



# ERIE COUNTY WATER AUTHORITY

## INTEROFFICE MEMORANDUM

March 13, 2023

TO: Terrance McCracken, Secretary to the Authority

FROM: Sabrina A. Figler, Director of Water Quality

SUBJECT: Request for Gabriella Holevinski, Analytical Chemist, to  
Travel to AWWA ACE

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The AWWA ACE is scheduled for June 11 - 14, 2023 in Toronto, Ontario, CA. The AWWA ACE offers sessions in Water Quality Modeling, the LCRR, Cyanobacteria, the UCMR5, and PFAS, and DBP research. The Professional Program is attached.

Thank you for your consideration.

Sincerely,

A handwritten signature in blue ink, appearing to read "Sabrina A. Figler".

Sabrina A. Figler

BUDGET INFORMATION: BUDGET YEAR 2023

Water Quality Unit 1030

GL #: 401000 640212

Remaining Balance: \$8946.00

cc: Russel Stoll, Executive Director

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

**Contract:**

**Project No.:**

**Project Description:**

TRAVEL FOR GABRIELLA HOLEVINSKI, ANALYICAL CHEMIST TO  
AWWA ACE CONFERENCE TORONTO, CA JUNE 2023

**Item Description:**

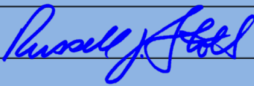
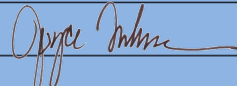
- |   |  |   |                                       |
|---|--|---|---------------------------------------|
| <input type="checkbox"/> Agreement                                  | <input type="checkbox"/> Professional Service Contract | <input type="checkbox"/> Amendment          | <input type="checkbox"/> 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>REQUEST FOR 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>BOARD APPROVAL</u>               |  |

**Approvals Needed:**

**APPROVED AS TO CONTENT:**

- |   |   |                         |
|---|---|-------------------------|
| <input type="checkbox"/> Other (if Applicable)              | _____   | Date: _____             |
| <input checked="" type="checkbox"/> Chief Operating Officer |  | Date: <u>3/14/2023</u>  |
| <input type="checkbox"/> Executive Engineer                 | _____   | Date: _____             |
| <input type="checkbox"/> Director of Administration         | _____   | Date: _____             |
| <input type="checkbox"/> Risk Manager                       | _____   | Date: _____             |
| <input checked="" type="checkbox"/> Chief Financial Officer |  | Date: <u>03/13/2023</u> |
| <input type="checkbox"/> Legal                              | _____   | Date: _____             |

**APPROVED FOR BOARD RESOLUTION:**

- |  |   |                      |
|--|---|----------------------|
| <input checked="" type="checkbox"/> Secretary to the Authority |  | Date: <u>3/14/23</u> |
|--|---|----------------------|

**Remarks:** \_\_\_\_\_  
\_\_\_\_\_

**Resolution Date:** \_\_\_\_\_

**Item No:** \_\_\_\_\_

## TRAVEL REQUEST

Name Gabriella Hodevinski

Today's Date 3/6/23

Title Analytical Chemist

Department Water Quality

Destination(s) Aauwa Are 2023 Toronto, Canada

**Reason for Travel / (check one):** Training ☒ Authority Business ☐

Is this training needed to meet professional licensing requirements? NO

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

Learn more about guidelines and regulations for testing chemicals in the water. Ex: Disinfectant By-Products, PFAS/PFOA, UCMRS, Lead & Copper Rule, Cyanotoxins & Algal Blooms

### Dates of Travel

From: Day (M T W T F S S), Date 6/11/23 To: Day (M T W T F S S), Date 6/14/23 Total

number of business days 3

### Estimated Cost

Transportation \$ 291 Hotel Accommodations \$ 1,410.50 Meals \$ 240  
(Over to Conference = about 152 Travel & Tolls 139) (Hotel 1170.50 parking 60 per day = 240)

**TOTAL ESTIMATED COST \$1,941.50 W/ REGISTRATION FEE \$2,866.50**

Balance in the travel budget prior to this trip \$8946.00 G/L Number: 640212  
Unit # 1030 Primary # 401000

**Comments** (i.e. spouse traveling, preferences): \_\_\_\_\_

### Approvals:

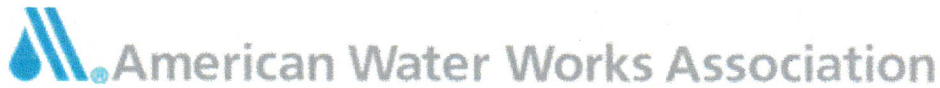
Department Head Vabine Fidler Date 3-9-23

