

Member and affiliation	Present		Others in attendance and affiliation
	Yes	No	
Trudi Bick, public-at-large	X		Meo Curtis, DEP, Manager, Stormwater Permit Coordination Section
Beth Forbes, public-at-large	X		Ana Arriaza, DEP, Watershed Education and Outreach Specialist
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, business	X		
Tanya Spano, environmental		X	
Cameron Tana, public-at-large	X		
Edgard Tellez-Morales, public-at-large	X		
Patrick Walsh, environmental	X		
Martin Chandler, WSSC	X		
Pam Parker, DEP	X		
Mark Symborski MNCPPC	X		
Agenda Item	Major Points		
7:00 PM Meeting convened	Danila Sheveiko and Patrick Walsh convened the meeting. Diane Cameron with the Audubon Society and the Natural Resources Defense Council (NRDC) will provide the environmental position for the upcoming Ten Mile Creek discussion. There were significant changes to the meeting minutes from the December 2012 meeting so they were sent out electronically for a second review by the WQAG.		

<p>7:10 PM Stream Stewards Voluntary Program</p> <p>Ana Arriaza, DEP</p>	<p>Ana Arriaza provided a presentation on DEP’s Stream Stewards Volunteer Program (see the WQAG website for the presentation). Ms. Arriaza noted that Montgomery County has a diverse population and volunteers are needed to assist DEP with outreach and education regarding storm water management. Volunteers are required to take a 2 hour orientation. There are three categories of volunteers: Watershed Ambassadors, Speakers, and Keepers. Daphne Pee attended one of the orientation programs and was concerned that the information was too technical for the teenaged volunteers. Ms. Arriaza said there was a need for a baseline of basic terms and asked for suggestions from participants. She noted that volunteer opportunities with the Stewards Program were listed on the Montgomery County Public Schools (MCPS) volunteer list, and that some of the volunteers might not have had a specific interest in storm water issues. One suggestion was to reach out to high school environmental clubs to identify students with more scientific interests. Meo Curtis said that orientation activities required staff time. Tanya Spano suggested retired EPA and State employees as potential source of volunteers. Ms. Arriaza noted that they had recruited at Montgomery College and at local retirement communities. Two former teachers with previous association with the WQAG, Jill Coult and Kay Fulcomer were recommended as good sources for training. Paul Hlavinka will be speaking to the Gaithersburg High School environmental club on February 14. Currently, the program has 40 volunteers, and 2-3 are needed for each storm water event.</p>
<p>7:45 Watershed Outreach</p> <p>Meo Curtis, DEP</p>	<p>Ms. Curtis provided a presentation on watershed protection outreach activities (see WQAG website). By way of background, she noted that the County’s MS4 permit provides the regulatory authority for watershed protection activities, including the establishment of Total Maximum Daily Limits (TMDLs) for certain pollutants, including trash and coliforms. There are eight watersheds in Montgomery County. Agricultural run-off significantly impacts the water quality of the Chesapeake Bay. Ms. Curtis noted that staffing for outreach has been limited, but has increased to three from FY 2010. Ms. Curtis cited post installation maintenance of storm water reduction projects as a challenge. A trash reduction advertising campaign has had some success. Pet waste has been identified as contributing to surface water degradation and efforts have been made to educate the public on the importance of picking up after their pets. An annual event, the Montgomery County Water Fest to be held on March 16, 2013 at Bohrer Park, is designed to educate and engage residents on water quality issues. Recognizing the increasingly diverse population of the County Ms. Curtis and her staff are hoping to have more outreach into underrepresented communities. Ms. Curtis also noted that there is a broad continuum of development among the water shed groups, with some being very well established and others needing support. With</p>

	regards to the outreach budget, Ms. Curtis said it was well established but that increases would depend on a demonstrated link to improvements, however, data on some initiatives like pilots programs to reduce dog waste, are limited. Ms. Curtis noted that County surface water programs had contributed to improvements in the Chesapeake Bay, and added that there had been demonstrable improvements in the Sligo Creek watershed. Daphne Pee noted that bus ads for the rainscape program contained too much information and were difficult to read.
8:35 Tier II Streams letter response	According to Pam Parker, DEP is reviewing the letter, and supports protecting sensitive high quality streams. A final decision is pending and is expected by shortly.
8:39 Storm Drain Art	The Department of Transportation continues to be difficult to contact regarding this project. Patrick Walsh will follow-up with Meo Curtis.
8:40 Nominating Committee	Patrick Walsh and Daphne Pee will interview three strong candidates for two current vacancies.
8:41 10-Mile Creek	Representatives from Pulte Homes representing developers will be address the group in February and Diane Cameron representing the advocacy groups will speak in March.
8:42 Annual Report	Due to the County Council and Executive in March. Subcommittees should review work plans and provide recommendations for the February meeting.
8:43 CERB	Pam Parker will follow up with the status of the CERB report.
8:45 Meeting adjourned	

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	Yes	No	
Trudi Bick, public-at-large	X		Steve Collins, Pulte Group
Beth Forbes, public-at-large	X		Bob Harris; Learch, Early & Brewer
Erica Goldman, scientific/academic		X	Chuck Pace, NewFields
Paul Hlavinka, public-at-large	X		KC Reed, Loiederman Soltesz Associates, Inc.
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		
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 January 14, 2013, were approved as drafted.		
7:05 PM Presentation of Proposed Development in Ten Mile Creek Watershed by Pulte Group	<p>Bob Harris gave an overview of the proposed development he hopes will become the model for environmental design in the county. The development, adjacent to Ten Mile Creek, was rezoned from R-200 to RE/TDR zone in 1994. The triggers for this Clarksburg Stage 4 area were met 2 years ago.</p> <p>KC Reed says the property is 538 acres; agriculture uses on 54%, with 45% forested. The proposed development retains 80% of the existing riparian fringe and maintains drainage patterns. While 45 ac of forest will be removed, there will be a net increase of 38 ac of forested area. Ninety-two ac will be treated by 614 ESD devices and, using Center for Watershed Protection & MDE removal rates, will mimic good-forested conditions. The ESD devices will be maintained by DEP once the project is off-bond. No ponds are proposed. No wetland removal. The development will be 17% impervious. Two wastewater pumping stations, each with a back-up generator and fuel supply, will be required. One of the force mains will cross a stream.</p> <p>Chuck Pace believes impervious-cover caps no longer apply. Schuler's empirical model only considered one factor and was based on areas without ESD practices. Factors other than imperviousness also play a role in water quality: distance from stream, number of stream crossings, percentage of stream buffer as forest, etc. The vast majority of this development's impervious area is "ineffective" since there will be a 175-foot-wide riparian buffer. He noted urban pollutant loading rates can be lower than agricultural loading rates. There will be third-party monitoring of water quality before, during and after construction.</p>		

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	<p>A preliminary water quality analysis has been submitted to the Department of Permitting Services and a pre-application concept plan has been submitted to MNCPPC, both in advance of the master plan amendment. Scott Roser commented that the current trend is limiting impervious cover to less than 8%. Mark Symborski commented that it is rare for a locality to rely solely on impervious-surface caps.</p>
<p>8:40 PM Updates on Old Business</p>	<p>CERB Report has not been published yet. County Executive's response to WQAG's Tier II letter is imminent. MNCPPC report on Costco's Wheaton gas station is available. Planning Board hearing on February 28; additional meetings in March.</p>
<p>8:50 PM Subcommittees</p>	<p>Short discussions for TMDL, Outreach and ESD/Development Subcommittees</p>
<p>9:00 PM</p>	<p>Meeting adjourned</p>