

Water & Wastewater Digest

DECEMBER 2013

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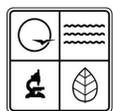
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MISSOURI
DEPARTMENT OF
NATURAL RESOURCES

P.O. Box 176
Jefferson City, MO 65102-0176

www.dnr.mo.gov

Department Revisions to Wastewater Construction and Operating Permit Rules

The department is working on proposed revisions to 10 CSR 20-6.010, Construction and Operation Permit Rules, to clarify and incorporate changes passed during the 2013 Missouri legislative session.

Chapter 10 CSR 20-6.010 covers continuing authorities, construction and operating permits and applications.

In the Continuing Authorities Section, the department is working to define availability for connection. The proposed definition of availability requires the facility to determine connection is unavailable based on financial terms, service terms or distance. Level 2 continuing authorities are subject to approval by the Missouri Clean Water Commission to be the regional sewer provider for a defined service area. With the rule revision, the department is proposing a process requiring a plan, public participation and a presentation to the commission.

Under the Construction Permits Section, the department is expanding the list of items exempted from construction permitting. Industrial activities are exempt unless building a lagoon or earthen basin. The proposed list of exemptions includes, but is not limited to, sludge processing equipment, internal piping changes, addition of storage tanks, pH adjustment equipment, outfall relocation and polymer addition. The construction permit exemption does not exempt facilities from 10 CSR 20-8 design guides or antidegradation requirements.

An important exemption established through the legislative session was an exemption from the construction permitting process for sewer extensions less than a thousand feet that also include one lift station. This exemption became effective Aug. 28 by statute. Along with this exemption, the department is working to establish a general permit for sewer extensions greater than a thousand feet or construction of more than one lift station.

In the Operating Permits Section, there is general clean-up of language for consistency and to match statutory changes to time frames. Proposed updates include detailing what is required in a complete application, clarification on timelines for submittal, updates to closure requirements, and establishment of a provisional variance process. The provisional variance process allows a short-term variance from permit conditions or orders due to circumstances beyond the facilities control.

A regulatory impact report will be published for the public to comment on before revisions to the rule are final. The department will then hold a public hearing and present the proposed revisions to the Clean Water Commission for adoption. The department plans to place the regulatory impact report on public notice later this year, with the hearing before the commission scheduled in spring 2014. The department is in the process of revising the Wastewater Construction Permitting Manual (www.dnr.mo.gov/env/wpp/permits/const-permit-manual.htm), forms, and facts sheets to reflect the proposed changes to 10 CSR20-6.010. Go online for more information regarding the changes and people to contact, along with copies of the proposed rule. Information is available online at www.dnr.mo.gov/env/wpp/cwforum/ca-group.htm.

OpCert Wastewater Treatment Subject Matter Expert Volunteer Application

Subject Matter Experts (SMEs) play a critical role in assisting the Missouri Department of Natural Resources in developing operator certification exams. Certification exams assess an operator's knowledge, skills and abilities for competency. With hands-on working knowledge as operators, SMEs review and write exam questions and determine to what level of exam individual questions apply.

If you'd like to be involved in shaping Missouri's certification exams, to be considered complete our online survey at www.surveymonkey.com/s/DB2GL2V. Volunteers will be selected to represent a variety of experiences with technologies and classification levels of systems. Workshops generally consist of evaluating exam questions as a group and establishing the importance of each question based on how frequently an operator performs the task being evaluated, its seriousness, and criticality. SMEs should be willing to attend workshops held in Jefferson City. Participants must maintain confidentiality of exam materials.

If Internet access is not available or you have questions, call the department's Operator Certification Section at 573-751-1600.

Need Your Password to Login?

Certified operators are encouraged to access training reports by visiting the department's website at www.dnr.mo.gov/operator. To login, the password is the last four digits of your social security number. In addition to checking training hours and renewing certificates online, this site provides a convenient place to view and update important contact information for public drinking water systems including the chief operator, sample collector and administrative contact.

