



ERIE COUNTY WATER AUTHORITY

INTEROFFICE MEMORANDUM

September 9, 2021

TO: Jerome D. Schad, Chair
Peggy A. LaGree, Vice Chair
Michele M. Iannello, Treasurer

FROM: Sabrina A. Figler, Director of Water Quality

SUBJECT: Request Katie Wischerath, Environmental Chemistry Technician, travel to
AWWA WQTC, Tacoma, Washington

The AWWA WQTC, is to be held Tacoma, Washington, November 7 – 10, 2021. I am respectfully requesting the Board of Commissioners approve the travel for Katie Wischerath for November 6 - 10, 2021.

I have been approved for travel to the WQTC. The conference's technical session was recently released. There are several concurrent sessions on topics very pertinent to the Water Quality Department. These topics include microbial contamination, *Legionella*, disinfection-by-products, corrosion control and water aesthetics. Two people are needed to cover sessions. The schedule with the technical sessions we plan to attend are highlighted and attached to the travel and training requests submitted for the September 16 Board Meeting.

The Authority's 2021 O&M Budget includes funds for the travel under Unit 1030 Water Quality Assurance, Item No. 12 Travel. Thank you for your consideration.

Sincerely,

Sabrina Figler

Sabrina A. Figler

Cc: Russel Stoll, COO
Terrence McCracken, Secretary to the Authority

ERIE COUNTY WATER AUTHORITY
AUTHORIZATION FORM
For Approval/Execution of Documents
(check which apply)

Contract: _____ **Project No.:** _____
Project Description: AWWA WQTC TRAVEL FOR KATIE WISCHERATH, ENV.CHEMIST
WATER QUALITY

Item Description:

- | | | | |
|---|--|---|---------------------------------------|
| <input type="checkbox"/> Agreement | <input type="checkbox"/> Professional Service Contract | <input type="checkbox"/> Amendment | <input type="checkbox"/> Change Order |
| <input type="checkbox"/> BCD | <input type="checkbox"/> NYSDOT Agreement | <input type="checkbox"/> Contract Documents | <input type="checkbox"/> Addendum |
| <input type="checkbox"/> Recommendation for Award of Contract | <input type="checkbox"/> Recommendation to Reject Bids | | |
| <input type="checkbox"/> Request for Proposals | | | |
| <input checked="" type="checkbox"/> Other <u>TRAVEL</u> | | | |

Action Requested:

- | | |
|---|--|
| <input type="checkbox"/> Board Authorization to Execute | <input type="checkbox"/> Legal Approval |
| <input type="checkbox"/> Board Authorization to Award | <input type="checkbox"/> Execution by the Chairman |
| <input type="checkbox"/> Board Authorization to Advertise for Bids | <input type="checkbox"/> Execution by the Secretary to the Authority |
| <input type="checkbox"/> Board Authorization to Solicit Request for Proposals | |
| <input checked="" type="checkbox"/> Other <u>APPROVE</u> | |

Approvals Needed:

APPROVED AS TO CONTENT:

- | | | |
|---|--------------------------------|------------------------|
| <input type="checkbox"/> Other (if Applicable) | _____ | Date: _____ |
| <input checked="" type="checkbox"/> Chief Operating Officer | <u><i>Russell J. Stoll</i></u> | Date: <u>8/26/2021</u> |
| <input type="checkbox"/> Executive Engineer | _____ | Date: _____ |
| <input type="checkbox"/> Director of Administration | _____ | Date: _____ |
| <input type="checkbox"/> Risk Manager | _____ | Date: _____ |
| <input type="checkbox"/> Chief Financial Officer | _____ | Date: _____ |
| <input type="checkbox"/> Legal | _____ | Date: _____ |

APPROVED FOR BOARD RESOLUTION:

- | | | |
|--|-------------------|-----------------------|
| <input checked="" type="checkbox"/> Secretary to the Authority | <u><i>TEG</i></u> | Date: <u>09/08/21</u> |
|--|-------------------|-----------------------|

