



American Water Works
Association

IndianaSection

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FYI - Small Systems

May 2016

FYI

Greetings from the InAWWA Small Systems Committee. It's already Spring/Summer 2016, amazing how time flies. We have several informative articles in our newsletter. If you think of topics you would be interested in seeing in our newsletter, please contact any committee member listed. We hope you enjoy!

WHAT'S UP WHAT'S NEW - IDEM

By Liz Melvin, IDEM Drinking Water Branch

By now most of you know that our new Branch Chief is Mary Hollingsworth. Many of you will remember her from her inspection days and then as Section Chief of our Capacity and Operator Certification Section. She was gone from the Branch for a few years, but if you knew her back then I'm sure you remember her. She is quite memorable. Perhaps some of you remember the time she left the meeting room with her lapel microphone still on. I could tell more stories, but she is after all my boss. She is knowledgeable, approachable and fun. Can't beat a combination like that.

Two new staff members have joined the Capacity and Operator Certification Section that you should get to know. The first is Jeremy Ferguson. Jeremy moved into the position Judy Kennedy had held for many years. Judy received a promotion and a transfer to our Construction Permits Section. Jeremy will now be doing the continuing education review. All requests for continuing education training should go to Jeremy. The other new staff member in our Capacity Development & Operator Certification Section is Artemis Nikolaou. Artemis is currently assigned the project of reviewing the site sampling plans required by the Revised Total Coliform Rule. If you have questions about site sampling plans, Artemis is your contact.

The field inspector position in our Northern Regional Office in South Bend vacated by Carrie Lowe has been filled with Christine Stinson. Christine transferred from our Office of Air. A complete list of staff and sections can be found in this newsletter.

Operator Certification

The certification exam project will be in effect by April 2016. You may now begin applying to take the exam. Beginning in 2016 we will offer the paper test once per year as required by rule. The test will be given annually in Indianapolis on November 3rd with applications due by September 19th. All other testing will be at Ivy Tech locations by appointment. Please note, in 2016 we will no longer allow open books for tests.

The process to take the exams at Ivy Tech locations will not be so much different than what you have been used to. You will begin by submitting an application and fee payment to IDEM. Once you have submitted an application, submitted the appropriate fee and been approved you will receive an approval letter from IDEM. The approval letter will be good for 90 days from date of issue. If you do not test within the 90 days you will have to reapply. Once you receive the approval letter you may then schedule a computer-based test at any of Ivy Tech's 25 Certification and Workforce Assessment testing centers across the state. You can schedule and pay on-line. There is a facility charge of \$30 per exam by Ivy Tech. Applicants will have to pay that to IvyTech directly. By utilizing the Ivy Tech test centers applicants can take the test at a test center when and where it is most convenient for them. Some of the test centers have evening and weekend hours. Forms and information can be found on our web site using the following address <http://www.in.gov/idem/cleanwater/2446.htm>.

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FYI FROM THE SECTION CHAIR

By John Seever, Indiana Section AWWA Chair

Thank you for joining the Indiana Section AWWA at our Annual Conference. The move to January appears to be a positive one. We had a great program and exhibit hall and are already beginning to plan for the 109th Annual Conference in 2017. To be your elected Chair of the Indiana Section AWWA is truly a great honor.

The theme for the 2017 conference is "People and Water Together". We are currently accepting abstracts for our conference. Our Program Committee – led by Chair-Elect Randy Russell and Technical Program Chair Dylan Lambermont – are working to ensure we bring you the strongest and most relevant program possible. In an effort to keep attendees engaged in each presentation and bring to the event as much personal experience as we can, we are looking to involve operators in as many of the presentations as feasible. Case studies, panel discussions, and presentations from and with operators and superintendents are strongly encouraged.

Thank you for your continued support of our great Section. I am looking forward to this year as your Chair – we are going to have a whirlwind year with many activities and opportunities for member engagement – starting with our District meetings. For a full calendar of events, be sure to reference this issue of FYI and visit the Section's website at www.inawwa.org. I look forward to meeting with as many of you as possible throughout the year.

REVISED TOTAL COLIFORM RULE

As most of you may have heard by now the Revised Total Coliform Rule (RTCR) began April 1, 2016. IDEM has been working extremely hard to help everyone understand the rule and to assist the public water systems. The following is an explanation of who may perform a Level 1 and Level 2 assessments.

