New Regulations in 2012...

Lake and pond treatments are now regulated by an NPDES Pesticide General Permit (PGP). All applications of pesticides need to be covered under this permit whether it is completed by a pond owner or a commercial applicator. The requirement to obtain NPDES permits for point source discharges from pesticide applications to waters of the U.S. stems from a decision by the Sixth Circuit Court of Appeals in 2007. In its ruling on *National Cotton Council, et al. v. EPA* the Court vacated EPA's 2006 rule which said NPDES permits were not required for applications of pesticides to, over or near U.S. waters when in compliance with the FIFRA label. Thus, it was ruled that discharges to waters of the U.S. from the application of pesticides would require NPDES permits when the court's mandate took effect on April 10, 2011. On March 29, 2011, the Sixth Circuit Court granted the U.S. EPA a six month stay. The NPDES Pesticide General Permit went into effect on October 31, 2011.

Legislative Details

EPA protects the environment and oversees the use of pesticides through the FIFRA labeling process. In order to continue to protect the tools that we have to control mosquitoes and invasive species, protect small businesses that provide the service of applying

herbicides, and prevent the duplicative effort and waste of government funds, the Reducing Regulatory Burdens Act of 2011 (HR872) was introduced to the House of Representatives in March 2011. HR872 was approved out of the House by an overwhelming, bipartisan majority 292 – 134. Fifty-seven Democrats joined 235 Republicans in voting for this important legislation. The bill was sent to the Senate for action. HR872 was passed by the Senate Committee on Agriculture sending it to the Senate Majority Leader for bringing to the floor for a vote by the full Senate. Unfortunately, the bill was blocked by two Senators resulting in no vote by the full Senate on HR872 at the time of this writing. If fully passed and signed into law, this bill will reduce regulatory burden on business and property owners by ending the threat of duplicative permit process for pesticide use and allow the application of labeled, regulated products for mosquito and other flying insect pest control, aquatic weed and algae control, aquatic nuisance animal control, and forest canopy pest control.

Each state has a little different approach to the NPDES PGP due to variances in state policies, regulations, and permits already in place. In order to comply with these new regulations, it is important to contact the governing body in your state who oversees the NPDES permitting



system. Some states do not require much for Do-it-Yourself applications to private ponds, while others do require some action in order to obtain coverage. It is important to understand if you need coverage and to comply with these regulations. If you do not comply with these regulations you could be subject to penalties of the Clean Water Act as well as being subject to civil lawsuits. A link to the NPDES PGP information for each state can be found at http://www.aquatics.org/npdes_state.htm. Aquatic Control currently provides services in several states throughout the Midwest. If you would like to have our company provide the application services, under our coverage of the NPDES PGP permits, please contact the office closest to you and we will be more than happy to help you. Aquatic Control also works with other application companies in the areas where we do not provide service. Please let us know if you are looking for an aquatic resource manager and we will do our best to find a local company for you to work with.

