

**Waste Water Advisory Council- Drinking Water Advisory Council
Joint Meeting
Draft Meeting Minutes
June 12, 2019, 10 a.m. – 12:30 p.m. EDT
151 Flynn Avenue, Frankfort Plant Board Conference Room
Frankfort, Kentucky**

- Attendees Sean Alteri(KDEP), Jory Becker(DOW), Brian Bingham(MSD), Rob Blair(DOW), Lane Boldman(KY Conservation), Chloe Brantley(DOW), Carl Breeding(KLC), Linda Bridwell(KIA), Joe Burns(KRWA), Jennifer Carey(LFUCG), Claude Carothers(DOW), John Dix(WCWD), Erin Donges(PSC), Annette Dupont Ewing(KMUA), Josh Gabbard(Berea Utilities), Sarah Gaddis(DOW), Mike Gardner(BGMU), Peter Goodman(DOW), Shawn Hokanson(DOW), Anthony Hollinsworth(USDA/RD), Tammi Hudson(DOW), Jason Hurt(DOW), Alicia Jacobs(DOW), Carey Johnson(DOW), Gary Larimore(KRWA), Amanda Lefevre(DCA), Valerie Lucas(KY-TN WEA), Maggie Mahan(RCAP), Charlie Martin(LFUCG), Russell Neal(DOW), Alex Novak(MSD), Veronica Roland(DCA), Julie Roney(FPB), Justin Sensabaugh(KAW), Charles Snavely(EEC), Mark Sneve(ACEC), Rengao Song(LWCKY), Robin Strader(KWWOA), Wesley Sydnor(MSD), Jennifer Taimi(DOW), Joe Uliasz(DOW), Mary Carol Wagner(NKY) – Kay Sanborn proxy, John Webb(DOW), Mike West(DEP-OLS)
- Introductions and Welcome - Division of Water Director (Peter Goodman)
 - Alicia Jacobs - Drinking Water Branch Manager
 - Shawn Hokanson - Water Resource Branch Manager
 - Mike West – General Counsel for DEP
- Announcements
 - Jack Stickney is retiring at end of June
 - Source Water Protection Committee meeting minutes from March 21, 2019 provided
 - HAB Workgroup meeting Thursday, June 13, 2019
 - Infrastructure Sustainability Committee will meet Jun 24, 2019
 - Water for Life KY/TN Sunday, August 18, 2019
 - EPA WaterReuse Conference Sept 2019 San Diego, CA
 - Operator Shortage Summit - November 15, 2019
 - Kentucky Rural Water Association Apprenticeship Program has been approved.
 - Women in Water Planning Meeting July 9th Louisville
- Secretary Snavely spoke regarding nutrients. **Nutrient** reductions conversations have taken place with USDA, NRCS & EPA in reference to moving Kentucky efforts forward. The cabinet will begin to work on Wastewater System and the Agricultural side looking to move forward with effluent numbers on the wastewater side. It is the cabinet desire to be preemptive concerning this regulations which would result in not being controlled by external forces.
 - Questions were received concerning nutrients such as reviewing the Iowa model. What is the Water Resource Board role in this implementation? Optimization Affordability Study desired also.
- Agenda Approved
- **Hypoxia Task Force Report** (John Webb) Hypoxia zone size is approximately the size of New Hampshire this is the estimation from the last 34 years of record. Kentucky is part of the Gulf Hypoxia Task Force and Pete is the chair of the group. This group is comprised of twelve states that sits on the Mississippi main stem along with five federal agencies that are working together to develop strategies to address nutrient pollutions through providing common BMP's. Previous meeting in Baton Rouge both Pete and Secretary were in attendance. The DOW is updating the

2014 strategy to align the nutrient discussion with both non-point source and point source side. As a state Kentucky can be better in tracking data and sharing/telling our story in reference to progressing in the nutrient realm. It appears that we are on the backside of identifying to others the progress that have taken place however when compared to the other 12 states our actions and methods are comparable. We will continue to move forward addressing both point source and non-point discharges which includes the agriculture community.

- Joint WWAC & DWAC March 2019 Meeting Minutes approved
- Sub-committees Assignments & Action Items
 - WWAC
 - **Nutrients** (Brian Bingham) Identifying options to move forward. What is the best path for each community and what path or series of paths would be best for all parties within the state?
 - Change Regulations – May not be the best solutions for all parties involved
 - Declaratory Ruling – Set guidelines not as strong as law but would provide guidance to work with. (Secretary would be the Declarative Authority in Kentucky)
 - Best Management Practices – by placing in each permit the requirement of doing the appropriate studies of options and affordability and make necessary changes to optimize your system – this would be a cheaper way to start and would also give greater knowledge to all parties involved.
 - A combination of Declaratory Ruling & BMP's
 - Small Systems (Gary Larimore – no report)
 - Compliance (Sarah Gaddis – no report)
 - DWAC
 - **PFAS** (Peter Goodmann) PFAS in drinking water is a hot topic currently and the data information concerning this issue is very limited other than UCMR3 Data. Kentucky currently shows no significant problems through the data provided by UCMR3. Only 1.2% of the samples had any detection. We are however looking at our systems and will break it down into four categories: Urban Watersheds, Non-Urban Watersheds, Ground Water, and Surface Water. We are trying to get an identification of the current status. We are proceeding systematically in order not to create unrealistic expectations as such has happened in other states. We have already conducted two rounds of successful sampling to date.
 - **Drinking Water Operational Permits** (Peter Goodmann) There are compelling reasons to consider this and a committee will be forthcoming. Volunteers are being accepted.
 - Compliance/Regulations (Maggie Mahan) The Flushing Program has been finalized and it's a guidance document that is not regulatory. The electronic reporting is still several months out before completion.
 - **Source Water Protection** (Rob Blair) Dorothy Rader from Kentucky American Water presented their source water protection program focusing on educational outreach, and watershed survey and assessments targeting some potential contaminants. She also spoke about source water monitoring including statewide or river basin wide. Dorothy brought with her a representative from Aquatic Control, the contractor who helped control algae in the Richmond Road reservoir, and they displayed and explained some of their technology
 - Matt Glass is the new Committee Chair

