



ERIE COUNTY WATER AUTHORITY

INTEROFFICE MEMORANDUM

August 5, 2025

TO: Terrance McCracken, Secretary

FROM: Sabrina A. Figler, Director of WQ

SUBJECT: **Travel Request for Sabrina Figler, Director of Water Quality, and Ryan McKernan, Analytical Chemist, to the AWWA WQTC 2025, Seattle, Washington**

The AWWA Water Quality Technology Conference (WQTC) is an annual event organized by the American Water Works Association (AWWA) that focuses on advancing water quality management. It addresses various topics, including advanced treatment technologies, emerging contaminants, and regulatory updates. The conference features technical sessions, workshops, and an exhibit hall showcasing the latest advancements in water treatment and distribution.

I am requesting Ryan to attend the regularly scheduled conference, Monday – Wednesday. I am requesting to attend a Sunday workshop on Microbial Regrowth in the Distribution System in addition to the regularly scheduled conference. The Sunday Workshop itinerary and the Conference itinerary is filed in the Agenda August 21, 2025, Board Meeting folder.

I appreciate the Board's consideration in letting Ryan and me attend. This conference is, in my opinion, and for our scientific background, the most educational and informative conference of the year.

BUDGET:

TRAVEL: 1030 401000 640212
Balance: \$6920.00

TRAINING: 1030 401000 640237
Balance: \$3711.00

A handwritten signature in cursive script, reading "Sabrina Figler".

**ERIE COUNTY WATER AUTHORITY
AUTHORIZATION FORM
For Approval/Execution of Board Meeting Documents**

Document Name: _____ **Project No.:** _____

Description: _____

Item Description:

Choose one:

Other: _____

Action Requested:

Choose one:

Other: _____

Approvals Required:

APPROVED AS TO CONTENT:

Chief Financial Officer _____ Date: _____

Chief Operating Officer  _____ Date: 08/11/2025

Claims Rep. – Risk Manager _____ Date: _____

Comptroller _____ Date: _____

Director of Administration _____ Date: _____

Director of Distribution _____ Date: _____

Director of Human Resources _____ Date: _____

Director of IT _____ Date: _____

Director of Production _____ Date: _____

Director of Water Quality  _____ Date: 8/8/2025

Executive Engineer _____ Date: _____

General Counsel (Legal) _____ Date: _____

Other: _____ Date: _____

APPROVED FOR BOARD RESOLUTION:

Secretary to the Authority  _____ Date: 08/11/2025

Remarks: _____

Resolution Date: _____ **Item No:** _____



Sun. Nov 9 ↗

Mon. Nov 10 ↗

Tue. Nov 11 ↗

Wed. Nov 12 ↗

Track

Advances in
Treatment
Comprehensive
Conveyance
Concerns:
Distribution
Systems, Premise
Plumbing, and
DBPs
Contaminants of
Concern and
Water 2050
Keynote
Micro Focus
PFAS
PFAS and Water
Quality/Monitoring
Poster Session
Pre Conference
Workshop
Water Quality and
Monitoring

Below are all sessions containing your keyword search

Sunday, November 9, 2025

PCW01 - From Data Management to Data Analysis—A Technical Deep-Dive
Yoko Koyama

Moderator(s):

Event Type: Pre Conference Workshop

Event Track: Pre Conference Workshop

💧 08:00 AM - 05:00 PM PDT | [SunDETAILS ▶](#)

PCW02 - Adding Utility Benchmarking to Your Continuous Performance
Improvement Toolbox

Moderator(s):

Event Type: Pre Conference Workshop

Event Track: Pre Conference Workshop

💧 08:00 AM - 12:00 PM PDT | [SunDETAILS ▶](#)

Event Type

Educational Sessions

PCW03 - Using ATP to Monitor Microbial Regrowth in the Drinking Water
Distribution System (Offsite Workshop)

Moderator(s):

Event Type: Pre Conference Workshop

Event Track: Pre Conference Workshop

💧 01:00 PM - 05:00 PM PDT | [SunDETAILS ▶](#)

[Clear All Filters](#)

Filter By Speaker



While AWWA has taken care to ensure the qualifications of speakers, presenters and moderators at this conference, the opinions, comments and other views made by participants in his/her presentation(s) are not necessarily those of AWWA nor its officers, directors, planning committee or staff.



