

MONDAY, JANUARY 30, 2023

8:30 am - 10:00 am

Opening General Session (Part 1)

Learning Objective(s):

After participating in this session, attendees will be able to:

- Participants will learn about how people are connected to and rely on Monterey's fresh and coastal waters.
- They will learn about drinking water contamination issues in the Monterey and Salinas Valley areas.
- They will hear about Monterey Waterkeeper's vision to increase access to clean drinking water and water resources by all communities, including low-income communities of color.

Speakers:

Chelsea Hsin-Feng Tu, Executive Director, Monterey Waterkeeper

Margaret Spring, Chief Conversation and Science Officer, Monterey Bay Aquarium

10:15 am - 11:30 am

Opening General Session (Part 2)

Learning Objective(s):

After participating in this session, attendees will be able to:

- Describe the boundaries of the Monterey Bay National Marine Sanctuary and that it was designated by Congress in 1992 as a federally protected marine area and includes pristine beaches, jewel-like tide pools, lush kelp forests, steep canyons and an offshore seamount teeming with life.
- Discuss pollutants of concern found in Monterey Bay and in the stormwater draining to the bay.
- Apply both the water quality information presented and MBNMS future priorities to daily work activities related to pretreatment, pollution prevention and stormwater management understanding that everything ultimately flows to the ocean.

Speakers:

Emily Hickok, Deputy District Attorney, Monterey County District Attorney's Office

Jazmine Mejia-Munoz, Research, Education & Outreach Associate

Track Lead: Beatriz Cornejo

Exploring Environmental Investigations

Room: Laguna B

1:30 pm - 4:40 pm

Track Lead: Michael Placencia, Laboratory Manager, Delta Diablo

1:30 pm - 2:20 pm

Industrial Investigation

Learning Objective(s):

After participating in this session, attendees will be able to:

- Participants will be better able to structure and conduct inspections to recognize indicators of wastewater bypass.
- The presentation will provide an example of industrial discharger bypass and the investigation conducted to identify the situation and correct violation processes, resulting in participants being able to act if they encounter similar circumstances. Participants will be able to draw on this example for forensic diagnosis and enforcement activities.
- Participants will be better able to structure, develop and give a presentation outlining material common in the wastewater industry.

Speaker: **Paula Hansen**, Senior EH&S Specialist, East Bay Municipal Utility District

2:30 pm - 3:20 pm

Investigation of Food Manufacture

Learning Objective(s):

After participating in this session, attendees will be able to:

- Upon completion of this session, participants will be able to apply the lessons learned when performing inspections to address non-complaint FOG discharges to the sanitary sewers and construct strategies for response actions.
- Upon completion of this session, participants will be able to identify, comprehend, reference, and appraise investigation evidence and conditions at the industrial user and receiving sewers.
- Upon completion of this session, participants will be able to evaluate the effective collaborative effort of day and night inspection staff to formulate and integrate investigation findings and construct appropriate responses with sewer FOG investigations.

Speakers:

David Joh, Industrial Waste Inspector, Los Angeles County Sanitation Districts

Tingting Wei, Senior Industrial Waste Inspector, LACSD

3:50 pm - 4:40 pm

[Investigation War Stories Round Table](#)

Speakers:

EBMUD, LACSD, EMWD, Delta Diablo

Clean Water Act: The Environment Yesterday, Today, & Tomorrow

Room: Laguna A

1:30 pm - 4:40 pm

Track Lead: Jared Voskuhl, Manager of Regulatory Affairs, CASA

1:30 pm - 2:20 pm

[Clean Water Act: NPDES Permitting in the Decade Ahead](#)

Speaker: Jared Voskuhl, Manager of Regulatory Affairs, CASA

2:30 pm - 3:20 pm

[Harmful Algae Bloom in South San Francisco Bay](#)

Learning Objective(s):

After participating in this session, attendees will be able to:

- Explain what a harmful algal bloom (HAB) is.
- Describe some of the conditions or factors that can lead to HABs occurring
- Describe ways in which HABs can negatively impact water quality or ecosystem health, either in general or based on observations in San Francisco

Speaker:

David Senn, Senior Scientist, San Francisco Estuary Institute Bay

3:50 pm - 4:40 pm

[Ocean Acidification & Hypoxia](#)

Speaker:

Jared Voskuhl, Manager of Regulatory Affairs, CASA

Controlling Prominent and Emerging Pollutants

Room: Seaside Ballroom

1:30 pm - 4:40 pm

1:30 pm - 2:20 pm

[Microplastics Removal at Treatment Plant](#)

Speaker: **Yian Sun**, Assistant Engineer, Hazen and Sawyer

SESSION DESCRIPTIONS

2:30 pm - 3:20 pm

Developing Flexible Local Limits Current and Emerging Pollutants

Learning Objective(s):

After participating in this session, attendees will be able to:

- Demonstrate alternative allocation methods approved by EPA to create more flexibility in local limits.
- Review difficulties that arise with implement uniform concentration local limits.
- Identify opportunities for pretreatment programs to characterize and reduce pollutants of emerging concern from nondomestic discharges.

