

**Detailed Agenda - Waukesha County 2013 Storm Water Workshop – Wednesday, April 10  
 “Lessons Learned in 20 Years of Erosion Control & Storm Water Management Programs”**

<b>Time</b>	<b>Topic</b>	<b>Description</b>	<b>Time Budget</b>	<b>Presenters</b>
7:30 – 8:00 am	Registration	Refreshments available	30 min.	
8:00-8:10 am	Introduction	<ul style="list-style-type: none"> <li>Welcome, logistics, workshop theme &amp; format, etc.</li> </ul>	10 min.	<ul style="list-style-type: none"> <li>Perry Lindquist</li> </ul>
8:10-9:00 am	Lessons Learned in Construction Site Erosion & Sediment Control	<ul style="list-style-type: none"> <li>Evolution of erosion / sediment control plans</li> <li>Contractor’s role in the planning process</li> <li>Advances in erosion control products</li> </ul>	25 min	<ul style="list-style-type: none"> <li>Gil Layton</li> </ul>
		<ul style="list-style-type: none"> <li>Development of BMP technical standards</li> <li>How to be proactive and avoid enforcement action</li> </ul>	20 min. 5 min Q&A	<ul style="list-style-type: none"> <li>Pete Wood</li> </ul>
9:00 - 10:00 am	The Evolution of Storm Water Management	<ul style="list-style-type: none"> <li>From peak flow control, to water quality, to runoff volume, to low impact development</li> <li>Designing for downstream water resources and the pollutant/issue of concern</li> <li>Impacts of TMDL plans on future efforts</li> </ul>	55 min. 5 min. Q&A	<ul style="list-style-type: none"> <li>Roger Bannerman</li> <li>Jim Bachhuber</li> </ul>
10:00–10:15 am	Break	Refreshments available	15 min.	
10:15-11:00 am	The Evolution of Storm Water BMP Design	<ul style="list-style-type: none"> <li>BMPs that improve water quality – what does the data show?</li> <li>Infiltration BMPs vs. liners &amp; drain tile – promoting groundwater recharge vs. protection of groundwater quality</li> <li>Challenges of establishing native plants</li> <li>Regional vs. widely-distributed BMPs</li> </ul>	40 min. 5 min. Q&A	<ul style="list-style-type: none"> <li>Jim Bachhuber</li> <li>Roger Bannerman</li> </ul>

<b>Time</b>	<b>Topic</b>	<b>Description</b>	<b>Time Budget</b>	<b>Presenters</b>
11:00 am – 12:00 pm	Lessons Learned in Basement Flooding	<ul style="list-style-type: none"> <li>• Groundwater vs. surface water flooding</li> <li>• How to predict both types of flood risks and avoid it</li> <li>• Case study: flood remediation projects recently completed by Waukesha County – what did we learn?</li> </ul>	40 min	<ul style="list-style-type: none"> <li>• Perry Lindquist</li> </ul>
		<ul style="list-style-type: none"> <li>• Case study – Country Bliss</li> </ul>	15 min. 5 min. Q&A	<ul style="list-style-type: none"> <li>• Sean Sullivan</li> </ul>
12:00-12:45 pm	Lunch	Buffet lunch served in the room	45 min.	
12:45 – 2:00 pm	Lessons Learned in Plan Development and Implementation	<ul style="list-style-type: none"> <li>• Meeting early to set plan goals and timelines</li> </ul>	15 min	<ul style="list-style-type: none"> <li>• Maggie Wagner or Rich Wirtz</li> </ul>
		<ul style="list-style-type: none"> <li>• Collecting soils data early &amp; using it to plan</li> </ul>	15 min	<ul style="list-style-type: none"> <li>• Alan Barrows</li> </ul>
		<ul style="list-style-type: none"> <li>• Using checklists, guidance docs., &amp; policies</li> <li>• Coordinating regulatory reviews</li> </ul>	20 min	<ul style="list-style-type: none"> <li>• Leif Hauge</li> </ul>
		<ul style="list-style-type: none"> <li>• Verifying roles &amp; responsibilities</li> <li>• Construction verification and inspection</li> </ul>	15 min. 10 min. Q&A	<ul style="list-style-type: none"> <li>• Jim Rose</li> </ul>

<b>Time</b>	<b>Topic</b>	<b>Description</b>	<b>Time Budget</b>	<b>Presenters</b>
2:00 – 2:15 pm	Break	<ul style="list-style-type: none"> <li>• Refreshments available</li> </ul>	15 min.	
2:15 – 3:15 pm	Lessons Learned in Permit Enforcement	<ul style="list-style-type: none"> <li>• Stepped enforcement – how it works</li> <li>• Case studies – what went right &amp; wrong</li> </ul>	20 min	<ul style="list-style-type: none"> <li>• Jim D’Antuono – DNR</li> </ul>
		<ul style="list-style-type: none"> <li>• How to inspect and prepare for enforcement</li> <li>• Be proactive and avoid enforcement</li> </ul>	15 min	<ul style="list-style-type: none"> <li>• Maggie Wagner or Rich Wirtz</li> </ul>
		<ul style="list-style-type: none"> <li>• Who is the responsible party?</li> <li>• Foreclosure &amp; the financial assurance process</li> </ul>	20 min. 5 min. Q&A	<ul style="list-style-type: none"> <li>• Alan Barrows</li> </ul>
3:15 – 4:00 pm	Lessons Learned in BMP Maintenance	<ul style="list-style-type: none"> <li>• Case study – Madison BMP maintenance program</li> </ul>	30 min	<ul style="list-style-type: none"> <li>• Tim Troester - City of Madison</li> </ul>
		<ul style="list-style-type: none"> <li>• BMP maintenance agreements – how to make them useful and enforceable</li> <li>• What about old BMPs? (BMP ordinance)</li> </ul>	10 min 5 min Q&A	<ul style="list-style-type: none"> <li>• Perry Lindquist</li> </ul>
4:00 pm	Adjourn	<ul style="list-style-type: none"> <li>• Complete workshop evaluations</li> </ul>		