Add to Calendar

Monday, November 10, 2025

OGS - Opening General Session

Moderator(s):

Event Type: Educational Sessions

Event Track: Keynote

08:15 AM - 09:30 AM PDT | [MonDETAILS](#) ▶



Add to Calendar

PST01 - Monday Morning Poster Session

Moderator(s):

Event Type: Educational Sessions

Event Track: Poster Session

09:30 AM - 10:30 AM PDT | [MonDETAILS](#) ▶



Add to Calendar

MON01 - Water 20250 Shaping a Sustainable, and Resilient Future for the Water Sector (Part 1)

Moderator(s): Meg Roberts

Event Type: Educational Sessions

Event Track: Contaminants of Concern and Water 2050

10:30 AM - 12:00 PM PDT | [MonDETAILS](#) ▶



Add to Calendar

MON02 - Innovations in Direct and Indirect Potable Reuse (Part 1)

Moderator(s): Meagan Lundgren

Event Type: Educational Sessions

Event Track: Advances in Treatment

10:30 AM - 12:00 PM PDT | [MonDETAILS](#) ▶



Add to Calendar

MON03 - Legionella - History and Current Research

Moderator(s): Sherry Parker

Event Type: Educational Sessions

Event Track: Micro Focus

🕒 10:30 AM - 12:00 PM PDT | [MonDETAILS ▶](#)



Add to Calendar

MON04 - Lead and Copper Sampling, Find, and Fix

Moderator(s): Shannon Evanchec

Event Type: Educational Sessions

Event Track: Comprehensive Conveyance Concerns: Distribution Systems, Premise Plumbing, and DBPs

🕒 10:30 AM - 12:00 PM PDT | [MonDETAILS ▶](#)



Add to Calendar

MON05 - Advancements in Real-Time Monitoring and Analytical Methods for Potable Reuse

Moderator(s): Christopher Bellona

Event Type: Educational Sessions

Event Track: Water Quality and Monitoring

🕒 10:30 AM - 12:00 PM PDT | [MonDETAILS ▶](#)



Add to Calendar

MON06 - PFAS: Occurrence, Sources, Variability, Fate and Transport

Moderator(s): Erik Rosenfeldt

Event Type: Educational Sessions

Event Track: PFAS and Water Quality/Monitoring

🕒 10:30 AM - 12:00 PM PDT | [MonDETAILS ▶](#)



Add to Calendar

MON07 - Evaluating and Optimizing Powdered Activated Carbon for PFAS Removal

Moderator(s): Alice Fulmer

Event Type: Educational Sessions

Event Track: PFAS

🕒 10:30 AM - 12:00 PM PDT | [MonDETAILS ▶](#)



Add to Calendar

MON08 - Innovative Strategies for 1,4-Dioxane and PFAS Removal: From Source to Concentrate

Moderator(s): Keisuke Ikehata

Event Type: Educational Sessions

Event Track: Contaminants of Concern and Water 2050

🕒 01:15 PM - 03:15 PM PDT | [MonDETAILS ▶](#)



Add to Calendar

MON09 - Innovations in Direct and Indirect Potable Reuse (Part 2)

Moderator(s): David Pernitsky

Event Type: Educational Sessions

Event Track: Advances in Treatment

🕒 01:15 PM - 03:15 PM PDT | [MonDETAILS ▶](#)



Add to Calendar

MON10 - Strategic Management of Opportunistic Pathogens

Moderator(s): Bina Nayak

Event Type: Educational Sessions

Event Track: Micro Focus

🕒 01:15 PM - 03:15 PM PDT | [MonDETAILS ▶](#)



Add to Calendar

MON11 - Lead Release Research

Moderator(s): Colin White

Event Type: Educational Sessions

Event Track: Comprehensive Conveyance Concerns: Distribution Systems, Premise Plumbing, and DBPs

🕒 01:15 PM - 03:15 PM PDT | [MonDETAILS ▶](#)



Add to Calendar

MON12 - Operational Challenges Faced by Water Treatment Utilities

Moderator(s): Amlan Ghosh

Event Type: Educational Sessions

Event Track: Water Quality and Monitoring

🕒 01:15 PM - 03:15 PM PDT | [MonDETAILS ▶](#)




