

TUESDAY
10.22.19

8TH ANNUAL

8:00 AM -
5:30 PM

Sustainable Spirits Summit



A Toast to Sustainability

OLD FORESTER DISTILLING CO. | LOUISVILLE, KY

KENTUCKY'S SUSTAINABLE SPIRITS INITIATIVE

Distilleries and breweries in Kentucky are faced with many environmental challenges and opportunities, ranging from air quality and water conservation to waste management. In addition to environmental compliance, sustainability is an ever-increasing topic of concern.

The Division of Compliance Assistance, in collaboration with the Kentucky Distillers' Association, has created the Sustainable Spirits Initiative to bring members of the industry together to discuss and share their experiences about current environmental issues and aspire to shape future opportunities for this sector. The first in this series of meetings was held on Oct. 27, 2011, at Wild Turkey. Since then, meetings have been hosted annually at various distilleries with a break in 2013. Below is a summary of past meeting hosts.

- 2011 Wild Turkey Distillery
- 2012 Woodford Reserve and Bourbon Heritage Center, Heaven Hill
- 2014 Jim Beam-Clermont
- 2015 Wild Turkey Distillery
- 2016 Brown Forman-Distillers
- 2017 Copper & Kings Distillery
- 2018 Angel's Envy Distillery



8th Annual Sustainable Spirits Initiative Partners



The Kentucky Distillers' Association (KDA), a non-profit organization, is proud of the high standing it has always enjoyed with local, state and federal officials and in its community relations. KDA has been a leading voice in bourbon and distilled spirits issues with roots that go back to the 1880s. In 1999, the KDA created the Kentucky Bourbon Trail® tour, which has quickly become one of the state's most famous and fastest-growing tourism attractions.



The Kentucky Pollution Prevention Center (KPPC) is a non-profit technical assistance organization established by the Kentucky General Assembly in 1994 through a state legislative mandate. KPPC provides technical assistance and outreach programs to Kentucky businesses, industries and organizations. The Center is based at the University of Louisville's J.B. Speed School of Engineering. KPPC's core services are free, confidential and non-regulatory.



The Division of Compliance Assistance (DCA) exists to provide services that increase environmental knowledge and encourage behavioral changes. We do this to improve regulatory compliance, achieve exceptional performance and enhance the quality of Kentucky's environment and communities. The Environmental Compliance Assistance Program (ECAP) has staff available to answer your environmental compliance questions relating to air, water and waste issues while the KY EXCEL program provides leadership education opportunities and resources.

Welcome and Facility Showcase

8:30-9:30 AM

A Morning of Sustainability Basics and Innovations

Sustainability and Compliance Resources

9:45-10:45 AM

- **Compliance Resources**

One of the first steps towards sustainability is environmental compliance. Environmental compliance includes identifying required permits/registrations, regulatory obligations plus monitoring, record-keeping, and reporting requirements. Join us as we take you step by step through items to keep in mind as your business grows.

Derek Bozzell

KY Division of Compliance Assistance

- **Sustainability**

Sustainability is based on the principle that everything we need depends, either directly or indirectly, on our natural environment. But, what is sustainability, really? Join the KY Division of Water as we explore the definition and components of Sustainable Spirits in the Commonwealth.

Tammi Hudson, P.E.

KY Division of Water

- **Sustainable Spirits and Brewing Initiative**

Starting in 2018, KPPC's Sustainable Spirits and Brewing Initiative has been providing technical assistance to the Commonwealth. Sit back and relax as KPPC provides a recap of highlights, technical details and resources for this initiative over the past year and plans for the upcoming year.

Mark Toda

Kentucky Pollution Prevention Center

Ignite Talks

10:45-11:30 AM

- **Thermal Energy Storage**

Thermal energy storage is a means of creating and storing energy on a continuous basis while lowering cost, energy and water usage. Hear how thermal energy works during this session.

Jason Dusch | Trane

- **A 2100 Plan: James B. Beam Institute**

Curious about what the James B. Beam Institute for Kentucky Spirits is doing to further sustainability of the industry? Settle in and listen.

*Dr. Seth DeBolt | James B. Beam Institute
for Kentucky Spirits*

- **Legacy of Conservation**

From investigating the largest to smallest of animals, to deciphering factors that impact white oak, Bernheim is building university-based and public research efforts with short- and long-term implications.

*Andrew Berry | Bernheim Arboretum
and Research Forest*

- **ENERGY STAR for Distilled Spirits**

Learn about an opportunity to participate as a focus industry with EPA's ENERGY STAR program plus how it can save you money and reduce your environmental footprint.

Kenya Stump | KY Office of Energy Policy

- **Watershed Watch of Kentucky**

Celebrate a new opportunity for distillery teams to volunteer, be trained and get equipped to determine the status of waters in their communities.

Dr. Perry Thomas, Ph.D. | KY Division of Water



An Afternoon Swim for Water Sustainability

Effective Watershed Management

1:00 -1:45 PM

*Steven J. Evans
Kentucky Water Resources Research Institute*

For over ten years, Steve Evans has collaborated with local communities to develop numerous watershed plans in Kentucky and Tennessee. This presentation will provide an overview of statewide Kentucky water issues, an overview of the watershed planning process, and lessons learned in effective planning. Some key distillery performance indicators will be explored as well as opportunities and partnerships by which distilleries may help improve water resources in the state.

The What and How: Engaging Others for Clean Watersheds

1:45 -2:30 PM

*Scott Duncan and Jason Nally
Beam Suntory*

Listen for insights about engaging individuals for clean watersheds and water quality by representatives of Makers Mark Distillery and Jim Beam Distillery. Find out what they are doing while picking up tips on how to start engaging the community outside your facility walls and the employees within.

Partnerships for Community Watershed Engagement and Water Sustainability Panel

2:45 - 4:15 PM

- **Bluegrass GreenSource**

Amy Sohner | Director

Bluegrass Greensource works to empower the citizens of Central Kentucky to create a sustainable environment by encouraging steps that can make a impact toward a greener future.

- **Kentucky Association for Environmental Educators**

Ashley Hoffman | Director

The Kentucky Association for Environmental Educators (KAEE) is a professional, membership based nonprofit whose primary role is to serve as the conduit that connects environmental educators throughout Kentucky.

- **Salt River Collaborative**

Formed in 2015, the Salt River Collaborative is composed of seventeen organizations, agencies, and individuals committed to improving the health and vitality of the Lower Salt River Basin.

Kurt D. Mason | USDA

*Dr. Mark K. Wourms | Bernheim Arboretum
and Research Forest*

Next Round Brewing

4:30 PM -5:15 PM

*Milad Ebrahimi
Louisville Metropolitan Sewer District*

An association of the University of Louisville, Louisville Metropolitan Sewer District, Louisville Water Company, Isopure Corporation (Louisville, KY), GRW Inc. (Louisville, KY), Clean Water Professionals of Kentucky-Tennessee, and the local craft brewing community, will use effluent from the Floyds Fork Water Quality Treatment Center in Eastern Jefferson County, and through the technology available today, refine that effluent to produce the water used by local brewers to produce high quality micro-brews.

Thank you to our host!

Old Forester Distillery has graciously provided our meeting space, lunch and a behind-the-scenes tour. Thank you for making this year's summit a great success!

Special Thanks

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