For more information, contact the department's Operator Certification Section at 800-361-4827 or 573-751-1600.

Applications and Deadlines for the 2015 State Revolving Fund Intended Use Plans

The deadline to apply for funding for the department's 2015 Clean Water Intended Use Plan was Nov. 15, 2013. The deadline to apply for funding for the 2015 Drinking Water Intended Use Plan is Feb. 15, 2014. However, applications will be accepted and processed at any time throughout the year.

Visit the department's Financial Assistance Center website at www.dnr.mo.gov/env/wpp/srf/index.html for applications and instructions. Potential applicants are encouraged to contact the department prior to submitting an application at 573-751-1192. Applicants anticipating the use of other state or federal funds to finance water or wastewater system improvements must complete a Missouri Water and Wastewater Review Committee project proposal, available at www.dnr.mo.gov/env/wpp/srf/additional-resources.htm.

Drinking Water Testing

The Safe Drinking Water Act requires all public water systems to test their drinking water on a routine basis for 91 potential contaminants. The list includes micro-organisms, metals, volatile organics, pesticides, radionuclides and disinfection byproducts. There are currently 2,738 public water systems in Missouri that must comply with these requirements. So how does Missouri accomplish this testing?

Missouri is somewhat unique because there is a state law that requires the Department of Natural Resources and the Department of Health and Senior Services to provide testing required by safe drinking water regulations. The vast majority of public water systems take advantage of the state laboratory system provided by these two state agencies.

Most states don't provide this service, but simply require public water systems to arrange for regulatory testing at the water system's expense and report the results to the state regulatory agency.

There are three state labs that do drinking water testing. The Department of Natural Resources lab is located in Jefferson City and is primarily responsible for running chemical samples for metals, nitrate, volatile organics, pesticides and lead, copper, fluoride and disinfection byproducts. Public Drinking Water Branch staff schedule testing for all public water systems and provide a list each month to the lab with sample collector addresses, locations and the parameters due for testing. Sample kits are shipped from the lab via United Parcel Service (UPS) to a designated sample collector for each water system. A water system official collects the samples from the designated sampling locations and UPS returns to pick them up and transport them back to the lab for testing. The department's lab tests an average of 16,800 samples per year and reports around 196,760 separate parameters from those tests.

The Department of Health and Senior Services operates the Missouri State Public Health Laboratory (MSPHL). The main lab is in Jefferson City but there is also a branch lab in Poplar Bluff. The MSPHL provides the bacteriological testing required by the Total Coliform Rule. They ship a supply of sample bottles upon request by the public water systems to the designated sample collectors. Bacteriological samples have a short holding time, so to get the samples from all over the state back to the lab within holding time DHSS maintains a state-wide courier service. There is at least one courier stop in all 114 counties in Missouri. Water systems can drop off their samples and they will be driven by a contractor to Jefferson City by the next morning. MSPHL analyzes the samples for total coliform and E. coli bacteria, reports the results to the department, which in turn provides the results to each public water system. Typically the MSPHL analyzes 70,000 to 80,000 public drinking water samples per year.

In addition to the state labs, the Department of Natural Resources also contracts with private labs for testing certain parameters where the state doesn't maintain certification. For example, radio chemistry is done by the St. Louis County Environmental Health Lab. In a year's time they typically run around 2,400 samples for gross alpha, radium 226, radium 228 and uranium.

Every three years the U.S. Environmental Protection Agency requires testing for newly emerging contaminants to gather occurrence data so they can make decisions about whether to regulate new potential drinking water contaminants. This regulation is called the Unregulated Contaminant Monitoring Rule. The list of contaminants and the analytical methods to test for them changes each time. The department's lab will test for as much of the parameters as possible, but it is usually too expensive to purchase new analytical equipment to just do one round of testing, not knowing if routine compliance testing will ever be required. Therefore, the department contracts with private laboratories to accomplish the testing. The contract lab is required to ship sample containers to each water system, provide for the testing and to report the results to EPA's tracking system. This effort is currently underway with sample kits, analysis and reporting to EPA provided by Pace Analytical.