Executive Director Russell Fidler Date 3/10/2023

Secretary TCE Date 3-10-23

Date of Resolution \_\_\_\_\_ Item No. \_\_\_\_\_

# ◀ BACK TO THE 2023 ANNUAL CONFERENCE AND EXPOSITION (ACE23) 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.

## Sunday, June 11, 2023

### PCW01: USING DIGITAL TWINS TO OPTIMIZE UTILITY PLANNING, MANAGEMENT, AND OPERATION

**Event Type:** Pre-Conference Workshop **Day:** Sunday, June 11, 2023

**Track:** Pre-Conference Workshop **Time:** 09:00 AM - 04:00 PM EST

**Moderator(s):**

**SESSION DETAILS ▶**

**OVERVIEW ▶**



## PCW02: WADING INTO WATER QUALITY MODELING: TACKLING DISTRIBUTION SYSTEM CHALLENGES

**Event Type:** Pre-Conference Workshop **Day:** Sunday, June 11, 2023  
**Track:** Pre-Conference Workshop **Time:** 09:00 AM - 04:00 PM  
**Moderator(s):** EST

[SESSION DETAILS ▶](#)

[OVERVIEW ▶](#)

## PCW03: THE GAMIFICATION OF ASSET MANAGEMENT: TRAINING CAMP

**Event Type:** Pre-Conference Workshop **Day:** Sunday, June 11, 2023  
**Track:** Pre-Conference Workshop **Time:** 09:00 AM - 04:00 PM  
**Moderator(s):** EST

[SESSION DETAILS ▶](#)

[OVERVIEW ▶](#)

## PCW04: HOW TO BUDGET FOR PROACTIVE ASSESSMENT OF WATER MAINS THAT DELIVERS A HIGH ROI

**Event Type:** Pre-Conference Workshop **Day:** Sunday, June 11, 2023  
**Track:** Pre-Conference Workshop **Time:** 09:00 AM - 04:00 PM  
**Moderator(s):** EST

[SESSION DETAILS ▶](#)

[OVERVIEW ▶](#)

## PCW05: HOW TO EXTEND THE LIVES OF OLD WATER MAINS USING PROVEN, COST-EFFECTIVE METHODS

**Event Type:** Pre-Conference Workshop **Day:** Sunday, June 11, 2023  
**Track:** Pre-Conference Workshop **Time:** 09:00 AM - 04:00 PM  
**Moderator(s):** EST

[SESSION DETAILS ▶](#)

[OVERVIEW ▶](#)

## PCW06: OPTIMIZING FILTER PERFORMANCE – SURVEILLANCE, DATA ANALYSIS AND MAINTENANCE

**Event Type:** Pre-Conference Workshop **Day:** Sunday, June 11, 2023  
**Track:** Pre-Conference Workshop **Time:** 09:00 AM - 04:00 PM  
**Moderator(s):** EST

**SESSION DETAILS** ►  
**OVERVIEW** ►

## PCW07: ACHIEVING VALUE FROM AN ASSET MANAGEMENT PROGRAM

**Event Type:** Pre-Conference Workshop **Day:** Sunday, June 11, 2023  
**Track:** Pre-Conference Workshop **Time:** 09:00 AM - 12:00 PM  
**Moderator(s):** EST

**SESSION DETAILS** ►  
**OVERVIEW** ►

## CRT1 - INTRODUCTION TO WATER AND SEWER OPERATING ENVIRONMENTS

**Event Type:** **Day:** Sunday, June 11, 2023  
**Track:** **Time:** 01:00 PM - 05:00 PM  
**Moderator(s):** EST

**SESSION DETAILS** ►  
**OVERVIEW** ►

## PCW08: TAKE THE LEAD ON LEAD COMMUNICATIONS: PUTTING INTO PRACTICE THE LEAD COMMUNICATION GUIDE

**Event Type:** Pre-Conference Workshop **Day:** Sunday, June 11, 2023  
**Track:** Pre-Conference Workshop **Time:** 01:00 PM - 05:00 PM  
**Moderator(s):** EST

