



FYI - Small Systems

Small Systems Committee
INDIANA SECTION AWWA

Volume 2, Issue 2

January, 2003

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FYI

Greetings once again!! There are a lot of important items in the next few months.

Legislative -- There are a number of issues that could impact small systems. Please refer to the 2003 Legislative Outlook article and follow these issues closely throughout this upcoming session. **Your voice needs to be heard by your legislators.**

You can track these issues by visiting the Water Utility Council portion of the Indiana Section AWWA website on a regular basis.

Vulnerability Assessments – There are a number of tools

and resources available to help you through this important task and they are discussed in this issue. Be sure to check with legal counsel before beginning your process to assure that matters of confidentiality are properly addressed.

AWWA Annual Conference – We hope you will attend the AWWA Annual Conference in Indianapolis at the Adam's Mark Hotel (airport) on February 17 – 20. Doug Perry, Water and Wastewater Superintendent of Goshen and the incoming Section Chair, has put together a great program.

In addition to a number of topics that are specifically relevant to small systems, there is the opportunity to learn about the latest advances in technology and design from the many vendors that will be in attendance as well. If you are unable to make the entire conference, please consider attending for just one day.

We continue to seek your input on this publication. Please feel free to contact any member of the Small Systems Committee or AWWA Board with comments or suggestions.

WHAT'S UP WHAT'S NEW - IDEM

The results of the November certification exam have been mailed. The certification cards are on the way for those applicants who passed the test. Unofficial results show the following:

Class	Applicants	passed	pass rate
Total	246	143	58%
OIT	17	10	59%
WT1	4	2	50%
WT2	29	18	62%
WT3	45	32	71%
WT4	7	4	57%
WT5	18	4	22%
DSS	27	25	96%
DSM	34	21	62%
DSL	51	26	51%

Anyone who failed the November exam can call 317/308-3307 or 317/308-3305 to make an appointment to review their exam. The deadline for review is February 14, 2003. Any questions regarding the test results must be submitted in writing.

The next exam date is Friday, May 16, 2003. All applications for the May 2003 exam must be postmarked no later than midnight April 1, 2003. The fall exam date is November 14,

2003, with the deadline of September 30, 2003 for applications. Late or incomplete applications will not be considered. Please make sure your application is on time, complete, and contains all appropriate signatures and relevant experience.

Operational Rules

The operational rules are moving along. The workgroup has completed all sections of the draft. We will now begin to fine-tune the draft. Participation from operators of small systems is still lacking. Please contact us if you would like to participate. You may attend in person or review by mail. Copy of the draft rule may be obtained from our web site at

www.IN.gov/idem/water or by contacting Mary Hollingsworth at 317/308-3318. The next workgroup meeting is scheduled for January 23, 2003, at the Drinking Water Branch offices at 2525 North Shadeland Avenue, Indianapolis.

LT1 – The following are excerpts from the first in a series of five short articles developed by the EPA's Office of Ground Water and Drinking Water, that summarize key components of

(Continued on page 5)

FYI FROM THE SECTION CHAIR

NEWSFLASH! INDIANA SECTION AWWA ANNUAL MEETING NOT JUST FOR LARGE SYSTEMS!

Contrary to an often held belief, the Annual Section Meeting has a lot to offer for water systems of all sizes. Last year, 1,331 water professionals took part in the conference setting a new record for attendance, and we expect another strong showing in 2003. Many of the technical sessions and seminars are designed with the needs of small and medium systems in mind. The information presented will give you tools you need to manage many of the challenges we face in the water industry today.

The meeting will be February 17-20 at the Indianapolis Adams Mark Hotel near the

airport. In addition to the technical program, ample opportunity to network in the exhibit hall will be provided. This allows access to the latest information about products and services you need to make your water system the best it can be.

I'd also encourage you to invite Board Members and Mayors to the meeting to familiarize them with the issues we face in providing a safe and plentiful water supply. Many elected officials are unfamiliar with the importance of continuing education, and there is no better way to help them understand than by having them join us for the annual meeting.

