

Water & Wastewater Digest

FALL 2013

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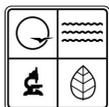
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Missouri Department of Natural Resources Introduces Electronic Discharge Monitoring Reports

An Electronic Discharge Monitoring Report system, or eDMR system, is now available on the Web that allows Missouri wastewater permit holders to submit required discharge monitoring reports to the department. This system provides an alternative to submitting handwritten or paper-based DMRs. The eDMR system is faster, more efficient and requires less processing for both regulated facilities and the department. It will save time and improve accuracy by eliminating potential errors introduced by manual data entry. As a fully operational electronic reporting system, all of the necessary legal, security and electronic signature functionality are included to serve as a completely paperless reporting system.

The eDMR system is in operation for all wastewater facilities wanting to participate. The department is targeting major industrial and wastewater treatment facilities first, followed by minor facilities and ending with general permit holders required to submit DMRs. The department would like to have a majority of regulated wastewater facilities reporting electronically by 2018.

What is needed to obtain access to the eDMR system?

- A working computer with internet connection. The system was designed around Internet Explorer® Web browser.
- An NPDES permit with a DMR reporting component.
- Completed permit holder participation package.
- Facility certifiers will also need to submit:
 - A notarized participation package.
 - Proof of identification (e.g. driver's licenses).
 - Proof of ownership or association with requested facility.

Will training be available?

The department held several eDMR system user training events this summer at the MOTEC Training Center in Jefferson City. More dates may be scheduled throughout the year. For more information, visit www.dnr.mo.gov/env/wpp/edmr.htm, email edmr@dnr.mo.gov or call 800-361-4827 or 583-751-1300.

Update Personal Information with Operator Certification

Take a moment to visit the Operator Certification website at www.dnr.mo.gov/operator/login.do. Log in to the site using your certificate number and the last four digits of your social security number. Check your personal information in the database to verify it is correct. If changes are needed, you can make them instantly on the webpage. For help, contact the Operator Certification section at 800-361-4827 or 573-751-1600.

Examples of department contact information relevant to operators are; renewal reminder postcards, exam entrance letters and exam pass or fail letters. Updating your information regularly will help ensure important correspondence reaches you in a timely manner.

Show-Me Heroes Program

The Show-Me Heroes Program, provided through Missouri's Department of Economic Development, encourages Missouri employers to hire eligible veterans in full-time positions in growing industries identified by the U.S. Department of Labor. The water and wastewater industry is one of those growth sectors. While many other occupations are projected to experience a decrease in employment, the water and wastewater industry is projected to grow 14 percent over the next 10 years. In addition to projected growth, almost half of the utilities workforce will be nearing retirement age within the next 10 years.

Military veterans, especially those recently discharged, represent an excellent recruitment opportunity to help fill the projected employment needs of the industry. Prior military experience gives veterans an understanding of teamwork, discipline and personal accountability that can make them excellent employees in these fields. In addition, many veterans already possess technical skills and training directly transferable to careers in the water and wastewater industry.

Properly certified and competent operators at drinking water and wastewater treatment systems are critical to the protection of public health and the environment. The Missouri Department of Natural Resources encourages utilities to consider this "win-win" program when vacancies become available. Eligible veterans are hired and trained while employers save money on wages for the hired veteran. For the program to work, both the employer and veteran must be approved before the veteran is hired.

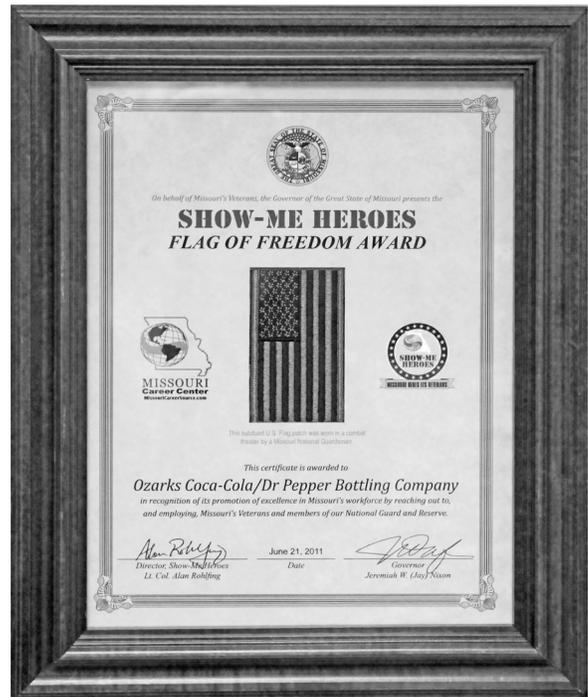


As an employer, the Show-Me Heroes Program can provide the following benefits:

- Covers up to 50 percent of wages for up to 26 weeks.
- Assistance finding eligible veterans who have an interest in your vacancy.
- Tap into a skilled labor group seeking reemployment.
- Receive a Flag of Freedom award to display. The award lists the employer's name and includes an American flag patch documented to have been worn in a combat theater. The flag is black and white to reduce the visibility of soldiers.