Speaker: **Joshua Balentine**, National Pretreatment Technical Lead, Brown and Caldwell

3:50 pm - 4:40 pm

PFAS and Wastewater

Speaker: **Anne Sun, Hazen and Sawyer**

TUESDAY, JANUARY 31, 2023

8:30 am - 4:40 pm

EPA Pretreatment Training

8:30 am - 4:40 pm

Room: Laguna B

Track Lead: Tracy Wyhlidko, Industrial Waste Supervisor, City of Redding

8:30 am - 9:20 am

Introduction and Overview of EPA Pretreatment Regulations

Learning Objective(s):

After participating in this session, attendees will be able to:

- Contribute knowledgeably to your local pretreatment program
- Compare and correlate the goals of pretreatment at the local, state, and federal levels
- Implement federal requirements to regulate dental discharges

Speakers:

Chuck Durham, Director of Pretreatment Services, PG Environmental

Jim Polek, Environmental Engineer, U.S. Environmental Protection Agency

SESSION DESCRIPTIONS

9:30 am - 10:20 am

Pretreatment Standards "Categorical Regulations"

Learning Objective(s):

After participating in this session, attendees will be able to:

- Classify categorical industrial users
- Apply categorical standards in industrial user permits
- Convert limits using the Combined Wastestream Formula

Speakers:

Chuck Durham, Director of Pretreatment Services, PG Environmental

Jim Polek, Environmental Engineer, U.S. Environmental Protection Agency

10:50 am - 11:40 am

Pretreatment Standards "Prohibitions and Local Limits"

Learning Objective(s):

After participating in this session, attendees will be able to:

- Develop new local limits
- Evaluate when and how local limits need to be updated
- Implement general prohibitions, specific prohibitions, and local limits in their service area

Speakers:

Chuck Durham, Director of Pretreatment Services, PG Environmental

Jim Polek, Environmental Engineer, U.S. Environmental Protection Agency

1:30 pm - 2:20 pm

Pretreatment Compliance Audits and Inspections

Learning Objective(s):

After participating in this session, attendees will be able to:

- Prepare for what you can expect at (and when you can expect) a Pretreatment Compliance Audit or Inspection
- Make the most of a Pretreatment Compliance Audit or Inspection
- Use Pretreatment Compliance Audits and Inspections to showcase and enrich your program

Speakers:

Chuck Durham, Director of Pretreatment Services, PG Environmental

Jim Polek, Environmental Engineer, U.S. Environmental Protection Agency

2:30 pm - 3:20 pm

Industrial User Surveys and Permitting

SESSION DESCRIPTIONS

Learning Objective(s):

After participating in this session, attendees will be able to:

- Conduct a successful industrial user survey
- Determine which industrial users should be permitted
- Write a clear and effective industrial user permit

Speakers:

Chuck Durham, Director of Pretreatment Services, PG Environmental

Jim Polek, Environmental Engineer, U.S. Environmental Protection Agency

3:50 pm - 4:40 pm

Industrial User Inspections

Learning Objective(s):

After participating in this session, attendees will be able to:

- Prepare to conduct an industrial user inspection
- Assess industrial user compliance through an on-site inspection
- Document observations to support regulatory pretreatment oversight

Speakers:

Chuck Durham, Director of Pretreatment Services, PG Environmental

Jim Polek, Environmental Engineer, U.S. Environmental Protection Agency

The Power of Effective Communication

8:30 am - 4:40 pm

Room: Laguna A

8:30 am - 9:20 am

The Curiosity Cure: Human Dynamics and Relationship Building

Learning Objective(s):

After participating in this session, attendees will be able to:

- Learning Objectives: Harness your curiosity to strengthen your perceptions to optimally engage with a variety of people and in a variety of situations
- Overcome “invisible forces” (biological, psychological, sociological, and ecological) impede quality communication in these polarizing times.
- Manage the dynamics of human behavior and reaction to disrupt yourself from being hijacked from negative reactions

Speakers:

Jennifer Edwards, Co-Founder, How to Bridge the Gap

Katie McCleary, Co-Founder, How to Bridge the Gap

SESSION DESCRIPTIONS

9:30 am - 10:20 am

[Listen to Your Listening: Become an Effective and Transparent Communicator](#)