Speaking of elected officials, we will again host a legislative reception Monday evening at the Hyatt Regency Downtown. Contact and encourage your House and

Senate legislators to attend. It's imperative that the voice of the drinking water industry be heard.

From the Monday pre-conference seminars through the closing on Thursday morning. I am sure you will find the conference interesting and informative. Also, be sure to catch our keynote speaker, Joe Tiller, Head Football Coach of the Purdue Boilermakers, at the Tuesday luncheon.

I'm looking forward to seeing you there!

Sincerely,

James R. Williams
Chair
Indiana Section AWWA

INDIANA'S LEGISLATIVE OUTLOOK FOR 2003 (EDITED VERSION)

Editor's Note: This article, in its entirety, appears on AWWA's website. This article was written in December, 2002 by Larry Landis of Marketrends. Since that time, Larry was appointed by Governor O'Bannon to serve on the Indiana Utility Regulatory Commission.

In December, Governor O'Bannon and Lt. Governor Kernan announced a one and a quarter billion dollar economic development program dubbed "Energize Indiana."

In making the announcement, the Governor noted:

"It is imperative that we diversify our economy to ensure that Indiana citizens suffer less in future recessions, our citizens' quality of life continues to improve and state government has adequate resources to maintain vital services...it is also imperative that we keep a steady hand on the tiller, providing reliable services even in difficult times, so the state remains attractive to businesses considering expanding or locating here – and thus creating jobs here."

The "Energize Indiana" program includes:

- \$360 million to create the Indiana Growth Fund, to fund technology based growth
- \$200 million for K-12 education
- \$135 million to fund scholarships for college students in targeted industrial areas
- \$100 million to fund "alternate" investments (venture capital, real estate and corporate buy outs) designed to grow local companies
- \$100 million to fund low -rate financing of public and private projects to develop the infrastructure to support high-wage, high skill jobs.
- \$75 million to fund university research construction projects
- \$60 million for extended unemployment benefits
- \$50 million to modernize and simplify the state's unemployment system
- \$50 million for skills assessment, workforce development and job matching
- \$42 million for rural and small-town economic development
- \$40 million for development of technology parks and centers

The best hope of securing passage of key legislation from the drinking water industry's perspective is to secure support of key legislators and seek passage early in the session. As a benchmark, bills which have not passed the house of origin (i.e., the house in which the bills were introduced) by mid-to-late February are unlikely to pass.

For a general background on most of the key bills of interest to the drinking water industry, go to the Indiana Section AWWA Web site and find the Water Utility Council "home" page...or go directly to www.mktds.com/wuchome. In the briefing paper on Legislative Priorities for 2003, you will find many of the issues which are touched upon (below) discussed in greater detail.

From the perspective of the drinking water industry, **IDEM funding** will continue to be a concern. It is likely that the proposal from last year will be revived, which called for a levy assessed on all public water systems to fund the Drinking Water branch. While the industry was generally supportive, the proposal was modified during the 2002 budget battle and half of the money the levy was intended to raise would have been diverted to the General Fund.

Revolving Loan Fund and administration will also be issues. For the past several years, making certain the state appropriates sufficient money to qualify for all Federal dollars available to fund the RLF is a top priority. Last year, two proposals were offered (SB 192 and SB 195) which would have stripped IDEM of input regarding fund allocation. The Indiana Section AWWA expressed strong reservations about both proposals.