The first four hour training on how to do a Level 2 assessment was held at Indiana Rural Water Association spring conference on April 18, 2016 with more training to follow. IDEM is also pursuing on line training which might be available as early as May. You may see more information on RTCR at <http://in.gov/idem/cleanwater/2494.htm>.

The purpose of the RTCR is to prompt Public Water Systems (PWSs) to find and fix any issues which may result in a positive total coliform sample. When a treatment technique violation occurs, an assessment is required to review general water system infrastructure as well as operating and sampling protocols. If a system fails to collect and analyze at least three repeat samples for **EACH** routine Total Coliform positive or have two or more (for systems collecting less than 40 samples) Total Coliform samples (use routine and repeat results in your calculation) in one month, a Level 1 Assessment must be conducted or managed by a responsible party of the Public Water System (e.g. a certified operator for the community or nontransient noncommunity system or a manager or owner for a transient noncommunity water system). The assessor should be someone familiar with and knowledgeable enough about the PWS to be able to answer the questions on the Level 1 Assessment form or gather pertinent and correct information from others who work for the PWS. At community and nontransient noncommunity PWSs, the assessor must have a valid drinking water operator license. However, for a transient noncommunity system, a Level 1 assessment can be performed by an individual who does not have an operator's license. If desired, the manager of these very small systems may use the services of technical assistance providers, consult with certified operators from other systems, or consult with IDEM.

If a PWS has repeated occurrences of positive total coliform samples within a rolling 12 month period, or an *E. coli* MCL violation, an additional evaluation, called a Level 2 assessment, may be required. A Level 2 Assessment is a more detailed examination of the system and its operational practices, system components, and monitoring program and results.

Level 2 assessments are used to determine whether a public health threat exists or if there is a significant problem with the system that may be beyond the ability of the PWS to identify. A Level 2 Assessment includes the same elements as the Level 1 assessment, but each element is investigated in greater detail because the incidents that trigger a Level 2 assessment are of a more critical nature and are more likely to result in a direct public health impact. The level of effort and resources required to implement the Level 2 assessment will commensurate with a more comprehensive investigation and a higher level review of available information and it may involve the engagement of additional parties and expertise. A Level 2 assessment will likely involve field investigations, additional sampling and additional inspections of facilities beyond those conducted as part of the Level 1 assessment.

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WARM WEATHER CHECKLIST

After the long cold winter, it is time to prepare for the other extreme. The purpose of this article is to get you brainstorming what areas you might have in your water system or community that could experience potential problems or risk due to warm weather. Here are a few areas that we need to check in our community and water utility, we call it our Warm Weather Checklist.

PUMPS and MOTORS:

- Ventilation during summer months is critical. Equipment must be well ventilated to dissipate heat and prevent serious problems. Installation of fans or louvers in doors is very common for summertime operation in some buildings. It may be necessary to remove some of the insulation in well house ceilings to assure good ventilation.
- One of the biggest causes of premature failure of three-phase motors is the problem caused when the electrical leads at the motor become loose and short out. This happens for many reasons and thermal expansion is one of them. Heating and cooling cause unsuspected problems in many ways. It is always a good idea to check these leads during maintenance procedures.
- When temperatures rise and the equipment is being put to the test, it is very common to trip the overloads of motors due to increased current draw. The overload protection is there to save the equipment from just that, overload due to too much current draw. It is very popular to think that a failure condition is caused by weak heaters due to age.
- The effects of voltage unbalance are often overlooked. A small percentage of voltage unbalance will result in a much larger percentage current unbalance. The temperature rise of the motor operating at a particular load and percentage voltage unbalance will be greater than the motor with balanced voltage. It is necessary to understand why current overloads occur. Always have the condition checked by a qualified electrician. Never overlook an overload condition if it occurs, no matter how infrequently. It never fails that the problem will become worse when you really need the equipment.
- The operating temperature of motors during hot weather is often questioned. We find we are concerned because "I used to be able to keep my hand on it" or "the old motor never ran that hot". These are valid concerns, but the actual operating temperature should be documented either with a magnetic or infrared thermometer. Knowing the operating temperature and the ambient temperature (temperature when the unit is at rest), will help you understand the safe operating range of the motor. You will also need to know the insulation class of the motor. Usually the class rating will either be "A" or "B", maximum operating temperature of 95 degrees C (205 degrees F), and 110 degrees C (230 degrees F), respectively. These are the two most common classes of insulation.
- It makes good sense to keep the ambient temperature as cool as possible with ventilation when motors are operating in hot environments.
- Other precautions can be taken, like high temperature grease, but given the rated temperature of class "A" and "B" insulation, these measures should not be necessary. If you are ever in doubt about your equipment, always refer to the O&M manual or consult the supplier.