The staff with the departments of Natural Resources and Health and Senior Services hopes service provided to Missouri's public water systems is not only convenient, but also relieves them of the regulatory burden of self-testing and reporting, as well as the expense to test for all microbiological and chemical contaminants. The bottom-line is this constant surveillance helps ensure that Missourians receive safe drinking water.



Pictured in the front row left to right - Darlene Helmig, Jennifer Lamons, Nate Moore and Keith Forck. Back Row: Tony Boone, Dr. John Lori, Deryl Niffen and Mark Klaus.

Thank You!

The department's Operator Certification Section would like to convey its thanks and gratitude to the concentrated animal feeding operation workgroup for its recent contributions to CAFO exam development. Great job to all!

New Rules for Ammonia Coming Soon!

The U.S. Environmental Protection Agency used toxicity studies performed on mussels and gill-breathing snails to finalize new water quality criteria for ammonia on Aug. 22. These criteria will be applicable to nearly all discharging domestic wastewater treatment facilities, as well as some industrial and stormwater dischargers. These new criteria are significantly more stringent, and may require upgrades to wastewater treatment facilities. In order for Missouri to maintain its authorization to issue permits under the National Pollutant Discharge Elimination System, the state must adopt new ammonia criteria. Individual states may develop their own standards, but they cannot be less protective than federal standards. After review, Missouri is choosing to adopt the new federal standards.

Currently, many treatment facilities are upgrading to comply with existing water quality standards. The new ammonia standards may require facilities to reconsider any proposed treatment technology. Facilities should contact their engineer to ensure their treatment procedures and technologies will comply with new requirements. The Department of Natural Resources encourages facilities to implement treatment technology that will provide treatment to meet the new EPA ammonia criteria.

Operating permits will continue to be written based on current statutes and regulations. An advisory statement will be added to permit fact sheets to aid facilities in the decision making process. It is expected the new ammonia criteria will be adopted during the next water quality standard review performed by the department. Recently constructed

upgrades to comply with current ammonia limits will be taken into consideration when drafting schedules of compliance for pending ammonia limits.

For more information on changes to the Water Quality Standard, review the department fact sheet located at www.dnr.mo.gov/pubs/pub2481.pdf.

Stage 2 DBP Compliance Monitoring Plan

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 Stage 2 Disinfection Byproduct Compliance Monitoring Plan. In June, the Missouri Department of Natural Resources, Public Drinking Water Branch mailed letters to nearly 500 Schedule 3 and Schedule 4 water systems that had not completed a plan. Schedule 4 water systems are those systems that have a residential equivalent population less than 10,000; Schedule 3 systems have a population of between 10,000 and 50,000.

As a reminder, the compliance monitoring plan should have been received by the compliance date of Oct. 1. There were 160 water systems in violation for not submitting a plan as of Oct. 10. While the plan was due by Oct. 1, most of the Schedule 3 and Schedule 4 systems will begin annual sampling during a warm summer month sometime between June and Sept. 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).

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 _____

To assist water systems in completing the required monitoring plan, the department will be using the services of a contract circuit rider, Larry VanGilder, who, under the direction of the department's Public Drinking Water Branch, will be contacting and following up with the systems still needing to complete their plan. VanGilder has an associate's degree in environmental health from Crowder College. He also holds a level "A" Water and Wastewater certificate, and a level III Distribution certificate. He retired in 2010 after 33 years of employment and service to the City of Branson. For 26 of those years he served as director of public works.

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

Consider the Environmental Finance Center for Assistance

The Environmental Finance Center (EFC) at Wichita State University is one of 10 university-based centers that form the Environmental Finance Center Network (EFCN). Located throughout the country, each EFC focusses on the challenges of the geographic region it serves. The Wichita State University EFC serves the four states in EPA's Region 7; including Iowa, Kansas, Missouri and Nebraska.