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IDEM

GROUND WATER SECTION CONTACTS

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Sue Allen-Long	308-3326

GROUND WATER TASK FORCE

Gregg Lemasters	308-3327
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GROUND WATER QUALITY STANDARDS

Martha E. Clark	308-3388
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PRIVATE WELL COMPLAINTS / GROUND WATER QUALITY CONCERNS

Jim Harris	308-3325
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FIELD GEOLOGY / NETWORK AND BASIN GROUND WATER STUDIES

Mike Yarling	308-3330
Gregg Lemasters	308-3327

PWSS WELL LOCATION INFORMATION

Bob Hamilton	308-3323
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CHEMISTRY LAB

Mitt Denney	308-3324
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SOURCE WATER ASSESSMENT

Lance Mabry	308-3319
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OTHER NUMBERS

EPA Safe Drinking Water Hotline
800/426/4791

www.epa.gov/safewater

IDEM Environmental Helpline
800/451-6027

DNR
877/928-3755

DNR Water Well Record on line web site:

www.state.in.us/dnr/water/waterwell

All phone numbers are area code 317
unless otherwise indicated.

To e-mail employees at IDEM, just take
their user ID (located between their name
and phone number) followed by
@dem.state.in.us

www.IN.gov/idem/water/compbr/index

www.IN.gov/idem/water/dwb/index

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AWWA MENTORS PROGRAM

The persons listed below have volunteered to be primary contacts as part of our "Mentors Program". Please contact any of them for advice and information. If these primary mentors are unable to assist you, they will direct you to others that can. Additionally, you may contact any of the Small Systems Committee members, AWWA Officers, or District Presidents. Mentors and others will speak to you as peers only. Please keep in mind that IDEM has final regulatory oversight.

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VULNERABILITY ASSESSMENTS FOR SMALL WATER SYSTEMS

Authors: James B. Conboy, Director of Security Services, Malcolm Pirnie, Inc.
Patrick Flannelly, Manager of Security Services, Malcolm Pirnie, Inc.
Wendy Stoveland, Security Services Coordinator, Malcolm Pirnie, Inc.

Malcolm Pirnie, Inc. is a full service environmental consulting firm with offices nationwide. For more information about Malcolm Pirnie, please visit their website at www.pirnie.com.

The Bioterrorism Act of 2002 requires that all drinking water systems conduct vulnerability assessments for submittal to the USEPA within a set timeframe. Systems serving 50,000 to 99,000 are due December 31, 2003; and systems serving 3,301 to 49,999 are due June 30, 2004.

To date, the EPA has focused primarily on supporting very large drinking water systems (serving 100,000 or more people), both financially and with the vulnerability assessment process. In formulating a water security strategy for systems serving populations less than 100,000, USEPA has stated it "is interested in a flexible implementation strategy that takes into account local and regional circumstances and builds upon other security initiatives or requirements (e.g., activities supported by other federal agencies such as U.S. Health and Human Services counter-terrorist preparedness) while at the same time establishing clear and measurable accomplishments."

Further direction from USEPA has come in the form of a listing of "probable threats" to be considered and guidance to Community Water Suppliers through the newly launched WaterISAC system. The WaterISAC was officially launched in December 2002. This highly secure Internet portal is touted as "the best source for sensitive security information and alerts to help America's drinking water and wastewater community protect consumers and the environment." It is currently the only centralized resource that gathers, analyzes and disseminates threat information that is specific to the water community. The WaterISAC enables fast and cost-effective access to sensitive information about cyber, physical and contamination issues. *(For more information go to website at www.WaterISAC.org)*

Most recently, USEPA representatives have stated they will be primarily concerned with ensuring all Vulnerability Assessments submitted have addressed all of the elements required by law and that they were conducted using a nationally recognized performance-based methodology.

