



Iowa Department of Natural Resources Water Supply Listserv – June 13, 2017

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New Governor means New Letterhead

Correspondence from the Iowa DNR has a new look because the letterhead has changed to include the new Governor. It's in use now.

Staff Update

Hal Frank is retiring, and Thursday is his last day with the Water Supply Operations Section. Hal is a geologist by formal education and his work in the private sector. He's been with the section since the summer of 1996, working initially as an environmental specialist in compliance and enforcement, and then primarily in the areas of data management, queries, report development, and permit development. He'll be missed and we wish him an excellent adventure on this next chapter of his life.

WRF New Cyanotoxin Webcast Series to Start this Month

From ASDWA Weekly Update, 6/9/2017

"The Water Research Foundation will kick off a new series of three webcasts this month to share the latest information and resources about cyanotoxins in drinking water. All webcasts are being offered free of charge and are open to the public. Following are the webinar topics, descriptions, and registration information.

Development of a Risk Communication Tool Kit for Cyanotoxins

Tuesday, June 27, 2017

2:00pm - 3:00pm (CDT)

[Register Online](#)

This Webcast is designed to provide listeners with the necessary knowledge to develop and deliver effective cyanotoxin risk communications (WRF project #4697). Listeners will learn about specific attributes of the cyanotoxin risk management framework that can create potential communication barriers, for example the complexity of the EPA health guidance and the uncertainty inherent in monitoring and testing timing and protocol. Listeners will also be introduced to the linguistic research carried out during the project, which was used to develop recommended health advisory/alert language.

Evaluation and Optimization of Cyanotoxin Analytical Methods

Thursday, July 13th, 2017

2:00pm - 3:00pm (CDT)

[Register Online](#)

This webcast will explore the results of Performance Evaluation of Methods for the Analysis of Cyanotoxins (project #4647). The goal of this project is to compare the Ohio EPA and U.S. EPA (Method 546) ADDA-ELISA methods and EPA Method 544, "Determination of Microcystins and Nodularin in Drinking Water by Solid Phase Extraction (SPE) and Liquid Chromatography/Tandem Mass Spectrometry (LC/MS/MS)" and investigate the inconsistencies between the methodologies as well as the precision and accuracies within each method. The findings for this project will be published in 2018; however, valuable preliminary findings will be shared during this webcast.

Treatment Approaches for Managing Dissolved and Intracellular Cyanotoxins

Tuesday, August 15, 2017

2:00pm - 3:00pm (CDT)

[Register Online](#) This webcast will highlight the effectiveness of conventional and advanced treatment processes for managing intracellular and extracellular cyanotoxins while minimizing unintended consequences. In addition, a summary of the Hazen-Adams CyanoTOX model v.2.0 will be presented. Case studies will be used to illustrate how the model worked at various utilities and will be used to provide a basis for evaluating treatment options."

EPA HABs Webinar on Treatment, Communications, and Management

From ASDWA Weekly Update, June 9, 2017

"On Tuesday, June 27th from 1:00 pm to 2:30 pm (CDT), EPA's Office of Research and Development (ORD) will host a webinar entitled, "Harmful Algal Blooms: Treatment, Risk Communications Toolbox, and Management Plans," as part of the EPA Small Drinking Water Systems Webinar Series. During the webinar, EPA presenters will:

- Share information about multiple EPA tools that facilitate proactive planning for harmful algal blooms, including the support document Recommendations for Public Water

Systems to Manage Cyanotoxins in Drinking Water and the Cyanotoxin Management Plan Template and Example Plans.

- Provide a brief overview of drinking water treatment options for cyanobacteria and their toxins, focusing on the impacts of permanganate addition to suspensions of toxin-producing *Microcystis aeruginosa*, followed by powdered activated carbon addition.”

[Registration](#).

EPA Releases Green Infrastructure in Parks: A Guide to Collaboration, Funding, and Community Engagement

From EPA Office of Water, June 9, 2017

“EPA has produced a guide to encourage partnerships between park agencies and stormwater agencies to promote the use of green infrastructure on park lands. Green infrastructure can help to maximize the environmental, economic, and social benefits of parks. By building strong partnerships, agencies can improve park lands and access to parks, better manage stormwater, increase community resiliency to shifting weather patterns, and provide funding to implement and maintain park enhancements that benefit the community.

The guide is designed to provide a stepwise approach for building relationships with potential partners, and includes information on how to identify and engage partners, build relationships, involve the community, leverage funding opportunities, and identify green infrastructure opportunities. It includes recommendations on the types of projects that are most likely to attract positive attention and funding, and which provide a wide range of benefits.

Case studies are included to illustrate the approaches presented in the guide. These real-life examples portray how partnerships between municipal stormwater agencies and parks departments have improved recreational resources in the community, enhanced environmental protection, and reduced risks and burdens.”

[Brochure](#) (28 pages, 12 Mb)

Consumer Confidence Report – Due July 1st!

Another reminder that the community water supplies must develop and distribute the Consumer Confidence Report by July 1st to its consumers. Contact the person listed in your operation permit if you have any questions.

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.” [Registration](#)
- August 28-29, 2017, AWWA Fall Short Course, Ankeny. “IDNR Water Supply Update.” Brochure will be available later.
- September 28, 2017, SHL 50th Annual Laboratory Symposium, Ankeny. [Registration](#) will be available after June 20th.

- 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”](#).



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