

ONLINE TRAINING ACADEMY



The Online Training Academy (OTA) is a series of web-based courses designed to build strong authorities. This convenient and cost-effective training has been developed for:

- authority board members
- consultants
- management
- billing departments
- financial staff
- treatment plant employees
- and more!

Each webinar is approximately 1 hour and includes a detailed presentation, along with a question and answer period.

Every member of the authority team benefits from these courses!

Member

\$45 each

Non-Member

\$75 each

Unless otherwise noted under the title.

Attention Professional Engineers

If a PDH is noted after the webinar title, a certificate will be issued upon viewing confirmation.

What you need

A computer or mobile device with high-speed internet access

Speakers or headphones to listen to the audio portion of the sessions

A valid email address for registration

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● For additional information or to purchase a webinar(s), please email [Kim Wenrich](mailto:wenrich@municipalauthorities.org) at wenrich@municipalauthorities.org. A link to the webinar(s) will be emailed, along with an invoice. The link can be viewed multiple times. ●

Addressing Legacy Stormwater Issues in Today's MS4 Environment (1 PDH)

Stormwater management standards have changed over time, evolving as our understanding of stormwater has evolved. Legacy BMP's may no longer be serving their intended purpose.

- The presenters will provide background on:
- The evolution of stormwater management
- Unique difficulties in suburban karst landscape

Also presented is an innovative approach to dealing with legacy facilities.

Presenters:

Pierre O. MaCoy
Susquehanna River
Basin Commission

Jeremy Miller
Hampden Township
Sewer Authority



Authorities and COVID-19

The COVID-19 pandemic has changed the world in which we live in many ways. For authorities as life sustaining entities, we are challenged with providing continuity of services to our communities, while providing a safe working environment.

Issues facing authority operations include:

- Authority Board meetings, quorums, electronic participation and public access
- Workforce safety issues, social distancing and sanitization
- Shut offs and late charge fee suspensions
- Employee personal leave and other employment policy issues
- Contractor work
- Cash flow and related financial issues

Authority and associate member presentations and panel discussions will cover a wide range of issues faced during the pandemic. What worked, what can be done better, and what can we do to prepare should this or a similar challenge be faced in the future.

Presenters:

Steven A. Hann, Esq., Hamburg, Rubin, Mullin, Maxwell & Lupin
Matthew Junker, Municipal Authority of Westmoreland County
Charlotte Katzenmoyer, Capital Region Water
Michael A. Kyle, Lancaster Area Sewer Authority



Authority and Tenant Rights and Obligations Prior to Termination of Service

Water and wastewater service terminations are not easy, neither for the customer nor for the Authority. When a Landlord/Tenant relationship is added to the mix, the process becomes confusing and complicated quickly. This webinar will provide an explanation of the rights and obligation of the Authority, the Tenant and the Landlord included in the Utility Service Tenants' Rights Act (USTRA).

Specific areas that will be discussed are:

- Identification and notification requirements for tenant occupied landlord ratepayer accounts
- Requirements for tenants to exercise right to continued service upon termination for nonpayment by landlord ratepayer
- Requirements before service may be disconnected at the request of a landlord ratepayer
- Considerations when third party sewer utility requests termination of water service for nonpayment of sewer bill

Panelists will also discuss case law decided under USTRA and, importantly, real world practical examples of issues and solutions under USTRA. Attendees will gain an understanding of what can and what cannot be done as well as what should and what should not be done.



Presenters:

Kathy L. Pape, Esq., Saxton & Stump LLC

Ade Bakare, Esq., McNees, Wallace & Nurick LLC

Julie Quigley, Pittsburgh Water & Sewer Authority

John Sweet, Esq., Pennsylvania Utility Law Project

Authority Outreach & Impact of your Digital Presence

Creating (or establishing) a strong digital presence for your authority has never been more important than right now! Whether it is communicating with your residents & customers during a crisis or creating awareness of your role in your community.

How do you effectively communicate with your residents?

This webinar is for authorities of all sizes who want to gain a better understanding of digital marketing and to help authorities develop their digital presence while looking to actively communicate with neighbors online to inform of timely messages, authority happenings & important information that could impact their day-to-day operations.

Join us for a lively discussion from two experts in public relations and marketing from Gavin Advertising as we answer the following questions:

- How can we improve and strengthen our communication efforts?
- What social media platforms would best suit my authority's audience?
- What are best practices when it comes to social media policies for authority employees?
- What are website accessibility standards and why should we be concerned with compliance?

By the end of this webinar, you will have a good foundation of practical tools and techniques to create a successful online presence.

Presenters:

Lisa Brusio Coster, Director of Public Relations, Gavin

Bill Daiber, Director of Digital, Gavin



Breaking Down PFAS: Impacts to Municipal Wastewater & Biosolids (1 PDH)

Municipal wastewater authorities are receivers of PFAS discharged into their systems. PFAS is not removed or destroyed in the treatment process therefore exits the plant either in the effluent or in the biosolids.