Considering this, before embarking on any vulnerability assessment activities, small and medium drinking water suppliers should consider the following:

1. Consult with legal counsel regarding federal and state freedom of information act issues. The Bioterrorism Act exempts vulnerability assessments from disclosure under the federal freedom of information act, but not state and local right-to-know laws. Most of these state and local laws, however, have comparable exemptions for important, security-related information. The Indiana Section of the AWWA is actively sponsoring revised legislation to protect vulnerability assessments performed by Indiana water utilities. Until such time as this legislation is adopted, the "Open Door Law" [[Indiana Code 5-14-1.5](#)] must be reviewed for impacts to confidentiality of the vulnerability assessment report.
2. Become familiar with accepted methodologies and tools and pick the one (or combination) that best suits your facility and staff needs. Current methodologies in use include:
 - a. **The Risk Assessment Methodology for Water Systems (RAM-WSM)**. Developed by AWWARF and Sandia National Laboratory; sponsored by the USEPA, this methodology has been the most frequently used by large water utilities. Modified from a proven methodology for nuclear power facilities, this indepth system of identifying and prioritizing critical assets in the context of supporting a given facility's mission is time consuming and is best suited for complex, multi-facility systems serving a large population.
 - b. **The Vulnerability Self-Assessment Tool (VSATTM)**. This tool promises to provide a comprehensive, intuitive system for utilities seeking to analyze their vulnerability to both intentional threats and natural disasters. Originally designed for wastewater utility use, revised versions for water systems and combined water/wastewater systems are due out shortly. This software tool includes reference libraries of both potential threats and countermeasures, and provides a method for managing the information generated by security vulnerability assessments. Developed by the Association of Metropolitan Sewerage Agencies (AMSA), the software is available free of charge to all public water and wastewater utilities and is probably best suited to those facilities in the medium size range. The initially offered 2-hour training has been expanded into a 2-day session. *(For more information go to websites at www.vsatusers.net/about.html or www.wef.org/publicinfo/WEFsecurity.jhtml)*
 - c. **The National Rural Water Association/Association of State Drinking Water Association's VA Guide for Small Systems**. A new vulnerability assessment guide targeted at community drinking water systems serving between 3,300 and 10,000 people is now available and is designed to help these systems complete vulnerability assessments required under the Bioterrorism Act. The updated guide was developed by ASDWA and NRW to meet the basic requirements of a vulnerability assessment and will help small drinking water systems assess their critical components and identify security measures that should be implemented. *(For more information go to web sites at www.asdwa.org or www.vulnerabilityassessment.org)*

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3. Seek guidance, as necessary, from state organizations such as the Indiana Section of AWWA, NRWA/ASDWA, Regional EPA offices, etc. Consider contacting consultants versed in the vulnerability assessment processes and engaging them for the purpose of reviewing materials for accuracy and appropriateness of recommended actions that arise from vulnerability assessment process. Seek training where available. The Water Environment Federation (WEF) will be providing training to facilitate understanding and application of tools and resources, including Association of Metropolitan Sewerage Agencies' (AMSA) new wastewater security training software or VSAT and the development and upgrade of emergency response plans. Get the "biggest bang for your buck!"
4. Track possible funding options. At the current time, the Indiana Department of Environmental Management (IDEM) has received slightly over a half million dollars from the Homeland Security grant as well as \$150,000 from the USEPA as their state allocated fund. This grant money is earmarked for security aspects of small and mid-sized drinking and wastewater utilities. IDEM has stated that the state's Revolving Loan Fund is also available to small and mid-sized utilities, if needed. While further legislation is pending that could potentially fund future security efforts for water and wastewater utilities, at this time the EPA does not have sufficient funds to provide direct grants to individual facilities serving less than 100,000 consumers.
5. Where possible, consider "piggybacking" on other regional facilities' vulnerability assessments. Does your neighboring drinking water supplier share a distribution system? Do you have common vulnerabilities that can more cost-effectively be addressed if you work together as a team? Consider building a team of regional suppliers who can assist one another in brainstorming on security solutions. Call in local, state and federal law enforcement and perhaps security consultants for a workshop.
6. Following advice given from counsel (under item 1), carefully complete your vulnerability assessment report to minimize circulation of critical asset and vulnerability information. The EPA has recently posted strict instructions for submission of vulnerability assessment documents and certifications. Follow the protocol described to best protect your information and to comply with the Bioterrorism Act requirements. (For more information go to website at www.epa.gov/safewater/security/community.html)

Responding to the Bioterrorism Act will require a broad "cultural shift" at utilities. Security awareness, much like safety, must become an integral part of all planning, design, and operating activities. Through thoughtful planning, use of existing resources, and appropriate application of the approved methodologies, small and medium facilities can trust that their completed vulnerability assessment will not only meet the regulatory requirements of the Bioterrorism Act, but will also provide a safe and secure foundation to support your facility's mission to supply safe drinking water to your consumers.

