



Maryland Water Monitoring Council
Maryland Dept. of Natural Resources
Tawes Building, C-2
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Mark Southerland, Versar, Inc.
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Clark Howells, Baltimore City DPW
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Executive Secretary

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Kevin Brittingham, Baltimore County DEPS
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Sandy Hertz, Maryland State Highway Admin.
Ellen Lathrop-Davis, Comm. Coll. Balto. Co.
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Mike Pieper, KCI Technologies

Charles Poukish, Maryland Dept. of the Environment
Bill Richardson, US. EPA
Ken Staver, Univ. of MD WREC
Matt Stover, Maryland Dept. of the Environment
Chris Swan, Univ. of MD Balto. Co.
Peter Tango, USGS/Chesapeake Bay Program
Chris Victoria, Anne Arundel DPW
Caroline Wicks, EcoCheck
Cathy Wiss, Audubon Naturalist Society

Minutes of the MWMC Board of Director's Meeting Tawes Building, Annapolis, MD July 15, 2014

In attendance: *Dan Boward, *Kevin Brittingham, *Clark Howells, Madeline Kelsey (alternate for Caroline Wicks), Ron Klauda, Byron Madigan (guest speaker), Janis Markusic (alternate for Chris Victoria), *Mat Pajerowski, Jeff Reagan (guest), Bob Shedlock (guest speaker), Beth Shrader (alternate for Ellen Lathrop-Davis), Christine Smith (alternate for Jim Caldwell), *Mark Southerland, Eric Sprague (guest speaker), *Ken Staver, *Matt Stover, *Chris Swan, *Peter Tango, *Cathy Wiss*

Not attending: **Shelly Baird (no alternate), *Jim Caldwell (Christine Smith attended as alternate), *Michele Dobson (no alternate), *Tim Goodfellow (no alternate), *Sandy Hertz (no alternate), *Ellen Lathrop-Davis (no alternate), *Tom Parham (no alternate), *Mike Pieper (Colin Hill attended as alternate), *Charlie Poukish (no alternate), *Bill Richardson (no alternate), *Chris Victoria (Janis Markusic attended as alternate)*

*Board member

Meeting convened at 10:07 AM. Chairman **Mark** Southerland welcomed everyone and asked everyone to introduce themselves for the benefit of the alternates and guests.

Guest Speakers

Bob Shedlock (USGS) provided an overview of the June 28, 2014 Urban Waters Monitoring Workshop that took place at the USGS Water Science Center. He covered the background of the UWI, a list of attendees and speakers, UWI workshop goals and outcomes, and a summary of monitoring programs in and outside of the City. Bob plans to organize a UWI session at the MWMC Annual Conference.

David Flores (Blue Water Baltimore) gave a talk titled Blue Water Baltimore: Staff-Led and Volunteer-Powered Rigorous Water Monitoring. He explained the BWB structure and how the group interacts with the Baltimore Harborkeeper. He also described several of BWB's monitoring efforts.

A talk titled The Alliance for the Chesapeake Bay's Programs in the Greater Baltimore Region was given by **Eric** Sprague of the Alliance. He described ACB's programs in the region including TreeBaltimore, RiverWise Congregations, Restoring the Environment and Restoring Youth (READY), and Project Clean Stream.

Byron Madigan (Carroll County) presented the County's monitoring programs. These included storm event sampling, TMDL sampling, Piney Run Reservoir, NPDES monitoring, and stream assessments. Much of the County's stream monitoring efforts use comparable methods to those of the MBSS.

April Board Meeting Minutes

The minutes from the April, 2014 meeting were approved without modification.

Plans for October Retreat

Dan Boward discussed plans for a one- or two- day retreat in Western MD, as discussed at the April Board meeting. Possibilities include New Germany State Park or Herrington Manor State Park. **Dan** mentioned that the agenda could include topics such as 1. Where has the MWMC been?, 2. membership, 3. improving the Annual Conference, 4. future goals of the Council, 5. other councils as examples. All agreed that **Dan** should invite former MWMC leadership. Dan will keep the Board abreast of plans for the retreat.