Add to Calendar

MON13 - PFAS: Bench- and Pilot-Testing

Moderator(s): Brock Emerson

Event Type: Educational Sessions

Event Track: PFAS and Water Quality/Monitoring

 01:15 PM - 03:15 PM PDT | [MonDETAILS](#) ▶



Add to Calendar

MON14 - Alternative Treatment Technologies and Innovative Solutions for PFAS

Moderator(s): Kenan Ozekin

Event Type: Educational Sessions

Event Track: PFAS

 01:15 PM - 03:15 PM PDT | [MonDETAILS](#) ▶



Add to Calendar

PST02 - Monday Afternoon Poster Session

Moderator(s):

Event Type: Educational Sessions

Event Track: Poster Session

 03:15 PM - 04:15 PM PDT | [MonDETAILS](#) ▶



Add to Calendar

Tuesday, November 11, 2025

TUE01 - From Lithium to Chloronitramide: New Challenges in Drinking Water Quality

Moderator(s): Christine Owen

Event Type: Educational Sessions

Event Track: Contaminants of Concern and Water 2050

 08:15 AM - 12:00 PM PDT | [TueDETAILS](#) ▶



Add to Calendar

TUE02 - BAF Piloting: Macro Lessons Learned

Moderator(s): Melina Bautista, Melina Bautista

Event Type: Educational Sessions

Event Track: Advances in Treatment

 08:15 AM - 09:45 AM PDT | [TueDETAILS](#) ▶



Add to Calendar

TUE03 - Proactive Approaches for Cyanobacteria and Cyanotoxins:
Detection and Monitoring

Moderator(s): Tracy Kump

Event Type: Educational Sessions

Event Track: Micro Focus

🕒 08:15 AM - 12:00 PM PDT | [TueDETAILS ▶](#)



Add to Calendar

TUE04 - Corrosion Control Optimization

Moderator(s): Kira Smith

Event Type: Educational Sessions

Event Track: Comprehensive Conveyance Concerns: Distribution Systems,
Premise Plumbing, and DBPs

🕒 08:15 AM - 12:00 PM PDT | [TueDETAILS ▶](#)



Add to Calendar

TUE05 - How Do We Know What We Know? Environmental Sensors:
Research to Reality.

Moderator(s): Bina Nayak

Event Type: Educational Sessions

Event Track: Water Quality and Monitoring

🕒 08:15 AM - 12:00 PM PDT | [TueDETAILS ▶](#)



Add to Calendar

TUE06 - PFAS Analytical Challenges and Successes

Moderator(s): Chris Moody

Event Type: Educational Sessions

Event Track: PFAS and Water Quality/Monitoring

🕒 08:15 AM - 09:45 AM PDT | [TueDETAILS ▶](#)



Add to Calendar

TUE07 - Challenges and Advancements in PFAS Degradation and
Destruction Technologies

Moderator(s): Brent Alspach

Event Type: Educational Sessions

Event Track: PFAS

🕒 08:15 AM - 12:00 PM PDT | [TueDETAILS ▶](#)



Add to Calendar

PST03 - Tuesday Poster Session

Moderator(s):

Event Type: Educational Sessions

Event Track: Poster Session

🕒 09:45 AM - 10:45 AM PDT | Tue[DETAILS ▶](#)



Add to Calendar

TUE09 - Leveraging Data and Machine Learning in Water Systems

Moderator(s): Yoko Koyama

Event Type: Educational Sessions

Event Track: Advances in Treatment

🕒 10:30 AM - 12:00 PM PDT | Tue[DETAILS ▶](#)



Add to Calendar

TUE13 - Taking the Paralysis out the Analysis – An overview for Performing your Own PFAS Laboratory Analysis

Moderator(s): John Civardi

Event Type: Educational Sessions

Event Track: PFAS and Water Quality/Monitoring

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TUE08 - Lithium - Challenges and Potential Solutions for a Problematic Emerging Contaminant

Moderator(s): Philip Brandhuber

Event Type: Educational Sessions

Event Track: Contaminants of Concern and Water 2050

🕒 01:30 PM - 05:00 PM PDT | Tue[DETAILS ▶](#)



Add to Calendar

TUE10 - Golden Mussels and Snails – Dealing with Nuisance Organisms in Drinking Water Systems