WHAT'S UP WHAT'S NEW - IDEM (con't)

(Continued from page 1)

the Long Term 1 (LT1) Enhanced Surface Water Treatment Rule. The remaining articles on Profiling, Benchmarking, Individual and Combined Filter Effluent will be presented in such a manner as to prompt applicable systems to consider/ address compliance issues prior to the compliance dates described in the rule.

The Long Term 1 Enhanced Surface Water Treatment Rule LT1 became final on January 14, 2002, for public water systems using surface water or ground water under the direct influence of surface water (GWUDI) serving fewer than 10,000 people.

Key Provisions and Compliance Dates

To be in compliance with LT1, systems must satisfy several provisions described below:

- Finished water reservoirs must be covered if construction begins on or after March 15, 2002.
- Based on size, systems begin profiling either July 1, 2003, or January 1, 2004 (see table below).
- A treatment technique requirement of a minimum 2-log removal for *Cryptosporidium* by meeting strengthened combined filter effluent (CFE) limits by January 2005.
- Individual filter monitoring requirements to highlight poor performance by January 2005.
- Unfiltered system watershed control programs to address *Cryptosporidium* by January 2005.

Disinfection Profiling

As systems begin complying with the Stage 1 Disinfectants and Disinfection Byproducts Rule (Stage 1 DBPR), on January 1, 2004, they will have to ensure there are not reductions

in microbial protection as a result of modifying disinfection procedures to meet the more restrictive maximum contaminant levels (MCLs) established in the Stage 1 DBPR. This is known as a risk-risk trade off. Systems have to consider how to maintain protection from microorganisms while controlling the levels of byproducts produced. A tool used to understand how to balance these risks is the disinfection profile.

A disinfection profile provides a graphical representation of the system's level of inactivation for *Giardia lamblia* (and viruses if the system uses chloramines, ozone or chlorine dioxide for primary disinfection), based on data collected on a weekly basis for one year. The table below summarizes when a system will have to begin disinfection profiling.

<p>If your system... Serves 500 to 9,999 people, You must.. Begin the profile by 7/1/03</p> <p>If your system... Serves fewer than 500 people, You must.. Begin the profile by 1/1/04</p>

Opportunity to Skip Profiling

The State may waive the profile requirement if the system has TTHM and HAA5 data collected after January 1, 1998, during the month of warmest water temperature at maximum residence time in the distribution system. The data must demonstrate the system has TTHM levels below 0.064 mg/L and HAA5 levels below 0.048 mg/L. A system generating data that satisfies the criteria described above should contact the State to determine if they may have their disinfection profile requirement waived. For additional information please contact the field inspector for your area or Rick Miranda at 317/308-3300, or visit EPA's website at <http://www.epa.gov/safewater/mdbp/lt1eswtr.html>, or call the Safe Drinking Water Hotline [800-426-4791].

INDIANA'S LEGISLATIVE OUTLOOK FOR 2003 (EDITED VERSION) (con't)

(Continued from page 2)

IURC jurisdiction over utility mergers/enforcement authority, legislation advocated by IURC Chair Bill McCarty and the O'Bannon administration, has previously been offered as two separate bills. In 2001, this legislation was offered as two separate bills, HB 1924 et. al. [jurisdiction over mergers] and HB 1181 et. al. [enforcement authority]. In 2002, both proposals were combined into one bill (HB 1116). For background, see "[Legislative Actions, 2002 Indiana General Assembly](#)" and "[Legislative Actions, 2002 Indiana General Assembly](#)" on the Water Utility Council "home" page, and from there go to "Legislative Priorities" in each year.