Annual Conference Plans

Dan distributed the current Annual Conference agenda and encouraged all session organizers to fill out their sessions soon. **Dan** also summarized the Conference Planning Committee's meeting at Hollofield (June 16, 2014). **Kent** Mountford is committed to speak in the plenary session. Heavy Seas will likely sponsor some aspect of the social. **Clark** Howells will again head up Carl Weber Award nominations and the award ceremony. **Ron** Klauda will organize an "old sampling equipment" display. **Ron, Kevin** Brittingham and **Dennis** Genito will again judge the student posters.

Committee Reports

Groundwater Committee – Mat Pajeroski reporting

Mat reported that the Committee had its first meeting in early August. There are six committed so serve on the Committee: **Mat, Dave** Bolton, **John** Grace, **Kevin** Kapnik, **Ellen** Lathrop-Davis, and **Tim** Goodfellow. A few more may join later. Mat will poll the members for ideas on Annual Conference talk titles.

Information Management – Tom Parham and Sandy Hertz were not present; no report

Monitoring and Assessment Committee – Ron Klauda was not present; no report

Community Outreach and Citizen Involvement Committee – Cathy Wiss and Jeff Reagan reporting

The Committee met in early May and early July. One goal was to update the list of about 300 watershed organizations. About ½ have been updated. **Caroline** Wicks is working on the MWMC Facebook page. **Caroline** has asked that everyone submit something to the page to keep it active. **Jeff** read the "charge" to the Committee as listed in the MWMC website and he noted a disconnect between the charge and current Committee activities. **Action Item - Christine** Smith offered to help revise the list of "charges". **Peter** Tango suggested that the Committee provide opportunities for volunteers to help with programs. **Mike** Pieper said the Committee could work to get the MWMC word out to a larger community.

Indicators Committee – Matt Stover reporting

Matt said that MDE is producing new online maps for displaying designated uses.

2014 Workshops

Climate Change - Ron Klauda was not present; no report

Biodiversity Mapping

Dan Boward described a workshop to be held July 31 at the Maritime Institute titled Mapping Biodiversity in Maryland Streams. **Matt** Fitzpatrick (UMCES) is leading the workshop and he has asked MWMC to help organize and publicize the event. Topics will include 1. how can mapping tools be complimentary?, 2. how are current mapping tools being used and by whom?, 3. what are possible extensions of current use?, and 4. what are current mapping platforms?

News Items

Cathy Wiss – Audubon Naturalists Society has a new water quality app. A pilot demo will occur on July 19. Mont. Co. Council voted to relax impervious surface requirements for the Ten Mile Creek Watershed development.

Byron Madigan – suggested a session on legacy sediment at the Annual Conference.

Christine Smith – no news

Madeline Kelsey – EcoCheck has produced a report card on the Mississippi River. The group is also working on a project related to climate change resilience.

Matt Stover – MDE staff are finishing the 2014 Integrated Report and it will then be ready for public review. MDE has added new Tier II assignments. MDE is developing a "healthy beaches app".

Dan Boward – MBSS staff are relocating mussels in Deer Creek as part of a SHA road relocation project.

Mark Southerland – Howard Co. has developed a stream app for volunteers that may serve as a pilot for all of MD. Versar is doing some healthy watersheds work with mussels in VA. The MD Science Center stormwater display prototype is complete.

Colin Hill – KCI is conducting a Port Tobacco watershed survey for Charles County. KCI continues to sample using MBSS fish protocols in Tier II streams.

Beth Shrader – no news

Kevin Brittingham – Balto. Co. is working on the new MS4 permit and implementation plans. DEPS has hired five new staff. Midges in Back River continue to be a problem. The July 1 deadline for a midge control pilot study was met.

Clark Howells – Work continues on a drought forecasting model to predict demand and preserve Balto. City reservoirs. The USGS has completed a Monitoring Study Plan and a QAPP.

Mat Pajerowski – **Mat's** group at USGS is working on 1) a coastal storm monitoring plan, 2) the Baltimore Wilderness Coalition, 3) Assateague Island monitoring, 4) water and salinity transect monitoring for shallow groundwater models under different climate change scenarios, and 5) sediment monitoring at Conowingo Dam.

Ken Staver – Finishing a report evaluating trends in Choptank River nitrogen levels from the 80s and 90s vs sampling in the past three years.

Peter Tango – the new Bay Agreement has been signed but it still needs management strategies. The Insights Report is out in “long” and “short” versions. CBP is interested in increasing work with non-traditional partners.

Meeting adjourned at 2:13 PM

Submitted by **Dan** Boward
October 20, 2014