Potomac water quality trends workshop

Tuesday, June 7, 2016

10:00 A.M. - 12:00 P.M.

Rooms 4&5

[**Join WebEx meeting**](https://mwcog.webex.com/mwcog/j.php?MTID=m860a0cf578bf09f05a03835003bd0c00)

Meeting number: 644 586 851

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

1-650-479-3207 Call-in toll number (US/Canada)

Access code: 644 586 851

Meeting password: water

draft AGENDA

10:00 a.m. 1. CALL TO ORDER AND Goals of workshop

Karl Berger, COG Staff

The goals of the workshop are to:

* Examine water quality trend data for the Potomac watershed above the fall line from two different sources -- the datasets produced by OWML and USGS using different methods
* Understand how management decisions, such as wastewater treatment plant upgrades and BMP implementation, are affecting water quality trends in the watershed

10:15 P.M. 2. DATA DIscussion: Water-Quality LOADS and load trends at Nontidal Monitoring Stations in the potomac Watershed

1. *Doug Moyer – U.S. Geological Survey*
USGS manages the non-tidal monitoring network for the Chesapeake Bay Program, including the river input monitoring station at Chain Bridge on the Potomac (used to calibrate the Bay Program’s watershed model). The network also includes a number of stations upstream from Chain Bridge. Mr. Moyer will provide an overview of the USGS sampling approach and discuss findings from a recently released report on loads and load trends from the non-tidal monitoring network, focusing on the Potomac stations.
2. *Adil Godrej, Saurav Kumar – Occoquan Watershed Monitoring Laboratory*
Since 1982, COG has funded the OWML to monitor water quality at Chain Bridge on the Potomac River separately from the USGS and using a different sampling approach. Mr. Godrej will provide an overview of the Chain Bridge monitoring program. Mr. Saurav will discuss the findings of a draft OWML report that compares loads and load trends using both the USGS and OWML datasets.

11:15 a.M. 3. trends Discussion: Explanation of water quality Trends in the potomac Watershed

Joel Blomquist – USGS

Mr. Blomquist will discuss preliminary interpretations of the drivers of recent water quality trends observed at the Chain Bridge station as well as elsewhere in the Potomac watershed.

11:40 a.M. 4. GROUP discussion

Mr. Berger will lead a discussion of the relevance of Chain Bridge data to the Bay TMDL. Among the issues to be addressed:

* Role of monitoring data in calibrating the Chesapeake Bay Program’s watershed model
* Role of monitoring data in interpreting attainment of water quality standards under the Chesapeake Bay TMDL

12:00 P.M. 5. lunch

Lunch will be provided for all members and their alternates.

Workshop Materials

1. “Summary of Nitrogen, Phosphorus, and Suspended-Sediment Loads and Trends Measured at the Chesapeake Bay Nontidal Network Stations: Water Year 2014.” (Note: more USGS Water quality data available at: <http://cbrim.er.usgs.gov/summary.html>)
2. COG staff fact sheet on the OWML Chain Bridge monitoring station
3. Executive summary from draft OWML Chain Bridge report. Full draft report available [HERE](http://www.mwcog.org/uploads/committee-documents/llxdXV1f20160524075819.pdf)
4. Bay & Potomac WQ Trends/Assessments Summary (i.e., one-pager of ‘Others’ reports)

Reasonable accommodations are provided upon request, including alternative formats of meeting materials.
For more information, visit: www.mwcog.org/accommodations or call (202) 962-3300 or (202) 962-3213 (TDD)