Although a version of the bill passed both houses of the General Assembly in 2002, it ultimately died in Committee. A report in the *INDIANAPOLIS BUSINESS JOURNAL (IBJ)* in the December 23-29 issue indicated that odds of passage have increased significantly, and quoted both IURC's McCarty and Indiana Electric Association President Ed Simcox as suggesting that an agreement between the regulators and the regulated might be accomplished during the current session. Significantly, among the areas of possible compromise is a provision which would allow regulated utilities to pass along expenses (such as the proposed IDEM levy) which are a direct outgrowth of regulatory or statutory mandates, without having to go through a rate case.

If the *IBJ* article is correct, the drinking water industry will want to maintain close communications with Chairman McCarty and key legislative leaders, in order to make certain that the industry's interests are reflected in the final proposal or proposals.

The requirement that many systems produce vulnerability assessments, coupled with the relatively broad provisions of Indiana's Open Records law, combine to raise a concern over **confidentiality of vulnerability assessments and other**

records which are newly sensitive or of heightened sensitivity. There are indications that the O'Bannon administration will seek to address this issue from multiple sources, including the state's Counter-Terrorism and Security Council (C-TASC) and IDEM. This is another area where close monitoring will be important.

Finally, recently adopted Public Notification requirements have led to a new focus on **establishing limited tort immunity linked to Safe Drinking Water Act compliance.** IDEM and its sister organizations across the nation have adopted a public notification rule originated by USEPA which sets a standard of notifying "all individuals affected" regarding a Tier 1 violation within a period of twenty-four hours. In most cases it will be virtually impossible to achieve the standard which had been set by USEPA, and this presents a potential problem for systems seeking to comply with the rule.

IDEM is contemplating the adoption of supplemental means by which such notification could be achieved, but until the matter is addressed, failure to notify customers according to the parameters of the rule could subject systems to civil lawsuits.

In Ohio the Legislature passed a bill (Senate Bill 65) earlier this year, which created limited tort (lawsuit) immunity for systems which are in substantial compliance with all Safe Drinking Water Standards. Passage of this or a similar bill should be high on the list of priorities for the coming session.

WHAT WILL PASS AND WHAT WILL FAIL?

There are always surprises, and as the saying goes, "all generalizations are wrong, including this one." But **drinking water legislation, if it is to pass in 2003, will have to enjoy strong and early support.** Even more so than in prior years, a grassroots effort mounted by the industry will be an essential key to a successful session.

WASTEWATER CONTINUING EDUCATION INFO - IDEM

The following information emphasizes some important news items that the Operator Assistance and Pretreatment Section (OAPS) at IDEM wants you to know about. Wastewater continuing education requirements can be found in the Indiana Administrative Code (IAC) – 327 IAC 5-22.

- ✓ 327 IAC 5-22-15(c) requires that a minimum of 70 percent of the required continuing education hours shall be obtained from the technical category of approved continuing education courses. No more than 30 percent of the required continuing education hours shall be obtained from non-technical subject matter. The rule requires that the course deal with one or more of the following:
 1. Technical matters related directly to wastewater treatment (e.g., activated sludge, BOD testing, infrastructure security, etc.);
 2. General matters related to the responsibilities of a certified operator (e.g., confined space entry, bloodborne pathogens, lock out/tagout, pollution prevention, etc.)

Please direct any questions or comments about the Wastewater Continuing Education Program to Natalie Green at (800) 451-6027, ext. 3-0479 or (317) 233-0479 or via email at ngreen@dem.state.in.us.

- ✓ The next wastewater certification examination will be held on May 8, 2003. The exam application must be post-marked no later than March 24, 2003. A fall 2003 exam will not be offered. Please direct any questions about the exam to Christine Hightower at (800) 451-6027, ext. 2-8666 or (317) 232-8666 or via email at chightow@dem.state.in.us.
- ✓ The certification and continuing education home page is located at www.in.gov/idem/water/combr/oaps/wwcert.html.