- Joint Sub-Committee: **Water Reuse** (Valerie Lucas) One third of all water workers will retire in the next 10 years. Recruitment for water is necessary and we desire to recruit the best. Water reuse is a great way to display innovation in the water industry. All are aware that water is a key ingredient in beer. Reclaimed water from the Fords Fork Water Quality Treatment Center will proceed through a purification process and this water will be distributed to brewers. The breweries will take the processed water and create a craft brew. Four breweries in Louisville are on board and they estimate making over 10 thousand glasses of beer to sample during the Water conference. We believe this is an innovative way to teach and make the public aware of the water industry. Kentucky is one of three states that doesn't have regulations for water reuse. This does not put us at a disadvantage because many states' regulations are antiquated. It allows us to proceed with innovation and technology because of the restriction-free opportunity we are currently operating under.
- Joint Sub- Committee: **Infrastructure Sustainability** (Linda Bridwell) The committee met on March 14 with a focus of looking at the impact of the American Waters Infrastructure Act and the regulations that were being put forward. We compiled comments and then sent them to EPA. Also some of the items coming out of AWIA is the Water Loss set aside. Every state will have a water loss set aside as part of their funding and their drinking water SRF. We also discussed the lead service line focus.
 - Earl Coffey has joined the Joint Infrastructure Sustainability Committee
 - **Asset Management Workgroup** (Russell Neal) In late 2018, Congress passed America's Infrastructure Act which amends the Safe Drinking Water Act with several provisions affecting the drinking water program and the state revolving fund. One provision requires that states now address how they will encourage public water systems (PWSs) to develop asset management plans using best management practices. This must be addressed in the Drinking Water Capacity Development Strategy. Another provision provides states the ability to require PWSs, under certain conditions, to conduct a consolidation assessment. The assessment cannot be overly burdensome for the water system. This would also need to be addressed in the Strategy. The Capacity Development Workgroup will be convening in the coming weeks to discuss updating the Strategy with these new elements. Also on June 18 – 20, USEPA and Cadmus will hold a drinking water infrastructure needs survey assessment planning meeting in San Francisco, CA. Main discussion topics will include the questionnaire and the addition of questions regarding lead survey lines, operator work force, and America Iron and Steel needs for the next 20 years.
 - **Lead Testing in School** (Peter Goodmann) There is possible funding to administer and facilitate a training and maintenance plan that protects children from lead exposure in schools. Using probability sampling that will characterize the likelihood of lead exposure in certain schools in Kentucky, and based on the results of sampling, DOW can provide recommendations for future testing and action for those eligible schools. It includes developing educational materials on lead exposure that describe sources, routes of exposure, health effects, remediation, and routine/best practices.
- Joint Sub- Committee: **Operator Recruiting & Development** (Amanda LeFevre)
- Joint Sub- Committee: **Water Loss** (Jory Becker) Committee has met three times since the inception of this subcommittee. Discussions have included how to calculate loss, AWWA, rural water spreadsheet, education and also the use of a metric determining loss. It is important to gather data to insure all members are on the same sheet identifying what is "water loss". The arbitrary number of 15% as an average was up for much discussion during this meeting

- **Special Committee for Public Water and Wastewater System Infrastructure Task Force**, LRC implemented this committee comprised of KIA, Rural Water, KMUA, DOW, League of Cities Kentucky and the Executive Judge Association LRC wants a recommendation for strategy and policy by November 29th.
- Nomination of Earl Coffey, City of Danville, to the Advisory County by Donna McNeil
- Regulation update
 - (Amanda LeFevre) **Chapter 11** Regs have been filed and are available for review. Links are also available on the DOW web page. There will be a post meeting on June 27th also @ 6:00. Please review and offer comments. There are also some corresponding changes in Chapter 5 and Chapter 8 in order for alignment.
 - (Peter Goodmann) Surface Water Quality Standard Regulation **Chapter 10** will be filed today. They were signed by the Secretary this morning.
 - **Chapter 6** Emergency Regs will be filled for Water Well Drillers at the end of the month.
- Other Issues from Council members & staff: DRRA of 2018 Section 1,2,3 & 4 needs to be recognized as another possible source of funding (Carey Johnson)
- Public Comments (at discretion of Chair): Mark Sneve on behalf of the engineering community gave recognition to the EEC/DEP/DOW for leading the charge regarding CSO's.
- Next meeting: September 10, 2019
 - Provide DOW organizational Chart
 - ORSANCO Sourcewater presentation with NKY & Cincinnati, a GIS and data management exercise (watersuite) – setup with Mary Carol Wagner
 - AWIA reporting requirements
 - On Farm Water Management Program (WMB)
 - Flushing Program Presentation