The EFCN, through funding from EPA, is providing free assistance through the end of June 2014 to small drinking water systems serving populations of less than 10,000. Go online today at <http://efcnetwork.org/> one-on-one to request one-on-one assistance with any of the following topics:

- Asset Management
- Energy Management
- Finances and Rates
- Funding Sources
- Water Loss Reduction
- Water System Collaboration

To find out more about the EFCN, visit their website at efcnetwork.org/ or contact the following EFC's staff at Wichita State University: Angela Buzard at 316-978-3401 or Katie Miller at 316-201-8596 (www.wichita.edu/efc).

*****News Bulletin*****

The Operator Certification Section has recently received a number of exam applications submitted without the required signature. Only complete exam applications postmarked by the cut-off date and accompanied by the appropriate exam fee will be processed! Incomplete exam applications will be returned. This may mean an applicant will not get into the exam of their choice.

What's Up With Apps, Blogs and Social Networking

It is hard to keep up with all the new technology available in our ever changing world. For those operators who were wondering, here are some basics:

Applications

An application (app) is software that does something useful other than running the computer itself. You can download these apps to your iPhone®, iPad® or Android™, and some you can be used from your old fashioned computer.

Helpful apps for leak loss calculations, pipe disinfection, backwash flow, sizing chemical feed pumps and other uses are available for water and wastewater operators from the National Rural Water Association at www.nrwa.org/app/ and from the Missouri Rural Water Association at www.moruralwater.org/tools.php

Blogs

A blog is a combination of the words "web" and "log." Its purpose is for keeping a record of information on the Internet. Operators may be interested in the following blogs:

- MRWA; www.moruralwater.org/
- EPA; <http://blog.epa.gov/healthywaters/2013/05/drinking-water-week-2013-what%E2%80%99s-in-your-water/>
- Public works; www.publicworksgroup.com/blog/category/public-works/drinking-water/

Social Networking Sites

Operators can also find useful information through social networking sites like Facebook and Twitter.

Facebook is free to use but does require registration and navigational knowledge. You can find Facebook discussions about water issues at American Water Works Association (www.awwa.org) and EPA (<http://epa.gov/>).

Twitter is also free and is used to send short text messages about the latest stories, ideas, opinions and news. Visit American Water Works Association at www.awwa.org/ and click the Twitter logo to read their latest "tweets".

Getting to Know Your Local Water Specialists

Jason Kirkman, SERO

I was born and raised in the Poplar Bluff area. I graduated from Twin Rivers High School in 1990, received an associate's degree in Accounting from Three Rivers Community College in 1992, and a bachelor's degree in Industrial Technology from Southeast Missouri State University (SEMO) in 1995.

Shortly before graduating from SEMO, I began working for Public Water Supply District No. 3 of Butler County as a water operator for the district's iron removal plant and distribution system. After 12 years with the district (six years as superintendent), I left to work for the department as an environmental specialist at the Southeast Regional Office. In February 2011, I transferred to the Drinking Water section, where I performed inspections, complaint investigations and provided technical assistance. In May 2013, I was given the opportunity to move into a water specialist position. I currently hold certifications in Water Treatment A, Distribution III and Wastewater D. Some of the best aspects of my job are the opportunity to travel to diverse locations and meet and interact with fellow drinking water operators.

I enjoy country life in Broseley with Daleena, my wife of 14+ years and my two boys, Seth and Joden. We are active in our churches (Baptist and Catholic) and I am discovering I love to travel and go flea-marketing. Some of my many hobbies include the never-ending restoration and modification of my 1966 Mustang (which I have owned for more than 25 years), engine building and drag racing, house remodeling and antique furniture refinishing.



Don Rea, SLRO

I was employed by the city of St. Louis from January 1975 until this past May, beginning as a technician in the water division laboratories and advancing through various positions to water production engineer in 1985. As such, I was chief operator responsible for treatment operations at St. Louis's Chain of Rocks Treatment Plant facilities, a 240 MGD surface plant located on the Mississippi River (9 miles north of the St. Louis Arch). I held that position until retiring and taking the position of water specialist for the Department of Natural Resources' St. Louis Regional Office this past June.

