



## CIPCA Fall Conference 2022 Agenda

7:45am-8:15am 30min	Check-in, Breakfast, Network
8:15am 15min	Introductions over Breakfast Board Recruitment
8:30am 30min	Al Garcia Region 8 EPA <b>EPA Update and Select Topic</b>
9:00 am 45min	Chris Pasch Plummer Associates <b>Whole Effluent Toxicity – Lessons for Pretreatment</b>  <i>The discharge of industrial wastewaters to POTWs can include elevated concentrations of toxic compounds that result in whole effluent toxicity test failures or cause interference with the biological treatment processes. Identifying the cause of the toxicity or interference has often proven to be very difficult. This presentation will use examples of toxicity identification evaluations that demonstrate the difficulties in identifying the cause of toxicity when results are inconsistent and when analytical data of pollutants lead to erroneous conclusions. In addition, the presentation will discuss available assessment tests, including rapid assessment tests, to investigate industrial discharges for the presence or absence of inhibitory compounds. Chris is a regulatory consultant assisting utilities in wastewater discharge.</i>
9:45am 45min	Adele Rucker South Platte Renew <b>Laboratory QA/QC, What It Is and Why It's Important</b>  <i>Wastewater and Water Treatment plants rely on data generated about the analytical parameters in incoming and outgoing material to determine treatment and operational decisions. The data is usually generated by a laboratory, whether internal or external. Therefore the quality and reliability of the data is very important. This presentation will explain and expound on the main aspects of quality control and quality assurance, how to ensure your data is meaningful and accurate, and how to get your lab to work for you.</i>



10:30am 15min	<b>Break</b>
10:45am 30min	<p>Christian Somoza and Johnathan Miller St Vrain Sanitation District <b>User Inventory Modernization Using GIS</b></p> <p><i>User Inventory is a challenge for any pretreatment program. This presentation will discuss past data collection methods for a mid-sized District and our efforts to modernize our User Inventory using technology. Specifically, incorporating our inventory into an existing GIS platform to allow for ease of use, centralization, and data retrieval.</i></p>
11:15am 45min	<p>Joshua Balentine Brown and Caldwell <b>Regulating Craft Breweries</b></p> <p><i>This presentation discusses potential issues that craft breweries can cause on the publicly owned treatment works (POTW) and simple solutions to address and mitigate these. The presentation will walk through the struggle pretreatment programs have in determining whether or not to permit these facilities because they do not always meet the traditional definition of an SIU by discharging 25,000 gallons each day. It will also discuss the cumulative effect that many small craft breweries can have on a POTW, such as BOD/TSS loading and adverse pH conditions that can contribute to corrosion in the sewers. The presentation will give three different scenarios and poll the audience on whether or not they will permit or not permit the craft breweries in the scenario.</i></p>
12:00pm 1hour	<b>Lunch/Network</b>
1:00pm 45min	<p>Kayla Sibigtroth and Dave Louch South Platte Renew <b>CIPP and Your Treatment Plant</b></p> <p><i>Cured-in-place pipe projects are happening all over the country as a lower cost way to repair aging infrastructure. However, the information on the effects on wastewater treatment plants and the regulation of these discharges is limited and scattered. South Platte Renew will present a case study on the regulation of a discharge of this wastewater to our treatment plant and the considerations that went in to permitting this discharge.</i></p>



1:45pm 1hour	<p style="text-align: center;">Leigha Gad City and County of Broomfield <b>PFAS Sampling and Source Investigation</b></p> <p><i>The City and County of Broomfield's Colorado Discharge Elimination System Permit was recently modified to include Per-and Polyfluoroalkyl substances (PFAS) sampling at the wastewater plant's discharge effluent and reuse effluent. In addition to the monitoring, the permit requires a PFAS source investigation study. My presentation will provide information on the procedures of how The City and County of Broomfield's Industrial Pretreatment Program (IPP) will be implemented to meet the requirement of the source investigation study. Broomfield's IPP will identify sources of PFAS through sampling of the collection system, permitted industrial dischargers, wastewater questionnaires and IPP survey inspections. Also discussed will be, how and where Broomfield's IPP will collect the PFAS samples. The presentation will also cover some of the challenges that Broomfield has encountered as well as preliminary data that we are seeing. We hope to answer some questions that WWTP may be asking with the new PFAS regulations.</i></p>
2:45pm 15min	<b>Break</b>
3:00pm 1hour	<p style="text-align: center;">Joshua Balentine Brown and Caldwell <b>Conducting SIU Inspections</b></p> <p><i>This presentation reviews the role of the inspector and the three key inspection techniques, starting with pre-inspection activities, inspection, and post-inspection activities. During pre-inspection activities, the inspector's roles will be evaluating the compliance history, reviewing the permit/fact sheet/permit application, and last inspection form. During the inspection phase, the presentation will divide the inspection into three phases: interview, facility walk-through, and closeout and post-inspection. The presentation will include several examples of good facilities and issues seen while performing inspections and will be interactive with the crowd.</i></p>
4:00pm 30min	Extra Time/Closing Remarks
4:30pm	Conference Ends