Qualifications for employers:

- Develop an approved on-the-job training program (examples available).
- The vacancy must be permanent, full-time and not created through layoffs.
- Participation in Show-Me Heroes program and E-Verify.



For more information visit www.showmeheroes.mo.gov, or contact Jon Barry, with the Department of Economic Development at 573-526-0540 or email jonathan.berry@ded.mo.gov.

What is the Safe Drinking Water Commission?

Have you heard of the Safe Drinking Water Commission, or SDWC, and wondered what it is? The Safe Drinking Water Commission is the citizen-based committee established by the state legislature 20 years ago to provide oversight for drinking water rulemaking. Over the years, the mission has expanded to include the Drinking Water State Revolving Fund loan program and the authority to make decisions on appeals, such as operator certification and standing on intended use plan funding lists.

This nine-member body meets at least four times per year and serves the citizens of Missouri without pay. Four members of the SDWC must represent one of four categories of public water systems, based on the number of customers served by the system. The other five members must represent the public. State law requires all members of the SDWC to be knowledgeable about drinking water issues.

A typical commission meeting lasts about two hours. Topics usually include the Drinking Water State Revolving Fund loan program, adjustments to loan or grant funding for specific water systems, legislative or regulatory actions affecting drinking water and topics of interest such as hydraulic fracturing or waterborne disease outbreaks.

The SDWC votes on proposed rules, holds hearings, approves priority point criteria for the loan program, approves the loan program's intended use plan and fundable lists; and has authority to hear and decide appeals of intended use plan priority point awards, operator certification decisions, and administrative penalty decisions.

Commission Chair Liz Grove said, "The commission is interested in hearing from the public and includes an 'open mic' time on each agenda so anyone having issues concerning the regulation of public water systems can bring their issues to the commission." You may also ask to be included on an agenda by emailing sdwc@dnr.mo.gov.

Information about past and upcoming meetings is available at www.dnr.mo.gov/env/wpp/sdwc/index.html.

Upcoming Drinking Water Rulemaking Opportunities in 2013-2014

Revised Total Coliform Rule

For the first time since its publication in 1989, the bedrock microbial disinfection rule (Total Coliform Rule) underwent major revisions in 2012. The Revised Total Coliform Rule is a primacy rule that must be adopted by the states. The department's Public Drinking Water Branch expects to begin the informal stakeholder process for this rulemaking later this calendar year.

For more information, contact Linda McCarty of the Public Drinking Water Branch at 573-526-6928 or 800-361-4827.

Subdivisions

A federal court decision rendered in February 2012 changed the regulation of subdivisions. The court determined where multiple wells serving the same subdivision are owned and operated by the same legal organization (the same homeowners' association, for example), that subdivision is one public water system, regardless of the number of connections or persons served by each individual well. Prior to this decision, a developer could install wells in a subdivision and as long as the wells were not interconnected, and each served less than 15 connections or 25 persons, the wells were not regulated as one public water system. The department is considering proposing a rulemaking to clarify this change in interpretation of the definition of public water system. The stakeholder process for this rulemaking may begin later this calendar year.

For more information, contact Linda McCarty of the Public Drinking Water Branch at 573-526-6928 or 800-361-4827.

National Stormwater Calculator Available

EPA has made available a new National Stormwater Calculator; a desktop application that estimates the annual amount of rainwater and frequency of runoff from a specific site anywhere in the United States. The calculation is based on soil conditions, land cover, and historic rainfall records. For more information or to access the calculator, go to www.epa.gov/nrmrl/wswrd/wq/models/swc.

Consumer Confidence Reports

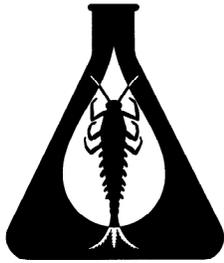
The Public Drinking Water Branch provided the 2012 Annual Water Quality Reports/Consumer Confidence Reports to all community water supplies in April. This is a reminder that the reports were distributed to all customers by July 1. A copy of a water bill or other "direct delivery" notification (if used) showing the URL Web address and phone number, a copy of the final consumer confidence report and the certification form are due back to the Public Drinking Water Branch by Oct. 1.