Remarks: Request to send Katie to AWWA WQTC to cover concurrent chemistry tech sessions

P:\RFP\202000011\16 Correspondence\2019-12-02 Authorization Form Solicit RFP.docx

Resolution Date:

Item No:

TRAVEL REQUEST

Name: Katherine Wischerath

Today's Date: August 25, 2021

Job Title: Laboratory Technician – Environmental Chemistry

Department: Water Quality

Destination: Tacoma, Washington

Reason for Travel: **Training** Authority Business

Is this training needed to meet professional licensing requirements? **No** Yes

Description of training or business, and reasons and benefits of attendance:

Conference provides a practical forum for a wide range of water technology professionals to exchange the latest research and information.

Dates of Travel

From: Day (M T W Th F S **S**) Date: To: Day (M T **W** Th F S S) Date:

Total number of business days: 3

Estimated Cost:

Transportation can be obtained from Trish Fabozzi in Legal @ x8456

Transportation: \$550 Hotel Accommodations: \$795 Meals: \$300

Registration: See training request

TOTAL ESTIMATED COST WITH REGISTRATION FEE:

Balance in the travel budget prior to trip: \$6750

Unit: 1030 Primary: 401000 G/L Number: 640210 TOTAL TRAVEL: \$1645

Approvals:

Department Head:  Date: 8/26/21

Executive Director:  Date: 8/26/2021

Secretary:  Date: _____

Date of Resolution: _____ Item No: _____

TRAINING REQUEST

Name: Katherine Wischerath

Today's Date: August 25, 2021

Job Title: Laboratory Technician – Environmental Chemistry

Department: Water Quality

Dates of Training

From: Day (M T W Th F S **S**) **Date:** November 7, 2021 **To:** Day (M T **W** Th F S S) **Date:** November 10, 2021

Total number of business days: 3

Location of Training: Tacoma, Washington

Training Information:

Title of Course: AWWA WQTC

Description: Conference provides a practical forum for a wide range of water technology professionals to exchange the latest research and information.

Is the course needed to meet continuing education requirements: NO

Are there more than 2 people attending the seminar? YES

Are there concurrent sessions?: YES

Why is there a need for more than two people to attend? There are concurrent microbiology and chemistry sessions or concurrent chemistries

Estimated Cost:

Registration fee: \$675

Mileage and Tolls: See Travel Request

TOTAL ESTIMATED COST:

Balance in the travel budget prior to trip: \$9975

Unit #: 1030 **Primary #:** 401000 **G/L Number:** 640237


Approvals:

Department Head: 

Date: 8-26-21

Executive Director: 

Date: 8/26/2021

Secretary: 

Date: _____

◀ BACK TO THE 2021 WATER QUALITY TECHNOLOGY CONFERENCE PROGRAM



SCHEDULE

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.

Filter By Event Type

Filter By Day

Filter By Track

Filter By Speaker

Monday, November 8, 2021

OGS - OPENING GENERAL SESSION

Event Type: Professional Program
Track:
Moderator(s):

Day: Monday, November 8, 2021
Time: 08:30 AM - 09:30 AM PST

SESSION DETAILS ▶
OVERVIEW ▶

PST01 - MONDAY POSTER SESSION - MORNING

Event Type: Professional Program
Track: Poster Session
Moderator(s):

Day: Monday, November 8, 2021
Time: 09:45 AM - 10:45 AM PST

SESSION DETAILS ▶
OVERVIEW ▶

MON01 - UTILITY PROJECTS AND DECISION SUPPORT TOOLS

Event Type: Professional Program
Track: Chemicals of Emerging Concern
Moderator(s): Laura Meteer

Day: Monday, November 8, 2021
Time: 10:15 AM - 03:15 PM PST

SESSION DETAILS ►
OVERVIEW ►

MON02 - PATHOGENS, MICROBIAL SURROGATES, AND POTABLE REUSE

Event Type: Professional Program
Track: Microbiology
Moderator(s): Yone Akagi

Day: Monday, November 8, 2021
Time: 10:15 AM - 11:45 AM PST

SESSION DETAILS ►
OVERVIEW ►

MON03 - DISINFECTION BY-PRODUCTS

Event Type: Professional Program
Track: Distribution Systems
Moderator(s): Kimberly Ervin