I have a Bachelor of Science degree in Civil Engineering from the University of Southern Illinois. I am a registered professional engineer in Missouri and hold Class A Drinking Water Treatment and Distribution III operator certifications. I've been very active for many years in the drinking water industry and with professional water organizations, mostly Missouri Section AWWA and the Missouri Water and Wastewater Conference, where I was State Chairman in 2004 and 2009. Developed as part of my previous job, I continue to have a special interest in Missouri River Basin activities, all the issues associated with the water contained within it, and their importance to all Missourians.

My wife Cindy and I live in a neighborhood located at the southwest edge of St. Louis. Cindy is a special education teacher for the Special School District of St. Louis County. We have three children: Andrew; married and living in Chicago, Stephanie; married and living in St. Louis, and Alex, who lives in Houston. Our first grandchild is due any day! We enjoy traveling and hiking around the country, and I get a kick out of tracking down live steam locomotives. I have been very active in the Boy Scouts of America for many years, and currently serve as a trail guide for the St. Louis Council, taking scouts on horseback rides and driving horse-drawn hayrides at the nearby 1,400-acre camp. I look forward to continuing my education in water and the workings of DNR.

Roger Meyers, KCRO

I was born and raised in Lafayette County. I graduated from Concordia R-2 High School in 1975 and attended Central Missouri State University. I began work in the water and wastewater industry June 8, 1981 as an operator, working in both the water treatment plant and wastewater lagoons for the city of Concordia. I was promoted to assistant superintendent for water and wastewater in 1984.

I served in that capacity until 2008 when I was promoted to wastewater superintendent. I retired from Concordia in October 2009.

I served on the local volunteer fire department for 29 years, retiring last year at the rank of assistant chief. I still serve as captain of the Emergency Medical Services department there. I also teach as an adjunct instructor for the University of Missouri Fire and Rescue Training Institute.

In retirement I was a contract operator for small water and wastewater systems and did backflow device testing, repair and inspections. I began working for the department June 3, 2013.

My wife Debbie and I have been married for 35 years; we have two daughters and three grandchildren. I enjoy hunting, fishing, shooting sports, a bit of golf and of course spoiling the grandchildren.

****Helpful Hint****

Water systems experiencing changes in staff or contact information need to notify the department of these changes as required by regulation and to ensure you can be reached in the event the department needs to contact you. Systems with outdated information will miss important department communications such as voucher mailings, notification of grant application opportunities, notification of positive or questionable sampling results or outage reports, general permit information and changes in rules and regulations. Updating system information with the department will help save money and avoid violations by ensuring sampling kits are mailed to the correct address (and reach systems on time) and eliminate unnecessary monitoring due to incorrect population information. Making required updates is a relatively easy and quick process.

Word Scramble

www.theteachersconnection.com

- | | | | |
|-----------------|-------|-----------------|-------|
| 1. GLOTCAUEA | _____ | 2. OCINAFTIAGIS | _____ |
| 3. AMRVIGTCREI | _____ | 4. UTEYRAS | _____ |
| 5. EENZMSY | _____ | 6. KWEDEDUC | _____ |
| 7. NSIITNFOEIDC | _____ | 8. EDTGISRE | _____ |
| 9. NYCOEIGRC | _____ | 10. CNOOPDMU | _____ |
| 11. ITLASICE | _____ | 12. FIECGTERNU | _____ |
| 13. TPSIECA | _____ | 14. WAOKLFBC | _____ |
| 15. UESSTBATR | _____ | 16. PAIRRP | _____ |
| 17. POAZROTO | _____ | 18. FUTLALO | _____ |
| 19. OEVTURNRR | _____ | 20. SOINH | _____ |
| 21. TMRIALOY | _____ | 22. MTYLRISEE | _____ |
| 23. UJLEO | _____ | 24. YDTAHCROITS | _____ |

gastification cryogenic substrate molarity backflow duckweed gravimetric centrifuge outfall joule protozoa
estuary lysimeter hydrosatic digester enzymes riprap aseptic overturn coagulate disinfection cillates niosh
compound

Updating your information is as simple as visiting the Operator Certification website at www.dnr.mo.gov/operator. Once there, click on “Drinking Water System Search,” “Search Systems,” “Search by Facility,” enter the facility number, click on “View,” “Print Form to Submit Changes,” then cross through obsolete information, write in the correct information in the spaces provided, then fax or mail to the number or address provided on the form.