Learning Objective(s):

After participating in this session, attendees will be able to:

- Decrease your “sloppy” listening and embrace “clean and curious” listening
- Strengthen your listening to be more collaborative and use the power of silence to create more influence
- Overcome your hurdles to listening and how to listen deeper for context

Speakers:

Jennifer Edwards, Co-Founder, How to Bridge the Gap

Katie McCleary, Co-Founder, How to Bridge the Gap

10:50 am - 11:40 am

[Bridge the Gap: Transform Relationships from Challenging to Collaborative](#)

Learning Objective(s):

After participating in this session, attendees will be able to:

- Strengthen your conflict management skills when tensions run high
- Upgrade your conversation skills to yield better outcomes and speak for action
- Receive Bridge the Gap’s Top 10 Pro Communication Tips and sentence starters to overcome pressure in direct conversations

Speakers:

Jennifer Edwards, Co-Founder, How to Bridge the Gap

Katie McCleary, Co-Founder, How to Bridge the Gap

1:30 pm - 2:20 pm

[Communication and De-Escalation \(Part 1\)](#)

Learning Objective(s):

After participating in this session, attendees will be able to:

- Provides insight into the thought patterns associated with the subject of de-escalation.
- Allows the audience to think critically about the current “age of accountability” and how it affects the professional environment.
- Provides a safe academic environment to explore bias and how it affects communication.

Speaker: **John Wilson**, Owner, CBL Training and Consulting (CBLTAC)

2:30 pm - 3:20 pm

[Communication and De-Escalation \(Part 2\)](#)

SESSION DESCRIPTIONS

Learning Objective(s):

After participating in this session, attendees will be able to:

- Provides a tangible system on how to initially approach a person in a business setting, or a person in crisis (as defined by the class).
- Allows the audience to have insight into communications loops that occur in stressful situations.
- Provides dialog on sources of escalation that can be used in the future to better adapt to stressful situations.

Speaker: **John Wilson**, Owner, CBL Training and Consulting (CBLTAC)

3:50 pm - 4:40 pm

Communication and De-Escalation (Part 3)

Learning Objective(s):

After participating in this session, attendees will be able to:

- Introduces the Wolfson Formula that is a universal system to maintain one's own behavior while under stress.
- Provides a system to gain (contemporaneous) compliance in stressful situations.
- Provides a system to gain rapport and cooperation in nearly any situation.

Speaker: **John Wilson**, Owner, CBL Training and Consulting (CBLTAC)

Pretreatment Inspector Tool Belt Training

8:30 am - 4:40 pm

Room: Seaside Ballroom

Track Lead: Edwin Alonzo, City of Fontana

8:30 am - 9:20 am

Not Your Typical Inspection

Learning Objective(s):

After participating in this session, attendees will be able to:

- Reflect on and compare existing inspection programs to identify deficiencies if any exist in an effort to comply with the various aspects of 40 CFR 403.8.
- Recognize ways to build a robust inspection program.
- Appreciate the purposefulness of various types of inspections.

Speaker: **Jason Finn**, Industrial Waste Inspector, Los Angeles County Sanitation Districts

SESSION DESCRIPTIONS

9:30 am - 10:20 am

Plastics Incident Response Tracking an Illicit Discharge

Learning Objective(s):

After participating in this session, attendees will be able to:

- identify and learn to set up unique sampling approaches for unique constituents such as small plastics.
- prioritize steps for tracking of an illegal discharge that continues for multiple days and have an organized approach to tracking the source of the discharge.
- evaluate enforcement options, and fine considerations for a discharge that impacts treatment plant operations and the environment.

Speakers:

John Nurmi, Associate Civil Engineer, Sacramento Regional County Sanitation District

Michael Cook, Water Quality Laboratory Supervisor, Sacramento Regional County Sanitation District

Michelle Pate, Environmental Specialist, Sacramento Regional County Sanitation District

10:50 am - 11:40 am

Solubility Rules! Existing and Emerging Pretreatment Technologies

Speaker: **Michael Placencia**, Laboratory Manager, Delta Diablo

1:30 pm - 2:20 pm

Hazardous Waste Spill Response Safety and Identification

Learning Objective(s):

After participating in this session, attendees will be able to:

- Identify types of hazardous materials and how exposures can occur.
- Identify potential hazards from vehicle type and markings.
- Identify important information from bill of lading and Universal Hazardous Waste Manifests.