If you have any questions e-mail CCR@dnr.mo.gov contact Kristin Vermillion at 573-526-3832 or Ellen Harrel at 573-751-1077.

Operator Certification and Training

Exam Date	Location	Filing Deadline
Nov. 5	Department of Natural Resources 1709 Prospect Dr., Macon	Oct. 6
	Department of Natural Resources 500 NE Colbern Road, Lee's Summit	
	Department of Natural Resources 1101 Riverside Dr., Jefferson City	
Dec. 3	Department of Conservation Powder Valley Nature Center, Kirkwood	Nov. 3
	Department of Natural Resources 1101 Riverside Dr., Jefferson City	
Jan. 7	Department of Natural Resources 2040 W. Woodland, Springfield	Dec. 8
	Department of Natural Resources 2155 N. Westwood Blvd., Poplar Bluff	
	Department of Natural Resources 1101 Riverside Dr., Jefferson City	
Feb. 4	Department of Natural Resources 1709 Prospect Dr., Macon	Jan. 5
	Department of Natural Resources 500 NE Colbern Road, Lee's Summit	
	Department of Natural Resources 1101 Riverside Dr., Jefferson City	
Mar. 4	Department of Conservation Powder Valley Nature Center, Kirkwood	Feb. 2
	Department of Natural Resources 1101 Riverside Dr., Jefferson City	
Apr. 1	Department of Natural Resources 2040 W. Woodland, Springfield	Mar. 2
	Department of Natural Resources 2155 N. Westwood Blvd., Poplar Bluff	
	Department of Natural Resources 1101 Riverside Dr., Jefferson City	

Regular wastewater examinations are scheduled for 9 a.m. and the water supply examinations are scheduled for 1 p.m., unless otherwise noted on the admission letter. For an application, visit www.dnr.mo.gov/forms/780-1089-f.pdf.



Water Quality

2013 Level 1 Volunteer Water Quality Monitoring Workshop Schedule

Workshop Date	Location	Filing Deadline
Sept. 21	St. Louis - Wildwood: Babler State Park 800 Guy Park Road	Sept. 4
Sept. 28	Springfield: Conservation Nature Center 4601 S. Nature Center Way	Sept. 11
Oct. 5	Columbia: MDC Regional Office 3500 East Gans Road	Sept. 18
Oct. 19	Joplin: Wildcat Glades Audubon Center 201 Riviera Drive	Oct. 2

What is a Stream Team?

Missouri Stream Team is a working partnership of citizens concerned about Missouri Streams. The Stream Team Program provides an opportunity for all citizens to get involved in river conservation. Attendees of the first Rivers and Streams Conference in 1988 set the following Stream Team goals:

Education: Learning all you can about Missouri's 110,000 miles of flowing water is as easy as it is fun. Stream Team provides training and information to better understand our stream systems and the problems and opportunities they face.

Stewardship: "Hands-on" projects such as litter control, streambank stabilization, streamside tree planting, water quality monitoring, and storm drain stenciling, are all possibilities. Stream Team can help you plan a project or match you with an agency or organization effort.

Advocacy: Speaking on behalf of your adopted stream when development or harmful activities tamper with them is not as difficult as you might think. Those who have gained firsthand knowledge of problems, solutions, and needs are best equipped to speak out on behalf of Missouri's stream resources. You want to write a letter, attend a meeting, or find another way to get involved.

Form Your Own Stream Team

Missouri's 110,000 miles of streams provide recreation, water and serenity for ourselves and our children, but they need help. If you are already a stream team, you will find information on organizing your team, participating in a variety of activities and communicating with other stream teams across the state and beyond. If you are thinking about forming a stream team, we have information to get you started.

Exploring the stream team website at www.mostreamteam.org will show how members have adopted a stream, volunteered time to improve it and have banded together with other teams to help improve Missouri's streams.

What's in it for Me?

We all live in a watershed and anything we do as individuals in that watershed can affect a stream positively or negatively. The impact (whether positive or negative) will eventually affect us as human beings. Therefore it is in our own interest to protect the watershed we live in. Becoming educated about how to spot watershed issues is the first step towards protecting your watershed.