Moderator(s): Bina Nayak

Event Type: Educational Sessions

Event Track: Micro Focus

🕒 01:30 PM - 03:00 PM PDT | TueDETAILS ►



Add to Calendar

TUE11 - Lead Service Line Inventory and Point of Use Filters

Moderator(s): Ian Robinson

Event Type: Educational Sessions

Event Track: Comprehensive Conveyance Concerns: Distribution Systems, Premise Plumbing, and DBPs

🕒 01:30 PM - 05:00 PM PDT | TueDETAILS ►



Add to Calendar

TUE12 - Advantages of Source Water Monitoring and Protection

Moderator(s): Adam Eyring

Event Type: Educational Sessions

Event Track: Water Quality and Monitoring

🕒 01:30 PM - 03:00 PM PDT | TueDETAILS ►



Add to Calendar

TUE14 - Latest Developments in PFAS Destruction – The Path to Full-Scale Destruction. Perspectives from Academia, Utility, and Industry

Moderator(s): Charlie Liu

Event Type: Educational Sessions

Event Track: PFAS

🕒 01:30 PM - 05:00 PM PDT | TueDETAILS ►



Add to Calendar

TUE15 - Advances in Water Treatment Technologies

Moderator(s): Scott Alpert

Event Type: Educational Sessions

Event Track: Advances in Treatment

🕒 01:30 PM - 05:00 PM PDT | TueDETAILS ►



Add to Calendar

TUE18 - PFAS Treatment Screening, Selection, and Other Considerations

Moderator(s): Jihyon Im

Event Type: Educational Sessions

Event Track: PFAS and Water Quality/Monitoring

🕒 01:30 PM - 03:00 PM PDT | TueDETAILS ▶



Add to Calendar

TUE16 - Microbiology of the Water Distribution System

Moderator(s): Kara Cunningham

Event Type: Educational Sessions

Event Track: Micro Focus

🕒 03:30 PM - 05:00 PM PDT | TueDETAILS ▶



Add to Calendar

TUE17 - Leveraging Microbial Monitoring for Pathogen Detection

Moderator(s): Grace Jang

Event Type: Educational Sessions

Event Track: Water Quality and Monitoring

🕒 03:30 PM - 05:00 PM PDT | TueDETAILS ▶



Add to Calendar

TUE19 - Advancements and Challenges in Filtration

Moderator(s): Matthew Sullivan

Event Type: Educational Sessions

Event Track: PFAS and Water Quality/Monitoring

🕒 03:30 PM - 05:00 PM PDT | TueDETAILS ▶



Add to Calendar

Wednesday, November 12, 2025

WED01 - Microplastics in Drinking Water: Monitoring, Modeling, and Mitigation

Moderator(s): Brent Alspach

Event Type: Educational Sessions

Event Track: PFAS

🕒 08:30 AM - 12:00 PM PDT | WedDETAILS ▶



Add to Calendar

WED02 - What's New With Coagulation, Flocculation, and Filtration?

Moderator(s): Rebecca Venot

Event Type: Educational Sessions

Event Track: Advances in Treatment

 08:30 AM - 12:00 PM PDT | [WedDETAILS ▶](#)



Add to Calendar

WED03 - Microbial Source Tracking - Tools and Applications

Moderator(s): Norma Ruecker

Event Type: Educational Sessions

Event Track: Micro Focus

 08:30 AM - 12:00 PM PDT | [WedDETAILS ▶](#)




Add to Calendar

WED04 - Premise Plumbing, Biofilms, and Nitrification

Moderator(s): Amlan Ghosh

Event Type: Educational Sessions

Event Track: Advances in Treatment

 08:30 AM - 12:00 PM PDT | [WedDETAILS ▶](#)




Add to Calendar

WED05 - Impacts and Solutions: Wildfires

Moderator(s): Sarah Page

Event Type: Educational Sessions

Event Track: Water Quality and Monitoring

 08:30 AM - 12:00 PM PDT | [WedDETAILS ▶](#)



Add to Calendar

WED06 - Developments in Manganese Detection and Treatment

Moderator(s): Philip Brandhuber

Event Type: Educational Sessions

Event Track: PFAS and Water Quality/Monitoring

 08:30 AM - 10:00 AM PDT | [WedDETAILS ▶](#)



Add to Calendar

WED07 - PFAS Treatment at Demonstration- and Full-Scale: From Treatment Testing to Design, Operation, Performance and Lessons Learned