Speaker: **Edwin Alonzo**, Sr Environmental Control Tech, City of Fontana

2:30 pm - 3:20 pm

Industrial Monitoring 101

Learning Objective(s):

After participating in this session, attendees will be able to:

- Participants will understand and apply best practices in set-up and deployment of automatic samplers, flow monitoring devices, and portable multi meters (pH, Conductivity, etc).
- Participants will understand the importance of Chain of Custody and QA/QC procedures.

SESSION DESCRIPTIONS

Speaker: **Tim Ridley**, Environmental Compliance Inspector II, City of Riverside

3:50 pm - 4:40 pm

[Compliance With Electronic Reporting Regulations \(CROMERR\)](#)

Learning Objective(s):

After participating in this session, attendees will be able to:

- Identify whether or not their pretreatment program is compliant with the Cross-Media Electronic Reporting Rule.
- Access useful resources to begin the process of becoming CROMERR compliant by using free software developed by the EPA.
- Develop an idea for improving their program and present it to their management chain for consideration.

Speaker: **Nicole Sears**, Environmental Specialist III, Sacramento Regional County Sanitation District

WEDNESDAY, FEBRUARY 1, 2023

[Stormwater A to Z](#)

8:30 am - 4:00 pm

Room: Seaside Ballroom

Track Lead: Alina Constantinescu, Project Engineer, Larry Walker Associates

8:30 am - 9:20 am

[Stormwater Trash Reduction in the Bay Area: Progress Made Over the Past Decade and Remaining Challenges to Address Over the Next Decade](#)

Learning Objective(s):

After participating in this session, attendees will be able to:

- Understand the stormwater trash management regulatory requirements that California public agencies must comply with, the compliance pathways available to them, and the compliance schedules.
- More effectively select and implement source and treatment control measures to reduce the levels of trash in stormwater.
- Better understand the sources and pathways of trash/litter in receiving waters and use this information to select and implement management actions to reduce the surface water quality impacts of trash.

Speaker: **Chris Sommers**, EOA, Inc.

9:30 am - 10:20 am

[Stormwater 101](#)

SESSION DESCRIPTIONS

Speakers:

Brian Currier, Senior Research Engineer, Office of Water Programs at Sacramento State

Ramzi Mahmood, Executive Director and Professor, CSUS Office of Water Programs

10:50 am - 11:40 am

[Investigation of Illicit Discharger with Wrong IGP Coverage](#)

Learning Objective(s):

After participating in this session, attendees will be able to:

- Gain tips and tricks of investigating illegal permits.
- Use technology to assist with investigations.
- Interjurisdictional communications with investigations.

Speaker: **George Munoz**, Environmental Compliance Supervisor, City of Riverside

1:10 pm - 2:00 pm

[Stormwater BMP 101](#)

Learning Objective(s):

After participating in this session, attendees will be able to:

- Gain an understanding of the regulatory frame work prompting the need for proper implementation of stormwater BMPs.
- Visualize what stormwater BMPs are and how they should be maintained.
- Increase professional knowledge to apply in the workplace.

Presenter: **Shannon Simmers**, Regulatory Compliance Officer, City of Redlands

2:10 pm - 3:00 pm

[Stormwater Inspections: Procedures for Assessing BMP Effectiveness](#)

Learning Objective(s):

After participating in this session, attendees will be able to:

- Understand general stormwater inspection concepts.
- Conduct a rapid assessment of BMP effectiveness.
- Prioritize sites for inspection based on rapid assessment results.

Speaker: **Colleen Hunt**, Stone Creek Environmental Consulting

3:10 pm - 4:00 pm

[Identifying Illicit and Illegal Discharges](#)

Presenter: **William Edwards**

Environmental Compliance Inspector Exam Prep

8:30 am - 4:00 pm

Room: Laguna B

8:30 am - 9:20 am

Test Taking Strategies

Speakers:

Brian Currier, Senior Research Engineer, Office of Water Programs at Sacramento State

Ramzi Mahmood, Executive Director and Professor, CSUS Office of Water Programs

9:30 am - 10:20 am

ECI Test Prep Grade 1 & 2

Learning Objective(s):

After participating in this session, attendees will be able to:

- Gain insight on the knowledge, skills, and abilities relevant to the CWEA Environmental Compliance Inspector exam Grade I- Grade II.
- Increase professional knowledge to apply in the workplace.
- Improve understanding of exam content.

Speaker: **Shannon Simmers**, Regulatory Compliance Officer, City of Redlands

10:50 am - 11:40 am

ECI Test Prep Grade 1 & 2

Learning Objective(s):

After participating in this session, attendees will be able to:

- Gain insight on the knowledge, skills, and abilities relevant to the CWEA Environmental Compliance Inspector exam Grade I- Grade III.
- Increase professional knowledge to apply in the workplace.
- Improve understanding of exam content.

