



IOWA DEPARTMENT OF NATURAL RESOURCES

Water Supply News

Environmental Services

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Water Day at the Iowa State Fair: August 14, 2018

“Conserving Our Resources” is the theme this year at the DNR Courtyard Exhibit at the Iowa State Fair on Tuesday, August 14th. The courtyard is on the west side of the DNR Building at the fairgrounds. The DNR Water Supply program staff will be making courtyard presentations from 10:00 a.m. to 3:00 p.m., around the topic of “Every Drop Counts – From the Ground to the Tap”. There will be displays of lead plumbing, a working groundwater model, hands-on filter demonstration, and jar testing. Coloring pages will be available, too.

Iowa Water and Wastewater Workers Week: August 19 - 25, 2018

On June 12, 2018, Governor Reynolds signed a proclamation declaring August 19 - 25 as Water and Wastewater Workers week - a week set aside to honor water and wastewater workers of the State of Iowa. The Governor chose to issue this proclamation in recognition of the workers that have dedicated themselves to applying environmental science to enhance drinking and recreational waters of Iowa and to improving the quality of life for all Iowans by preserving and protecting



public health and promoting sustainability.

Iowa Public Drinking Water Program 2017 Annual Compliance Report

Under the 1996 reauthorized Safe Drinking Water Act, the DNR is required to publish an annual report of the status of its public drinking water program. The 2017 report is available on the [website](#).

The report was compiled by the staff of the DNR, using data collected in 2017 from all active public water supplies in the state. The report contains a summary of the program, a description of the requirements that systems must meet, the year's violation statistics, and the list of the systems with each health-based standard or major monitoring or reporting violation incurred during the year.

The photographs in the report are from Drinking Water State Revolving Loan Fund projects, primarily those that were completed during the year. The maps depict the public water supply system universe in Iowa and the locations of the systems that incurred the health-based standards and major monitoring and reporting violations. The maps are also separately listed on the website.

Iowa had 1,841 active public water supply systems in 2017. Of those systems, 95.8% were in compliance with all health-based drinking water standards, and 80.8% were in compliance with all major monitoring and reporting requirements. There were no waterborne disease outbreaks or deaths attributed to the drinking water at any active public water supply in Iowa during the year.

ASCE 2017 Infrastructure Report Card Now Available

The American Society of Civil Engineers has released their [2017 report card](#) of the condition of the nation's infrastructure, including drinking water.

The [drinking water report card's](#) overview states: "Drinking water is delivered via one million miles of pipes across the country. Many of those pipes were laid in the early to mid-20th century with a lifespan of 75 to 100 years. The quality of drinking water in the United States remains high, but legacy and emerging contaminants continue to require close attention. While water consumption is down, there are still an estimated 240,000 water main breaks per year in the United States, wasting over two trillion gallons of treated drinking water. According to the American Water Works Association, an

estimated \$1 trillion is necessary to maintain and expand service to meet demands over the next 25 years.”

RTCR Sampling Plan Templates Available

The coliform bacteria sampling plan templates have been updated to include the revised total coliform rule requirements as well as to include the groundwater rule requirements that had previously been in a separate plan. There are several templates available, to accommodate the various sampling frequencies and source water types.

The [website](#) has both .doc and .pdf versions, in fillable format. If you'd like a Word document that's able to be modified, please ask your water supply contact in the field office or WS operations section, and it will be emailed to you.

IDNR WS Staff Speaking Engagements

Iowa DNR staff in the water supply program areas are scheduled to speak at the following events. The date, sponsor and event, location, subject, and contact for more information are listed.

- August 28-29, 2018, AWWA-IA Section Fall Short Course, Ankeny. “IDNR WS Update; Discussion of Events at Creston/SIRWA Panel; Nitrification in Distribution Systems.” [Brochure and registration](#).
- September 11–12, 2018, IRWA Fall Conference, Okoboji. “IDNR WS Update.” [Brochure and registration](#) (agenda is at the bottom of the page)
- September 19, 2018, American Membrane Technology Association (AMTA), North Liberty. “Membrane Applications in Iowa and Regulatory Considerations.” [Brochure and registration](#). Space limited to 50 attendees.
- September 27, 2018, SHL Laboratory Symposium, Coralville. “IDNR Rules; Roundtable on Ammonia and Nitrite.” [Brochure and registration](#).
- October 10, 2018. IA-AWWA Region 3 Workshop, Western Iowa Tech., Cherokee. “IDNR WS Update.” Brochure and registration available at a later date. Contact Brad Puetz, Sioux City Water Treatment Plant at 712-279-6130.
- October 23-24, 2018. IRWA Fall Conference, Dubuque. “IDNR WS Update.” [Brochure and registration](#) (agenda is at the bottom of the page)

For other professional development opportunities, see the “Training Calendar” at programs.iowadnr.gov/opcertweb/.