Operators, don’t miss important information such as renewal postcard reminders, upcoming classroom training or exam admission letters. You can **update personal contact information online** at www.dnr.mo.gov/operator, or in writing to Missouri Department of Natural Resources, Operator Certification Section, P.O. Box 176, Jefferson City, MO 65101-0176 or by calling 573-751-1600

Operator Certification and Training

Exam Date	Location	Filing Deadline
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	
May 6	Department of Natural Resources 1709 Prospect Dr., Macon	April 6
	Department of Natural Resources 500 NE Colbern Rd., Lee’s Summit	
	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.pdf.

What is the Pretreatment of Wastewater?

Pretreatment is the reduction of the amount of pollutants, the elimination of pollutants or the alteration of the nature of pollutant properties in wastewater before, or in lieu of, discharging such pollutants into a publicly-owned treatment works (POTW).

Commercial or industrial discharges may have potential to disrupt the operation of your POTW or the sewer system. Solidified grease or fat can clog the pipes in your city’s sewer system and cause a sanitary sewer overflow. Cities typically have a fats, oil and grease ordinance to counteract the pipe blockage. Other specific prohibitions against the discharge of petroleum products, corrosive materials or the like may also be included in an ordinance.

Interference is a discharge that inhibits or disrupts the POTW, limits sludge disposal options, or causes a violation of the POTW permit. The drawing on the next page was borrowed from the EPA guidance manuals and shows some recognized forms of interference such as: corrosion, explosions, exposure to toxic fumes, die-off of the organisms responsible for biological treatment, contamination of the sludge so it cannot be land applied and violations of the permit limits.

Cities with industries or regulated industries are affected by pretreatment regulations. Industries that discharge to a POTW with an approved pretreatment program will get a discharge permit from the POTW if there is a potential for interference or if federal regulations apply to the wastewater discharge from that industrial category. Cities without an approved program should notify the state about significant industrial users. All industrial users, whether they are permitted or not, are required to comply with general pretreatment regulations and any federal regulation that applies to their industrial category.