AERATORS, SETTLING BASINS, and FILTERS:

- Many times increased flows through settling basins have resulted in shortened filter runs or plugged filters.
- Aerators that are fouled or partially plugged only become apparent when they are pushed to maximum capacity.
- Operators of small systems need to be careful whenever they clean aerators or settling basis for many reasons
 - Personal safety
 - Cause and effect of the treatment train – what happens to one may have a direct effect on the other
- Basins that have not been thoroughly or properly cleaned result in plugged pressure filters that need additional attention.
- Chemical feed rates may need to be increased.

PRODUCTION WELLS:

- If you have not changed the oil in your vertical turbine motor in the past year, do it now and start a program where you do it this time yearly, or at least once a year.
- If you do not have a vertical motor that uses oil, grease bearings instead.
- Check stuffing boxes, if packing glands need adjusted, adjust them accordingly.
- Check any drains on pump heads or any drain lines to ensure they are draining properly.
- When weather breaks and does not fall below freezing on a daily/nightly basis, it is safe to remove heat lamps and heat tape, store this in a safe area for use next year.

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Revised Total Coliform Rule (continued)

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A Level 2 Assessment for a Community or a Nontransient Noncommunity system must be conducted by IDEM or by a certified operator employed by a PWS with the required certification or qualifications to perform the assessment. These certification or

qualifications may be found in Table 1. A level 2 Assessment for Transient Noncommunity systems can be done by a party listed in Table 2. Any person conducting a Level 2 Assessment shall not have conducted a previous Level 1 Assessment, for the same system, within a rolling 12-month period. In addition, every person who desires to perform a Level 2 assessment for any PWS is required to go through training provided by IDEM.

Table 1

Operator classifications that would be qualified to complete a Level 2 assessment at community and nontransient noncommunity public water systems after taking the approved training

Operator Classification	System Classifications to be Assessed
Class DSS	Class DSS
Class DSM	Class DSS Class DSM
Class DSL	Class DSS Class DSM Class DSL
Class WT 1	Class WT 1
Class WT 2	Class WT 1 Class WT 2
Class WT 3	Class WT 1 Class WT 2 Class WT 3 Class DSS water distribution system for a nontransient noncommunity water system serving five hundred (500) or fewer individuals Class DSS water distribution system for a community water system serving one hundred (100) or fewer individuals
Class WT 4	Class WT 1 Class WT 2 Class WT 4 Class DSS water distribution system at a nontransient noncommunity water system serving five hundred (500) or fewer individuals Class DSS water distribution system at a community water system serving one hundred (100) or fewer individuals
Class WT 5	Class WT 1 Class WT 2 Class WT 4 Class WT 5 Class DSS water distribution system at a nontransient noncommunity water system serving five hundred (500) or fewer individuals Class DSS water distribution system at a community water system serving one hundred (100) or fewer individuals

All of the above listed certified operators that have completed the required IDEM Assessment training may conduct Level 2 assessments at any transient noncommunity PWS supplied by ground water. A Level 2 assessment at a transient noncommunity PWS supplied by surface water or ground water under the direct influence of surface water must be done by IDEM staff or a WT4 or WT5 operator with the required IDEM Assessment training.

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WARM WEATHER CHECKLIST (continued)

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- Remove insulation from around discharge piping if it has gotten wet, this helps prevent mold from starting to grow.
- If you have noticed any issues pertaining to well production or maintenance, fix it now as you will not have sufficient time when peak demand season starts.
- While you are at your well checking these other items, put a pressure gauge on well and record operating pressure, this will establish a base line for the year and if you think you are having a problem you can start by checking pressure at well and from there go into other trouble shooting items.
- Check air release to ensure operating properly and did not freeze and fail over winter.
- If equipped with a valve vault, open up and air out, if not equipped with sump pump this would be the time to pump it out and check fittings and piping to see if you have any leaks or other issues.

HYDRANTS:

- Bi-annual flushing
- Checking oil reservoirs/grease
- Greasing caps (food grade grease preferred)
- If hydrant is operational
- Hydrant valve is on all the way
- Verify hydrant is in data base (hydrant card)
- Overall Condition
- Does it Drain?