Moderator(s): Alice Fulmer

Event Type: Educational Sessions

Event Track: PFAS

🕒 08:30 AM - 12:00 PM PDT | [WedDETAILS ▶](#)



Add to Calendar

WED13 - Laboratory Method Improvements and Optimizations

Moderator(s): Christiane Hoppe-Jones

Event Type: Educational Sessions

Event Track: PFAS and Water Quality/Monitoring

🕒 10:30 AM - 12:00 PM PDT | [WedDETAILS ▶](#)



Add to Calendar

WED08 - Water 2050: Shaping a Sustainable, and Resilient Future for the Water Sector (Part 2)

Moderator(s): Meg Roberts

Event Type: Educational Sessions

Event Track: Contaminants of Concern and Water 2050

🕒 01:30 PM - 03:00 PM PDT | [WedDETAILS ▶](#)



Add to Calendar

WED09 - Ozone Based Water Treatment Solutions

Moderator(s): Keisuke Ikehata

Event Type: Educational Sessions

Event Track: Advances in Treatment

🕒 01:30 PM - 05:00 PM PDT | [WedDETAILS ▶](#)



Add to Calendar

WED10 - Microbial Communities and Risk

Moderator(s): Benjamin Swaringen

Event Type: Educational Sessions

Event Track: Micro Focus

🕒 01:30 PM - 03:00 PM PDT | [WedDETAILS ▶](#)



Add to Calendar

WED11 - Disinfection Byproducts: Formation, Behaviour, and Control

Moderator(s): Ruth Marfil-Vega

Event Type: Educational Sessions

Event Track: Comprehensive Conveyance Concerns: Distribution Systems, Premise Plumbing, and DBPs

🕒 01:30 PM - 03:00 PM PDT | [WedDETAILS ▶](#)



Add to Calendar

WED12 - Responding to Salt Contamination Incidents

Moderator(s): Rebecca Kriss

Event Type: Educational Sessions

Event Track: Water Quality and Monitoring

🕒 01:30 PM - 05:00 PM PDT | [WedDETAILS ▶](#)



Add to Calendar

WED14 - PFAS Removal Using Ion Exchange

Moderator(s): Jihyon Im

Event Type: Educational Sessions

Event Track: PFAS

🕒 01:30 PM - 03:00 PM PDT | [WedDETAILS ▶](#)



Add to Calendar

WED17 - Public Health Monitoring: From Water Rights to Health Risk Assessments

Moderator(s): Rebecca Slabaugh

Event Type: Educational Sessions

Event Track: PFAS and Water Quality/Monitoring

🕒 01:30 PM - 03:00 PM PDT | [WedDETAILS ▶](#)



Add to Calendar

WED15 - Water 2050: Data Driven Innovations in the Water Sector

Moderator(s): Joshua Benjamin

Event Type: Educational Sessions

Event Track: Contaminants of Concern and Water 2050

🕒 03:30 PM - 05:00 PM PDT | [WedDETAILS ▶](#)




Add to Calendar

WED16 - Advancing Virus Removal and Monitoring in Water Reuse Applications

Moderator(s): Grace Jang

Event Type: Educational Sessions

Event Track: Micro Focus

 03:30 PM - 05:00 PM PDT | [WedDETAILS ▶](#)



Add to Calendar

WED18 - PFAS: Residuals and Concentrate Management

Moderator(s): Catherine Hughes Keenan

Event Type: Educational Sessions

Event Track: PFAS

 03:30 PM - 05:00 PM PDT | [WedDETAILS ▶](#)



Add to Calendar

WED19 - Taste and Odor Mitigation

Moderator(s): Hunter Adams

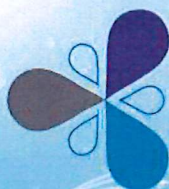
Event Type: Educational Sessions

Event Track: PFAS and Water Quality/Monitoring

 03:30 PM - 05:00 PM PDT | [WedDETAILS ▶](#)



Add to Calendar



WATER QUALITY TECHNOLOGY CONFERENCE

November 9-13, 2025
Tacoma, WA

Step 1

Step 2

Step 3

Step 4

Step 5

Registration
Options

Contact
Information

Waiver

Event Options

Payment

Next

Workshop(s)

Tour(s)

Workshop(s)



\$285.00

PCW01 - From Data Management to Data Analysis—A Technical Deep-Dive Yoko Koyama

Pre-Conference Workshops are an additional cost and require pre-registration.

