



IOWA DEPARTMENT OF NATURAL RESOURCES

Water Supply News

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New Water Use Videos: How to complete the Annual Report Form

The DNR's Water Use staff have developed two videos on how to complete the annual water use report form. The videos are now available on the [website](#) and are closed-captioned. Chad Fields narrates the first video, followed by Charlotte Henderson's narration in the second video to complete the report.

Disaster Planning Tools

Because September is National Preparedness Month, EPA has sent out three documents or websites to assist systems in planning:

- [Hazard Mitigation for Natural Disasters](#)
- [Flood Emergency Planning](#)
- [Drought Recovery and Response](#)

Report on Preventing Childhood Lead Exposure

From ASDWA Weekly Update of August 31, 2017

"The Health Impact Project, a collaboration of the Robert Wood Johnson Foundation and the Pew Charitable Trusts, has issued a new report on preventing childhood lead exposure – Ten Policies to Prevent and Respond to Childhood Lead Exposure. To prepare the report, a team of experts was assembled to evaluate various policies to address childhood lead exposure.

The group looked at the costs and benefits of each approach. Lead in drinking water was examined along with other household hazards such as lead paint. One of their priorities,

based on the actions that would have the most positive effect on blood lead levels, was reducing lead in drinking water in homes, schools and other places that children frequent.

Specifically, “Removing leaded drinking water service lines from the homes of children born in 2018 would protect more than 350,000 children and yield \$2.7 billion in future benefits, or about \$1.33 per dollar invested.” The group also highlighted the need for better access to data on lead and lead exposure. [See the full report.](#)

In a related action, the Trust for America’s Health (TFAH) produced an “Issue Brief” on the report and its significant findings and recommendations. TFAH indicates this will be the first in a series of briefs on the report to help policy makers understand the importance of this information. [See the issue brief.](#)”

USGS Study Shows PFASs Remain in Groundwater for Decades

ASDWA Weekly Update of August 31, 2017

“A new study by the US Geological Survey (USGS) explores the persistence and transport of poly- and perfluoroalkyl substances (PFASs) in groundwater. These compounds originated from both firefighting foams and domestic and industrial wastewater sources. PFASs gained prominence in drinking water as a number of contamination sites were identified in recent Unregulated Contaminant Rule (UCMR) monitoring. To show the persistence of these chemicals, contamination continues at fire training areas and wastewater facilities that ceased operation over 20 years ago.

The sources that were studied included a fire training area where foams were used to extinguish fuel fires and infiltration beds where secondarily treated domestic wastewater was applied. A total of 148 groundwater samples and 4 sediment cores were collected from multiple locations along a 1,200-meter-long transect oriented in the direction of the groundwater flow at the study site. Samples were analyzed for a mixture of PFASs by using liquid chromatography-tandem mass spectrometry. This research provides techniques to characterize the fate and transport of the PFASs in plumes emanating from two different types of sources that are widely distributed on the landscape. Understanding the fate and transport of PFASs in groundwater allows water resource and public health managers to identify the risk and minimize exposures of populations to toxic contaminants.

[For more information.](#)”

RCAP/AWWA Workshop for Small System Operator Training: Achieve & Maintain Compliance with the Safe Drinking Water Act (EPA Small Systems Training Grant)

From AWWA-IA Section, September 5, 2017

This free one-day workshop is offered by the Iowa Section American Water Works Association (Iowa Section- AWWA) and the Midwest Assistance Program (MAP). The training is funded by a grant from the U.S. Environmental Protection Agency. The training is for small systems, serving fewer than 10,000 people.

- When: Wednesday, September 20, 2017, 8:00 AM- 4:30 PM
- Location: University of Iowa-Ankeny State Hygienic Lab, 2220 South Ankeny Boulevard, Ankeny
- Registration: Free; Lunch Provided; 5 CEU Hours
- To Register: Call 515-283-2169; Email: info@awwa-ia.org

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.

- September 12 - 13, 2017, IRWA Fall Conference, Okoboji. "IDNR Water Supply Update." [Website](#) for brochure and registration.
- September 12, 2017, EPA Region 7 Environmental Finance Center (Wichita State), St. Joseph, MO. "Regional Water Finance Forum." More [information](#).
- September 28, 2017, Iowa League of Cities Annual Conference, Davenport. "Infrastructure Financing; Operator certification and what higher grade classifications mean to cities." [Website](#).
- September 28, 2017, SHL 50th Annual Laboratory Symposium, Ankeny. [Website](#) for brochure and registration.
- October 4, 2017, Region 3 IA-AWWA Meeting, Cherokee. "IDNR WS Update." [Website](#).
- October 10-12, 2017, AWWA Annual Meeting, Council Bluffs. "LUST Sites and Water Mains; IDNR Water Supply Update; Cyanobacteria." [Website](#) for brochure and registration.
- October 10 - 11, 2017, IRWA Fall Conference, Dubuque. "IDNR Water Supply Update." [Website](#) for brochure and registration.
- November 15, 2017, IAMU Water Operators Training Workshop, Ankeny. "IDNR Water Supply Update." [Website](#) for brochure and registration.

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