



2017 Engineers' Workshop

March 23 & 24, 2017
St. Vincent College, Latrobe

- 8:00 Registration**
- 8:30 Welcome: Tony Quadro, Assistant District Manager/Technical Programs Director/Forester, Westmoreland Conservation District**
- 8:40 Programmatic Updates: DEP, invited**
- 9:10 District Administrative Updates: Kathy Fritz, Technical Programs Administrator, Westmoreland Conservation District**
- 9:25 Current Projects - Developing a County Wide Integrated Water Resources Plan: Jim Pillsbury, Hydraulic Engineer, Westmoreland Conservation District** – Learn how Westmoreland County agencies, municipalities, and citizens are working together and what steps are being taken to develop a water plan that will address all water resources in the county, especially in the reduction of stormwater runoff and the improvement of water quality for years to come.
- 9:40 Keynote: Watershed Modeling in Westmoreland County: Damon Weiss, Ethos Collaborative** – As part of the county-wide Integrated Water Resources Plan, representatives from Ethos Collaborative will explain how they have taken available data for priority watersheds in the county and developed watershed specific models.
- 10:15 Break**
- 10:30 Monitoring Stormwater BMPs in Westmoreland County –Matt Zambelli, Green Infrastructure Specialist, Westmoreland Conservation District** – Follow the steps taken by the Westmoreland Conservation District to install a variety of monitoring devices in existing and new BMPs. Examine the real data on their effectiveness as part of this new monitoring program.
- 11:00 Green Infrastructure within an Urban Vehicular Corridor: Andrew JG Schwartz, Managing Principal, Environmental Planning and Design, and Jayson S. Livingston, Senior Associate, Environmental Planning and Design** – Gain a better understanding of how to create a high functioning stormwater management area that adheres to a high level of design aesthetic while being flexible to potential future design changes.
- 11:30 Conceptual Community Stormwater Management Strategy for the Larimer Neighborhood: Joe Hackett, LaQuatra Bonci Associates; Christine Mondor, evolveEA; Ian Lipsky, eDesign Dynamics; Matt Graham, Landbase Systems; John Stephen, Ecosophic Strategies** – To address CSO issues in one of Pittsburgh's largest water/sewer sheds this design team has proposed a community-wide stormwater strategy that repurposes an unutilized valley to become Little Negley Run, a new stormwater conveyance and attenuation facility.
- 12:00 Lunch**

- 1:00 2016 Westmoreland Conservation District Demonstration Projects: Kathy Hamilton, Landscape Architect/Stormwater Technician, Westmoreland Conservation District** – Learn about the latest demonstration projects undertaken by WCD.
- 1:15 Reviewer Preferences: Jessica Kane, Erosion Control Specialist, and Chris Droste, Senior Erosion Control Specialist, Westmoreland Conservation District** – A look at what is expected and preferred when completing E&S drawing paperwork
- 1:45 Lessons Learned from Construction: Ryan Choquette, Project Manager Midstream Engineering and Construction, Tenaska Energy Management, Inc.** – Review issues encountered in the field on various projects around the U.S.
- 2:15 SWAP – Risk Informed Methods for Stormwater Assessment and Prioritization: Sara Hillegas Woida, Hydraulic Engineer, USACE, and Tom Maier, Biologist/Planner, USACE** – The US Army Corps of Engineers, in partnership with the Southwestern Pennsylvania Commission, has developed a risk-informed approach for prioritizing storm water infrastructure improvements to mitigate the damage from flash-flooding. Learn about methods used, lessons learned, and cost-share opportunities for similar projects.
- 2:45 Break**
- 3:00 Using citizen engagement and stakeholder input to inform a data driven methodology for revitalizing an urban watershed: Lisa Werder Brown, Economic Development South and Sarah Koenig, GTECH strategies** - This session discusses how citizen engagement and stakeholder input are being used to inform a data driven methodology for revitalizing the environmental, economic, and social health of this Saw Mill Run watershed and transforming the blighted main corridor into a Green Boulevard.
- 3:30 NPDES Highlights: Jim Pillsbury, Hydraulic Engineer, Westmoreland Conservation District** - The NPDES permit has recently undergone several important changes. Learn how to correctly fill out the permit documents in order to expedite a successful review.
- 4:00 Workshop Conclusion**