

ERIE COUNTY WATER AUTHORITY

INTEROFFICE MEMORANDUM

March 22, 2022

TO: Terrence McCracken, Secretary to the Authority

FROM: Sabrina A. Figler, Director of Water Quality

SUBJECT: Travel for Gabriella Holevinski, Chemist, to Attend AWWA ACE Conference

The AWWA ACE22 Conference is to be held in San Antonio, Texas, June 12-15. This conference provides an opportunity to connect water experts in every segment of the water industry. I have been approved to attend by the Board and I am requesting approval for Gabriella Holevinski to join me. There are many concurrent sessions in the areas of PFAS, advances in water treatment, managing lead in water, strengthening public trust, water policy and regulations, water quality challenges and water utility management and leadership. Gabriella put together schedules for each of us listing the dates and times of sessions we plan to attend (please see attached). I firmly believe the more educated my department is in what we do and why, the better team we make. There is much material to be covered at this conference and I appreciate you considering Gabriella's travel request.

BUDGET INFORMATION: BUDGET YEAR 2022

Water Quality Unit 1030

GL #: 401000 640212

Remaining Balance: \$5007.00

Thank you.

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

Contract: _____ **Project No.:** _____
Project Description: Gabriella Holevinski, Chemist, Travel to AWWA ACE Conference
San Antonio, TX

Item Description:

Agreement Professional Service Contract Amendment Change Order
 BCD NYSDOT Agreement Contract Documents Addendum
 Recommendation for Award of Contract Recommendation to Reject Bids
 Request for Proposals
 Other Approve

Action Requested:

Board Authorization to Execute Legal Approval
 Board Authorization to Award Execution by the Chairman
 Board Authorization to Advertise for Bids Execution by the Secretary to the Authority
 Board Authorization to Solicit Request for Proposals
 Other Approval for Travel

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>3/30/2022</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>TCE</i></u>	Date: <u>3/30/22</u>
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Remarks: _____

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

TRAVEL REQUEST

Name Gabriella Holevinski Today's Date March 22, 2022

Job Title Chemist

Department Water Quality

Destination(s) AWWA ACE San Antonio, TX

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

Conference related to various aspects of water quality. Though attending multiple sessions, I will gain a better knowledge and understanding of the methodology performed in the lab as well as new regulations.

Please see attached for course descriptions

Dates of Travel

From: Day (M T W T F S S), Date 6/12/2022 To: Day (M T W T F S S), Date 6/16/2022

Total number of business days: 4

Estimated Cost Transportation costs can be obtained from Shari Zajdel X8459.

Transportation \$ \$600 Hotel Accommodations \$ \$755 Meals \$ 200

TOTAL ESTIMATED COST \$ 1555 **W/ REGISTRATION FEE \$** 2450

Balance in the travel budget prior to this trip \$ 5902 G/L Number 401000
Unit # 1030 Primary # 640212

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

Approvals:

Department Head  Date 3/22/22

Executive Director  Date 3/23/22

Secretary  Date 3/23/22

Date of Resolution _____ Item No. _____



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Terrence McCracken, Secretary to the Authority

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Conference

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Thank you.

Gabriella's AWWA ACE Schedule

DBPS **CYANOTOXINS/HABS** **LCR** **PFAS**

Monday

02:00 PM CDT **Using UCMR4 and State Managed Data to Characterize and Assess DBPs with a Focus on HAA9 Occurrence and Potential Regulation**

02:30 PM CDT **Toxicity and Disinfection By-Product (DBPs) Identification in Disinfected Waters**

03:00 PM CDT **Anaerobic Biotransformation and Biodefluorination of Chlorine-Substituted Perfluorinated Carboxylic Acids**

3:30 PM CDT **Impact of Natural Sunlight Photolysis on Disinfection Byproduct Precursors Present at Drinking Water Sources**

4:00 PM CDT **Chlorine Dioxide: Jack of All Trades**

4:30 PM CDT **Mapping Byproducts Across UV/Chlorine and UV/Hydrogen Peroxide for Reuse and Drinking Water Treatment**

Tuesday

08:55 AM CDT **From 'Do Not Drink' Advisories to Proactive Management: Lessons Learned from Ohio's Long-Term History with HABS**

09:30 AM CDT **LSL Case Studies**

10:00 AM CDT **CCT Fundamentals and Methodology**

10:30 AM CDT **Simultaneous Adsorption and Decomposition of PFAS Using Inoculated Activated Carbon Coupled with Oxidant**

11:00 AM CDT **Destructive PFAS Technology Niche and Life Cycle Costs for Water Treatment**

-----LUNCH-----

01:30 PM CDT **Application of Novel Method to Estimate Total PFAS Content in Water**

02:00 PM CDT **Evaluating Sources and Mitigation Strategies for PFAS Across the One Water Spectrum: An Update on WRF 5082**

