

REGIONAL WATER QUALITY MONITORING SUBCOMMITTEE (RWQMSc) MEETING

Friday, April 26, 2013

10:00 a.m. – 1:00 p.m.

Rooms 4 & 5, First Floor, COG

Webinar Link:

1. Go to

<https://mwkog.webex.com/mwkog/j.php?ED=38635938&UID=50904618&PW=NNDk2MGJIMDUx&RT=MimxMQ%3D%3D>

2. Please enter your name, affiliation (in parenthesis), and email address

3. Enter the meeting **password: water**

4. Click "Join"

To join the audio conference only (or if your phone does not have a speaker/microphone)

To receive a call back, provide your phone number when you join the meeting,
or call the number below and enter the access code.

Call-in toll-free number (US/Canada): 1-855-244-8681

Access code: 313 260 831

I. Welcome, & Roll Call/Introductions, Elaine Schaeffer, Interim-Chair
(10:00 – 10:05 a.m.)

II. Technical Report: *Toxic Contaminants in the Chesapeake Bay and its Watershed: Extent and Severity of Occurrence and Potential Biological Effects*
(10:05 – 10:45 a.m.)

The president's Chesapeake Bay Protection and Restoration Executive Order directed Federal agencies to prepare a report about the extent and severity of toxic contaminants in the Bay and its watershed. That report (183 pages) was recently issued (December 2012) and potential next steps are being discussed by the Bay Partners.

[See in particular Executive Summary, Table 2 - pg. 118, and Summary - Chap. 5, pg. 125]

http://executiveorder.chesapeakebay.net/ChesBayToxics_finaldraft_11513b.pdf
[EPA/CBP Site - Chemical Contaminants in Bay Watershed](#)

A. Overview of Report's Key Findings & Recommendations— Greg Allen, EPA

B. State/District Perspectives:

- Virginia - Bryant Thomas, VADEQ
- Maryland – Leonard Schugam, MDE
- District of Columbia – George Onyullo, DDOE

Feedback: RWQMSc members will be asked to identify any additional information needs or questions they have on this report or the topic.

III. Water Quality Data Analysis at the Potomac River Fall Line – Karl Berger, COG

(10:45 – 11:00 a.m.)

Mr. Berger will outline plans for COG to fund the Occoquan Watershed Monitoring Lab to explore the use of new U.S. Geological Survey techniques for water quality trend analysis in the Potomac River basin upstream of the fall line, and to work cooperatively with USGS and the Chesapeake Bay Program to determine reasons for these trends.

Recommendation: RWQMSc members will be asked to highlight specific questions they would recommend to the WRTC that COG and OWML staff should address during this analysis.

IV. Opportunity for Modeling Coordination re Stormwater – Joel Blomquist, USGS

(11:00 – 11:15 am)

Mr. Blomquist will brief COG's members on an opportunity to coordinate regional monitoring efforts with MS4 permit data needs.

Feedback: RWQMSc members will be asked to identify opportunities for collaboration with the USGS with this work.

V. OWML Web Based Data Access – Adil Godrej, OWML

(11:00 – 11:15 a.m.)

OWML has a new web portal that has been developed to display near-real-time data gathered from various OWML stations. The selected data in the Occoquan Watershed that is available in the portal is from 1987 onwards. Automated field data collected from 9 stream stations and 12 rain gage sites can be accessed through the portal currently. The latest data are near-real-time, on about a 1-2 hour delay. The number of records is over 14 million. The portal is in beta test mode, and more stations and parameters will be added. The site will integrate a GIS-based water quality model execution interface that allows stakeholders to currently change land-use and re-run the model without being a modeler. These comprise an Environmental Decision Support System (EDSS)

Mr. Godrej will provide a brief overview of the new web portal, noting how the site allows users to manipulate and more closely examine the data, is flexible, and can perform some basic statistical analyses; and plans to link this portal on COG's website once it has been finalized.

Feedback: RWQMSc members will be asked to identify any applications for this data, or if they would like any additional presentations on this data.

VI. Regional Monitoring Issues: Planning for FY 2014 - Tanya Spano, COG

(11:15 – 11:30 a.m.)

Ms. Spano will highlight some of the proposed activities and topics that COG is planning to address in the proposed FY 2014 Work Program.

Recommendation: RWQMSc members will be asked to identify additional water quality monitoring topics/activities that they recommend that the RWQM Subcommittee and/or the WRTC address in the coming year.

VII. Member Updates - RWQMSc Members
(11:30 a.m. – 12:00 p.m.)

RWQM Subcommittee members will be asked to share any updates to their existing water quality and wastewater data monitoring programs.

VIII. Adjourn & Lunch
(12:00p.m.)

Upcoming RWQMSc - WRTC & CBPC Meetings & Events

- **May 3, 2013 Water Resources Technical Committee (WRTC)meeting**
- **May 17, 2013 Chesapeake Bay and Water Resources Policy Committee (CBPC)**
- **June 20-21, 2013 GMU Algal Identification Workshop for Water Professionals**

Attachments:

- Attachment 1: Final Executive Summary of Chesapeake Bay 2012 Toxic Report:
http://www.chesapeakebay.net/channel_files/18750/attachment_vi.a._tech_report_on_tox_contaminants_in_ches_bay_and_watershed_12_19_12_final_exec_summary.pdf