



COG WATER RESOURCES PROGRAM GENERAL WATER RESOURCES UPDATES (as of 5/8/18)

Updates on work supported by COG’s RWQM Work Program and other water-related activities supported by COG’s Department of Environmental Programs.

Water Quality	COG Contact
<p><u>Chlorides/Salt Impacts</u> COG is working with COG’s members and various parties to coordinate on this water quality issue as research and strategies are being developed across the region to address winter storm sodium chloride applications. As this is a multi-media issue, this coordination includes water quality, drinking water, stormwater and potentially wastewater implications.</p>	<p>Heidi Bonnaffon (202) 962-3216 hbonnaffon@mwkog.org</p>
<p><u>Salt Management Planning</u> COG staff are tracking developments for including salt management planning in local MS4 permits. In Maryland, MDE staff are hosting a meeting on May 4th that will address plans to include a requirement for salt management plans in MS4 Phase I permits. The meeting will feature a presentation on the State Highway Administration’s salt management plan and explore ways in which local governments can partner with existing SHA salt management initiatives.</p> <p>In Virginia, the Department of Environmental Quality (DEQ) has formed a Stakeholder Advisory Committee (SAC) to assist with the development of a Salt Management Strategy for northern Virginia. In addition to regional jurisdictions and utilities, COG is a member of the SAC. DEQ will be holding a SAC technical session on May 24th at the Fairfax Water Griffith Treatment Plant, and will hold a SAC meeting in June.</p> <p>At the July 13th WRTC and July 20th CBPC meetings, COG staff will provide updates on these Maryland and Virginia efforts.</p>	<p>Heidi Bonnaffon (202) 962-3216 hbonnaffon@mwkog.org</p> <p>Karl Berger (202) 962-3350 kberger@mwkog.org</p>
<p><u>PAH Sealants Planning by DOEE</u> The District Department of Energy and the Environment (DOEE) presented, at the March WRTC and CBPC meetings, the issue of polycyclic aromatic hydrocarbons (PAH) concentrations in other types of pavement sealants, beyond just coal tar. PAH is a human carcinogen, harmful to aquatic life. Several Maryland jurisdictions and the District of Columbia have a coal tar sealant ban. DOEE is considering amending their ban to broaden it and base it on PAH concentration, and to also have a product certification.</p> <p>At the March 16th CBPC meeting there was discussion of sending a CBPC letter to the National Sanitation Foundation International in support of developing a product certification. DOEE is gathering information about certification terms and costs, and is also looking at</p>	<p>Heidi Bonnaffon (202) 962-3216 hbonnaffon@mwkog.org</p>

ways of broadening the support base. For the moment the concept of a CBPC letter is on hold, as the CBPC may be more instrumental in developing partnerships and regional support. Staff are evaluating such options and will be making recommendations to the CBPC.

Wastewater

COG Contact

Biosolids Class A Workshop at Blue Plains

COG staff is coordinating an informal workshop Wednesday morning, May 30th, from 10 a.m. to noon where DC Water staff will discuss what they've learned in establishing a marketing program for Bloom, their **Class A** biosolids. The workshop will be held on site at the Blue Plains Water Recovery Facility.

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The workshop is intended primarily for other biosolids generators that are either currently producing a **Class A** biosolids or pursuing plans to do so. Members interested in attending should contact Nasser Ameen of COG staff (202-962-3394; ameen@mwkog.org).

Blue Plains Service Area (BPSA) Wastewater Flow Projection Methodology Analysis

As part of its support to the IMA Parties, COG is working with the BPSA operating agencies (DC Water, WSSC, & Fairfax) to review current wastewater flow projection methodologies, the impacts of water conservation efforts, changes in inflow/infiltration patterns, and other factors that affect how future wastewater flows are projected.

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As part of this effort, COG staff will be reaching out to other jurisdictions/agencies for their methodologies; and then will use all of that information to generate a scope of work for a consultant to conduct more detailed analysis. COG anticipates having a contract for the BPSA methodology update work in place by the summer of 2018. The results of this work are expected to update the 'regional method' used for the BPSA as well as for the rest of the COG region.

Wastewater & Drinking Water Utilities

COG Contact

COG Water Chemical Cooperative Procurement Effort

COG staff is in the process of finalizing the bid documents for a cooperative purchase of Water and Wastewater Treatment Chemicals with the following partners:

- Alexandria Renew
- Bowie
- Fairfax County
- Frederick (City)
- Frederick (County)
- Leesburg
- Loudoun Co
- PWCSA
- Purcellville

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- Fort Detrick
- Stafford Co.