PCW01 Workshop is limited to 50 attendees.

PCW01 - From Data Management to Data Analysis—A Technical Deep-Dive

Dive into the intersection of water engineering and data science in this comprehensive workshop. From breaking down data silos to implementing machine learning models, you'll gain practical skills for turning operational data into actionable insights. Perfect for professionals of all backgrounds seeking to learn data analysis techniques for water—no advanced coding experience needed.

Workshop Date/Time: Sunday, November 9 | 8:00 a.m. - 5:00 p.m. (Full Day)



\$160.00

PCW02 - Adding Utility Benchmarking to Your Continuous Performance Improvement Toolbox

Workshop Date/Time: Sunday, November 9, 2025 | 8:00 am - 12:00 pm (Half Day)



\$215.00

PCW03 - Using ATP to Monitor Microbial Regrowth in the Drinking Water Distribution System (Offsite Workshop)

Workshop Date/Time: Sunday, November 9 | 8:00 a.m. - 12:00 p.m. (Half Day - Offsite)



Sun. Nov 9 ↗

Mon. Nov 10 ↗

Tue. Nov 11 ↗

Wed. Nov 12 ↗

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Search

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Clear All Filters

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Moderator(s): Melina Bautista, Melina Bautista

Event Type: Educational Sessions

Event Track: Advances in Treatment

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Add to Calendar



Add to Calendar

PST03 - Tuesday Poster Session

Moderator(s):

Event Type: Educational Sessions

Event Track: Poster Session

🕒 09:45 AM - 10:45 AM PDT | Tue[DETAILS ▶](#)



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Event Type: Educational Sessions

Event Type: Educational Sessions

Event Track: Micro Focus

🕒 03:30 PM - 05:00 PM PDT | [WedDETAILS ▶](#)



Add to Calendar

WED18 - PFAS: Residuals and Concentrate Management

Moderator(s): Catherine Hughes Keenan

Event Type: Educational Sessions

Event Track: PFAS

🕒 03:30 PM - 05:00 PM PDT | [WedDETAILS ▶](#)



Add to Calendar

WED19 - Taste and Odor Mitigation

Moderator(s): Hunter Adams

Event Type: Educational Sessions

Event Track: PFAS and Water Quality/Monitoring

🕒 03:30 PM - 05:00 PM PDT | [WedDETAILS ▶](#)



Add to Calendar

TRAINING REQUEST

Date: 8/1/2025

Employee Name	Job Title	Department
Sabrina Figler	Director of Water Quality	Water Quality

Dates of Training

From: 11/9/2025 To: 11/12/2025 Total number of business days: 3

Training requests which require overnight accommodations must be accompanied by a Travel Request form.

Training Information

Title of Course(s) AWWA WQTC

PLUS - Sunday half-day workshop "Using ATP to Monitor Microbial Regrowth in Drinking Water Distribution Syst"

Description Annual conference of water professionals from around the world convening to discuss and teach all topics related to water quality, including but not limited to treatment, microbial detection, pfas, corrosion control

Is this course needed to meet continuing education or contact hour requirements? no

How many credit hours will you receive? n/a

How many credits (per year) required for your license?

How many credits do you have year-to-date?

Are there 2 or more people attending this seminar? yes

Are there concurrent sessions? yes

Why is there a need for 2 or more people to attend this seminar? because of concurrent sessions in microbiology and chemistry

Estimated Cost

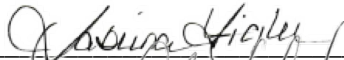
Registration Fee \$ 760 + \$215=\$975 Mileage & Tolls \$ 840

TOTAL ESTIMATED COST \$ 1815

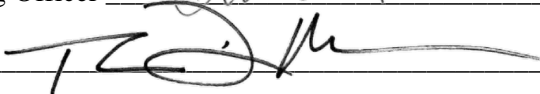
Balance in the training budget prior to this trip \$ 3711