**SESSION DETAILS** ►  
**OVERVIEW** ►

## Monday, June 12, 2023

### OPENING GENERAL SESSION

**Event Type:** Professional Program **Day:** Monday, June 12, 2023

**SESSION DETAILS** ►

**Track:** Virtual Track  
**Keynote**  
**Moderator(s):**

**Time:** 08:30 AM - 10:00 AM  
EST

**OVERVIEW ►**

## AEESP - ASSOCIATION OF ENVIRONMENTAL ENGINEERING & SCIENCE PROFESSORS

**Event Type:** Professional Program

**Day:** Monday, June 12, 2023

**SESSION DETAILS ►**

**Track:** Virtual Track

**Time:** 11:30 AM - 12:15 PM  
EST

**OVERVIEW ►**

**Moderator(s):**

## CRT2 - WATER AND SEWER INFRASTRUCTURE OPERATIONS, AND MAINTENANCE

**Event Type:**

**Day:** Monday, June 12, 2023

**SESSION DETAILS ►**

**Track:**

**Time:** 01:00 PM - 05:00 PM  
EST

**OVERVIEW ►**

**Moderator(s):**

## FIRESIDE ADDRESS

**Event Type:** Professional Program

**Day:** Monday, June 12, 2023

**SESSION DETAILS ►**

**Track:** Virtual Track

**Time:** 01:00 PM - 02:00 PM

**OVERVIEW ►**

**Keynote**

EST

**Moderator(s):**

## MONDAY KEYNOTE

**Event Type:** Professional Program

**Day:** Monday, June 12, 2023

**SESSION DETAILS ►**

**Track:** Virtual Track

**Time:** 01:00 PM - 02:00 PM

**OVERVIEW ►**

**Keynote**

EST

**Moderator(s):**

## IC SESSION



**Event Type:** Professional Program

**Day:** Monday, June 12, 2023

**SESSION DETAILS** ►

**Track:** International Perspectives

**Time:** 01:30 PM - 04:30 PM  
EST

**OVERVIEW** ►

**Moderator(s):**

## MON01 - NEW UNDERSTANDING OF ESTABLISHED TREATMENT TECHNOLOGIES

**Event Type:** Professional Program

**Day:** Monday, June 12, 2023

**SESSION DETAILS** ►

**Track:** Advances in Water Treatment

**Time:** 02:00 PM - 05:00 PM  
EST

**OVERVIEW** ►

**Moderator(s):** Pooja Chari

## MON02 - TODAY'S COMPUTERIZED MAINTENANCE MANAGEMENT SYSTEMS – ADOPTION, IMPLEMENTATION AND MAINTENANCE FOR SUCCESSFUL ASSET MANAGEMENT (STS)

**Event Type:** Professional Program

**Day:** Monday, June 12, 2023

**SESSION DETAILS** ►

**Track:** Asset Management

**Time:** 02:00 PM - 03:30 PM  
EST

**OVERVIEW** ►

**Moderator(s):** Felicia James

## MON04 - EFFECTIVE WATER LOSS MANAGEMENT

**Event Type:** Professional Program

**Day:** Monday, June 12, 2023

**SESSION DETAILS** ►

**Track:** Distribution and Plant Operations  
& Management

**Time:** 02:00 PM - 05:00 PM  
EST

**OVERVIEW** ►

**Moderator(s):** John Eisnor

## MON05A - DEVELOPING CLIMATE ACTION PLANS & ADAPTIVE MANAGEMENT STRATEGIES FOR UTILITIES - PART 1 (STS)

**Event Type:** Professional Program

**Day:** Monday, June 12, 2023

**SESSION DETAILS** ►

**Track:** Virtual Track

**Time:** 02:00 PM - 03:50 PM

**OVERVIEW** ►

**Moderator(s):** Rachel Duncan

## MON06 - INNOVATION IN PRACTICE: TAKING DE&I TO THE NEXT LEVEL

**Event Type:** Professional Program**Day:** Monday, June 12, 2023

SESSION DETAILS ►

**Track:** Innovation**Time:** 02:00 PM - 05:00 PM

OVERVIEW ►

EST

**Moderator(s):** Alexandra Wells

## MON07 - MANAGING EFFECTIVE WATER CONSERVATION PROGRAMS

**Event Type:** Professional Program**Day:** Monday, June 12, 2023

SESSION DETAILS ►

**Track:** Climate Resilience**Time:** 02:00 PM - 05:00 PM

OVERVIEW ►

Water Conservation

EST

**Moderator(s):** Veronica Blette

## MON08 - PLANNING AND DESIGNING OF RESILIENT DISTRIBUTION SYSTEMS

**Event Type:** Professional Program**Day:** Monday, June 12, 2023

SESSION DETAILS ►

**Track:** Capital Improvement Projects:**Time:** 02:00 PM - 05:00 PM

OVERVIEW ►

Planning, Design and Delivery

EST

**Moderator(s):** James Cooper

## MON09 - LEAD RESEARCH ISSUES

**Event Type:** Professional Program**Day:** Monday, June 12, 2023

SESSION DETAILS ►

**Track:** Managing Lead in Water**Time:** 02:00 PM - 03:30 PM

OVERVIEW ►

EST

**Moderator(s):** Alice Fulmer



## MON10 - PFAS – BEYOND TREATMENT

**Event Type:** Professional Program  
**Track:** Modern Approaches to Water Quality  
**Moderator(s):** Kenan Ozekin

**Day:** Monday, June 12, 2023  
**Time:** 02:00 PM - 05:00 PM EST

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

## MON11 - INNOVATIVE SOLUTIONS FOR SMALL SYSTEMS

**Event Type:** Professional Program  
**Track:** Small Systems Management and Operations  
**Moderator(s):** Irfan Gehlen

**Day:** Monday, June 12, 2023  
**Time:** 02:00 PM - 05:00 PM EST

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

## MON12A - THE ROLE AND APPLICATIONS OF DISTRIBUTION SYSTEM MODELS - PART 1

**Event Type:** Professional Program  
**Track:** Virtual Track  
Intelligent Water Solutions  
**Moderator(s):** Melissa Brunger

