

**WATER RESOURCES TECHNICAL COMMITTEE (WRTC)
BUSINESS MEETING & STORMWATER/WASTEWATER WORK SESSIONS**

**Wednesday, May 6, 2009
(10:00 a.m. to 1:30 p.m.)**

**Rooms 4 and 5, First Floor
Work Session, Room 3, First Floor**

Lunch will be provided at 12:15 p.m.

BUSINESS MEETING - AGENDA

I. Call to Order & Introductions – *Elaine Schaeffer, WRTC Chair*
(10:00 – 10:10 a.m.)

II. Chesapeake Bay Program Developments & Related Updates – *Tanya Spano & Steve Bieber, COG staff*
(10:10 – 11:00 a.m.)

At its previous meeting (3/12/09), the WRTC endorsed updates to the COG Board Policy Principles regarding the Chesapeake Bay efforts. The COG Board endorsed the Policy Principles (see “General Updates”). In addition, the CBP Partners were poised to make several critical decisions regarding nutrient/sediment load allocations that warranted immediate WRTC input. Since then, the CBP Partners have deferred making those key allocation/deadline decisions.

Ms. Spano will provide updates on key issues that have been decided, note those that have been deferred, describe the proposed allocation process, outline the current schedule for making allocation decisions, and suggest when WRTC technical input would now be most effective. She will also describe key technical and regulatory issues that are likely to impact COG’s wastewater, stormwater, and CSO facilities/permits. Mr. Bieber will review the status of various model updates, the results of some of the latest modeling efforts, and explain how these may impact allocation decisions.

Updates will include, but not be limited to the following topics:

- Updates from the April 15-16th WQSC meeting;
- Updates from the April 20th PSC meeting;
- Focus of the May 12th EC meeting;
- Definitions of Fully Regulatory versus Maximum Extent Feasible;
- TMDL Implementation Goal and relationship to 2-Year Milestones;
- CBP’s Proposed TMDL Communication Plan; and
- Opportunities for COG Region to provide input – consistent with approved Policy Principles

Action: The WRTC will be asked to endorse the recommendations for providing input to the CBP.

III. Potomac Water Quality Report– *Steve Bieber, COG staff*
(11:00 – 11:30 a.m.)

The Potomac Water Quality report will provide details about water quality conditions in the Potomac River, how those conditions have changed over time, and proposes actions for the region to take as we move into the next chapter of the Potomac’s history. The report will be presented to the WRTC and CBPC in the fall of 2009.

Mr. Bieber will present a detailed overview of the report and proposed next steps.

Feedback: The WRTC will be asked to identify any technical issues or and information needs regarding these issues.

IV. Regional Water Fund's FY 2010 Work Program & Budget – Ted Graham, COG Staff
(11:30 a.m. – 11:45 p.m.)

The FY 2010 Work Program & Budget has been developed to reflect regional water resource interests and priorities relating to the Chesapeake Bay Program and well as a wide range of regional water resource, water quality, wastewater, stormwater, biosolids, drinking water, and related climate change issues. The FY 2010 Work Program & Budget is to be transmitted to the CBPC for their formal approval on May 15th.

Dr. Graham will highlight the core elements of the work program and key deliverables, and describe how several new regional initiatives will be addressed during the coming year. He and other senior staff will answer any questions about specific work program elements.

Action: WRTC Members will be asked to recommend the FY 2010 Work Plan and Budget to the CBPC for formal approval at their May 15th meeting.

V. General Updates/Legislative Action – COG Staff
(11:45 – 11:55 pm.)

COG staff has prepared a summary of various legislative, regulatory and regional activities that are of interest or potential impact to COG's members; noting their status and listing COG staff contacts for these issues. (See "General Updates.")

- **Chesapeake Bay Foundation Report / 'Poisoned Water' Documentary – Karl Berger**
- **Regional Water Resources Community Engagement Campaign – Jim Shell**
- **COG's GW 2050 Initiative & Proposed Water Resource Indicators - Tanya Spano**

Feedback: WRTC will be asked to identify any additional information needs.

VI. Around the Room – WRTC Members
(11:55 -12:15 p.m.)

Feedback: WRTC members will be asked to note any particular activities their jurisdiction/agency is undertaking or additional items of interest or concern that they believe would be of interest to the other members.