VALVES:

- Accessible
- Operate correctly (close and open)
- Verify valve is in data base (valve card)
- Location

TOWERS:

- Secured
- Screens are on overflows and no obstructions (bee nests, or ladybugs!!)
- If equipped, is aircraft warning light operational?
- Outside appearance (does it need power washed, painted?)

EMERGENCY STOCK ITEMS:

- Repair Clamps
- MJ Sleeves
- Compression Fittings
- Roll Plastic
- Lids and Rings
- Saddles(3/4 and 1")
- Valve Boxes (tops and bottoms)
- Back-Up Generators (pull behinds, portables, etc.)

SECURITY NEEDS:

- While conducting warm weather inspections, this would be a good time to check security needs for each site.
 - Secure accessways with chains and/or locks
 - Clear fences and make sure they are properly maintained
 - Close and lock gates
 - Make sure any security or alarms are all operational

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Revised Total Coliform Rule (continued)

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Table 2

Third parties qualified to perform a Level 2 assessment at a transient noncommunity water system

Operators with classifications listed in Table 1
Technical assistance provider such as a circuit rider
A supervisor or manager from the public water system supported by other experts or employees of the system

All third party personnel listed in Table 1 or Table 2 need to complete assessment training provided by IDEM prior to performing a Level 2 assessment. Level 2 assessments may also be performed by IDEM staff.

Certified Operators who are NOT eligible to complete Level 2 assessments are:

- Operators-In-Training
- Any certified operator who has NOT completed the required training by IDEM
- A Facility Specific Operator *

TOTAL WATER SOLUTIONS—ANOTHER GREAT RESOURCE FROM AWWA

Today, water is not easily divided into different disciplines, and water professionals increasingly must understand and manage water in all its stages. AWWA has the information and experts to help you effectively and efficiently manage water from source to tap to reintroduction into the environment. AWWA is your source for Total Water Solutions—<http://www.awwa.org> and click on the Total Water Solutions tab.

Resources and Tools

- Water Knowledge
- Water Utility Management
- Standards
- Buried No Longer
- Water Infrastructure Finance & Innovation Authority
- Hydraulic Fracturing
- Annual Conference & Exposition



Sources for the Water Sector

- Asset Management—Explore tools that assist the water sector with asset inventory, repair, replacement or renewal decisions and financing.
- Wastewater Operations – Get information on utility management, operator certification, and Standards, including new ANSI/AWWA B130, Membrane Bioreactor Systems.
- Reuse Programs – Check out Standards, the *Planning for the Distribution of Reclaimed Water* manual, conference programming and many volunteer opportunities.
- Stormwater Management – Find information on green infrastructure, MS4s, source water protection and conference programming.
- Emergency Preparedness – Learn from expert water professionals how to protect your utility and realize the benefits of WARN and industry Standards containing Department of Homeland Security Safety Act Certification.
- Drought – Participate in the AWWA Drought Study, find program-specific best practices in the *Drought Preparedness and Response* manual, and attend conference sessions that help utilities mitigate the effects of drought.

WHAT'S UP WHAT'S NEW (continued)

(Continued from page 1)

At the Ivy Tech test centers you will be asked to leave all personal belongings in a locker. Calculators, pencils, formula sheet, and scratch paper will be provided. Each test is scheduled for 3 hours. Applicants will take the test on a computer. The exam program will allow the test taker to answer the questions, answer the question but mark it for review, or skip the question by marking it for review. At the end of the test the questions marked for review will come back up allowing the test taker to review their answer or mark an answer. The test will be automatically scored and the unofficial score provided to the test taker on site at the end of the test. Examinees will receive official notification and credentials from IDEM shortly thereafter. Another advantage to the computer based testing is the elimination of the scantron sheets. No more issues with transferring answers or incomplete erasures. You may still review your test at IDEM. You have 60 days to review the test. If you do not receive a passing score and wish to retest, you will have to resubmit your application at least 45 days before you plan to reschedule a test date. If you have questions or concerns please feel free to contact me or Ruby Keslar.