Day: Monday, November 8, 2021
Time: 10:15 AM - 11:45 AM PST

SESSION DETAILS ►
OVERVIEW ►

MON04 - FINISHED WATER AESTHETICS

Event Type: Professional Program
Track: Water Quality and Monitoring
Moderator(s): Zaid Chowdhury

Day: Monday, November 8, 2021
Time: 10:15 AM - 11:45 AM PST

SESSION DETAILS ►
OVERVIEW ►

STS01 - THE WATER RESEARCH FOUNDATION'S LATEST BIOFILTRATION RESEARCH UPDATE

Event Type: Professional Program
Track: Advanced Treatment
Moderator(s): Grace Jang

Day: Monday, November 8, 2021
Time: 10:15 AM - 11:45 AM PST

SESSION DETAILS ►
OVERVIEW ►

MON05 - BIOFILTRATION: FROM RESEARCH TO APPLICATION

Event Type: Professional Program
Track: Advanced Treatment
Moderator(s): Ashley Evans

Day: Monday, November 8, 2021
Time: 01:15 PM - 03:15 PM PST

SESSION DETAILS ►
OVERVIEW ►

MON06 - PATHOGEN RISK AND TREATMENT

Event Type: Professional Program

Day: Monday, November 8, 2021

SESSION DETAILS ►

Track: Microbiology
Moderator(s): Yone Akagi

Time: 01:15 PM - 03:15 PM PST

OVERVIEW ►

MON07 - DISINFECTANT RESIDUAL: MAINTENANCE AND DEMAND

Event Type: Professional Program
Track: Distribution Systems
Moderator(s): Kira Smith

Day: Monday, November 8, 2021
Time: 01:15 PM - 03:15 PM PST

SESSION DETAILS ►
OVERVIEW ►

STS02 - WILDFIRES, IMPACTS TO DRINKING WATER, AND UTILITY RESPONSE

Event Type: Professional Program
Track: Water Quality and Monitoring
Moderator(s): Craig Harper

Day: Monday, November 8, 2021
Time: 01:15 PM - 02:35 PM PST

SESSION DETAILS ►
OVERVIEW ►

PST02 - MONDAY POSTER SESSION - AFTERNOON

Event Type: Professional Program
Track: Poster Session
Moderator(s):

Day: Monday, November 8, 2021
Time: 03:15 PM - 04:15 PM PST

SESSION DETAILS ►
OVERVIEW ►

AEESP - AEESP EMERGING INVESTIGATOR LECTURE

Event Type: Professional Program
Track:
Moderator(s):

Day: Monday, November 8, 2021
Time: 04:00 PM - 05:00 PM PST

SESSION DETAILS ►
OVERVIEW ►

Tuesday, November 9, 2021

TUEEB - TUESDAY EARLY BIRD SESSION

Event Type: Professional Program
Track:
Moderator(s):

Day: Tuesday, November 9, 2021
Time: 07:15 AM - 08:00 AM PST

SESSION DETAILS ►
OVERVIEW ►

TUE01 - PFAS ANALYTICS AND OCCURRENCE

Event Type: Professional Program
Track: Chemicals of Emerging Concern
Moderator(s): Allison Spinelli

Day: Tuesday, November 9,
2021
Time: 08:15 AM - 12:00 PM PST

[SESSION DETAILS ►](#)
[OVERVIEW ►](#)

TUE02 - MEMBRANES: BENCH TESTING, PILOTING, PRE-TREATMENT, AND MORE!