02:30 PM CDT **Factors Determining Anion Exchange Use Rates for PFAS Removal**

03:00 PM - 04:30 PM CDT **UCMR5 AND PFAS: REQUIREMENTS AND TOOLS FOR DRINKING WATER SYSTEMS**

Wednesday

8:30 AM CDT **PFAS Communications Project Activities and Drivers**

08:50 AM CDT **Communicating PFAS Risk During UCMR5**

09:10 AM CDT **PFAS Messaging in One Water Context for Drinking Water, Waste Water, Biosolids Considerations**

09:30 AM CDT **Q&A Panel**

1:30 PM CDT **Cyanotoxins: An Update on Regulations and UCMR4 Results**

2:30 PM CDT **Treatment Considerations for HAB and T&O Control**

03:00 PM CDT **Utilities Responses to HABs Events**

3:30 PM CDT **The Nation's Largest Ion Exchange PFAS Water Treatment Plant**

4:00 PM CDT **Destruction of Per- And Poly-Fluoroalkyl Substances (PFAS) In Concentrated Waste**

Sabrina's AWWA Ace Schedule

Water Quality **LCR** **PFAS** **Management** **Customer**
CYANOTOXINS/HABS **Legionella**

Sunday

9 am – 4 pm CDT **WATER UTILITY MANAGEMENT: WHAT YOU DON'T KNOW THAT YOU PROBABLY SHOULD**

Monday

2:00 PM CDT **An introduction to Water Quality Monitoring**

2:30 pm CDT **Setting Up for Success – Where to Begin with Water Quality Monitoring and Implementation**

2:30 pm CDT **Expectations for Detection of PFAS in UCMR5**

3:00 pm CDT **Advancing Water Quality Model Calibration at Greater Cincinnati Water Works**

3:30 PM CDT **Impact of Polyphosphate on the Orthophosphate Does Needed to Control Lead and Copper Solubility**

Tuesday

8:30 am CDT **What has Changed in the LCRR and Status of the Final Regulation**

8:30 am CDT **Tools for Emerging and Re-Energizing Leaders**

9:00 am CDT **How to Do a LSL Inventory**

9:20 am CDT **Implications of HABS on Water Treatment Operations and Leveraging Source Water Management**

9:40 am CDT **Build Community, Create Public Trust**

9:45 am CDT **Options for Managing Intra- and Extra- Cellular Toxins in the Water Treatment Plant**

10:00 am CDT **Whats Going on with Consumer Confidence Reports ? A Look at AWIA, NDWAC Recommendations, and Potential Changes to the Rule**

10:30 am CDT **Trends in Public Confidence in Their Drinking Water**

10:30 CDT **Sampling Requirements of the LCRR**

10:30 am CDT **Simultaneous Adsorption and Decomposition of PFAS Using Inoculated Activated Carbon Coupled with Oxidant**

10:55 am CDT **Implications of HABs on Water Treatment Operations and Leveraging Source Water Management**

1:30 pm CDT **Application of Novel Method to Estimate Total PFAS Content in Water**

1:30 pm CDT **SDWA and WSP Approaches to Water Quality Management and a Framework for Legionnaires' Disease Risk Management**

2:00 pm CDT **Evaluating Sources and Mitigation Strategies for PFAS Across the One Water Spectrum**

2:00 pm CDT **Monitoring Sampling Drinking Water Distribution Systems for Opportunistic Pathogens**

2:30 pm CDT **Misinformation vs Education**

2:30 pm CDT **Effectiveness of Various Treatments Toward Infectious Forms of Legionella Pneumophila and Their Amoeba Hosts**

3:00 pm CDT **Factors Determining GAC Use Rates for PFAS Removal**

3:00 pm CDT **UCMR5 AND PFAS: Requirements and Tools for Drinking Water Systems**

Wednesday

8:30 am CDT **Understanding How Plumbing Design and Operations Influence Opportunistic Premise Plumbing Pathogens in a Net-Zero Energy Residence**

8:30 am **CDT Communicating PFAS Risk During UCMR5**

8:30 am **CDT Preparing Your Water System for Emergencies and Potential Supply Chain Disruptions**

9:00 am CDT **Getting the Lead Out in Trenton: A Multi-Phased Approach to Achieving LCR Compliance in NJ's Capitol City**

9:30 am CDT **Predicting and Mitigating Coagulant Break-Through During Algae Events**

10:00 am CDT **Holistic Treatment Strategies for Addressing Harmful Algal Blooms**

10:30 am CDT **Cyanotoxin Vulnerability: Past, Present, Future**

11:00 am CDT **Great Lakes Water Authority: Proactively Stress Testing Treatment Facilities for Harmful Algal Bloom Readiness**

1:30 pm CDT **How Austin Water is Growing the Ranks of Female Leadership Across the Utility**

1:30 pm CDT **Cyanotoxins: An Update on Regulations and UCMR4 Results**

3:00 pm CDT **Utilities Responses to HAB Events**