



CIPCA 2023 FALL CONFERENCE AGENDA

Time	Event
7:45-8:15 am	Check-in, Breakfast, Network
8:15 am	Welcome/Year in Review Drew Caschette, CIPCA Chair
8:45 am	EPA Update and Select Topic Al Garcia Region 8 EPA
9:15 am	State Update Jon Wallace CDPHE
9:30 am	PFAS Sampling and Source Investigation Leigha Gad, Drew Caschette City of Broomfield, South Platte Renew
10:30 am	Break
10:45 am	Successful Investigations Dave Louch, Bob Bowren South Platte Renew, Colorado Springs Utilities
11:30 am	Lunch/Network
12:30 pm	CIPCA Roundtable Discussion Past, Present and Future of CIPCA
1:30 pm	IU Characterization and Survey Christa Bricker, Sara Penilla Metro Wastewater Recovery



STRIVING TO MAKE THE ENVIRONMENT A CLEANER, SAFER PLACE FOR TODAY'S AND FUTURE GENERATIONS

Time	Event
2:30pm	Break/Networking
3:00pm	CROMMER Certification and Reporting Sheri Duren City of Boulder
4:00pm	Closing Remarks
4:15pm	Conference Ends



PRESENTATIONS

EPA and State Update

Representatives of the Region 8 Environmental Protection Agency (EPA) and Colorado Department Public Health & Environment will provide a general update on both current and potential changes to federal and state regulations that may impact industrial pretreatment programs in Colorado. In Colorado, the EPA implements the Industrial Pretreatment Program at the local level. CDPHE is delegated to implement the National Pollutant Discharge Elimination System (NPDES) program at the local level, and provides additional support for Industrial Pretreatment Program.

PFAS Sampling and Source Investigation

The City and County of Broomfield (Broomfield) and South Platt Renew (SPR) Colorado Discharge Elimination System Permits were recently modified to include Per- and Polyfluoroalkyl Substances (PFAS) sampling at their wastewater plant's discharge effluent. In addition to the monitoring, the permit requires a PFAS source investigation study. This presentation will provide information on the procedures of how the Broomfield and the SPR Industrial Pretreatment Programs (IPPs) have been implemented to meet the requirement of the source investigation study.

This presentation will highlight differences on how each wastewater plant has implemented the study through sampling of the collection system, permitted industrial dischargers, wastewater questionnaires and IPP survey inspections; and the challenges Broomfield and SPR have encountered as well as preliminary data evaluation. This presentation will show different ways of implementing this new regulatory requirement from a municipality perspective.

Successful Investigations

When a publically owned treatment works (POTW) receives an unusual influent that impacts the plant or environmental concerns are present in the collection system, investigating these events does not always have a successful outcome. South Platte Renew (SPR) and Colorado Springs Utilities (CSU) will present two investigations where the source was successfully identified and corrective actions implemented by the industrial user. This presentation will cover mercury as a result of legacy contamination and facility operations that conflict with typical design criteria for grease interceptors.



Roundtable Discussion: Past, Present and Future of CIPCA

The Colorado Industrial Pretreatment Coordinators Association (CIPCA) has been around for over 30 years. While the primary function of this networking, training, and information-sharing association has not changed, the ways in which our members interact with CIPCA has over the years. For this roundtable, members will break up into small groups to discuss what value they currently get from CIPCA, and what they would like to see in the future. Veteran members can help provide some historical knowledge. Newer members can advocate for what they need as developing professionals.

IU Characterization and Survey

Industrial User (IU) Characterization is a foundational piece of any Industrial Pretreatment Program (IPP). Identifying IUs in the collection system, any potential concerns, or regulatory requirements such as permitting is critical. Metro Water Recovery is in the process of surveying their entire service area, and compiling a database of all industrial users. This is no easy task for a 200+ million gallons per day (MGD) plant. This presentation will cover how Metro Water Recovery implemented this survey program, the challenges, and solutions for acquiring valuable information across a large geographical area.

CROMMER Certification and Reporting

The City of Boulder Industrial Pretreatment Program (IPP) recently became the first IPP in Region 8 to become compliant with the Environmental Protection Agency's Cross-Media Electronic Reporting Rule (CROMMER). This allows the City Boulder IPP to accept electronic signatures and submissions from Industrial User (IUs) where hard copy reports and wet ink signatures were previously required. The City of Boulder will present the challenges and key components needed to obtain approval to implement CROMMER.



PRESENTER BIOGRAPHIES

Al Garcia, Pretreatment Coordinator EPA, Region 8

Al has significant local experience providing regulatory control to industrial and commercial facilities, including sampling, inspections, permit writing, and enforcement. Al was hired in 2008 as the Pretreatment Coordinator for EPA Region 8 and implements the Pretreatment program in Colorado, Wyoming, and Montana. He also oversees state authorized Pretreatment programs in Utah, North Dakota, and South Dakota as well as oversight of the Colorado NPDES program.