AMERICAN WATER WORKS ASSOCIATION INDIVIDUAL MEMBERSHIP APPLICATION

FAX (303) 347-0804 Phone 1-800-926-7337/303-794-7711
6666 W. Quincy Avenue/Denver, CO 80235
www.awwa.org

For AWWA Use Only

Have you ever been a member of AWWA? _____
 When? _____
 Member No. _____

Please furnish your preferred mailing address below (Indicate whether business or home): Business Home

Mr. Mrs. Ms. Dr.

First Name	Middle Initial	Last Name	Suffix
Exact Street Address		(P.O. Box or Mail Stop)	
City	State or Province	Zip or Postal Code	
Title			
Company Name		E-mail Address	
Home Phone	Business Phone	Business Fax	
Applicant's Signature			Date
Signature of AWWA Member Endorsing Application (Optional)			Endorsing Member Number
Is your company a current member of AWWA? _____ If not, please provide your company's main address if different from above:			
Company Name		Main Business Address	
City	State/Province	Zip or Postal Code	

ANNUAL DUES: **\$114-Active Grade Code 02** **\$57-Operations/Administrative Grade Code 06** **\$36-Student Grade Code 14** **\$150-International Grade Code 03**

ANNUAL DUES \$ _____

Section Assessment* _____

Multi-Section Option† _____

TOTAL DUE \$ _____

(For operator or administrative level personnel or employees of small utilities. Will not receive Journal/AWWA.)

Make check payable to AWWA (U.S. funds only).

MasterCard VISA Send Invoice

American Express

PREPAYMENT OF ONE YEAR'S DUES REQUIRED
No action can be taken on this application until payment is received.

Dues amount guaranteed through December 31, 2003.

Card No. _____ Exp. Date _____

*Section Assessment - AWWA has 43 local sections. Your section is determined by your address. However, some sections require additional annual fees to better serve their local members. Section assessments are mandatory for applicants with addresses as shown:

Please find your Section Assessment fee in the table at right and enter the total on the line reading "Section Assessment."

ADDRESS	ACTIVE (02)	OPERATIONS (06)	STUDENT (14)
Alabama, Mississippi	\$20	\$20	-
Alberta, Manitoba, N.W. Territories, Saskatchewan	\$10	\$10	-
California, Nevada	\$17	-	-
Connecticut	\$10	-	-
Florida, Minnesota, South Carolina, Texas	\$10	\$10	-
Georgia	\$28	\$28	\$5
Illinois	\$9	\$5	-
Iowa, Idaho (western), Oregon, Washington	\$11	-	-
Maine, Massachusetts, New Hampshire, Rhode Island, Vermont	\$50	\$20	-
Missouri	\$7	\$3	-
New Jersey	\$15	\$10	-
New York	\$15	\$8	-
Pennsylvania	\$15	\$5	-

ALL APPLICANTS SHOULD COMPLETE

- BUSINESS AND INDUSTRY**
- A. Public Water Supply Utility—Municipally Owned
 - B. Public Water Supply Utility—Investor Owned
 - C. Governmental—Federal, State, Local
 - D. Consultant
 - E. Contractor
 - F. Private Industrial Systems or Water Wholesaler
 - G. Manufacturer of Equipment & Supplies including Representatives
 - H. Distributors of Equipment & Supplies including Representatives
 - I. Educational Institutions, Faculty and Students, Librarians, and Other Related Organizations
 - J. Fully Retired
 - K. Research Labs
 - L. Unreported
- CHECK FIELD(S) SERVED:**
- 5 Water Supply Only 7 Wastewater Only
9 Both 3 Other

