

Montgomery County Water Quality Advisory Group
Meeting Minutes for March 11, 2013

Member and affiliation	Present		Others in attendance and affiliation
	Yes	No	
Trudi Bick, public-at-large		X	Scott Stranko, DNR, via speakerphone
Beth Forbes, public-at-large	X		Charlie Gougeon, DNR
Erica Goldman, scientific/academic		X	Luke Robertson, DNR
Paul Hlavinka, public-at-large	X		Mark Staley, DNR
Daphne Pee, public-at-large		X	Diane Cameron, Audubon Naturalist Society
Annette Rosenblum, scientific/academic	X		Mary Dolan, MNCPPC
Scott Roser, business	X		Chuck Pace, NewFields
Fred Samadani, agricultural	X		Jeff Antman, DEP
Danila Sheveiko, Co-Chair, business	X		
Tanya Spano, environmental	X		
Cameron Tana, public-at-large	X		
Edgard Tellez-Morales, public-at-large		X	
Patrick Walsh, Co-Chair, environmental	X		
Martin Chandler, WSSC	X		
Pam Parker, DEP	X		
Mark Symborski, MNCPPC	X		

Agenda Item	Major Points
7:00 PM Meeting convened by Danila Sheveiko and Patrick Walsh	Meeting minutes for February 11, 2013, were approved as distributed.
7:05 PM Presentations by Maryland Department of Natural Resources (DNR) Staff	<p>Scott Stranko presented the science of the impacts of development on streams. Maryland has 4 associated regulations: impaired waters, high-quality waters, stream use designations and endangered species. DNR has collected data from over 4,000 sites over more than 17 years. 2003 paper correlates percent of drainage area as impervious versus probability of meeting impaired water criteria. (Mr. Stranko will provide a copy of this paper to Patrick Walsh.) Based on his observations, stream restoration projects don't appear to return streams to high-quality waters even after many years. Road salt is major culprit; fish species decline as salts increase. Current research (Towson U.) on impact of infiltrated road salts on groundwater. Some restoration projects may increase erosion further downstream.</p> <p>Charlie Gougeon talked about his work since 1994 on Paint Branch and its brown trout population. Brook trout are impacted when 2% of a drainage area is impervious. He also talked about fish species in and downstream of Lake Seneca.</p>
8:15 PM Presentation by Diane Cameron, Conservation Director, Audubon Naturalist Society	Ms. Cameron gave an overview of the water quality monitoring in the Clarksburg area. The Ten Mile Creek watershed is currently 46% forested and 4% impervious. The headwaters, where the Clarksburg Station depot is proposed, are especially sensitive. Three major factors in water quality: impervious surfaces, forested areas and land disturbance. 2004 paper (Goetz/American Geophysical Union) analyzed DEP and DNR data. She does not believe impervious-surface model is obsolete. Science-based

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	<p>limits on construction activities and minimizing loss of forest cover is needed in addition to ESD and impervious surface disconnections. No scientific article claims ESD alone can maintain a high-quality stream. ESD replicates some natural functions, but not all of them; even sheet flow can be erosive. Upper Paint Branch and Upper Rock Creek SPAs have impervious caps of 8%. The location of the impervious surface is also important. She feels that land cover restrictions and limits on the amount of cut/fill should be required in the master plan amendment as well as impervious surface limits.</p>
<p>8:50 PM Business</p>	<p>Short discussions on</p> <ul style="list-style-type: none">o finalizing the WQAG annual report,o identifying members (Danila Sheveiko and one other) to present the annual report to the County Executive at 8:50 pm on Tuesday, March 19 ando setting primary agenda topic for April meeting.
<p>9:00 PM</p>	<p>Meeting adjourned.</p>

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Member and affiliation	Present		Others in attendance and affiliation
	Yes	No	
Trudi Bick, public-at-large	X		
Dan Dosier, public-at-large	X		
Nate Engle, scientific/academic	X		
Beth Forbes, public-at-large	X		
Erica Goldman, scientific/academic		X	
Paul Hlavinka, public-at-large	X		
Daphne Pee, public-at-large	X		
Annette Rosenblum, scientific/academic		X	
Scott Roser, business	X		
Fred Samadani, agricultural		X	
Danila Sheveiko, Co-Chair, business	X		
Tanya Spano, environmental	X		
Cameron Tana, public-at-large	X		
Edgard Tellez-Morales, public-at-large		X	
Phil Wagner, business	X		
Patrick Walsh, Co-Chair, environmental	X		
Martin Chandler, WSSC	X		
Pam Parker, DEP	X		
Mark Symborski, MNCPPC	X		
Agenda Item	Major Points		
7:00 PM Meeting convened by Danila Sheveiko and Patrick Walsh	Meeting minutes for March 11, 2013, were discussed. Beth Forbes agreed to edit sections for approval at the May meeting. New members Dan Dosier, Nate Engle and Phil Wagner were introduced and welcomed. CERB report has not been finalized yet does not seem to recommend disbanding the WQAG.		
7:10 PM County Executive Meeting	Danila and Patrick gave an overview of their meeting with County Executive Leggett. Mr. Leggett is supportive of the WQAG, particularly its storm drain art idea; he asked for links to the St. Louis and Baltimore City sites. [The links have been forwarded.] The Ten Mile Creek Master Plan was also discussed.		
7:30 PM Storm Drain Art	Patrick has been able to contact the DOT stencil program staff member; DOT is hesitant to participate citing a number of concerns. A meeting with both DEP and DOT was suggested; Patrick will contact Ana Arriaza to coordinate the meeting. Trudi will contact program in St. Louis for responses to DOT's concerns. Discussion of participation with an arts organization such as Glenstone or Strathmore; Tanya to contact Strathmore.		
7:45 PM Leadership Change	Tanya and Beth agree to be co-chairs for 2013-14. [No election was held.] TMDL Subcommittee may not continue. Scott to chair Development/ESD Subcommittee. Paul to chair Outreach/Emerging Issues Subcommittee.		