Event Type: Professional Program
Track: Advanced Treatment
Moderator(s): Chandra Mysore

Day: Tuesday, November 9,
2021
Time: 08:15 AM - 12:00 PM PST

[SESSION DETAILS ►](#)
[OVERVIEW ►](#)

TUE03 - LEGIONELLA RISK AND CONTROL

Event Type: Professional Program
Track: Microbiology
Moderator(s): Josh Weiss

Day: Tuesday, November 9,
2021
Time: 08:15 AM - 09:45 AM PST

[SESSION DETAILS ►](#)
[OVERVIEW ►](#)

TUE04 - ORTHOPHOSPHATE APPLICATIONS FOR CORROSION CONTROL OF LEAD AND COPPER

Event Type: Professional Program
Track: Distribution Systems
Moderator(s): Philip Brandhuber

Day: Tuesday, November 9,
2021
Time: 08:15 AM - 09:45 AM PST

[SESSION DETAILS ►](#)
[OVERVIEW ►](#)

TUE05 - MONITORING TECHNOLOGIES FOR DISTRIBUTION SYSTEM WATER QUALITY

Event Type: Professional Program
Track: Distribution Systems
Moderator(s): Meg Roberts

Day: Tuesday, November 9,
2021
Time: 08:15 AM - 09:45 AM PST

[SESSION DETAILS ►](#)
[OVERVIEW ►](#)

PST03 - TUESDAY POSTER SESSION

Event Type: Professional Program

Day: Tuesday, November 9,
2021

[SESSION DETAILS ►](#)

Track: Poster Session**Time:** 10:00 AM - 11:00 AM PST

OVERVIEW ►

Moderator(s):

TUE06 - LEGIONELLA MANAGEMENT IN BUILDINGS

Event Type: Professional Program**Day:** Tuesday, November 9,
2021

SESSION DETAILS ►

Track: Microbiology**Time:** 10:30 AM - 12:00 PM PST

OVERVIEW ►

Moderator(s): Simoni Triantafyllidou

TUE07 - MAKING INFORMED DECISIONS THROUGH CORROSION CONTROL STUDIES

Event Type: Professional Program**Day:** Tuesday, November 9,
2021

SESSION DETAILS ►

Track: Distribution Systems**Time:** 10:30 AM - 12:00 PM PST

OVERVIEW ►

Moderator(s): Scott Alpert

TUE08 - INNOVATIVE APPROACHES FOR MAINTAINING DISTRIBUTION SYSTEM WATER QUALITY

Event Type: Professional Program**Day:** Tuesday, November 9,
2021

SESSION DETAILS ►

Track: Water Quality and Monitoring**Time:** 10:30 AM - 12:00 PM PST

OVERVIEW ►

Moderator(s): Brock Emerson

TUE09 - THE MICROPLASTICS FRONTIER

Event Type: Professional Program**Day:** Tuesday, November 9,
2021

SESSION DETAILS ►

Track: Chemicals of Emerging Concern**Time:** 01:30 PM - 05:00 PM PST

OVERVIEW ►

Moderator(s): Brent Alspach

TUE10 - REUSE: INNOVATIVE TREATMENT SCHEMES AND APPROACHES

Event Type: Professional Program**Day:** Tuesday, November 9,
2021

SESSION DETAILS ►

Track: Advanced Treatment**Time:** 01:30 PM - 05:00 PM PST

OVERVIEW ►

Moderator(s): Brad Schmidt

TUE11 - DETECTION METHODS FOR LEGIONELLA

Event Type: Professional Program

Day: Tuesday, November 9, 2021

[SESSION DETAILS ►](#)

Track: Microbiology

Time: 01:30 PM - 03:00 PM PST

[OVERVIEW ►](#)

Moderator(s): Helene Baribeau

TUE12 - PREVENTION, FORMATION, AND TREATMENT OF NITROGENOUS DISINFECTION BYPRODUCTS

Event Type: Professional Program

Day: Tuesday, November 9, 2021

[SESSION DETAILS ►](#)

Track: Distribution Systems

Time: 01:30 PM - 03:00 PM PST

[OVERVIEW ►](#)

Moderator(s): Paul Swaim

TUE13 - RISK ASSESSMENT AND PUBLIC HEALTH

Event Type: Professional Program

Day: Tuesday, November 9, 2021

[SESSION DETAILS ►](#)