**Day:** Monday, June 12, 2023  
**Time:** 02:00 PM - 03:25 PM EST

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

## MON13 - TBD SPONSOR HIGHLIGHT SESSIONS

**Event Type:** Professional Program  
**Track:** Strengthening Public Trust  
**Moderator(s):**

**Day:** Monday, June 12, 2023  
**Time:** 02:00 PM - 05:00 PM EST

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

## MON14 - WATER POLICY DRIVERS IN CANADA AND THE U.S.

**Event Type:** Professional Program  
**Track:** Virtual Track  
Water Policy and Regulations

**Day:** Monday, June 12, 2023  
**Time:** 02:00 PM - 03:30 PM EST

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

**Moderator(s):** Jeffrey O'Driscoll, Michele Grenier

**Moderator(s):** Andrew Henry, Jaimie Foreman

## MON18 - MONITORING FOR OPPORTUNISTIC PATHOGENS/ LEGIONELLA IN DRINKING WATER SESSION

**Event Type:** Professional Program

**Day:** Monday, June 12, 2023

**SESSION DETAILS** ►

**Track:** Water Quality Challenges

**Time:** 03:30 PM - 05:00 PM  
EST

**OVERVIEW** ►

**Moderator(s):** Helene Baribeau

## MON23 - CITY OF TORONTO ADVANCEMENTS--PART I

**Event Type:** Professional Program

**Day:** Monday, June 12, 2023

**SESSION DETAILS** ►

**Track:** International Perspectives

**Time:** 03:30 PM - 05:00 PM  
EST

**OVERVIEW** ►

**Moderator(s):** Richard Noehammer

## MON25 - HOW TO BUILD A LEAD SERVICE LINE REPLACEMENT PROGRAM FROM INVENTORY TO REPLACEMENT (STS)

**Event Type:** Professional Program

**Day:** Monday, June 12, 2023

**SESSION DETAILS** ►

**Track:** Managing Lead in Water

**Time:** 03:30 PM - 05:00 PM  
EST

**OVERVIEW** ►

**Moderator(s):** Jeannie Krueger

## MON12B - THE ROLE AND APPLICATIONS OF DISTRIBUTION SYSTEM MODELS - PART 2

**Event Type:** Professional Program

**Day:** Monday, June 12, 2023

**SESSION DETAILS** ►

**Track:** Virtual Track

**Time:** 03:40 PM - 05:00 PM

**OVERVIEW** ►

Intelligent Water Solutions

EST

**Moderator(s):** Melissa Brunger

**Event Type:** Professional Program

**Day:** Tuesday, June 13, 2023

**SESSION DETAILS** ►

**Track:** Distribution and Plant Operations & Management

**Time:** 08:30 AM - 11:30 AM  
EST

**OVERVIEW** ►

**Moderator(s):** Rabia Mady

## TUE04 - WATER SUPPLY ASSESSMENT AND STRATEGIES FOR A CHANGING CLIMATE

**Event Type:** Professional Program

**Day:** Tuesday, June 13, 2023

**SESSION DETAILS** ►

**Track:** Climate Resilience

**Time:** 08:30 AM - 11:30 AM  
EST

**OVERVIEW** ►

**Moderator(s):** Liesel Hans

## TUE05 - ADVANCEMENTS IN DESKTOP CONDITION AND RISK ASSESSMENT FOR WATER MAINS

**Event Type:** Professional Program

**Day:** Tuesday, June 13, 2023

**SESSION DETAILS** ►

**Track:** Condition Assessment

**Time:** 08:30 AM - 11:30 AM  
EST

**OVERVIEW** ►

**Moderator(s):** Celine Hyer

## TUE06 - SETTING UP WATER LOSS CONTROL PROGRAMS FOR SUCCESS

**Event Type:** Professional Program

**Day:** Tuesday, June 13, 2023

**SESSION DETAILS** ►

**Track:** Distribution and Plant Operations & Management  
Water Conservation

**Time:** 08:30 AM - 11:30 AM  
EST

**OVERVIEW** ►

**Moderator(s):** Brian Skeens

## TUE07A - MAINTAINING FLEXIBILITY IN PROJECT DELIVERY - PART 1

**Event Type:** Professional Program

**Day:** Tuesday, June 13, 2023

**SESSION DETAILS** ►

**Track:** Virtual Track



Capital Improvement Projects: Planning, **Time:** 08:30 AM - 09:55 AM  
Design and Delivery EST

