

WATER RESOURCES TECHNICAL COMMITTEE (WRTC) MEETING
Friday, November 12, 2010

Business Meeting (10:00 a.m. – 11:30 p.m.)
Working Lunch - Wastewater & Stormwater Work Sessions (11:30 – 12:30 p.m.)

Rooms #4 & 5, First Floor

Conference Dial-in Number: (605) 477-3000; Participant Access Code: 565660#

AGENDA

I. Welcome & Introductions – *Elaine Schaeffer, Chair*
(10:00 – 10:10 a.m.)

II. Chesapeake Bay: EPA's TMDLs & State WIPs – *Tanya Spano & Karl Berger, COG staff*
(10:10 – 10:55 a.m.)

On November 8th, COG transmitted Final Comments to EPA re: the draft Bay TMDLs, and to Maryland and Virginia re: the Draft Phase I WIPs - on behalf of the CBPC, and with input from the WRTC.

A. Formal Comments – COG Region & Others', & Next Steps/Schedule – *Tanya Spano*
Ms. Spano will provide an overview of the feedback provided on the draft COG comments, note and highlight additional issues raised by other organizations, and outline the next steps/schedule for the ongoing TMDL and WIP developments.

Meeting Material – COG Final Comments on EPA TMDL & MD/VA WIPs (attachment, and posted on the [WRTC](#) and [COG's Bay TMDL & WIP](#) web sites respectively:

Handout – Power Point presentation

B. Engaging Local Elected Officials – *Karl Berger, COG staff*
COG staff believes that most elected officials in the region are not fully aware of the implications of the TMDL for budgets and future growth. Mr. Berger will discuss plans to raise this issue with the CBPC and solicit any feedback on effective outreach efforts to elected officials

Handout – Discussion Paper re: *Potential Approaches for Engaging Local Elected Officials*

Feedback: The WRTC will be asked to:

- a) Note any information needs they have about the TMDL/WIP processes or schedules; and
- b) Recommend how to more fully engage local elected officials in Bay TMDL/WIP issues and related water resource/growth issues.

III. Nutrient (TN & TP) and Sediment Trading – *Tanya Spano & Karl Berger*
(10:55 - 11:15 p.m.)

Ms. Spano will provide an overview of programs/activities within the Bay watershed, describe how the Bay TMDL and state programs intend to support the use of trading to deal with growth issues, and discuss views on whether such efforts are likely to be a viable option for the COG region. Mr. Berger will discuss upcoming state actions to expand existing trading programs.

Action: The WRTC will be asked to make recommendations to the CBPC about the features of good trading programs and how future actions should address those points.

IV. Around the Room – WRTC Members & COG Staff
(11:15 – 11:30 a.m.)

The WRTC members will be asked to identify any issues/activities of potential interest to other members; and COG staff will address questions regarding the **General Updates/Upcoming Events**.

V. Adjourn
(11:30 a.m.)

VI. Working Lunch & Work Sessions
(11:30 a.m. – 12:00 p.m.)

GENERAL UPDATES

Chesapeake Bay TMDL & Phase I Draft WIPs:

- **EPA’s website for Chesapeake Bay TMDL and State WIPs:** <http://www.epa.gov/chesapeakebaytmdl/>
- **District of Columbia:** <http://ddoe.dc.gov/ddoe/cwp/view,a,1210,q,494609,ddoeNav,%7C31007%7C.asp>
- **Maryland:** <http://www.mde.state.md.us/>
- **Virginia:** <http://www.epa.gov/chesapeakebaytmdl/>
- **COG’s TMDL/WIP website:** http://www.mwcog.org/environment/water/TMDL_WIP_Information.asp

COG’s Community Engagement Campaign

The Community Engagement Campaign will be extending its pilot blog campaign for an additional six months. The blogs have been targeting three audiences: Moms with water conservation and “tap water is safe” messages; a Lawn and Garden audience with messages about water conservation, and minimizing harmful run off from pesticides and fertilizers; and a Utilities Blog that has highlighted issues confronting water and wastewater utilities, from infrastructure to emerging contaminants, for a wide audience. The Community Engagement Campaign plans to continue the blog pilot, with some modifications, for an additional six months, while expanding the campaign to include other outreach methods. More information will be forthcoming in January.