Speaker: **Shannon Simmers**, Regulatory Compliance Officer, City of Redlands

1:10 pm - 2:00 pm

ECI Test Prep Grade 3

Learning Objective(s):

After participating in this session, attendees will be able to:

- Study Habits-reading, and writing down for memorization when studying.
- Get a better understanding of managerial style questions.
- Re-focusing on budget types.

Speaker: **George Munoz**, Environmental Compliance Supervisor, City of Riverside

SESSION DESCRIPTIONS

2:10 pm - 3:00 pm

[ECI Test Prep Grade 4](#)

Speaker: **Kent McIntosh**, retired industrial-waste inspector, Sanitation Districts of Los Angeles County

3:10 pm - 4:00 pm

[ECI Test Prep Interactive Exam Practice Quiz](#)

Learning Objective(s):

After participating in this session, attendees will be able to:

- Interactive way of learning.
- Getting individuals to refocus and get their mind set ready to answer questions.
- Assist with questions that could possibly be on an exam, not exact verbiage but understanding the style of questions that could possibly be asked.

Speakers:

Ariana Pizano, City of Fontana

Kent McIntosh, retired industrial-waste inspector, Sanitation Districts of Los Angeles County

Shannon Simmers, Regulatory Compliance Officer, City of Redlands

George Munoz, Environmental Compliance Supervisor, City of Riverside

FOG Workshop for Inspectors and Collection System Workers

8:30 am - 4:00 pm

Room: Laguna C

8:30 am - 9:20 am

[How Do Various Grease Interceptor Designs Actually Work?](#)

Learning Objective(s):

After participating in this session, attendees will be able to:

- Participants will be able to identify the different types of grease interceptor models and differentiate them based on key attributes related to their respective designs.
- Attendees will be able to estimate the lifecycle of an FSEs grease interceptor based on maintenance practices and detecting what the grease interceptor material is composed of.
- Attendees will be able to investigate their FSE users and discover potential flaws in their equipment while being able to recommend proper best management practices for their specific grease interceptor.

Speaker: **Tony Cole**, Market Development Specialist, Endura/IPEX USA

SESSION DESCRIPTIONS

9:30 am - 10:20 am

[How to Inspect a Grease Interceptor \(Live Outdoor Demonstration\)](#)

Learning Objective(s):

After participating in this session, attendees will be able to:

- Learner will know what a grease interceptor is
- Learner should have a good starting point to assess proper maintenance for the unit
- Learner should be able to recognize potential issues/problems with the unit

Speakers:

Juan Arreguin, Environmental Compliance Inspector , Monterey One Water

Ken Loucks, IW Consulting Service

10:50 am - 11:40 am

[Collection System Sanitary Sewer Management Plan & FOG Reduction](#)

Speaker: **Jim Fisher**, Fischer Compliance

1:10 pm - 2:00 pm

[Collection System Grease Issues and Elements of a F.O.G. Program](#)

Learning Objective(s):

After participating in this session, attendees will be able to:

- Upon completion, participations will be able to create and manage a municipal fats, oils, & grease program.
- Upon completion, participations will be able to identify and troubleshoot issues within their collection systems caused by fats, oils, & grease.
- Upon completion, participations will be able to conduct onsite fats, oils, & grease inspections.

Speaker: **Samuel Mcleod**, FOG BMP Software

2:10 pm - 3:00 pm

[Safety and Ergonomics for Collection System Workers and Inspections](#)

Learning Objective(s):

After participating in this session, attendees will be able to:

- Upon completion participants will be able to demonstrate the "5 Simple Rules of Lifting". These rules will ensure you are protecting your lower back with repetitive or heavy lifting .
- Participants will gain appreciation of the demands on the body in their work environment. Harmful lifting habits are improved when perspective changes
- Walking away from the session, a participate will understand the rationale for performing low stabilization exercises. 4 simple exercises will be demonstrated to "Build a bullet proof back."

Speaker: **Don Freeman**, Occumetric

SESSION DESCRIPTIONS

3:10 pm - 4:00 pm

"Something is Strange Here" Things That Go Wrong with Grease Traps and Interceptors

Learning Objective(s):

After participating in this session, attendees will be able to:

- Remember an example of what can go wrong with a grease interceptor.
- Decide how to handle a situation where something has broken or gone wrong with a grease interceptor.
- Realize that being able to take lessons from other inspectors and apply it to their own work is a valuable skill that will save time and effort.

Speakers:

Paul Prange, City of San Jose

Tracy Wyhlidko, Industrial Waste Supervisor, City of Redding