OVERVIEW ►

**Moderator(s):** Renee Lanza

## TUE08 - REDUCING EXPOSURE TO LEAD FROM DRINKING WATER

**Event Type:** Professional Program

**Day:** Tuesday, June 13, 2023

SESSION DETAILS ►

**Track:** Managing Lead in Water

**Time:** 08:30 AM - 11:30 AM  
EST

OVERVIEW ►

**Moderator(s):** Darren Lytle

## TUE09 - WATER QUALITY 101: CONVENTIONAL SURFACE WATER TREATMENT

**Event Type:** Professional Program

**Day:** Tuesday, June 13, 2023

SESSION DETAILS ►

**Track:** Modern Approaches to Water  
Quality

**Time:** 08:30 AM - 11:30 AM  
EST

OVERVIEW ►

**Moderator(s):** Rebecca Venot

## TUE10 - HIGHLIGHTING EFFECTIVE PLANNING & MANAGEMENT FOR SMALL SYSTEMS

**Event Type:** Professional Program

**Day:** Tuesday, June 13, 2023

SESSION DETAILS ►

**Track:** Small Systems Management and  
Operations

**Time:** 08:30 AM - 11:30 AM  
EST

OVERVIEW ►

**Moderator(s):** Elston Johnson

## TUE11 - DIGITAL TWINS IMPLEMENTATIONS AND CASE STUDIES

**Event Type:** Professional Program

**Day:** Tuesday, June 13, 2023

SESSION DETAILS ►

**Track:** Intelligent Water Solutions

**Time:** 08:30 AM - 11:30 AM  
EST

OVERVIEW ►

**Moderator(s):** James Cooper

## TUE12 - WRF SESSION: LATEST RESEARCH ADVANCEMENTS RELATED TO COMPLIANCE WITH LCR, LCRR, AND LCRI

**Event Type:** Professional Program

**Day:** Tuesday, June 13, 2023

**SESSION DETAILS** ►

**Track:** Managing Lead in Water

**Time:** 08:30 AM - 11:30 AM  
EST

**OVERVIEW** ►

**Moderator(s):** Jian Zhang

## TUE13 - PREPARING THE GREAT LAKES ST. LAWRENCE REGION FOR WATER RISK DISCLOSURES

**Event Type:** Professional Program

**Day:** Tuesday, June 13, 2023

**SESSION DETAILS** ►

**Track:** Water Policy and Regulations

**Time:** 08:30 AM - 10:00 AM  
EST

**OVERVIEW** ►

**Moderator(s):** Dean Amhaus

## TUE15A - WATER REUSE AND ITS ROLE IN A CIRCULAR ECONOMY - PART 1

**Event Type:** Professional Program

**Day:** Tuesday, June 13, 2023

**SESSION DETAILS** ►

**Track:** Virtual Track

Water Resources Planning and  
Management

**Time:** 08:30 AM - 09:55 AM  
EST

**OVERVIEW** ►

**Moderator(s):** Pooja Chari

## TUE16 - CANADIAN WATER QUALITY SUCCESS STORIES

**Event Type:** Professional Program

**Day:** Tuesday, June 13, 2023

**SESSION DETAILS** ►

**Track:** Water Quality Challenges

**Time:** 08:30 AM - 10:00 AM  
EST

**OVERVIEW** ►

**Moderator(s):** Liza Ballantyne



## TUE18A - CYBERSECURITY AND OTHER RISKS IMPACTING TODAY'S UTILITIES

**Event Type:** Professional Program  
**Track:** Virtual Track  
Utility Management and Leadership  
**Moderator(s):** Tara Clayton

**Day:** Tuesday, June 13, 2023  
**Time:** 08:30 AM - 09:55 AM  
EST

**SESSION DETAILS** ►  
**OVERVIEW** ►

## TUE19 - PIPES TO PEOPLE: EMERGING ISSUES, TRENDS, AND BEST PRACTICES TO REDUCE WATERBORNE DISEASE (STS)

**Event Type:** Professional Program  
**Track:** Water Quality Challenges  
**Moderator(s):** Jasen Kunz

**Day:** Tuesday, June 13, 2023  
**Time:** 08:30 AM - 10:00 AM  
EST

**SESSION DETAILS** ►  
**OVERVIEW** ►

## TUE21A - WORKFORCE RECRUITMENT, DEVELOPMENT AND CULTURE - PART 1

**Event Type:** Professional Program  
**Track:** Virtual Track  
Work Culture in the Water Sector  
**Moderator(s):** Donna Mancuso

**Day:** Tuesday, June 13, 2023  
**Time:** 08:30 AM - 09:55 AM  
EST

**SESSION DETAILS** ►  
**OVERVIEW** ►

## TUE22 - K WATER SPONSORED SESSION (MORNING)

**Event Type:** Professional Program  
**Track:** Innovation  
International Perspectives  
**Moderator(s):** Rebecca Wheeler

