

# Meeting Minutes

Water Resource Coordinators		
5.20.2009	9:30 am – 11:30 a.m.	City of Savage – McColl Learning Center
Facilitator	Leslie Stovring, City of Eden Prairie	
Water Ways Video		
Jean Buckley, City of Bloomington		
Discussion		
<p>The City has recently completed a video on what you can do to keep your water clean. The focus was on the yard and driveway. Topics included downspouts, rain barrels, pet waste, fertilizer, use of phosphorus-free soaps for car washing, the use of grass clippings and leaves and composting. The video was completed about one month prior and has been showing on their local cable television station.</p>		
Conclusions		
<p>The video was made to be location-nonspecific. Copies are available for any city that would like to show it on their local cable station or other locations.</p>		
Action Items		
<p>Call Jean Buckley at (952) 563-8751 if you would like a copy</p>		
TegraSeal Products		
Stephen Braun, PhD		
Discussion		
<p>The inventors of bentonite/high density polyethylene waterproofing membranes and multiple accessory products have started a new company, TegraSeal Products, LLC. TegraSeal is a company that is focusing on waterproofing and water-retention products. They do have a long history of below-grade waterproofing, but have now expanded their product line. Their ideas came originally from design and construction of earth-sheltered homes. Their products now include protected membrane roofs (PMR) where Styrofoam insulation is placed above the waterproofing membrane to improve longevity while protecting and insulating the structure. This is an alternative to conventional built-up roofs that use coal tar and aggregate for sealing or a single-ply, sprayed in place roof system.</p> <p>TegraSeal is now looking at design and construction of green roof systems using their products. Their WaterStor product retains approximately 1-1/2 gallons of water per square foot (it is a flat piece of material). It will take about 12 to 21 days to dry out after it is saturated. It is a thin membrane and it will last typically 5 to 7 years. It is sensitive to UV light so it does need to be buried in the soil. The plants do root into the product and it does provide a more consistent water supply. It mixes with sod or dirt and acts as a sponge. The green roof systems improve air quality; retain stormwater runoff; and cut down on noise. However construction of a green roof is more expensive and additional structural support is needed. It is difficult to inspect for leakage also. The vegetation may also need watering during start up and during droughts and weeding may also be needed.</p> <p>The product can also be used in gardens, planters and other locations. It is good for wherever water is limited. They are also looking at developing a product to incorporate into dirt prior to laying sod down to assist in moisture retention of sod, to reduce the</p>		
Action Items		
<p>To learn more about their products or to request samples, please go to their web site at <a href="http://www.tegraseal.com">www.tegraseal.com</a></p>		
McColl Pond Environmental Learning Center Tour		
Sam Lucido, City of Savage		
Discussion		
<p>Sam provided a tour and overview of the City's new McColl Pond Environmental Learning Center. The ELC is located within their Community Park at 13550 Dakota Ave. in Savage. The building includes 2 classrooms, a multi-purpose room and an outdoor covered patio for use by the public.</p> <p>Green features include permeable pavers, pervious concrete, native plantings in lieu of sod, rain gardens and a vegetated roof. Geo-thermal heat, passive solar energy and the use of post-consumer recycled building materials were also incorporated. The building will also be LEED Certified.</p>		
Action Items		
<p>For more information on the ELC, contact Jon Allen, ELC Coordinator, at 952-882-2678</p>		