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<p>8:00 PM Future Meeting Topics</p>	<p>Discussion of future meeting topics: DOT concerns of stormwater art program (May) – Patrick & Trudi Blue Plains Intermunicipal Agreement (IMA) – Tanya to present WSSC: Breakages & Leaks, Consent Decree Update– Martin to arrange presentation Regenerative Stormwater Conveyances as ESD, possible field trip -- Danila</p>
<p>8:10 PM Ten Mile Creek</p>	<p>Discussion whether WQAG should issue a position letter. Planning Board worksessions on the master plan amendment upcoming; Council worksessions will follow. The Planning Board will hear about a watershed health assessment tool called Biological Condition Gradient. Parts of Ten Mile Creek were assessed using the tool. Perhaps the streams throughout the entire county will use the tool in the future.</p>
<p>9:00 PM Report on Current Research</p>	<p>Paul announces results of grant-funded research to discover what persuades people to construct rainscape facilities. The second phase of project will track the study participants to see who actually constructs a facility.</p>
<p>9:05 PM Meeting Adjourned</p>	

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Member and affiliation	Present		Others in attendance and affiliation
	Yes	No	
Trudi Bick, public-at-large	X		Arvinth Samanathan, MCDEP
Dan Dosier, public-at-large		X	Margaret Boumel, MCDOT
Nate Engle, scientific/academic	X		
Beth Forbes, public-at-large	X		
Erica Goldman, scientific/academic		X	
Paul Hlavinka, public-at-large	X		
Daphne Pee, public-at-large	X		
Annette Rosenblum, scientific/academic	X		
Scott Roser, business	X		
Fred Samadani, agricultural	X		
Danila Sheveiko, Co-Chair, business	X		
Tanya Spano, environmental	X		
Cameron Tana, public-at-large		X	
Edgard Tellez-Morales, public-at-large		X	
Phil Wagner, business	X		
Patrick Walsh, Co-Chair, environmental	X		
Martin Chandler, WSSC	X		
Pam Parker, DEP	X		
Mark Symborski, MNCPPC	X		
Agenda Item	Major Points		
7:00 PM Meeting convened by Danila Sheveiko and Patrick Walsh	The draft meeting minutes for April 8, 2013, were discussed and approved as edited.		
7:20 PM Storm Drain Art	Margaret Boumel gave an overview of the current storm drain marking program. The Department of Permitting Services (DPS) will have to be involved with any storm drain art program as it permits all activities within county rights-of-way. Environmentally friendly paints must be used. Scott will contact DPS. WQAG should write the County Executive recommending the storm drain marker program be fully funded.		
7:50 PM Presentation on Role of Impervious Limits & ESD on Watersheds	Mark presented works by both Schueler (Impervious Cover Model) and Goetz (American Geophysical Union) which studied the relationship between imperviousness in a watershed and its water quality. County Code Chapter 19 (Erosion, Sediment Control & Stormwater Management Regulations) includes the definition of an impervious surface. Pervious pavement meets the definition of an impervious surface when quantifying a site's imperviousness in an exercise to determine whether the site's limits have been reached. Current bill would give credits for pervious pavements. Pervious pavements degrade over time despite proper maintenance; it's difficult to ascertain the pavement has partially failed. Impervious surface limits in Special Protection Areas and the Patuxent Watershed are determined on individual sites, not on a watershed basis.		

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(con't., Presentation on Role of Impervious Limits & ESD on Watersheds)	The County does not allow the construction of additional BMPs in order to justify a greater increase in impervious surfaces. The County Council public hearing on amendments to the Zoning Ordinance (Chapter 59) and Chapter 19 that would change the definition of "impervious" is scheduled for June 18.
8:40 PM Membership Changes	Danila, Fred, Trudi and Martin have come to the end of their terms. Daphne will step down also.
8:45 PM Ten Mile Creek Planning Board Schedule	Mark outlined the Planning Board's schedule for the Ten Mile Creek amendments. May 30: Staff's preliminary recommendation to the Planning Board. June 6: Planning Board session. July 25: Planning Board public hearing. September/October: County Council's work.
8:55 PM Business & Announcements	Tanya and Beth elected co-chairs. Scott and Paul agreed to join Pam in interviewing 3 applicants. Paul invites members to the Chesapeake Water Environment Association's Stormwater Conference on May 23 at MITAGS in Linthicum.
9:05 PM Meeting Adjourned	