Links to the blogs:

- **Metro DC Mom Blog** <http://www.metro-dc-mom-blog.com/>
- **Metro DC Lawn and Garden Blog** <http://www.metro-dc-lawn-garden-blog.com/>
- **Metro DC Utilities Blog** <http://www.metro-dc-utilities-blog.com/>

COG Staff Contacts: Steve Bieber (202) 962-3219 / Heidi Bonnaffon (202) 962-3216

COG’s Region Forward Initiative

COG and its member local governments adopted the *Region Forward* report and Greater Washington 2050 compact in July 2010. The proposed work plan lays out the next steps COG will undertake to begin developing a comprehensive set of regional priorities to implement *Region Forward* in the absence of a \$5 million HUD grant to produce a regional plan for sustainable development. The work program proposes short-term and mid-term steps consistent with those approved as part of *Region Forward* and in line with the concepts proposed in the Sustainable Communities Regional Planning Grant, including the reorganization of the MDPC to include additional stakeholder participation and representation. The Board of Directors will be briefed and act on this item at their November 10th meeting. <http://www.mwcog.org/about/annual/>

COG Staff Contact: Ted Graham (202) 962-3352

Legislative/Regulatory Updates – Federal & State

See separate Meeting Material (attached).

FUTURE MEETINGS / KEY EVENTS

2010

- November 29, 2010 – Final Phase I WIPs to be submitted by states/District
- December 31, 2010 – EPA to publish Chesapeake Bay TMDL in the Federal Register

2011

- January 13, 2011 – WRTC meeting
- January 21, 2011 - CBPC meeting

BAY TMDL/WIP Schedule

2011

- **June 1** - The states and the District submit their draft Phase II Watershed Implementation Plans. The Phase II plans will include finer-scale load distributions as described in [EPA's November 4, 2009 letter](#) and any updates resulting from the Bay watershed model revisions
[Note: This deadline might be modified.]
- **November 1** - The states and the District submit their final Phase II Watershed Implementation Plans.
- **December** - EPA modifies the Bay TMDL, if necessary.
- **December 31, 2011** – Bay States must complete the first set of two-year milestones, originally established in May 2009

Future Actions

- **Prior to 2017**, EPA reviews the full suite of the partnership's Bay models based on the best available science and decision-support tools and considers whether updated models should be developed to support Phase III implementation plans and potential modifications to Bay TMDL allocations.
- **In 2017**, the states and the District submit draft Phase III Watershed Implementation Plans by June 1 and final plans by Nov. 1 with a focus on ensuring that all practices are in place by 2025 as need to fully restore the Bay and its tidal waters.
- EPA modifies the Bay TMDL, if necessary, **in December 2017**.

WRTC WORK SESSIONS (11:30 a.m. to 12:30 p.m.)

Wastewater – Room #1

- **COG Regional Wastewater Flow Forecast Model (RWFFM)** – Review of proposed updates and information needs from members

COG's RWFFM was originally developed by expanding the Blue Plains Service Area (BPSA) Flow Forecast Model and utilizing the same set of wastewater-flow-generated per demographic-unit factors and other technical assumptions [i.e., Unit Flow Factors (UFFs), inflow/infiltration (I/I) ratios, and Base Year Flows]. The BPSA portion of the model was updated in 2001 and again in 2003 to meet the needs of the Blue Plains Users. In 2010, Black and Veatch (through a contract with DC Water, and work managed by COG staff on behalf of the Blue Plains Regional Committee) updated the Base Year Flow, UFFs) and I/I assumptions for each jurisdiction in the BPSA. The projections also utilized the most recent round of regionally approved demographic data (i.e., Round 7.2A). The latest COG Cooperative Forecasting Program (Round 8.0) is scheduled for approval by the COG's Board on Nov. 10th, and then by the Transportation Planning Board on Nov. 17th. Then, Round 8.0 will be considered officially adopted for regional planning purposes. As part of COG's 'Region Forward,' two of the water quality indicators related to wastewater are to assess progress towards meeting the Bay TMDL goals and assessing the region's wastewater treatment needs versus existing plant capacity.

COG staff plans to utilize the 2010 BPSA updates and Round 8.0 demographics as a guideline for updating the RWFFM for the rest of the region. COG staff will review the proposed technical assumptions (e.g. UFFs, I/I, Base Year Flow) as well as additional factors that may also need to be addressed (e.g., discuss build-out, current capacity, load caps, shared capacity, reuse options, other capacity conserving options) when developing flow projections for the region.

Handout – Summary of current technical assumptions, proposed revisions, and information needs.

Stormwater – Rooms #4 & 5

- **National Stormwater Regulations** – WRTC members' input on preliminary comments
Under the plan to issue a national stormwater regulation in the next few years, EPA has proposed to issue a specific set of regulations for the Chesapeake Bay watershed. The agency is currently seeking comment on this proposed "Stormwater Rulemaking for the Chesapeake Bay." Mr. Berger will solicit member feedback on proposed COG comments.

Meeting Materials –

1. Fact Sheet on Stormwater Rulemaking Related to the Chesapeake Bay;
2. Proposed strawman for comments on federal "Stormwater Rulemaking Related to the Chesapeake Bay"

- **COG's Stormwater Survey** – Review of results
Staff will provide highlights of COG's Stormwater Survey.

Handout - Power Point presentation re: survey results.