

**Pacific Northwest Pretreatment Workshop
Virtually, November 2020**



Presentation and Biographical Information

Presentation and Speaker biographical information will be used by the Conference Planning Committee to apply for conference Continuing Educational Units (CEU) certification. Biographical information may also be used during speaker introductions. Please e-mail this information to **Andria Swann** at andrias@sumnerwa.gov before **September 15, 2020**. If you have any questions, you may contact your PNPW sponsor.

Presentation Title & Abstract:	Milk and Beer – with a smear of Margarine on top. A case-study in solutions derived from effective industrial wastewater sampling techniques. From raw material to product manufacturing to waste treatment and disposal, sampling plays an integral role in the design and operation of both the industrial facility and the receiving POTW. Creative sampling and testing techniques help accurately quantify constituents and loading for industrial waste equalization, pretreatment, and recovery facility design. These same techniques can also help troubleshoot and improve industrial and POTW operations.	
Name & Title	Stacey L. Lamer, P.E., BCEE, LEED AP, <i>Regional Food and Beverage Industry Lead</i>	
Employer	HDR	
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e-mail Address	stacey.lamer@hdrinc.com	
# years in field	25	
Professional Association Memberships		
Air & Waste Management Association, Board Member		
Idaho Society of Professional Engineers, Future City Competition		
American Academy of Environmental Engineers, Committee Member		
Education (degree)	School Name	Year
B.S., Chemical Engineering	The University of Kansas	1999
M.S., Environmental Engineering	The University of Kansas	2011
Work History	Company	Year
Project Manager/Group Leader	CH2M Hill/Jacobs	2012-2019
Project Manager	Bartlett & West, Inc.	2004-2012
Other Biographical Information (Interests, Hobbies, etc.)		
Mountain Biking and Cyclocross		
Wakesurfing		