**Day:** Tuesday, June 13, 2023  
**Time:** 08:30 AM - 11:30 AM  
EST

**SESSION DETAILS** ►  
**OVERVIEW** ►

## TUE23 - APPLICATIONS OF OPERATING TECHNOLOGY, OPERATOR CONCERNS, UTILITY RISK AND RESILIENCE

**Event Type:** Professional Program

**Day:** Tuesday, June 13, 2023

**SESSION DETAILS** ►

## RESILIENCY

**Event Type:** Professional Program

**Day:** Tuesday, June 13, 2023

**SESSION DETAILS** ►

**Track:** Climate Resilience

**Time:** 01:30 PM - 04:30 PM  
EST

**OVERVIEW** ►

**Moderator(s):** Christine Boyle

## TUE28 - TREATMENT PLANT OPERATIONS AND OPTIMIZATION

**Event Type:** Professional Program

**Day:** Tuesday, June 13, 2023

**SESSION DETAILS** ►

**Track:** Distribution and Plant Operations  
& Management

**Time:** 01:30 PM - 04:30 PM  
EST

**OVERVIEW** ►

**Moderator(s):** Andrew Jackson

## TUE29 - WATER CONSERVATION AND EFFICIENCY INCENTIVE PROGRAMS FOR RESIDENTIAL AND COMMERCIAL CUSTOMERS

**Event Type:** Professional Program

**Day:** Tuesday, June 13, 2023

**SESSION DETAILS** ►

**Track:** Water Conservation

**Time:** 01:30 PM - 04:30 PM  
EST

**OVERVIEW** ►

**Moderator(s):** Veronica Blette

## TUE30 - CONSTRUCTION - CANADIAN PERSPECTIVES

**Event Type:** Professional Program

**Day:** Tuesday, June 13, 2023

**SESSION DETAILS** ►

**Track:** Capital Improvement Projects:  
Planning, Design and Delivery

**Time:** 01:30 PM - 03:00 PM  
EST

**OVERVIEW** ►

**Moderator(s):** Garry Boychuk

## TUE31 - OPTIMIZING CORROSION CONTROL TREATMENT: BACK TO BASICS (STS)

**Event Type:** Professional Program

**Day:** Tuesday, June 13, 2023

**SESSION DETAILS** ►

**Track:** Managing Lead in Water

**Time:** 01:30 PM - 04:30 PM

**OVERVIEW** ►

**Track:** Innovation

**Time:** 01:30 PM - 04:30 PM  
EST

OVERVIEW ►

**Moderator(s):** Ray Yu

## TUE43 - PLANNING FOR THE FUTURE: YOUNG PROFESSIONALS (YPS) IN WATER INFRASTRUCTURE AND COMMUNICATION

**Event Type:** Professional Program

**Day:** Tuesday, June 13, 2023

SESSION DETAILS ►

**Track:** Virtual Track

**Time:** 01:30 PM - 02:55 PM

OVERVIEW ►

Work Culture in the Water Sector

EST

**Moderator(s):** Larry Latour

## TUE45 - TECHNOLOGY ADVANCES FROM SEA TO SEA TO PREPARE CANADA FOR 2050

**Event Type:** Professional Program

**Day:** Tuesday, June 13, 2023

SESSION DETAILS ►

**Track:** International Perspectives

**Time:** 01:30 PM - 04:30 PM

OVERVIEW ►

EST

**Moderator(s):** Adriano Vieira

## TUE46 - ENHANCING WATER SUPPLY RESILIENCE FOR AN UNCERTAIN FUTURE

**Event Type:** Professional Program

**Day:** Tuesday, June 13, 2023

SESSION DETAILS ►

**Track:** Sustainability

**Time:** 01:30 PM - 04:30 PM

OVERVIEW ►

EST

**Moderator(s):** Tom Dumm

## TUE36 - THE TIME TO TALK TO YOUR CUSTOMERS IS NOW

**Event Type:** Professional Program

**Day:** Tuesday, June 13, 2023

SESSION DETAILS ►

**Track:** Strengthening Public Trust

**Time:** 03:00 PM - 04:30 PM

OVERVIEW ►

EST

**Moderator(s):** Christina Montoya Halter



## TUE47 - MAINTAINING RESILIENCE IN CAPITAL PROJECT DELIVERY

**Event Type:** Professional Program  
**Track:** Capital Improvement Projects:  
Planning, Design and Delivery  
**Moderator(s):** Matt Bracewell

**Day:** Tuesday, June 13, 2023  
**Time:** 03:00 PM - 04:30 PM  
EST

**SESSION DETAILS** ►  
**OVERVIEW** ►

## TUE48 - DBP RESEARCH HIGHLIGHTS: OCCURRENCE, TOXICITY, AND TREATMENT STRATEGIES

**Event Type:** Professional Program  
**Track:** Water Quality Challenges  
**Moderator(s):** Grace Jang

**Day:** Tuesday, June 13, 2023  
**Time:** 03:00 PM - 04:30 PM  
EST

**SESSION DETAILS** ►  
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## TUE44 - NAVIGATING CAREER MOVES: CREATING CONFIDENCE, CHOOSING MENTORS, AND KNOWING PATHWAYS

**Event Type:** Professional Program  
**Track:** Virtual Track  
Work Culture in the Water Sector  
**Moderator(s):** Alfredo Rodriguez