Revised Total Coliform Rule

Reminding you again, the Revised Total Coliform Rule (RTCR) became effective on April 1, 2016. The RTCR applies to all public water systems (PWS). While most community systems have site sampling plans on file with us, all non-community systems are now required by this rule to submit sampling plans. The RTCR has an additional requirement to identify sites for routine **and repeat** sample monitoring sites upstream and downstream. The plans were due March 31, 2016 with April 1, 2016 as the effective date of the rule. Systems will now be required to collect 3 repeat samples after a positive sample result: one from the original tap, one from a location within five service connections upstream and one from a location within five service connections downstream. All of these locations must be identified on your site sampling plan. The RTCR specifically allows dedicated sampling stations as sites for collecting coliform samples. So if it is feasible for your system, you may want to consider dedicated sampling stations to reduce your risk of bad samples due to poor locations. If you have not submitted your site plans you should do so immediately. Please submit them to Artemis Nikolaou. You may email them to her at anikolao@idem.in.gov or send them to her by mail at Artemis Nikolaou, IDEM – DWB, 100 N. Senate Ave MC 66-34, Indianapolis, Indiana 46204. She can be reached by phone at 317/234-7459.

Through an emergency rule adoption the federal rules have been adopted by reference for now and will be amended to include specific Indiana references once our rule language has been reviewed and put in the appropriate format to be final adopted. You can find more information regarding the RTCR on the EPA web site at the following addresses.

<http://water.epa.gov/lawsregs/rulesregs/sdwa/tcr/upload/epa815b13001.pdf>
http://water.epa.gov/lawsregs/rulesregs/sdwa/tcr/regulation_revisions.cfm#revisedfinal

On our web site at this address <http://www.in.gov/idem/cleanwater/2494.htm> you will find instructional and training guides. There is a new booklet for transient non-community systems that is a good primer for anyone but may be helpful to you when explaining the rule to your customers. It can be found at http://in.gov/idem/cleanwater/files/dw_compliance_transient_pws_booklet.pdf there is also a handy poster at http://in.gov/idem/cleanwater/files/dw_compliance_transient_sampling_reqs.pdf There are templates for site sampling plans, information on seasonal systems, along with general information on the RTCR. You can also find staff contact information on our web page if you want to speak directly to drinking water staff. We have several presentations scheduled around the state over the next few weeks and we can add more presentations if necessary. We have been spreading this message for a couple of years now and hit it hard for over past year, but now it's crunch time for systems. Please don't hesitate to call if you have questions. Remember if you're successful; we're successful.

Sanitary Surveys

We wanted to just remind everyone that after a sanitary survey has been performed you will receive an inspection summary letter. If there were any deficiencies noted, you **must** respond within thirty (30) days. You should provide details regarding the correction of the deficiencies or a timetable for compliance. If you have corrected the deficiencies a picture tells a thousand words. Send photos of the completed work and a short narrative to link it to the noted deficiency. You may send the response by email to your inspector. Contact information for the inspectors is included in this newsletter.

Lead & Copper

You all have heard of the problems with lead and copper in our neighbor state. Indiana has an effective program and concerns are addressed as necessary. But this got us to thinking that a little updating would be in order. The Lead & Copper rule was first implemented in 1991. At that time systems were asked to identify a pool of sample sites based on a 3 tier method. The public water system was to collect samples from Tier 1 sites unless there are not sufficient sites in this tier, and then Tier 2 sites may be used. If there are not sufficient Tier 1 and Tier 2 sites then Tier 3 sites may be used. Since the time of the rule implementation community and non-transient non-community systems have been collecting samples according to their schedules. So how long has it been since you reviewed your sampling sites? Things change; old houses make way for new

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WHAT'S UP WHAT'S NEW (continued)

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houses; plumbing is updated and so must your plans be updated. To make sure everyone is monitoring from the proper locations we have asked community systems to complete a Lead and Copper Sample Site Collection Criteria worksheet and return it to us. We will be asking the same of the non-transient non-community sites shortly. We sent mail regarding the sample site selection criteria on March 2nd 2016 and a service line questionnaire was emailed on January 7th and February 16th 2016. If you didn't get the information or you have questions you should contact Matt Prater at 317/234-7437 or at mprater@idem.in.gov. You may also email this information to DWBAGR@idem.in.gov.

