

This is the Iowa Department of Natural Resources' Water Supply Listserv for July 5, 2017

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IOWA DEPARTMENT OF NATURAL RESOURCES

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DWSRF Eligibility Handbook Just Released

The U.S. Environmental Protection Agency released the final version of its "Drinking Water State Revolving Fund Eligibility Handbook" in late June. The handbook emphasizes that the purpose of the DWSRF is to help carry out the public health protection goals of the Safe Drinking Water Act. It outlines which water systems are eligible to borrow, provides examples of projects that may and may not be funded, and discusses various ways states are using the DWSRF set-asides.

The handbook is online on this Iowa [SRF website](#).

For more information, contact Gabe Lee, PE, at 515-725-2990 or gabe.lee@dnr.iowa.gov.

FY 2018 IUPs Approved by EPC

The Iowa Environmental Protection Commission approved the Clean Water SRF and Drinking Water SRF Fourth Quarter Intended Use Plans for fiscal year 2018, which begins July 1, 2017. The Commission took the action on June 20, 2017 at their meeting in Windsor Heights.

- [Clean Water State Revolving Fund](#)
- [Drinking Water State Revolving Fund](#)

For more information, please contact Patti Cale-Finnegan, SRF Coordinator, Iowa Department of Natural Resources, 515-725-0498 or patti.cale-finnegan@dnr.iowa.gov.

SOC and IOC Monitoring Changes Effective July 1st

There are three inorganic chemical compounds (IOC) that had been waived from monitoring, which are required to be included now. There are two synthetic organic chemical compounds (SOC) that are now required to be monitored, and four synthetic organic compounds that are no longer required to be monitored. Community and non-transient non-community systems are affected by these changes. Transient community systems will not see any changes.

The IOC changes are due to a review of Iowa's monitoring waivers by EPA Region 7 during our 2016 audit. The IOC waivers cannot be permanent. The SOC waivers can be permanent, but two SOC's were added back into the monitoring scheme because of the increased or significant usage in the state. The changes have been presented at the various operator training conferences and workshops this year.

Beryllium and cyanide are required monitoring for all CWS and NTNC systems as part of the IOC series, and is collected at each source/entry point. Asbestos is only required if the system has identified asbestos pipe in its distribution system. The monitoring is scheduled as part of the IOC series, beginning July 1st. Asbestos sampling requires a sample to be collected after the longest length of asbestos pipe in the distribution system, which will most likely be a unique sampling point.

For the SOC's, glyphosate and diquat now are included in the required monitoring. The four SOC's that are no longer included in the required monitoring are benzo-a-pyrene, dalapon, dinoseb, and 2,4,5-TP Silvex. The monitoring is conducted as part of the SOC's, on the same schedule, and is collected at each source/entry point.

Contact the person listed in your operation permit with questions.

Iowa Public Drinking Water Program 2016 Annual Compliance Report Available

The Iowa Public Drinking Water Program 2016 Annual Compliance Report is now available on the [ACR website](#). There are three maps that are also included on the website, which depict the location of Iowa's public water supply systems, the systems with health-based standards violations in 2016, and the systems with major monitoring or reporting violations in 2016.

One of the most significant changes was the implementation of the revised total coliform rule (RTCR) that happened in April 1, 2016. That rule eliminated the non-acute total coliform bacteria maximum contaminant level violation, and replaced it with the requirement for the system's owner or operator to conduct an assessment of the system for sanitary defects. On the coliform bacteria MCL 10-year history chart (page 22), it appears that the violations have dropped the single digits, so the assigned assessments were added to provide context.

Otherwise, the violations data are similar to the past two years. The photos in the report are taken from DWSRF projects during the year. This report was submitted to EPA on June 30th, meeting the state program's obligation for the year.

Annual PWS Operation Fee Bills Mailed

The annual operation fee bills for all public water supply systems were mailed last week. The fees are due by September 1st, or a late fee is assessed.

Sampling Reminder: Disinfection byproducts

All of the community and non-transient non-community systems that use water to which a disinfectant or oxidant has been added should check their operation permit and see if monitoring for total trihalomethanes (TTHM) and haloacetic acids (HAA5) is required.

- Determine if sampling is required this year
- If so, is it in July or August?
- Contact the lab to make sure the bottles are sent.
- Sample within the assigned month so a monitoring violation is avoided.

In 2016, there were 26 systems that didn't collect their TTHM and HAA5 samples, and incurred monitoring violations.

EPA's New Water Utility Response On-The-Go App

"The Water Utility Response On-The-Go App consolidates and makes accessible from the field, information and tools that water utility operators and their response partners may need during an emergency. Downloading Response On-The-Go can help responders and stakeholders increase situational awareness, facilitate coordination, and enhance overall response efforts.

The App allows users to:

- Identify and contact emergency response partners
- Monitor local and national severe weather
- Review and complete incident-specific checklists

- Populate, save and email damage assessment forms with photo attachments
- Access Incident Command System procedures and resources”

See the [website](#) for more information and the applications to download.



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.

- July 10-11, 2017: Ankeny Annual Water Conference, Ankeny. “IDNR Water Supply Update; Ammonia and Nitrification.” [Registration](#)
- August 28-29, 2017, AWWA Fall Short Course, Ankeny. “IDNR Water Supply Update.” Brochure will be available later at this [website](#).
- September 12 - 13, 2017, IRWA Fall Conference, Okoboji. “IDNR Water Supply Update.” Brochure will be available later.
- September 12, 2017, EPA Region 7 Environmental Finance Center (Wichita State), St. Joseph, MO. “Regional Water Finance Forum.” [More information](#).
- September 28, 2017, SHL 50th Annual Laboratory Symposium, Ankeny. [Brochure and registration](#) available.

- October 10-12, 2017, AWWA Annual Meeting, Council Bluffs. “LUST Sites and Water Mains; IDNR Water Supply Update.” Brochure will be available later.

For other professional development opportunities, see the [“Training Calendar.”](#)