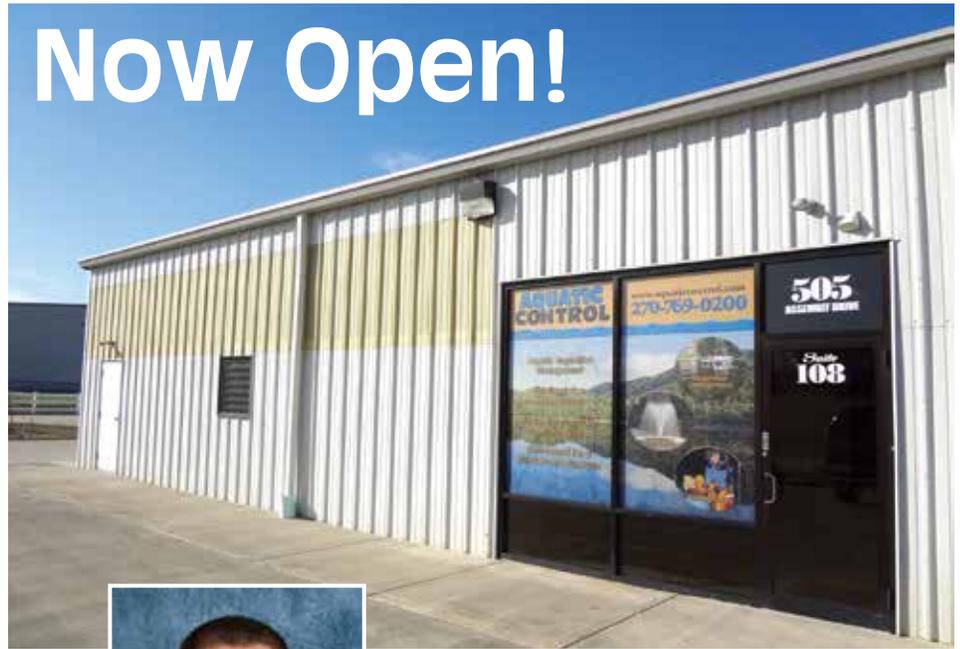
Our Kentucky Office

In 2011 Aquatic Control announced plans to open a new office location in Kentucky. This office is located in Lincoln Park Industrial Center at 505 Assembly Drive, Suite 108 in Elizabethtown, and opened for business in January 2012. Aquatic Control is proud to announce that Adam Charlton has taken on the role of managing this office.

Adam was born and raised near Centerville, IN, graduating valedictorian of his class from Lincoln High School. He went on to receive a Bachelor of Science degree in Fisheries and Aquatic Sciences with a 4.0 cumulative GPA from Purdue University. Upon graduation, Adam worked as a Fisheries Biologist II with the Florida Fish and Wildlife Conservation Commission's Eustis Freshwater Fisheries Research Lab. In July of 2009, Adam joined the Aquatic Control team at our Northern Indiana office in Valparaiso, IN. His responsibilities have included aquatic plant management, installation and maintenance of fountains and aeration systems, completion of electrofishing surveys and reports, and assisting lake and pond owners with fisheries related issues.

Aquatic Control is excited about the opportunity this Kentucky operation

Now Open!



Adam Charlton

presents in providing a local source for aquatic vegetation management. Our Aquatic Vegetation Management Services provide each client with a program tailored to their specific desires and requirements. Maintenance of lake dye levels, emergent vegetation treatment or nutrient management can be added to

programs as well at the client's request. Aquatic Control can also Custom Design a program to meet individual pond owner needs. Other services offered by Aquatic Control include Fish Population Management, Pond and Lake Aeration, and Floating Fountains. We can aid in design and installation of a diffused or floating aeration system. We can also aid in selection and installation of floating decorative fountains. Feel free to call and discuss your options with Adam at 270-769-0200. We look forward to helping you gain the most enjoyment from your aquatic resource in the years ahead.

Local Contact Information

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Northern Indiana
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866-970-5253

Kentucky
adamc@aquaticcontrol.com

270-769-0200

A Bright Idea by AquaMaster

Aquatic Control Welcomes Zachary W. Arnold



AquaMaster is proud to introduce its new energy efficient, high lumen output LED lighting for floating and fixed base fountains.

LED Lighting System consists of LED lamps housed in all stainless steel submersible fixtures, stainless steel mounting brackets, electrical controls in unit panel and 50 feet (1/2–5 HP models) or 100 feet (7.5 and higher HP models) of power cable with AquaLock quick disconnect (additional cable ordered as required).