**Day:** Tuesday, June 13, 2023  
**Time:** 03:05 PM - 04:30 PM  
EST

**SESSION DETAILS** ►  
**OVERVIEW** ►

## TUE32B - INNOVATIONS IN PFAS TREATMENT - PART 2

**Event Type:** Professional Program  
**Track:** Virtual Track  
Modern Approaches to Water Quality  
**Moderator(s):** Brent Alspach

**Day:** Tuesday, June 13, 2023  
**Time:** 03:10 PM - 04:30 PM  
EST

**SESSION DETAILS** ►  
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## TUE38 - PFAS – BEST PRACTICES IN RISK COMMUNICATION

## WED11 - CONDITION ASSESSMENT SUCCESS STORIES

**Event Type:** Professional Program

**Day:** Wednesday, June 14,  
2023

[SESSION DETAILS ►](#)

**Track:** Condition Assessment

**Time:** 09:00 AM - 11:30 AM

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Intelligent Water Solutions

EST

**Moderator(s):** Shaun Pietig

## WED12A - COMMUNICATING ABOUT THE REVISED LEAD AND COPPER RULE - PART 1 (STS)

**Event Type:** Professional Program

**Day:** Wednesday, June 14,  
2023

[SESSION DETAILS ►](#)

**Track:** Virtual Track

**Time:** 09:00 AM - 09:50 AM

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Strengthening Public Trust

EST

**Moderator(s):** Peggy Hofstra

## WED13 - MOVING FORWARD WITH LEAD SERVICE LINE REPLACEMENTS

**Event Type:** Professional Program

**Day:** Wednesday, June 14,  
2023

[SESSION DETAILS ►](#)

**Track:** Virtual Track

**Time:** 09:00 AM - 10:45 AM

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Water Policy and Regulations

EST

**Moderator(s):** Cathy Bernardino Bailey

## WED14 - WASTEWATER, SOURCE WATER PROTECTION, AND WATER CONSERVATION: NEW AND REVISED STANDARDS

**Event Type:** Professional Program

**Day:** Wednesday, June 14,  
2023

[SESSION DETAILS ►](#)

**Track:** Water Resources Planning and  
Management

**Time:** 09:00 AM - 11:30 AM

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**Moderator(s):** Paul Olson



## WED15 - THE MICROPLASTIC MAELSTROM

**Event Type:** Professional Program

**Day:** Wednesday, June 14, 2023

[SESSION DETAILS ▶](#)

**Track:** Water Quality Challenges

**Time:** 09:00 AM - 11:30 AM EST

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**Moderator(s):** Alma Beciragic

## WED16 - UTILITY MANAGEMENT - CANADIAN PERSPECTIVES

**Event Type:** Professional Program

**Day:** Wednesday, June 14, 2023

[SESSION DETAILS ▶](#)

**Track:** Utility Management and Leadership

**Time:** 09:00 AM - 11:30 AM EST

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**Moderator(s):** Rodney Bouchard

## WED17A - TECHNOLOGY AND TREATMENT INNOVATION LEADING THE WAY TO 2050 - PART 1

**Event Type:** Professional Program

**Day:** Wednesday, June 14, 2023

[SESSION DETAILS ▶](#)

**Track:** Virtual Track  
Innovation

**Time:** 09:00 AM - 09:55 AM EST

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**Moderator(s):** Brent Tippey

## WED18 - WINNING WITH DEI AND MAKING IT PERSONAL

**Event Type:** Professional Program

**Day:** Wednesday, June 14, 2023

[SESSION DETAILS ▶](#)

**Track:** Work Culture in the Water Sector

**Time:** 09:00 AM - 11:30 AM EST

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**Moderator(s):** Maggie Vaulman

## WED19 - RESILIENCE AND SUSTAINABILITY ON ISSUES THAT UTILITIES FACE, WHETHER LOCALLY OR ABROAD

**Event Type:** Professional Program

**Day:** Wednesday, June 14,  
2023

**SESSION DETAILS** ►

**Track:** Innovation  
International Perspectives

**Time:** 09:00 AM - 11:30 AM  
EST

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**Moderator(s):** Rebecca Wheeler

## WED20A - WATER SYSTEM MODELING FOR SUSTAINABILITY - PART 1

**Event Type:** Professional Program

**Day:** Wednesday, June 14,  
2023

**SESSION DETAILS** ►

**Track:** Virtual Track  
Sustainability

**Time:** 09:00 AM - 09:55 AM  
EST

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**Moderator(s):** Ben Chenevey

## PST03 - WEDNESDAY POSTER SESSION

**Event Type:** Professional Program

**Day:** Wednesday, June 14,  
2023

**SESSION DETAILS** ►

**Track:** Poster Session

**Time:** 10:00 AM - 11:00 AM  
EST

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**Moderator(s):**

## WED12B - COMMUNICATING ABOUT THE REVISED LEAD AND COPPER RULE - PART 2 (STS)

**Event Type:** Professional Program

**Day:** Wednesday, June 14,  
2023

**SESSION DETAILS** ►

**Track:** Virtual Track  
Strengthening Public Trust

**Time:** 10:05 AM - 11:30 AM  
EST

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**Moderator(s):** Peggy Hofstra