I'll give you definitions of the Tiers. Tier 1 includes single family structures that contain copper pipes with lead solder which was installed between 1983 through 1988, or contain lead pipes, or is served by a lead service line. Tier 2 included multi-family structures and buildings that contain copper pipes with lead solder which was installed between 1983 and 1988, or contain lead pipes, or are served by a lead service line. Tier 3 includes single family structures that contain copper pipes with lead solder which were installed prior to 1983. There may be some caveats and nuances to this, but basically this is what you are looking for to determine your sites. You can get more information about EPA's goal of target homes/buildings that are at high risk of lead and copper contamination by looking at the Code of Federal Regulations at 40 CFR 141.86(a) <https://www.gpo.gov/fdsys/pkg/CFR-2003-title40-vol20/xml/CFR-2003-title40-vol20-chapI-subchapD.xml> Words of advice, as you review your system to determine sites, please make sure you add this information to any distribution maps you have.

ARE YOU REPORTING YOUR NPDES DATA ACCURATELY?

The entire NPDES program depends on self-monitoring. That means that the Indiana Department of Environmental Management (IDEM) and the United States Environmental Protection Agency (U.S. EPA) relies exclusively on the data you are gathering every day to determine what is being discharged to our rivers and streams. For this reason, it is very important that this data is accurate. Falsified data undermines the entire NPDES program and makes everything we do meaningless.

What happens when the permittee reports effluent limit violations? Reporting effluent limit violations could result in a marginal or unsatisfactory inspection rating, a violation letter, or if excessive numbers of violations an enforcement action. This is the permittee's way of telling us there is a problem at the WWTP. Then as regulators we tell you to fix the problem.

What are the consequences of reporting false data on monthly reports? Operator will lose his/her wastewater operator's license. If criminal action is taken the operator can also face monetary fines and jail time for submitting false data. The consequences are too serious to even consider submitting false data. Operators do get caught and do face these serious penalties for submitting false data.

WARM WEATHER CHECKLIST (continued)

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RESERVOIRS and DAMS:

- Inspect for cracks, etc.
- Check for algae growth
- Check rip-rap for erosion, replacement, etc.
- Remove vegetation

MISCELLANEOUS ITEMS:

- Power Surge Protectors
- Back-Up Power Sources (generators, batteries, etc.)

Good intentions may result in compromised water quality if we don't pay attention to details.

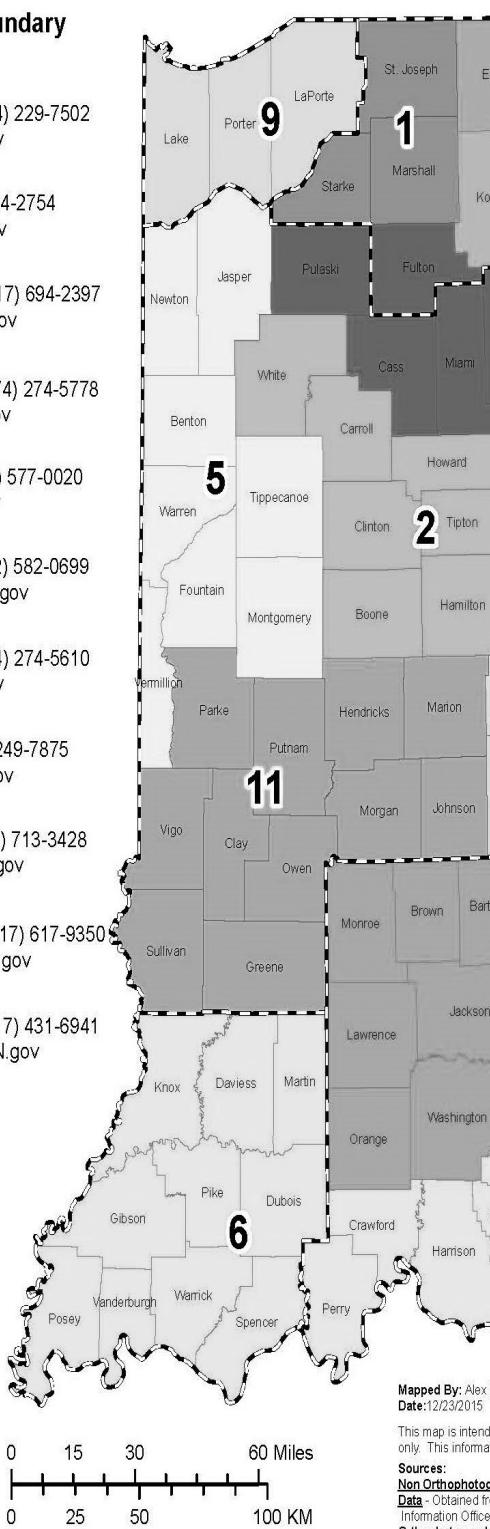
Having said all this, it is important to remember that preventative maintenance is necessary for every type of equipment we use in order to get the service life that it was intended to give.