Night Glow Lighting LED System Features Include:

- 3-year warranty including LED lamps
- Three fixture options available
 - 12 Watt LED = 90 Watt Halogen
 - 18 Watt LED = 200 Watt Halogen
 - 21 Watt LED = 350 Watt Halogen
- Significant reduction in energy consumption thus lower operating cost
- Extended lamp life (rated 45,000 hours) virtually eliminates the need to replace lamps and components thus reducing maintenance costs
- Low fixture temperature thus reducing maintenance issues
- Fixtures can be positioned out of the water for maximum illumination
- LED lamps are not subject to vibration damage as can be the case with filament type halogen lamps
- Over voltage will not reduce LED lamp life
- Stainless Steel braid underwater cable protection standard on cables between light fixtures
- Most installations require 14 gauge cable for ease of handling and reduced cable cost
- Easily replaces existing light sets
- For 480V applications, a small transformer is required
- Options such as colored lenses, sequencer and photocell are also available

Mr. Arnold is an Aquatic Biologist/Applicator at Aquatic Control, Inc., Valparaiso, IN. He was born May 15, 1987 in South Bend, Indiana and grew up in Wolcottville, IN. Zach attended and graduated Prairie Heights High School in 2006. He graduated third in his class with Academic Honors and was part of the National Honor Society. After high

school, Zach attended Purdue University where he graduated with distinction in the Spring of 2010 and received a Bachelor of Science Degree, majoring in Fisheries and Aquatic Science.

While attending Purdue University, Mr. Arnold was part of a team that researched and wrote a watershed management plan for the Upper Iroquois River Watershed in Jasper and Newton Counties. The plan was presented in an open forum where county officials, as well as citizens, were free to read and look over the plan and ask questions. The plan and presentation poster was then taken by the Jasper County Soil and Water Conservation District to be displayed and considered for possible implementation. Also during his time at Purdue, Zach was a member of the Purdue Chapter of the American Fisheries Society.

Following graduation from Purdue University, Mr. Arnold was hired as a Creel Clerk for the Indiana Department of Natural Resources (IDNR). Zach was stationed in District 1 at the Kankakee Fish and Wildlife Area in North Judson, Indiana. He spent much of his time on Koontz Lake interviewing anglers and attaining data that was later analyzed to determine what, if any, management strategies needed to be taken to increase the fishing experience of the anglers on the lake. Time not spent on Koontz Lake was spent assisting the District and Assistant District Fisheries Biologists with fishery surveys and Tier II Aquatic Vegetation Surveys. During this time, Zach became familiar with electrofishing, gill netting, trap netting, and fish and aquatic vegetation identification. In the Spring of 2011, Mr. Arnold accepted the Title of Naturalist Aide with the DNR where his duties were expanded to include trout stockings, aquatic herbicide treatments, fish aging, data interpretation, and writing standard survey reports.

Mr. Arnold began working full-time in March 2012. His responsibilities include aquatic plant management, installation and maintenance of fountains and aerators, and assisting in fish management surveys. Zach is an aquatic licensed applicator in Indiana and Illinois.



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Communication

Aquatic Control believes that good communication is a top priority in any relationship. This is also true with our customers. We are trying to take advantage of every opportunity to keep our customers more informed on what is going on in our industry, their ponds, new products, and any other important news. One of the easiest ways to do this is through e-mail communications. We would like to make sure that we have everyone's contact information up-to-date. As we move forward, we may begin to communicate with our lake maintenance contract customers via e-mail to inform them that we have done applications. We may communicate with our Do-it-yourself customers on special promotions, tips on how to control problem plants, or what might be proactive approaches to upcoming problems. This newsletter may in fact

be transitioned to an electronic version and simply e-mailed out to customers so that we can be more environmentally conscious instead of printing copies and mailing. All of these transitions take time, but this is the direction we will continue to head. In order to insure that you do not miss out on any of these transitions that take place in the future, we would like to ask you to please send an e-mail to contactinfo@aquaticcontrol.com. Please include your Name, Address, Phone and Fax numbers, current e-mail address, and any comments or requests for more information. Don't worry; Aquatic Control doesn't like junk e-mail anymore than you do. We will respect your time and not overload you with unnecessary e-mails, and we will always keep this information private for our own company use only.



Aquatic Control is pleased to announce that we are now on Facebook. Be sure to "Like Us". Please find us listed as **Aquatic Control, Inc.** Share our link with others you know who own or manage water resources.