Upcoming Workshops

Level 1 Volunteer Water Quality Monitoring Workshops will cover chemical monitoring, visual survey, and a review of invertebrate identification techniques. In order to attend a Level 1 Workshop, you must have attended an Introductory Level Workshop, and submitted the appropriate data. Each workshop is free and consists of 5.5 to 6 hours of classroom instruction and one to two hours on a stream to demonstrate sampling methods. **Operators are encouraged to see the courses listing for dates and renewal hours in this digest.** Although the level of material presented is not designed for children, older youth accompanied by an adult are welcome (maximum 3 per adult). Need a refresher course? For those volunteers who have already attended but would like a refresher, feel free to register for a course you have already attended. Alumni are always welcome.

To register online visit www.mostreamteam.org/. A confirmation letter and map or directions to the workshop location will be sent after the registration deadline date. Class size is limited to 30 people per workshop. For more information contact Susan Higgins at 573-526-1002 or susan.higgins@dnr.mo.gov.

Stage 2 DBP Compliance Monitoring Plan

The department's Public Drinking Water Branch mailed letters to nearly 500 Schedule 3 and Schedule 4 water systems that did not complete a Stage 2 DBP Compliance Monitoring Plan, or CMP, in June. The CMP must be received by the compliance date of Oct. 1.

If your water system is a community or noncommunity, nontransient system and disinfects or receives water that has been disinfected, your water system is required to have an approved CMP. While the CMP is due by Oct. 1, most of the Schedule 3 and 4 systems will begin annual

monitoring during a warm summer month sometime between June and September 2014. The specific month for testing will be determined in part by the department's lab workload and the connected water systems in a combined distribution system (if appropriate).

If you have any questions, contact Eric Medlock at 573-522-5028 or email eric.medlock@dnr.mo.gov.

Source Water Protection Funding Update

The Missouri Department of Natural Resources announces the availability of additional grant funds to facilitate source water protection and abandoned well plugging efforts across Missouri. Both of these programs have been available to public water systems in the past, but major revisions to these programs are currently in progress and additional funds have been made available to promote local voluntary source water protection efforts.

Through March 2014, community public water systems may apply for Source Water Protection Development and Implementation grants with no maximum award limit. Awards have been limited in recent years to a maximum of \$10,000. The Abandoned Well Plugging grant program has also experienced some changes. Funding to plug abandoned wells, formerly available only to community public water systems, is now available to any regulated public water system in Missouri, and, like the Source Water Protection Development and Implementation grants, awards to plug abandoned wells also have no maximum award amount through next March. Contact the Public Drinking Water Branch's Source Water Protection and Assessment Coordinator at 573-526-0269 for additional information about these opportunities.

Now is the Time for Drinking Water Systems to Update Contact Information in SDWIS

Believe it or not, Operator Certification will soon start to think about next years' vouchers. Right now is the perfect time for drinking water systems to update their contact information in SDWIS, to make sure vouchers reach their intended destinations. If there have been changes, heres how to update your SDWIS information:

- Go to www.dnr.mo.gov/operator/index.do. The page should read; "Welcome to the Operator Certification Database."
- Click on "Drinking Water System Search." The next page should read; "System Search." Click on "Or Search by Facility." Type your system's unique identifying facility number beginning with "MO" into the "Facility Number" box. Finally, click on "Search Systems."
- The next page will read; "System Search Results Page." Make sure the system shown is the correct system, then click on the green "view" button.
- This will take you to your system's information page. To update your system information, click on "Print Form to Submit Changes." Make the necessary changes on the printed form by marking through outdated information and filling in new information in the spaces provided. Sign on the line provided at the bottom of the document.
- Fax changes to 573-751-3110 or mail the completed form to: Missouri Department of Natural Resources, Public Drinking Water Branch – SDWIS, P.O. Box 176, Jefferson City, MO 65102-0176.

Water & Wastewater Digest Subscriptions

- New subscriber to the Digest? Complete section 2 below.
- Change of Address: Complete sections 1 and 2 or certified operators can update information online at www.dnr.mo.gov/operator.
- Cancelling subscription? Complete section 1 below.

Mail or Fax to:

Missouri Department of Natural Resources
Operator Certification Section
P.O. Box 176, Jefferson City, MO 65102-0176
Fax: 573-751-0678

Section 1 - Previous Address

Name _____
Operator Certificate # _____
Street _____
City/State/ZIP Code _____

Section 2 - New Address

Name _____
Operator Certificate # _____
Street _____
City/State/ZIP Code _____
Daytime phone with area code _____

Training

The mailed version of this publication included a two page list of approved training courses and exam schedule that was available at the time of printing. For a current listing of training, please visit:

<http://www.dnr.mo.gov/env/wpp/opcert/oprtrain.htm>



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Operator Certification Section

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