

Topic	<u>Grow Green Landscape Professional Training</u>	Speaker	Time
	<b>Wednesday, August 6, 2014 9:00 to 4:00</b> <b>City of Austin Center for Environmental Research</b> <b>2210 South Farm to Market 973</b>		
Doors open	Sign in		8:30 – 9:00
Opening Remarks	Welcome	<b>Chris Charles*</b>	9:00 - 9:10
<b>The Magic of Composting</b>	<p><b>Composting is one of the Earth’s natural cycling mechanisms that transform living matter into richer soil and nutrients for new growth. We are learning to use this process to improve our waste handling and environment.</b></p> <p>Jody G. Slagle is an environmental engineer in biosolids treatment and recycling at the City of Austin’s Hornsby Bend Biosolids Management Facility. He is the compost manager for Dillo Dirt. Jody has a degree in Business Management from Texas Tech University and degrees in Agronomy and Civil Engineering from Texas A&amp; M University. Jody has worked in wastewater treatment for over 30 years – 10 years for the City of Dallas and 21 years for the City of Austin. His work experience includes collections systems, wastewater treatment, project management, construction inspection, and biosolids treatment and reuse. Jody is a founding member of the Texas Compost Council and the Capital Area Master Naturalists. <a href="mailto:Jody.Slagle@austintexas.gov">Jody.Slagle@austintexas.gov</a> (512) 972-1954</p>	<b>Jody Slagle*</b> Austin Water	9:10 – 10:05
Break			10:05 -10:15
<b>Restoring the Colorado River and It’s Delta, Lessons Learned</b>	<p><b>“It’s been more than 50 years since the Colorado River regularly reached the sea. But this spring, the U.S. and Mexico let the water storm through its natural delta for a grand experiment in ecological restoration. As the dam gates opened, a small band of river rats caught a once-in-a-lifetime ride”.</b>  <i>Outside Magazine July 2014</i></p> <p>Fred Phillips has over 17 years of experience doing ecosystem restoration, land planning, fundraising and landscape architecture in the southwestern United States. As a student at Purdue, he began work on his original planning of the 1042 acre ‘Ahakhav Tribal Preserve on the Colorado River Indian Reservation (CRIT), where he served as project director from 1994-1999.</p> <p>Fred initiated Fred Phillips Consulting in 1999. His cliental include government, state, city tribal and private agencies in the US and Mexico. He has pioneered experimentation to develop the most successful techniques to remove invasive salt cedar and phragmites and restore these areas with native riparian revegetation. His restoration projects include habitats within the Verde, Colorado, Gila, Rio Grande, Virgin, Muddy, Roaring Fork, Agua Fria and San Pedro Rivers.</p>	<b>Fred Phillips</b> Fred Phillips Consulting	10:15-11:00
<b>“The Soil Sponge: Compost”</b>	<p><b>Will cover the basics of increased water percolation, retention, with applications of compost and how compost is the major connection between storm water management and conservation efforts.</b></p> <p>William has worked in the nursery industry for 10 years, and studied various types of compost extensively while earning degrees at Texas State University in Agriculture Education and Horticulture. He and his team recycle 450,000 Cubic yards, annually of organic materials into mulch, composts, and soil blends at Texas Organic Products, and sell these products at GardenVille stores throughout Central Texas. <a href="mailto:wglenn@texasdisposal.com">wglenn@texasdisposal.com</a> (512) 421-7612</p>	<b>William Glenn</b> Compost Manager Garden-Ville/Texas Organic Products	11:00 -12:00

<b>LUNCH</b>	On Your Own		12:00 - 1:15
<b>Drought &amp; Utility Update</b>	<p><b>Will cover updates on the weather and lake level conditions and forecasts, and the utility's drought response measures. Mark Jordan currently serves as a Conservation Program Coordinator, Water Conservation Division, with the Austin Water Utility. He joined the city in August of 2011.</b></p> <p>Mark was a Manager for River Operations for the Lower Colorado River Authority for 11 years. His duties included the supervision of reservoir operations for water supply and flood control, dam safety, floodplain management, meteorology, water rights administration, and raw water contracts. Before coming to the LCRA, he worked for the Texas Water Commission and Texas Natural Resource Conservation Commission, predecessor agencies to the Texas Commission on Environmental Quality, for almost 15 years as an attorney and then policy director for the state's water rights, water quality and water utility programs. Mr. Jordan is a graduate of Austin College in Sherman, Texas, and the Northwestern School of Law, Lewis &amp; Clark College, in Portland, Oregon.  <a href="mailto:mark.jordan@austintexas.gov">mark.jordan@austintexas.gov</a> (512) 974-3901</p>	<p><b>Mark Jordan*</b> Austin Water</p>	1:15 – 1:45
<b>Water Conservation Through Irrigation Technology</b>	<p><b>The University of Texas at Austin has implemented a central irrigation system that monitors water usage for the landscape and alerts when problems occur. Water usage data from the system allows the university to pinpoint high water use areas and redesign the landscape and irrigation. The water sustainability effort successfully uses the latest in technologies in order to keep a healthy landscape and conserve water.</b></p> <p>His role is to ensure that the university's irrigation system conserves water while sustaining the landscape aesthetics. Markus also serves on the Water Conservation Advisory Council for the state of Texas, as an alternate for the Landscape Irrigation and Horticulture interest group. He works with other municipalities and professionals to develop best management practices that are used across the United States. He has 14 years of combined experience in the landscape and irrigation sectors and knowledge of technology through Information Systems from the University of Texas at Arlington. This knowledge and experience allows him to understand the new irrigation central systems that are being implemented across the country and how best to adapt them for sustainability practices. <a href="mailto:markus.hogue@austin.utexas.edu">markus.hogue@austin.utexas.edu</a> (512) 475-7750</p>	<p><b>Marcus Hogue</b> Program Coordinator, Irrigation and Water Conservation University of Texas at Austin</p>	1:45 – 2:45
<b>Break</b>			2:45 – 3:00
<b>Austin Water Rebates</b>	<p><b>Austin Water provides water conservation rebates for Irrigation, Waterwise Landscapes &amp; Rainwater Harvesting. Representatives from Austin Water's Water Conservation will describe the various program incentives</b></p> <p>John H. Abbott is an American Water Works Association Water Use Efficiency Practitioner Grade I, American Rainwater Catchment Society of America Certified Associate, and Leadership in Energy and Environmental Design Green Associate. <a href="mailto:john.abbott@austintexas.gov">john.abbott@austintexas.gov</a> (512)974-3535</p> <p>Jacob is a licensed irrigator for Austin Water's conservation division and has been performing irrigation evaluations and quantifying water use for Austin Water customers for the past five years. Over that time he has learned that people's view of what is considered a lot of water varies more than he could have imagined. <a href="mailto:Jacob.Johnson@austintexas.gov">Jacob.Johnson@austintexas.gov</a> (512) 974-2978</p> <p>Chris Charles is a Conservation Program Associate with the Water Conservation Division, Austin Water. He holds a Masters of Landscape Architecture from the School of Natural Resources and the Environment at the University of Michigan, Ann Arbor. Chris joined Austin Water in 2011. He currently manages all outdoor water conservation landscape programs. <a href="mailto:Christopher.Charles@austintexas.gov">Christopher.Charles@austintexas.gov</a> (512) 972-0366</p>	<p><b>John Abbott*</b></p> <p><b>Jacob Johnson*</b></p> <p><b>Chris Charles*</b></p>	<p>3:00 – 4:00</p> <p>*City of Austin</p>