Track: Water Quality and Monitoring

Time: 01:30 PM - 03:00 PM PST

[OVERVIEW ►](#)

Moderator(s): Alice Fulmer

TUE14 - TREATMENT OF LEGIONELLA AND OTHER OPPORTUNISTIC PATHOGENS

Event Type: Professional Program

Day: Tuesday, November 9, 2021

[SESSION DETAILS ►](#)

Track: Microbiology

Time: 03:30 PM - 05:00 PM PST

[OVERVIEW ►](#)

Moderator(s): Alex Mofidi

TUE15 - LEAD AND COPPER SAMPLING AND REDUCTION APPROACHES

Event Type: Professional Program

Day: Tuesday, November 9, 2021

[SESSION DETAILS ►](#)

Track: Distribution Systems

Time: 03:30 PM - 05:00 PM PST

[OVERVIEW ►](#)

Moderator(s): Kimberly Gupta

TUE16 - SOURCE WATER MONITORING AND ASSESSMENT

| | | |
|--|---------------------------------------|-----------------------------------|
| Event Type: Professional Program | Day: Tuesday, November 9, 2021 | SESSION DETAILS ► |
| Track: Water Quality and Monitoring | Time: 03:30 PM - 05:00 PM PST | OVERVIEW ► |
| Moderator(s): Nancy Toth | | |

Wednesday, November 10, 2021

WEDEB- WEDNESDAY EARLY BIRD SESSION

| | | |
|---|--|-----------------------------------|
| Event Type: Professional Program | Day: Wednesday, November 10, 2021 | SESSION DETAILS ► |
| Track: | Time: 07:15 AM - 08:15 AM PST | OVERVIEW ► |
| Moderator(s): | | |

WED01 - ADVANCED TREATMENT FOR PFAS

| | | |
|---|--|-----------------------------------|
| Event Type: Professional Program | Day: Wednesday, November 10, 2021 | SESSION DETAILS ► |
| Track: Chemicals of Emerging Concern | Time: 08:30 AM - 12:00 PM PST | OVERVIEW ► |
| Moderator(s): Thomas Speth | | |

WED02 - UV AND ADVANCED OXIDATION: POWERFUL TOOLS WITH MANY APPLICATIONS

| | | |
|---|--|-----------------------------------|
| Event Type: Professional Program | Day: Wednesday, November 10, 2021 | SESSION DETAILS ► |
| Track: Advanced Treatment | Time: 08:30 AM - 12:00 PM PST | OVERVIEW ► |
| Moderator(s): Christine Owen | | |

WED03 - MONITORING, ANALYSIS, AND TREATMENT OF CYANOBACTERIA

| | | |
|---|--|-----------------------------------|
| Event Type: Professional Program | Day: Wednesday, November 10, 2021 | SESSION DETAILS ► |
| Track: Microbiology | Time: 08:30 AM - 10:00 AM PST | OVERVIEW ► |
| Moderator(s): Dan Malz | | |

WED04 - WATER USAGE AND TRANSMISSION AND DISTRIBUTION SYSTEM WATER QUALITY

Event Type: Professional Program

Day: Wednesday, November 10, 2021

[SESSION DETAILS ►](#)

Track: Distribution Systems

Time: 08:30 AM - 09:00 AM PST

[OVERVIEW ►](#)

Moderator(s): Keisuke Ikehata

WED05 - PROCESS OPTIMIZATION AND DATA MANAGEMENT

Event Type: Professional Program

Day: Wednesday, November 10, 2021

[SESSION DETAILS ►](#)

Track: Water Quality and Monitoring

Time: 08:30 AM - 10:00 AM PST

[OVERVIEW ►](#)

Moderator(s): Luke Wang

WED06 - MANAGEMENT OF CYANOBACTERIA, CYANOTOXINS, AND TASTE AND ODOR COMPOUNDS

Event Type: Professional Program

Day: Wednesday, November 10, 2021

[SESSION DETAILS ►](#)

Track: Microbiology

Time: 10:30 AM - 11:00 AM PST

[OVERVIEW ►](#)

