Session Number	Session Title			Start Time		Total CE Hours	Mgmt - Bus - Financial	Tech - Engin	5	> -	Disposal	Collections Stormwater-Weather-	Watershed Mgmt Supplemental
OGS	Opening General Session - Rebuttal to the OIG Report by the W4170 Multi-State Research Committee	The biosolids scientific research community took exception to much of the Office of Inspector General report "EPA Unable to Assess the Impact of Hundreds of Unregulated Pollutants in Land-Applied Biosolids on Human Health and the Environment," Report No. 19-P-0002 (USEPA, 2018). In particular, concerns abound about the numerous conclusions and broad statements about risk and available data that were not based on any scientific evidence. The researchers who prepared the rebuttal review reexamined the findings of the report with full consideration of the extensive scientific information and data available and rebut much of the November 2018 report. The main authors will present the findings of their review and summarize the official rebuttal. In addition USEPA Office of Water will discuss their perspective and negotiations with the OIG.	5/11/2021		12:30 PM	1.5 PDHs	1.5	ECHNICA		1.0	0.5	LSESSI	DNS - IEC
Session 01	PFAS and Contaminants of Concern in Biosolids	Presentations in this session explore the fate and transport of emerging organic contaminants in sludge under a variety of treatment techniques, with particular focus on PFAS. A model for assessing the risk of the contaminants to humans will be presented.	5/11/2021	1:00 PM	2:00 PM	1.0 PDHs		1.0		0.5	0.5		
Session 02	Innovative Biosolids Process Enhancements	This session will present several innovative enhancements that were made at Water Resource Recovery Facilities to improve sludge processing. Attendees will learn how the enhancements were selected and how they impacted the quality of biosolids produced.	5/11/2021	3:00 PM	4:15 PM	1.25 PDHs		1.25		1.0	0.25		
Session 03	Optimizing Digestion and Co-Digestion	This session is comprised of 4 presentations discussing evolving technology in anaerobic digestion for improved biogas production and energy recovery. Discussions include the benefits of micro-aeration and addition of source separated food waste in co-digestion as well as using microbial acclimation to overcome inhibition of fats, oil, and grease digestion. A case study on net positive resource recovery for sustainability is included.	5/12/2021	11:00 AM	12:15 PM	1.25 PDHs		1.3	1	1.00	0.25		
Session 04	Odor Control and Digestion Intensification Solutions		5/12/2021	1:00 PM	2:00 PM	1.0 PDHs		1.0		1.0			
Session 05	Land Application and Surface Disposal Benefits and Challenges	This session includes benefits and challenges associated with land application and disposition of biosolids. Topics explore the benefits of land application to improve soil health, challenges related to recent landfill disposal trends, and regulatory / legal updates and impacts to land application.	5/12/2021	3:00 PM	4:00 PM	1.0 PDHs		1.0			1.0		
Session 06	Thermal Process Optimization	This session provides examples of facilities utilizing thermal processing and energy recovery as a means to manage biosolids, and their experience in optimization of the process for enhanced performance.	5/13/2021	11:00 AM	11:45 PM	1.25 PDHs		1.25	1	1.25			
Session 07	Sustainability: Planning, Action, and Communication	It's no secret that with proper planning, biosolids can be an excellent resource for utilities to incorporate sustainable practices into daily operation. From zero waste programs, to energy capture, and end product markets, this session will present three opportunities for increased biosolids sustainability.	5/13/2021	1:30 PM	2:30 PM	1.0 PDHs	1.0		(0.50	0.50		
	Technology Spotlight	PS - WORSKHOPS - W	5/13/2021		3:00 PM	1.0 GCHs	DEVHORE 1	1.0		1.0	HODS W	ODSKA	ODS WOR
Workshop A	Dewatering Optimization – Practical Ways to Improve Performance	The Dewatering Optimization – Practical Ways to Improve Performance workshop will focus on practical solutions to increase dewatering performance including drier cake solids, better solids capture, reduced polymer consumption, and reduced operations and maintenance costs for dewatering processes for both aerobically and anaerobically digested biosolids. We feel this workshop will be of primary interest to plant managers, superintendents, operators and maintenance staff from municipalities. Furthermore, this workshop topic is critical and timely to the industry since municipalities are getting more and more pressure to reduce their budgets and do "more for less."			4:15 PM	2.32 CEUs		2.32			2.32		
Workshop B	Biosolids Communication Toolkit - Stop Poo-Pooing Biosolids Communication	WEF has released a new, comprehensive toolkit for communicating about biosolids in ways that are factual, science-based, and easily understandable by those who might be hearing about biosolids for the first time. This workshop will be an intensive, hands-on training in how to use the toolkit, including exercises in applying the resource to your organization and interactive time with the trainers and peers. The toolkit includes guidance on some of the more challenging communication tasks you may encounter—responding to, or proactively pursuing media coverage, handling concerns raised about the safety of biosolids, creating presentations for use at events or meetings with the public, and developing content to post online or on social media. The toolkit features messages that serve as an overall umbrella that can be adapted for FAQs, talking points, community meetings, fact sheets, brochures, social media, and websites.	5/6/2021	1:00 PM	4:15 PM	2.66 CEUs	2.66		i	2.66			