

## Key Points from the OWQA Meeting on the Algae Bloom Crisis

During the OWQA annual meeting in November, an informative panel discussion was had regarding the Algae Bloom Crisis in Toledo OH. Matt Reese from the Ohio County Journal lead the discussion and provided an overview of the issue and key points to consider.

Some of these points included:

- Lake Erie showed signs of water quality deterioration in the late 60's. The ecology of the lake is a blessing and a curse– The Western Basin is very shallow and gets most of its sediment and nutrient influx from the agricultural lands surrounding it. The problem was solved by reducing the phosphorus to stop harmful algae growth.
- 20 years later, Lake Erie went from a 'dead lake' to the Walleye Capital of the World
- In the mid-1990s however, the dissolved reactive phosphorus concentration was steadily rising and harmful algae followed once again. By 2010, about two-thirds of the Western Basin was covered in algae. The reason why this happened is still unclear. Wildlife, agriculture, waste handling, rain and other issues have been questioned and blamed for the issue.
- Research is still being done to understand dissolved reactive phosphorus and how to manage it. Some legislation has been passed to regulate fertilizer application to see how this issue affects agriculture. Buckeye Lake is taking a unique approach to review agriculture, septic, geese, carp and waterway assessments.
- Algae is a problem in other states as well, not just Ohio. This is a water quality issue affecting everyone, not just the people trying to solve the problem. It's up to water quality association professionals to handle and clean up the problem until it's determined if preventable.



Hope you had a great holiday season and a happy new year!

We'd like to once again thank you for your partnership in 2014 and look forward to a prosperous 2015!



**DAVIS WHOLESALE  
SUPPLY, LLC.**

5845 W 82nd Street  
Suite 108  
Indianapolis, IN  
46278

Phone: 317.876.9212  
Fax: 317.876.9315

E-mail: [crae@dws-salt.com](mailto:crae@dws-salt.com)  
[www.dws-salt.com](http://www.dws-salt.com)

### Emerging Contaminants

According to the WQA, emerging contaminants including pharmaceuticals, personal care products (soaps, cosmetics, fragrances, etc) and endocrine disrupting compounds are being confirmed in the water supply.

Up to 90% of oral drugs pass through the human body and end up in our water. Endocrine disruptors may interfere with the function of hormones in the body. The EPA is working to improve its understanding of the trace amounts of these contaminants throughout the country.

Home testing for many newly discovered threats does not exist, so it is important to provide water treatment options to address them. Your customers should be aware of these emerging threats to their water supply and offer one more reason why they need a water treatment system in their home.

For more information go to:  
<http://www.wqa.org/Whats-in-Your-Water/Emerging-Contaminants>

### DAVIS WHOLESALE SUPPLY, LLC.

5845 W 82nd Street  
Suite 108  
Indianapolis, IN  
46278

Phone: 317.876.9212  
Fax: 317.876.9315  
E-mail: [crae@dws-salt.com](mailto:crae@dws-salt.com)  
[www.dws-salt.com](http://www.dws-salt.com)

### NEW ICE MELT PRODUCT

We are now carrying a new ice melt product with a great price point!

#### 50lb Industrial Blue:

- Contains sodium chloride sprayed with liquid magnesium chloride
- Also contains calcium chloride flake for instant melting power
- Blue dye indicator for easy application
- Encapsulated with SW120 corrosion inhibitor to protect surfaces
- Melts down to -10 degrees.



Call us to today for more information and pricing!

### FUN WEATHER FACTS

#### ⇒ Snow isn't always white!

In the Sierra Nevada mountains of CA, pink snow is sometimes spotted. It has been nicknamed 'watermelon snow' and is not edible. It is caused by microscopic reddish-colored algae that only lives in cold climates.



#### ⇒ Largest hail stone is 8"

The record for the largest hail stone is 8" and fell in Vivian South Dakota in July of 2010. It weighed roughly 1.94 pounds!

#### ⇒ Fastest wind gust recorded is 231 mph

It occurred during a wild storm in April of 1934 in New Hampshire.

#### ⇒ White triangles

Most of the time snowflakes form crystal patterns with six sides, but occasionally a triangular crystal forms. Usually this happens when the six sides of the seed crystals are slightly asymmetric allowing the bigger sides to hit the fast-flowing air and grow at the expense of the smaller sides. Other flake shapes can look like hourglasses, spools of thread or needles.