Moderator(s): Bina Nayak

WED07 - PREMISE PLUMBING INVESTIGATIONS FOR LEAD

Event Type: Professional Program

Day: Wednesday, November 10, 2021

[SESSION DETAILS ►](#)

Track: Distribution Systems

Time: 10:30 AM - 12:00 PM PST

[OVERVIEW ►](#)

Moderator(s): Darren Lytle

WED08 - FILTER DESIGN AND OPERATION

Event Type: Professional Program

Day: Wednesday, November 10, 2021

[SESSION DETAILS ►](#)

Track: Water Quality and Monitoring

Time: 10:30 AM - 12:00 PM PST

[OVERVIEW ►](#)

Moderator(s): Enoch Nicholson

WED09 - RSSCTS AND MODELING

| | | |
|--|--|-----------------------------------|
| Event Type: Professional Program | Day: Wednesday, November 10, 2021 | SESSION DETAILS ► |
| Track: Chemicals of Emerging Concern | Time: 01:30 PM - 05:00 PM PST | OVERVIEW ► |
| Moderator(s): Fernando L. Rosario-Ortiz | | |

WED10 - UNIQUE SOLUTIONS TO WATER QUALITY CHALLENGES

| | | |
|---|--|-----------------------------------|
| Event Type: Professional Program | Day: Wednesday, November 10, 2021 | SESSION DETAILS ► |
| Track: Advanced Treatment | Time: 01:30 PM - 05:00 PM PST | OVERVIEW ► |
| Moderator(s): Jessica Edwards-Brandt | | |

WED11 - MICROBES IN DISTRIBUTION SYSTEMS

| | | |
|---|--|-----------------------------------|
| Event Type: Professional Program | Day: Wednesday, November 10, 2021 | SESSION DETAILS ► |
| Track: Microbiology | Time: 01:30 PM - 03:00 PM PST | OVERVIEW ► |
| Moderator(s): George Di Giovanni | | |

WED12 - SOURCE WATER AND TREATMENT: THE IMPACT ON CORROSION

| | | |
|---|--|-----------------------------------|
| Event Type: Professional Program | Day: Wednesday, November 10, 2021 | SESSION DETAILS ► |
| Track: Distribution Systems | Time: 01:30 PM - 03:00 PM PST | OVERVIEW ► |
| Moderator(s): Josh Weiss | | |

WED13 - WATER TREATMENT AND OPERATIONS PLANNING

| | | |
|--|--|-----------------------------------|
| Event Type: Professional Program | Day: Wednesday, November 10, 2021 | SESSION DETAILS ► |
| Track: Water Quality and Monitoring | Time: 01:30 PM - 03:00 PM PST | OVERVIEW ► |
| Moderator(s): David Mazyck | | |

WED14 - BIOFILM FORMATION AND DEGRADATION OF CHEMICAL COMPOUNDS

| | | |
|---|--|-----------------------------------|
| Event Type: Professional Program | Day: Wednesday, November 10, 2021 | SESSION DETAILS ► |
| Track: Chemicals of Emerging Concern | Time: 03:30 PM - 05:00 PM PST | OVERVIEW ► |
| Moderator(s): David Hanigan | | |

WED15 - DBPS: FORMATION, REDUCTION AND OTHER CONSIDERATIONS

| | | |
|---|--|-----------------------------------|
| Event Type: Professional Program | Day: Wednesday, November 10, 2021 | SESSION DETAILS ► |
| Track: Distribution Systems | Time: 03:30 PM - 05:00 PM PST | OVERVIEW ► |
| Moderator(s): Susan Teefy | | |

WED16 - WATER SYSTEM RESPONSE TO CHANGE

| | | |
|--|--|-----------------------------------|
| Event Type: Professional Program | Day: Wednesday, November 10, 2021 | SESSION DETAILS ► |
| Track: Water Quality and Monitoring | Time: 03:30 PM - 05:00 PM PST | OVERVIEW ► |
| Moderator(s): Nicole Blute | | |