Safety has to be at the forefront of all that we do. This is especially true when dealing with the electrical components of our treatment facilities.

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Mapped By: Alex Riddle, Office of Water Quality
Date: 12/23/2015

This map is intended to serve as an aid in graphic representation only. This information is not warranted for accuracy or other purposes.

Sources:

Non Orthophotography:

Data: Obtained from the State of Indiana Geographical Information Office Library

Orthophotography: Obtained from Indiana Map Framework Data (www.indianamap.org)

Map Projection: UTM Zone 16 N **Map Datum:** NAD83

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Christopher.harrison@amwater.com

Northwest District Trustee
Mark Geskey, City of Valparaiso
219-462-3800
219-4692-8617 - Fax
mgeskey@valpo.us

Southeast District Trustee
Shawn Kietzman, Sensus USA
812-767-9253
Shawn.kietzman@sensus.com

Southwest District Trustee
Todd Williams, Water Solutions
waterplantwater@gmail.com

IDEM OFFICE OF WATER QUALITY—DRINKING WATER BRANCH

Mary Hollingsworth, Branch Chief Virginia Harris	317-232-8741 317-234-7430
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COMPLIANCE SECTION PHONE LIST

Al Lao, Section Chief Susan Fulford, AA FAX	317-234-7457 317-234-7535 317-234-7436
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Total Coliform Rule (TCR), Revised Total Coliform Rule (RTCR), Ground Water Rule (DBPR)

Sandra DeCastro	317-234-7444
Ceazar Natividad	317-234-7446
Wilfredo De La Rosa	317-234-7445
Jane Roberts	317-232-8198

Interim Enhanced Surface Water Treatment Rule (IESWTR), Surface Water Treatment Rule (SWTR), Consumer Confidence Report (CCR)

Yasser Elkhatib	317-234-7451
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VFC (Virtual File Cabinet)

Susie Fulford	317-234-7435
Sara Pierson	317-234-7452
Casey Davidson	317-234-7443

Nitrate/Nitrite, SOC's, VOC's, Lead and Copper, Waiver Package Radionuclides, IOC's, Disinfectants & Disinfection By-Products Rule

Stacy Jones	317-234-7454
David Forsee	317-234-7442
Peter Poon	317-234-7441
Matthew Prater	317-234-7437

System Inventory and New System Notification

Sara Pierson	317-234-7452
Casey Davidson	317-234-7443

Database Maintenance, SDWIS, Data Requests

Wayne Wang	317-234-7455
Sara Pierson	317-234-7452
Matthew Prater	317-234-7437

CONSTRUCTION PERMITS SECTION PHONE LIST

Marc Hancock, Section Chief Jackie Holland, AA FAX	317-234-7434 317-234-7425 317-234-8106
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Construction Permits

Lance Mabry	317-234-7423
Heidi Nassiri	317-234-7422
Judy Sullivan (NOI's)	317-234-7419
Kristine Taylor	317-234-7421

Cross Connection Control Program

Marc Hancock	317-234-7434
Phil Hiestand (Backflow Tester License)	317-234-7428
Judy Sullivan (Backflow Tester License)	317-234-7419
Kristine Taylor (Program Manager)	317-234-7421

CAPACITY DEVELOPMENT SECTION PHONE LIST

Liz Melvin, Section Chief Virginia Harris, AA FAX	317-234-7418 317-234-7430 317-234-7462
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Operator Certification Program

Ruby Keslar	317-234-7431
Denny Henderson	317-234-7429
Phil Hiestand	317-234-7428

Capacity Development

Phil Hiestand	317-234-7428
Artemis Nikolaou	317-234-7459
Carrie Lowe	317-234-7426

FIELD INSPECTION SECTION PHONE LIST

Jeff Guinn, Section Chief	317-234-7461
Julie Vanaman, Secretary	317-234-7477
FAX	317-234-7462
Senior Environmental Managers	Field Inspectors
Paul Mahoney	Carolyn Chappell
Kari Maxwell	Kevin Gaughan (NWRO)
Alex Powers	Karla Goodman (SWRO)
	Travis Goodwin
	Marilyn (Susie) Hutsler (SRO)
	Glen Lechlitner
	Rob McLaughlin
	Alan Melvin
	Christine Stinson (NRO)
	Lucio Ternieden (NRO)
	317-694-2397
	219-713-3428
	812-582-0699
	317-431-6941
	812-249-7875
	765-577-0020
	317-617-9350
	317-694-2754
	574-274-5778
	574-274-5610

