

Statewide Water Quality Management Working Group

Tuesday, October 11, 2016

10:00 a.m. – 12:00 p.m.

Location: Either on your computer, or in 5430 C

Arizona Department of Environmental Quality

Conference Room 5430C

1110 W. Washington Street

Phoenix, AZ 85007

(602) 771- 4606 before Oct. 11th.

Parking is available in the ADEQ Visitor garage on Washington.

Agenda

1. **Call to Order and Introductions**

2. **Announcements**

Committee members and state agencies are invited to provide program updates. State agencies invited to contribute including the Water Finance Authority (WIFA), State Land Dept., Arizona Dept. of Water Resources, Arizona Game and Fish and Arizona Corporation Commission.

Call to the Audience – No calls to the audience at this time.

3. **Approval of the Minutes**

The Working Group will vote to approve the minutes from the WQMWG meeting held on July 26, 2106

4. **Presentation by Jean McClain**

TITLE: Recycled Municipal Wastewater and Antibiotic Resistance: Is There a Connection?

ABSTRACT: A fast-growing body of peer-reviewed literature exists that attempts to identify direct links of bacterial antibiotic resistance to water reclamation processes. However, it is becoming increasingly clear that such links are extremely complex, and are dependent upon physical and chemical water composition, reclamation methods (including solids retention time, disinfection methods, management of distribution systems and other variables), and background antibiotic resistance found in natural

systems un-impacted by water reclamation. This presentation will cover what is currently known, what is unknown, about antibiotic resistant bacteria in water, and will cover basic information needed by every water professional facing questions regarding water quality and antibiotic resistance.

BIO: Jean McLain has been the Associate Director and an Associate Research Scientist at University of Arizona Water Resources Research Center since 2011 following a 10-year career with the USDA-Agricultural Research Service. Jean's work in Environmental Microbiology includes the management of an international research program focused on establishing the human health and environmental risks of using recycled municipal wastewater for crop irrigation, replenishment of surface water, and groundwater recharge. Jean holds a Bachelor of Science Degree in Forestry from the University of Vermont, and a Master's Degree in Forest Science from Yale University. She received her Ph.D. from Duke University in Microbial Ecology in 2002.

5. Committee Fact Sheet discussion – Action item

6. Presentation by Julie Hoffman

Streamlined MAG 208 Water Quality Management Plan Process and Small Plant Review and Approval Process

The Arizona Department of Environmental Quality (ADEQ) has been streamlining various processes in order to issue permits faster and be more responsive to its customers, the regulated community. MAG shares the importance of economic development for the region with ADEQ and agreed to work cooperatively with them on streamlining options for the 208 Water Quality Management Plan Process that would not jeopardize the integrity of the process. The goal of this effort was to make the 208 Process more efficient and the region more globally competitive. On August 26, 2015, the MAG Regional Council approved the Proposal for Streamlining the 208 Water Quality Management Plan Process. The entire 208 Process was streamlined from approximately 18 to 24 months to approximately nine months, representing a 50 to 63 percent reduction in the overall timeline for a 208 amendment. As recommended by the Stakeholder Group for 208 Streamlining, corresponding changes were also made to the Small Plant Review and Approval Process. On December 16, 2015, the MAG Regional Council approved the Proposal for Streamlining the MAG 208 Water Quality Management Plan Small Plant Review and Approval Process. This process was streamlined from approximately 12 to 17 months to approximately six months, representing a 50 to 65 percent reduction in the overall timeline for a Small Plant Review and Approval. Please refer to the attached material.

7. ADEQ Staff Report

8. Status of 208 Plans and Plan Amendments

- A. CAG
- B. La Paz County
- C. MAG
- D. Mohave County
- E. NACOG
- F. PAG
- G. SEAGO
- H. Yuma County

9. Call to the Audience

10. Next Meeting Date/Request for Future Agenda Items