VII. Adjourn Business Meeting/Lunch – Elaine Schaeffer, Chair
(12:15 p.m.)

VIII. Lunch
(12:15 – 12:30 p.m.)

Stormwater Work Session (12:30 to 1:30 pm)

I. Low Impact Development Workshop – *Ted Graham*
(12:30-1:00 p.m.)

Dr. Graham will present a brief overview of the March 26th workshop on Restoration LID.

II. Phase I MS4 Permitting Developments/ Stormwater Litigation – *Karl Berger*
(1:00 – 1:15 p.m.)

Mr. Berger will provide updates on Phase I MS4 permitting developments in Virginia, revisions to Maryland's stormwater management regulations and litigation concerning the Montgomery County, Md., MS4 permit.

III. Green Roads and Highways Workshop Discussion – *Ted Graham*
(1:15 – 1:30 p.m.)

Dr. Graham will discuss the concept for an upcoming workshop on Green Roads and Highways to be held on November 5, 2009 (see **General Updates**). WRTC members will be asked to assist in the workshop planning.

Wastewater Work Session (12:30 to 1:30)

I. CBP Decisions Regarding WWTP Nutrient Limits, Definitions of Limits of Technology, and Impacts of the TMDL Implementation Schedule – *Tanya Spano*
(12:30 – 1:10 p.m.)

Ms. Spano will review key issues of concern to COG's WWTPs, and solicit input from WRTC members about how best to address these issues within the CBP process.

II. COG's Climate Change Initiative & Proposed WWTP GHG Workshop - *Tanya Spano*
(1:10 – 1:30 p.m.)

Ms. Spano will review current assumptions regarding WWTPs in COG's GHG inventory and how WWTPs fit into this larger regional initiative. And get WRTC input on the general timing of, and proposed agenda topics for this workshop – which would include updates from WERF/WEF projects, links to drinking water facilities, and presentations by COG members regarding their own initiatives/inventory work.

FUTURE MEETINGS / KEY EVENTS

CBPC Meeting - May 15th – Proposed Agenda Items:

- Update on Chesapeake Bay Program Developments and WRTC's Technical Review/Recommendations
- FY 2010 Regional Water Fund Work Plan and Budget – Approval
- Potomac Water Quality Report – Highlights and schedule
- Update on Plastic Bag Issue
- Regional Water Resources Community Engagement Campaign – Preliminary Recommendations

Regional Monitoring Subcommittee Meeting – June 8, 2009 – Proposed Agenda Items:

- Stormwater Management Research and Outreach with the Virginia Department of Conservation of Recreation. - Dr. David Sample (Virginia Tech, Department of Biological Engineering)
- Land Use Changes in the Potomac - Dr. Robert Gardner (Director, Appalachian Laboratory, University of Maryland Center Of Environmental Science)
- Chesapeake Bay Monitoring Program – Review of upcoming changes
- COG's GW2050 initiative – Proposed use of stream water quality as an indicator.

WEF's Nutrient Removal 2009: Sustainable Treatment Solutions Conference – June 28 – July 1 (Omni Shoreham Hotel, Washington, DC)

- **Tours of Loudoun Water's Broad Run Water Reclamation Facility and Blue Plains WWTP – June** (specific date TBD). Tours to be focused on wastewater treatment – nutrient removal specifically, reuse, biosolids processes, and sustainability issues.

WRTC Meeting – July 9th – Proposed Agenda Items:

- Chesapeake Bay Program Developments
- Agriculture Nutrient Reduction Efforts (tentative)
- GHG inventory workshop updates
- Highlights of WEF Sustainable Nutrient Removal conference
- Chesapeake Bay Program Reorganization - Proposed changes and implications (tentative)
- COG's GW 2050 Initiative - updates

CBPC Meeting - July 17th -Proposed Agenda Items:

- Chesapeake Bay Program Developments
- Agriculture Nutrient Reduction Efforts (tentative)
- Policy on Septic Legislation
- COG's GW 2050 Initiative - updates

Wastewater Climate Change-Greenhouse Gas Inventory Workshop – Summer (July/August/September - date TBD)

COG's Green Highways Workshop – November 5, 2009