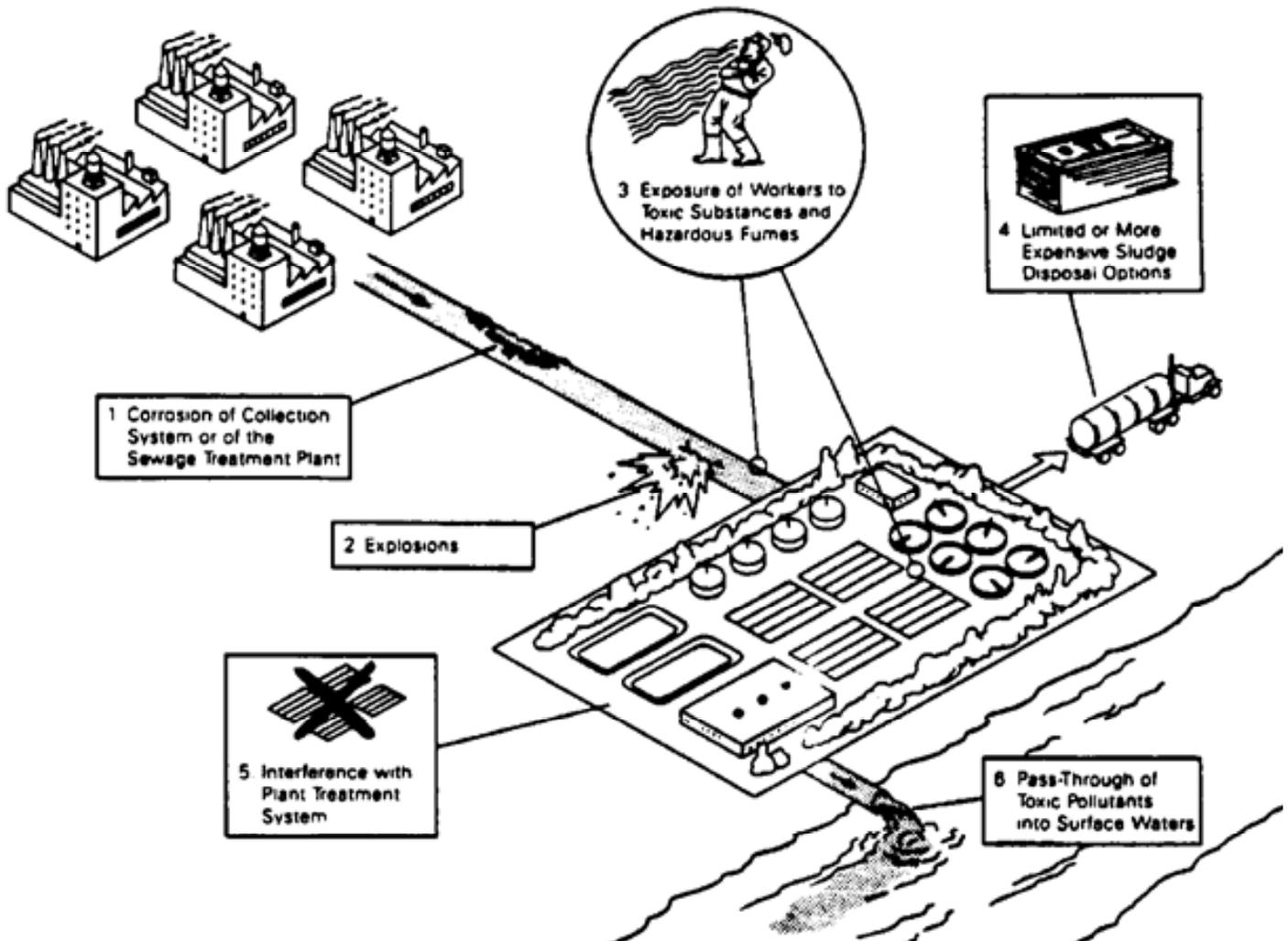
About 45 cities in Missouri implement an approved pretreatment program. An approved pretreatment program is required for cities when there is a potential for interference, or for larger cities with industries subject to federal limits on their wastewater. Specifics about who would be required to develop an approved pretreatment program are in the state and federal rule at 40 CFR 403.

What is new? Missouri adopted the federal regulations in the Code of State Regulations at 10 CSR 20-6.100, effective Oct.30, 2012. Included is a list of the industrial categories with federal pretreatment limits. A useful EPA publication was recently updated: *Introduction to the National Pretreatment Program*, EPA-833-B-11-001, June 2011. This is available at http://www.epa.gov/npdes/pubs/pretreatment_program_intro_2011.pdf.

For more information, contact Walter Fett, Pretreatment Coordinator, Missouri Department of Natural Resources, Water Protection Program, P.O. Box 176, Jefferson City, MO 65102, by phone at 573-526-4589 or at walter.fett@dnr.mo.gov. 573-751-1600.

Visit us on the Web!

The list of approved training changes frequently as new courses are reviewed and approved by department staff or trainers adjust schedules. By the time this newsletter reaches you, there may be new courses available in your area. Visit www.dnr.mo.gov/env/wpp/opcert/oprtrain.htm to view an up-to-date list of approved operator certification courses.



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>



MISSOURI DEPARTMENT OF NATURAL RESOURCES

Operator Certification Section

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DECEMBER 2013