A *Request for Information* (RFI) was sent to vendors on March 23, 2018. Twenty-six vendors responded and provided information on the chemicals needed by the partners, as well as allowing COG to pre-qualify firms. One of the goals of this solicitation is to create supply chain security for the regional procurement of these chemicals and protect our water supply & wastewater from critical service interruption. In addition, the solicitation will include the COG Rider Clause, which will permit other jurisdictions to “piggy-back” on any resulting contract.

The final bid documents should be ready within in the next two weeks and COG plans to have contracts in place before the new fiscal year (June 30, 2018).

WSSC Celebrating 100th Anniversary

This year, WSSC is celebrating 100 years of providing clean water to its customers with ZERO water quality violations. WSSC will be hosting a series of public tours and events this summer and fall to celebrate their centennial. For more information and a list of events: <https://www.wsscwater.com/about-us/wssc-100th-anniversary.html>

Local Wastewater Leaders Highlighted by WEF

Karen Pallansch, Alexandria Renew Enterprises’ CEO, and Carla Reid, WSSC’s General Manager, were both interviewed by Travis Loop for the WEF “Words on Water” podcasts about how they became leaders in their water recovery fields.

Karen Pallansch was interviewed about how Alexandria Renew has evolved under her leadership and what a “utility of the future” means.

<https://wordsonwaterwef.com/2018/04/09/words-on-water-karen-pallansch-on-the-utility-of-the-future/>

Carla Reid was recognized for her energy and as the first female General Manager in WSSC’s 100-year history. <https://wordsonwaterwef.com/2018/01/16/words-on-water-carla-reid-on-going-from-ce-to-ceo/>

Stormwater	COG Contact
<p><u>Alexandria and Arlington Receive Virginia Governor’s Environmental Excellence Awards</u></p> <p>On April 5th, the City of Alexandria and Arlington County were recognized by Virginia DEQ as Environmental Excellence Award silver medalists for their joint Four Mile Run Tidal Wetland and Living Shoreline Restoration Project, completed in 2017, which removed five miles of hardened stream banks, restored two acres of wetland habitat, and is quantifiably reduce nitrogen, phosphorous and sediment pollution.</p> <p>To read more about the project and the awards, click here: http://thezebra.org/2018/04/06/city-of-alexandria-and-arlington-county-receive-2018-governors-environmental-excellence-silver-award/</p>	<p>Heidi Bonnaffon (202) 962-3216 hbonnaffon@mwkog.org</p>

Drinking Water	COG Contact
<p><u>Regional Drought and Water Supply Outlook – April 2018</u></p> <ul style="list-style-type: none">• The current U.S. Drought monitor indicates that the COG region is experiencing some abnormal dryness and a small area of moderate drought.• The latest U.S. Seasonal Outlook indicates that drought removal is likely in our region.• Precipitation, streamflow and groundwater levels are below normal - local reservoirs are full.• In Maryland-MDE, all regions are under a normal status.• In Virginia-VADEQ, a drought watch advisory has been issued for the Northern Virginia drought evaluation region. It applies to public or private groundwater supplies or private surface water supplies in Fauquier, Prince William and Loudoun counties. Water systems using the Potomac River or Occoquan Reservoir are not included.• For additional information regarding regional water supply and drought conditions, please visit COG’s website at: https://www.mwcog.org/drought	<p>Christine Howard (202) 962 3366 cdhoward@mwcog.org</p>
Climate, Energy, and Sustainability – Water Related	COG Contact
<p><u>Call for Climate & Energy Leadership Awards Applications & Nominations</u></p> <p>COG is looking for nominations and candidates for the 2018 Climate and Energy Leadership Awards. “Is your government agency, non-governmental organization or school taking an innovative approach to sustainability?” Winners will be recognized in front of local, regional and national officials and be showcased as a leading best practice in metropolitan Washington. The application period is open April 22 to June 29, 2018. Visit www.mwcog.org/climateawards for more information. Please share this information widely.</p>	<p>Maia Davis (202) 962-3227 mdavis@mwcog.org</p>

Upcoming Meetings and Events

- May 11th – WRTC Meeting
- May 18th – CBPC Meeting
- July 13th – WRTC Meeting
- July 27th – CBPC Meeting