Jon Wallace, Environmental Protection Specialist CDPHE

Jon has been a permit writer for the Water Quality Control Division since 2017 focusing mostly on Domestic discharges to surface water. In 2018 Jon took over the role as the Pretreatment Coordinator for the State of Colorado where he acts as a support for facilities implementing their pretreatment programs.

Dave Louch, Pretreatment Administrator South Platte Renew

Dave's career has been focused on protection of the environment for over thirty-plus years. He previously worked in the oil and gas industry as an Environmental Hazmat/EMT Technician for Marathon Oil Company. While at Marathon he was responsible for maintaining and operating a mobile environmental gas chromatography laboratory for the purpose of evaluating soil and water contamination as a result of oil and gas production. Dave was also responsible for maintaining an Industrial Pretreatment Permit issued by Littleton/Englewood Wastewater Pretreatment Program which eventually led him into the Pretreatment Field. After leaving Marathon Oil, Dave has since worked as a regulator associated with enforcing the Clean Water Act, specifically, Industrial Pretreatment. Dave is now an Industrial Pretreatment Administrator located at South Platte Renew- formerly Littleton/Englewood Wastewater.

Drew Caschette, Industrial Pretreatment Specialist II South Platte Renew

Drew Caschette has been with South Platte Renew as an Industrial Pretreatment Specialist since 2020. Drew's primary responsibilities in Industrial Pretreatment include Permit Management, facility wastewater inspections, and the development and implementation of an ongoing PFAS Source Investigation Study in the service area. Prior the South Platte Renew, Drew worked for consulting firm as an Environmental Engineer with a range of experience which



includes: Environmental Site Assessment and Characterization, Environmental Remediation, and managing groundwater/soil sampling programs.

He holds a Bachelor's degree in Environmental Studies from the University of Colorado and a Master's degree in Environmental Engineering from Colorado State University.

Leigha Gad, Regulatory Compliance Coordinator City and County of Broomfield

Leigha Gad is currently the Regulatory Compliance Coordinator for the City and County of Broomfield. She has been in the Industrial Pretreatment Program for approximately 5 years. Leigha has a passion for the environment and especially an interest in water quality. This passion led Leigha to attain a degree in Environmental Science from Bellarmine University that is located in Louisville, Kentucky.

In 2016 Leigha moved from Kentucky to Colorado and started working at Test America and Covance Labs. In 2017 Leigha started her career at the City and County of Broomfield where she started in Stormwater and then moved to Industrial Pretreatment. She enjoys the different aspects and challenges of the Industrial Pretreatment field.

Bob Bowren, FOG Program Manager Colorado Springs Utilities

Bob has been with Colorado Springs Utilities for 18 years and joined the Industrial Pretreatment Group in December of 2019 where he currently serves as the FOG Program Manager. Prior to Industrial Pretreatment, Bob was an Environmental Technician responsible for all the emissions monitoring at the Drake Power Plant in Colorado Springs along with hazardous materials, waste, asbestos and lead remediation projects that occurred at that facility and several other gas and hydro-electric generation sites within the utility.

Christa Bricker, Industrial Pretreatment Sector Investigator Metro Water Recovery

Christa Bricker graduated from Fort Lewis College in Durango, CO with a bachelor's degree in Biochemistry. After working in an environmental inorganic chemistry lab for about a year she moved back to Denver where she worked in Leprino Foods corporate chemistry lab for another year before joining Metro Water Recovery's pretreatment team. Christa is on the Sector Team focusing on Industrial User Characterization and Survey program at Metro Water Recovery.



Sara Penilla, Industrial Pretreatment Sector Investigator Metro Water Recovery

Sara Penilla has been at Metro Water Recovery since late 2022 as an Industrial Pretreatment Sector Investigator, focusing on Industrial User Characterization and Survey program. Prior to that, she worked for Tri-County Health Department as an Environmental Health Specialist focusing on Consumer Protection and Food Safety. While she has only been in Industrial Pretreatment for almost a year, she has always been passionate about water quality, along with other environmental aspects and their relationship to public health. Sara attained a Bachelor of Science in Environmental Health from Colorado State University

Sheri Duren, Industrial Pretreatment and Field Services Supervisor City of Boulder

Sheri has been with the City of Boulder since 1999 and has held several roles in wastewater treatment and planning and development services but has spent the majority of her time in the Industrial Pretreatment workgroup. She graduated from Tennessee Technological University in 1993 with a BS in Civil & Environmental Engineering and initially worked for the State of Tennessee's Water Pollution Control group doing a variety of field work.