Unit Number 1030 Primary Number 401000 G/L Number 640237

Approvals

Department Head  Date 8/5/2025

Chief Operating Officer  Date 08/11/2025

Secretary  Date 08/11/2025

TRAVEL REQUEST

Date: 8/4/2025

Employee Name	Job Title	Department
Sabrina A Figler	Director of Water Quality	Water Quality

Destination: AWWA WQTC Seattle, WA

Is this training needed to meet professional licensing requirements? no

Description of training or business, and reasons and benefits of attendance: Fresh insight on PFAS & microplastics, advanced techniques to microbial detection in the distribution system, advances in treatment, lead, copper and corrosion cont. water quality monitoring, bench and pilot scale testing, emerging contaminants, DBP's, Cyanobacteria, waterborne pathogens

Dates of Travel

From: 11/8/2025 To: 11/13/2025 Total number of business days: 4

Estimated Cost

Transportation \$ 550 air + \$200 Hotel Accommodations \$ 1383 Meals \$ 550
Uber airport + \$80 Buffalo airport parking

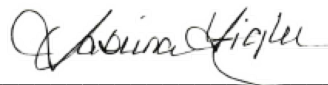
TOTAL ESTIMATED COST \$ 3738 W/ REGISTRATION FEE \$ 760 conference + \$215 Sunday half day workshop = \$975

Balance in the training budget prior to this trip \$ 10631

Unit Number 1030 Primary Number 401000 G/L Number 640212 - \$6920
640237 - \$3711

Comments (i.e. spouse traveling, preferences): _____

Approvals

Department Head  Date 8/4/2025

Chief Operating Officer  Date 08/11/2025

Secretary  Date 08/11/2025

TRAINING REQUEST

Date: 8/1/2025

Employee Name	Job Title	Department
Ryan McKernan	Analytical Chemist	Water Quality

Dates of Training

From: 11/10/2025 To: 11/12/2025 Total number of business days: 3

Training requests which require overnight accommodations must be accompanied by a Travel Request form.

Training Information

Title of Course(s) AWWA WQTC

Description Annual conference of water professionals from around the world convening to discuss and teach all topics related to water quality, including but not limited to treatment, microbial detection, pfas, corrosion control

Is this course needed to meet continuing education or contact hour requirements? yes

How many credit hours will you receive? 9

How many credits (per year) required for your license? 30

How many credits do you have year-to-date? 0

Are there 2 or more people attending this seminar? yes

Are there concurrent sessions? yes

Why is there a need for 2 or more people to attend this seminar? because of concurrent sessions in microbiology and chemistry

Estimated Cost

Registration Fee \$ 760 Mileage & Tolls \$ 840

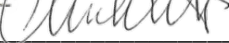
TOTAL ESTIMATED COST \$ 1600

Balance in the training budget prior to this trip \$ 3711

Unit Number 1030 Primary Number 401000 G/L Number 640237

Approvals

Department Head  Date 8/5/2025

Chief Operating Officer  Date 08/11/2025

Secretary  Date 08/11/2025

TRAVEL REQUEST

Date: 8/4/2025

Employee Name	Job Title	Department
Ryan McKernan	Analytical Chemist	Water Quality

Destination: AWWA WQTC Seattle, WA

Is this training needed to meet professional licensing requirements? no

Description of training or business, and reasons and benefits of attendance: Fresh insight on PFAS & microplastics, advanced techniques to microbial detection in the distribution system, advances in treatment, lead, copper and corrosion cont. water quality monitoring, bench and pilot scale testing, emerging contaminants, DBP's, Cyanobacteria, waterborne pathogens

Dates of Travel

From: 11/9/2025 To: 11/13/2025 Total number of business days: 4

Estimated Cost

Transportation \$ 550 air + \$200 Hotel Accommodations \$ 1083 Meals \$ 500
Uber airport+\$80 Buffalo airport parking

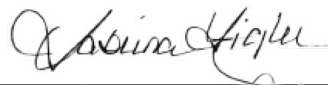
TOTAL ESTIMATED COST \$ 3173 W/ REGISTRATION FEE \$ 760 conference

Balance in the training budget prior to this trip \$ 10,631

Unit Number 1030 Primary Number 401000 G/L Number 640212 - \$6920
640237 -\$3711

Comments (i.e. spouse traveling, preferences): _____

Approvals

Department Head  Date 8/4/2025

Chief Operating Officer  Date 08/11/2025

Secretary  Date 08/11/2025