- JOB TITLE**
- A. Executive—Gen'l Mgr., Commissioner, Board Member, City Mgr., Mayor, President, Vice-President, Owner, Partner, Director, etc.
 - B. Management—Division Head, Section Head, Mgr., Chief Engineer, Comptroller, etc.
 - C. Engineering/non-managerial—Civil Engr., Mech. Engr., Envr. Engr., Planning Mgr., Field Engr., Systems Designer, etc.
 - D. Scientific/non-managerial—Chemist, Biologist, Biophysicist, Researcher, Analyst, etc.
 - E. Purchasing—Purchasing Agent, Procurement Specialist, Buyer, etc.
 - F. Operations—Foreman, Operator, Maintenance, Crewman, Service Rep., etc.
 - G. Marketing & Sales—non-managerial—Mkt. Analyst, Mkt. Rep., Salesman, Sales Rep., etc.
 - H. Other (describe) _____
 - I. Professional - Teacher, Educator, etc.

Completion of this information is optional.

AWWA maintains profile data for use in developing additional programs and services to meet the diverse needs of our members.

Birth Date
_____/_____/_____

Race/Ethnic Identification: (check one)

1 American Indian/Alaskan Native
 2 Asian/Pacific-Islander
 3 African American
 4 Hispanic
 5 White (Non-Hispanic)
 6 Other

Gender: (check one)

F Female M Male

† **MULTI-SECTION MEMBERSHIP OPTION** In addition to your own section membership, you may also join other AWWA section(s). This allows you to receive information on events and activities from other local sections. If this is of interest to you, call 1-800-926-7337 for multi-section information and fees.

The following information is for USPS Standard class mailing requirements ONLY: In some AWWA sections, a portion of the section allotment equal to 50 percent or more of the domestic subscription rate charged for the section periodical will be allocated toward a subscription of that periodical. Dues allocated for each publication members receive: Journal \$30 MainStream \$6 Optflow \$8

Small Systems Committee
INDIANA SECTION AWWA

1220 Waterway Blvd.
Indianapolis, IN 46202

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.

February 17 - 20, 2003 -

Indiana Section – American Water Works Association
Adam's Mark Hotel (Airport); Indianapolis, Indiana. Contact:
Pam Waggoner; 317-263-6469 for more information.

February 17 - 20, 2003 -

Urban Storm Water Conference - held at the Westin on
Michigan Ave. , Chicago, IL. Contact: Bob Kirschner,
bkirschn@chicagobotanic.org.

March 24, 2003 -

Wastewater Operator Certification Exam applications must be
postmarked no later than this date. Contact: Debbie
Dubenetzky; 317-233-5747

April 1, 2003 -

Water Operator Certification Exam application deadline.
Contact: Operator Certification Assistance Line at
317-308-3307.

April 21 - 23, 2003 –

Indiana Rural Water Association - Spring Conference -
Holiday Inn; Columbus, Indiana. Contact: Odetta Cadwell;
317-402-7349 or OdieIRWA@aol.com for more information.

May 8, 2003 -

Wastewater Operator Certification Exam. Contact: Debbie
Dubenetzky; 317-233-5747.

May 16, 2003 -

Water Operator Certification Examination. Contact:
Operator Certification Assistance Line at 317-308-3307. All
applications for the May, 2003 exam must be postmarked no
later than midnight April 1, 2003.

November 14, 2003 -

Water Operator Certification Examination. Contact:
Operator Certification Assistance Line at 317-308-3307. All
applications must be postmarked no later than midnight
September 30, 2003.

June 30, 2004 –

Deadline for Vulnerability Assessments and Emergency
Response Planning submittals for Water Systems of more
than 3,000 served but less than 50,000 served.

AWWA Annual Conference
For more information go the Indiana Section AWWA
website or contact Pam Wagoner at 317-263-6469

Please visit AWWA's website (www.awwa.org) for additional information regarding continuing education and professional development offerings. Materials and instruction are available through a variety of media, from traditional seminars to online courses, teleconferences, and webcasts.