**LEAD IN WATER WELL SYSTEMS**

*By Brad White, RJM Sales*

You may have seen the news over the last few weeks regarding high lead content in Flint Michigan Municipal water system and subsequently other cities in the Midwest have detected the presence of lead levels above the Federal MCL.

Lead is a metal that occurs naturally in the environment and is poisonous to humans and animals when exposed to this element and the health risks are well chronicled. The Federal guidelines call for less than 15 parts per billion to minimize any health risk.

With this new national attention due to the problems of Flint you may be questioned by your customers to find if they are at risk. Private wells seldom show any presence of lead, so as water well contractors you can typically assure them, if there is a presence of lead in their system, it is most likely not from the well or pumping equipment. The most common cause would be old galvanized piping or plumbing fixtures (faucets) that were manufactured many years ago before current MCL standards were adopted. Recently (January 2015) stricter guidelines regarding lead were enacted (through the Safe Water Drinking Act) and all manufacturers were mandated to have third party certification to prove the products we provide are "lead free"; but has been since 1986 when then President Ronald Reagan signed amendments to the Safe Water Drinking Act that banned lead in plumbing fixture that "leaded" plumbing fixtures have been used. Advise your customers that most Indiana ground water is neutral to low in pH, which makes it much less aggressive in plumbing systems that may contain the presence of lead, further you can refer them to [http://wellowner.org/lead/](http://wellowner.org/lead/). This is a great resource that you can print and hand information directly to your customer.

Homeowners that are on municipal systems aren't as lucky, as some municipalities have infrastructure that can be much older than the EPA itself! I believe you will see an effort by municipalities to upgrade their infrastructure to more modern, lead free materials as has been the case for some time now.

If there is a point to hammer home it is that the water well industry has been out in front of this for 40 years now and has been providing safe, lead free products for their customers’ wells and I think it is an important message to our customers.
Indiana Ground Water Association presents

Public Water Systems Workshop
AGENDA & Registration

March 18, 2016 — 8:00 AM to 1:30 PM (E.S.T.)

Valle Vista Conference Center
755 E. Main St. Greenwood, IN 46143

Approved for Continuing Education Hours: 3.0 Well Drillers + 3.0 Pump Installers

AGENDA
8:00 am – 9:00 am...... Registration with Breakfast
9:00 am – 10:00 am...... Well Site Surveys and Field Inspection Section, Presented by Jeff Guinn
10:15 am – 11:15 am...... Construction Permits, Presented by Kristine Taylor
11:30 am – 12:30 pm...... Statewide Ground Water Monitoring Network, Presented by Jim Sullivan
12:30 pm – 1:30 pm...... Lunch with additional question and answer time

REGISTRATION — DEADLINE IS MARCH 10.

Member Fee: $35.00 per person // Non-member Fee: $70.00 per person
This must be paid for by day of event. Refunds must be requested in writing no later than March 8.

After MARCH 10 members & non-members are $90.00 per person.

Names: ___________________________________________  ___________________________________________________

Company: _______________________________________________________________________________________

Address: _________________________________________________________________________________________

City: __________________________________________________________________  State: ____________  Zip: ____________

Phone: __________________________________ Fax: ________________________________________________

Members _______ x $35 per person = $___________

Non-Members _______ x $70 per person = $___________

Late Registration _______ x $90 per person = $___________
(after 3/10/16)

TOTAL ENCLOSED: $ ___________________

PAYMENT OPTIONS
Credit Card or Check

Credit Card:   Visa____     MC____     Discover____

Signature: ______________________________________________________________

Name on card: ____________________________________________________________

Card number: __________________________________________  Expiration: _____/_____ 

Make check payable to: Indiana Ground Water Association

Mail to: IGWA PO Box 160 Covington, IN 47932 or fax to: 765-231-4430

Questions? Call 888-443-7330 or email: ingroundwater@msn.com
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The IGWA would like to thank all of the event and break sponsors from 2015 events and our corporate sponsors. We appreciate the time, personnel and monetary expenses you incur to help make this organization work!