GROUND WATER SECTION PHONE LIST

Jim Sullivan, Section Chief	317-234-7476
Julie Vanaman, Secretary	317-234-7477
FAX	317-234-7462
Hoosier Water Guardian Program	Ground Water Quality Standards
Christian Walker	Jim Sullivan
	317-234-7476
Source Water Protection / Wellhead Protection	Field Geology / Network and Basin Ground Water Studies
Samuel Blazey	Jim Harris
Alex Riddle	Alex Riddle
Christian Walker	Kevin Spindler
	317-234-1221
	317-234-5025
	317-234-3243
Private Well Complaints / Ground Water Quality Concerns	PWSS Well Location / Wellhead Proximity Determination
Jim Harris	Samuel Blazey
	317-232-8728
Chemistry	Source Water Assessments
Mitt Denney	Alex Riddle
	317-234-5025

OTHER

EPA Safe Drinking Water Hotline	800-426-4791
Drinking Water Watch (DWW) Website	http://myweb.in.gov/IDEM/DWW/
Revised Total Coliform Rule (RTCR)	http://in.gov/IDEM/cleanwater/2494.htm

**Small Systems Committee
INDIANA SECTION AWWA**

5265 East 82nd Street, #310
Indianapolis, IN 46250

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Indiana Section AWWA:
www.inawwa.org

**American Water
Works Association:**
www.awwa.org

**EPA Drinking
Water Hotline:**
www.epa.gov/OGWDW



MARK YOUR CALENDARS!!

To add dates to this section,
contact any Small Systems
Committee Member.

June 8 - 10, 2016 – Indiana Water Resources Association – 2016 Symposium – Potawatomi Inn at Pokagon State Park - Angola, Indiana. Contact: Jeff Martin at 317-600-2748 or visit their website at www.iwra.info

June, 2016 – Water Buffalos – Ride With Purpose To Benefit Water For People – Contact: the Buffalos at the Ride with Purpose website at www.ridewithpurpose.org. Note: Sponsorship deadline May 1, 2016

June 20 – 23, 2016 – AWWA Annual Conference and Exposition (ACE'16) – Chicago, Illinois. Contact: www.awwa.org. The Indiana Section AWWA is planning a one-day bus trip to ACE'16 on Tuesday June 21st for Operator Day. Contact: Dawn Keyler at 866-213-2796 (toll free); or visit the InAWWA website at www.inawwa.org for more information.

June 30, 2016 – Indiana Rural Water Association – Operator Symposium South – Utility Supply Co.; Huntingburg, Indiana. Contact: Odetta Cadwell at 317-402-7349; MaryJane Peters at 866-895-4792 (toll free); or visit the IRWA website at www.indianaruralwater.org

July 19, 2016 – Indiana Rural Water Association – First Aid / CPR / AED Training; Monroe, Indiana. Contact: Odetta Cadwell at 317-402-7349; MaryJane Peters at 866-895-4792 (toll free); or visit the IRWA website at www.indianaruralwater.org

July 21, 2016 – Indiana Section AWWA, along with Indiana Rural Community Assistance Program, AWWA, and EPA – Small System Operator Training To Achieve/Maintain Compliance With The Safe Drinking Water Act – Brown County Government Center; Nashville, Indiana. Contact: Dawn Keyler at 866-213-2796 (toll free); or visit the InAWWA website at www.inawwa.org

July 27, 2016 – InAWWA Annual Golf Outing (to benefit Water For People) – Indianapolis, Indiana. Contact: Dawn Keyler at 866-213-2796 (toll free); or visit the InAWWA website at www.inawwa.org

August 3, 2016 – IRWA / InAWWA Operator Boot Camp North – Miami County Fairgrounds; Peru, Indiana. Contact: Odetta Cadwell at 317-402-7349; MaryJane Peters at 866-895-4792 (toll free); or visit the IRWA website at www.indianaruralwater.org

August 6, 2016 – Sunset Cruise in Syracuse To Benefit Water For People – Syracuse, Indiana. Contact: Dawn Keyler at 866-213-2796 (toll free); or visit the InAWWA website at www.inawwa.org