## WED17B - TECHNOLOGY AND TREATMENT INNOVATION LEADING THE WAY TO 2050 - PART 2

**Day:** Wednesday, June 14,

**Event Type:** Professional Program

2023

SESSION DETAILS ►

**Track:** Virtual Track

**Time:** 10:10 AM - 11:30 AM

OVERVIEW ►

Innovation

EST

**Moderator(s):** Brent Tippey

## WED20B - WATER SYSTEM MODELING FOR SUSTAINABILITY - PART 2

**Event Type:** Professional Program

**Day:** Wednesday, June 14, 2023

SESSION DETAILS ►

**Track:** Virtual Track

**Time:** 10:10 AM - 11:30 AM

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Sustainability

EST

**Moderator(s):** Ben Chenevey

## THE LAST DROP

**Event Type:** Professional Program

**Day:** Wednesday, June 14, 2023

SESSION DETAILS ►

**Track:** Virtual Track

**Time:** 11:15 AM - 12:30 PM

OVERVIEW ►

Keynote

EST

**Moderator(s):**

## WED21 - TREATMENT BEST PRACTICES - CANADIAN PERSPECTIVES

**Event Type:** Professional Program

**Day:** Wednesday, June 14, 2023

SESSION DETAILS ►

**Track:** Advances in Water Treatment

**Time:** 02:00 PM - 03:30 PM

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**Moderator(s):** William Mundy

## WED23 - PIPELINE ASSET MANAGEMENT

**Event Type:** Professional Program

**Day:** Wednesday, June 14, 2023

SESSION DETAILS ►



**Event Type:** Professional Program

**Day:** Wednesday, June 14,  
2023

**SESSION DETAILS** ►

**Track:** Virtual Track

Water Conservation

Water Resources Planning and  
Management

**Time:** 02:00 PM - 03:25 PM  
EST

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**Moderator(s):** Veronica Blette

## WED30 -MODERN CHALLENGES FACING SERVICE PROVIDERS: TIMELINE, SUPPLY CHAIN, AND BABA

**Event Type:** Professional Program

**Day:** Wednesday, June 14,  
2023

**SESSION DETAILS** ►

**Track:** Capital Improvement Projects:  
Planning, Design and Delivery

**Time:** 02:00 PM - 05:00 PM  
EST

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**Moderator(s):** Matthew Rosenwald

## WED31A - ALL ABOUT LEAD AND COPPER IN SMALL SYSTEMS - PART 1

**Event Type:** Professional Program

**Day:** Wednesday, June 14,  
2023

**SESSION DETAILS** ►

**Track:** Virtual Track

Managing Lead in Water

**Time:** 02:00 PM - 03:25 PM  
EST

**OVERVIEW** ►

**Moderator(s):** Stephanie Elliott

## WED32 - CYANOTOXINS AND HARMFUL ALGAL BLOOMS

**Event Type:** Professional Program

**Day:** Wednesday, June 14,  
2023

**SESSION DETAILS** ►

**Track:** Modern Approaches to Water  
Quality

**Time:** 02:00 PM - 05:00 PM  
EST

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**Moderator(s):** Jessica Edwards-Brandt

## WED33 - ADVANCED FILTRATION TECHNIQUES IN SMALL

## WED39 - CREATIVE SOLUTIONS FOR MANAGING STORMWATER

**Event Type:** Professional Program

**Day:** Wednesday, June 14, 2023

[SESSION DETAILS ▶](#)

**Track:** Water Resources Planning and Management

**Time:** 02:00 PM - 05:00 PM EST

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**Moderator(s):** Chenbo Xu

## WED40 - AESTHETIC WATER QUALITY EVENTS AND SOLUTIONS

**Event Type:** Professional Program

**Day:** Wednesday, June 14, 2023

[SESSION DETAILS ▶](#)

**Track:** Water Quality Challenges

**Time:** 02:00 PM - 05:00 PM EST

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**Moderator(s):** Zaid Chowdhury

## WED41 - THE KITCHEN SINK OF UTILITY MANAGEMENT & OPTIMIZATION

**Event Type:** Professional Program

**Day:** Wednesday, June 14, 2023

[SESSION DETAILS ▶](#)

**Track:** Utility Management and Leadership

**Time:** 02:00 PM - 05:00 PM EST

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**Moderator(s):** Jerome Madigan

## WED42 - THE LATEST RESEARCH ON EMERGING ISSUES – MICROPLASTICS, ALTERNATIVE DISINFECTANT, AND ION EXCHANGE

**Event Type:** Professional Program

**Day:** Wednesday, June 14, 2023

[SESSION DETAILS ▶](#)

**Track:** Innovation

**Time:** 02:00 PM - 03:30 PM EST

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