Thank you to all!

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$$$ Tax Time Note About Dues $$$

Part of your dues is used to support lobbying efforts. For invoices received in 2014 (for 2015 dues), this amount is approximately $20.00 per member. For invoices received in 2015 (for 2016 dues), this amount is approximately $4.50 per member. This amount is not deductible for tax persons. Depending on when your dues were paid, will depend in what year this applies. Please consult your own tax advisor on this matter for your own tax situation.

IGWA FAMILY IN BUSINESS SCHOLARSHIP

Applications Due April 30th

- Applicant must be a member, immediate family of IGWA member, employee of IGWA member, or immediate family member of employee.
- Applicant must be accepted at a college, university or trade or technical school. (Student may be full or parttime.)
- All applications must be returned before April 30. Recipients will be notified by May 15.

Visit the IGWA Website for scholarship application and information — www.indianagroundwater.org

Kokomo Pump Supply has been serving customers with integrity and dependability for 50 years. We are a WBE certified wholesaler of top quality products from nationally recognized manufacturers.
D.O.T. UPDATE

Fred McAninch, The Rig Doctors

I attended several D.O.T. workshops in Las Vegas in December. The following is effective as of December 10, 2015 by FMCSA:

1. **Hair testing:** This is coming eventually, but will not be a primary test. If have a blood or urine test, they will be able to see if you have a past history- 90-120 days back.

2. **Random drug testing:** If you get notice for a random test, by law you are supposed to get it done within 3 hours. This will be hard to enforce.

3. **ELD’S:** Electronic logs, we are exempt. Trucks over year 2000 not required.

4. **Rules of containment:** All items used for tie downs must be D.O.T. certified. Damaged items not recognized for use.

5. **Required reflectors:** reflection tape as per rules – 10’ rule on clearance lights.

6. **Distracted driving:** As a whole, no phone use or texting period. This includes at stop lights.

7. **Prescription Drug:** Medical marijuana, opiates, or any narcotic with a CDL you are not allowed to use. You cannot even drive your personal vehicle period.

8. **All businesses are required to have random drug test program in place.** Things could get hard if you do not have one.

9. **M.V.R.’s:** Motor Vehicle Records of past driving history can be priceless. Know who is working for you.

These were the items most heavily impressed on at the workshops.
Public Water Systems Workshop  
**March 18, 2016 • See page 2**

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**Calendar**

**March 2016**

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
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</thead>
<tbody>
<tr>
<td>6–12</td>
<td>National Groundwater Awareness Week</td>
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</table>
| 18   | Public Water Supply System Seminar  
Valle Vista Conference Center, Greenwood, IN  
See page 2 for details and registration. |

**April 2016**

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
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| 30   | Deadline for Scholarship application.  
Scholarship application can be found at  
www.indianagroundwater.com |

**November 2016**

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
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<tr>
<td>3–4</td>
<td>IGWA Biennial Tradeshow &amp; Educational Event, Blue Chip Casino, Michigan City, IN</td>
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**December 2016**

<table>
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<th>Date</th>
<th>Event</th>
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| 31   | Deadline for current CEU cycle to renew  
2017 license. |

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**Time for Your Annual Water Well Checkup**

**National Groundwater Awareness Week • March 6-12, 2016**

The National Groundwater Association recommends routine annual well maintenance checks to help ensure water quality and proper operation of the well. NGWA also recommends your well water be tested annually or any time there is a change in taste, odor, or appearance, or anytime the system is serviced.

To learn more, visit WellOwner.org or call NGWA customer service at 800.551.7379 (614.898.7791).

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Just a reminder that dues were due on **December 1, 2015**. Reminder invoices were sent out in January. If you have not renewed yet, please do so as soon as possible. As a member you are listed on our website for customers to find and it allows you to save on registrations to IGWA events. This is the only organization representing water well drillers in the state of Indiana.