



IOWA DEPARTMENT OF NATURAL RESOURCES

Water Supply News

Environmental Services

- [Important Operator Certification Drinking Water and Wastewater Treatment Exam Information](#)
- [Other DNR Environmental Services Division Staff are also Moving](#)
- [Reminder - SOC and IOC Monitoring Changes for CWS and NTNC Systems](#)
- [Save the Date for the Annual SRF Sponsored Project Workshop](#)
- [New USGS Maps show Areas Where Groundwater is Important Source of Drinking Water for Homeowners](#)
- [IDNR WS Staff Speaking Engagements](#)

Important Operator Certification Drinking Water and Wastewater Treatment Exam Information

The Iowa Department of Natural Resources is moving both the Operator Certification Program staff and the testing area from the second floor to the fifth floor of the Wallace State Office Building in Des Moines. Due to this move, Drinking Water and Wastewater Treatment exams will not be available at the Wallace Building from November 13, 2017 through January 2, 2018. Exams will still be offered at five Regional Field Offices during this time by appointment (Manchester, Mason City, Spencer, Atlantic, and Washington). Please call us at 515/725-0463 with any issues this may cause and we will be happy to work with you on a solution. We thank you for your patience during this time of transition.

Laurie Sharp, Iowa DNR's Drinking Water & Wastewater Treatment Operator Certification Program, Laurie.sharp@dnr.iowa.gov

Other DNR Environmental Services Division Staff are also Moving

The Water Supply Sections will also be moving in the Wallace Building from the current space on the second floor, to the east side of the fifth floor. The move will happen in stages, as the offices become available, so that staff will be able to cover the necessary work functions during the move. The move will start in a week or so, and should be completed by Thanksgiving.

The Air Quality Bureau will be moving from their offices in the Ingram Building in Windsor Heights to the Wallace Building, second floor, with the anticipated timeline of the end of December for the relocation to be completed.

Field Office 5 will remain at the current Ingram Building location in Windsor Heights.

The Environmental Protection Commission meetings will likely continue to be held in the Roosevelt Room at the Ingram Building on occasion.

Reminder - SOC and IOC Monitoring Changes for CWS and NTNC Systems

There are three inorganic chemical compounds (IOC) that had been waived from monitoring, which are required to be monitored now. There are two synthetic organic chemical compounds (SOC) that are now required to be monitored, and four SOC that are no longer required to be monitored. Community and non-transient non-community systems are affected by these changes. Transient non-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 were added back into the monitoring scheme because of the increased or significant usage in the state.

IOC: Beryllium and cyanide are required monitoring for all CWS and NTNC systems as part of the IOC group, and the sample is collected at each source/entry point. The monitoring of beryllium and cyanide is scheduled as part of the IOC series, beginning July 1st. For example, if a system's IOC series is due in the first quarter of 2018, the beryllium and cyanide will be included in the testing conducted by the laboratory along with the rest of the IOCs.

Asbestos is the third IOC that is no longer waived from monitoring, and is only required if the system has identified asbestos pipe in its system. 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. In the unusual instance where the only asbestos pipe is the transmission pipe from the wellfield to the water treatment plant, the sampling site is the source/entry point. The requirement for asbestos testing will be changed in the operation permit when the permit is next renewed.

SOC: 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 series, and the sample is collected at each source/entry point. Similar to the IOC series, the next time the SOC series is required, the laboratory will analyze for glyphosate and diquat, and will not analyze for the other four SOC.

Contact the person listed in your operation permit with questions.

Save the Date for the Annual SRF Sponsored Project Workshop

Save the date for November 15 to learn more about how to implement a sponsored project in your community. Please forward to anyone else that may be interested. Registration

information will be sent out next week!

[Information about sponsored projects](#)

New USGS Maps show Areas Where Groundwater is Important Source of Drinking Water for Homeowners

From USGS, October 4, 2017

[“New U.S. Geological Survey maps](#) show where people across the Nation rely on private wells for their drinking water. The maps will help determine where focused groundwater-quality testing or further studies are needed to help ensure safe drinking water from private wells.

Groundwater is an unseen but crucial resource for drinking water. Over 44 million people in the U.S. rely on private wells for their drinking water.

The maps estimate the number of people using private wells in a given area, but individual wells are not identified. Until now, areas where private wells are predominantly used were not well known .

This study was done by the USGS National Water-Quality Assessment Project, which conducts regional and national assessments of the Nation’s water quality to provide an understanding of current water-quality conditions, whether conditions are getting better or worse over time, and how natural processes and human activities affect those conditions."

Explore these USGS web pages on private wells and groundwater quality:

- [Quality of Water from Private Wells in the United States](#)
- [Potential Corrosivity of Untreated Groundwater in the U.S.](#)
- [Residential Water Use in the United States](#)

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.

- 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/.