Topics covered in this session will be:

- Source Control through in-system testing and industrial pretreatment
- Precursor transformation through the treatment process
- Effluent sampling and impact on downstream uses
- Biosolids Management and the dwindling outlets for disposal

Conclusions from WRF-5031 and WRF-5042 projects, a summary of the current regulatory landscape (including the elimination of land application of biosolids in Maine), and updates on the development of destructive technologies will be presented.

Presenter:

Jane E. Madden, PE, BCEE, CDM Smith



Breaking Down PFAS: What Lies Ahead for Municipal Drinking Water Treatment? (1 PDH)

Some topics covered in this session will be:

- Sampling & Testing for groundwater and surface water sources
- Treatability Analysis of various PFAS contaminants
- Available Treatment Technologies
- Optimum Treatment Process Selection
- Successful Project Implementation

Presenter:

Alan G. LeBlanc, P.E., BCEE, CDM Smith

Complying with America's Water Infrastructure Act of 2018 (1 PDH)

America's Water Infrastructure Act of 2018 requires all community water systems that service a population greater than 3,300 persons to conduct a risk and resilience assessment (RRA) and prepare or update an emergency response plan (ERP).

The presenter will address:

- Requirements
- Schedules
- Methodologies
- The benefits of developing and maintaining an RRA/ERP.

Presenter:

Rulison Evans, PE, GHD, Inc.



A Comprehensive Review of the Municipality Authorities Act (MAA)

This webinar will provide a broad overview of the MAA aimed primarily for Authority board members and staff. The entire MAA will be reviewed with emphasis on areas of general concern and the majority of questions that Mr. Witherel, Esq. has received over the years.



In this session, you will:

- Learn about some of the misinterpretations of the MAA regarding board appointments, compensation, etc.
- Review board conflicts/prohibitions in matters of money and contracts
- Understand the basics of tapping fees in the MAA but this lengthy section will be devoted to a future webinar

We will also touch on the following areas of the Act:

- Amendments of Articles
- Limitations of Authorities
- Bonds
- Investment of Authority Funds
- Exemption from Taxation and Payments in Lieu of Taxes
- And more!

Presenter:

Michael J. Witherel, Esq., PMAA Solicitor West, Witherel & Associates

The 2021-2022 Pennsylvania Municipality Authorities Act and Related Laws edition is now available. Please visit our website for an order form to purchase any copies you may need.

www.municipalauthorities.org/municipal-act/

Considering a Customer Assistance Program?

Now, more than ever, not only water and wastewater customers but also, municipal authorities need bills to be paid and paid timely. But what if a customer can't pay...in the short term or in the long term? A Customer Assistance Program may be the answer.

This presentation will address:

- The potential legal obstacles to implementation of a customer assistance program (CAP) and how to address them
- How to fund a CAP
- How to design a CAP
- How to administer a CAP

Examples of municipal and authority CAP programs will be discussed.

Presenters:

Adeolu Bakare, Esq., McNeese Wallace & Nurick LLC

Candace Hoover, Manheim Area Water & Sewer Authority

Kathy L. Pape, Esq., Saxton & Stump LLC

John Sweet, PA Utility Law Project



COVID-19 and Municipal Authorities: One Year Later

One year ago, the United States witnessed its first known case of COVID-19.

The devastating impact of the virus will be felt for years to come and has ushered in a new era of change.



Comparable to many local government entities across the country PMAA members have had to address unique issues during this unprecedented time ranging from the conduct of board meetings to novel human resource considerations and to unexpected economic concerns.

This webinar will focus on:

- Recent and projected issues of interest to PMAA members as the country continues to deal with the virus
- Vaccine availability
- Customer/ratepayer matters
- Potential for federal legislative assistance

In addition, we will explore certain operational changes that municipal authorities and others have implemented because of the virus and which of these changes may continue post-pandemic.

Presenter:

Steve Hann, Esq., PMAA Solicitor East, Hamburg, Rubin, Mullin, Maxwell & Lupin, P.C.

Creating Advantages in Today's Bidding Environment

Cost: Free to members; \$75 for non-members

Municipal authorities continue to strive not only for better pricing and greater bidder participation but for reliable availability of materials and manpower to allow timely completion of capital projects.

Following the analysis of over 16,000 PA projects and 64,000 sealed bids, this session offers:

- Valuable analytics;
- Tips and tricks; and
- Best practices that can produce real results when bidding on projects in today's ever-changing bidding environment.

Presenter:

Freddy Lutz, PennBid



Critical Infrastructure Cybersecurity: Attacks, Mitigation, and the Human Asset (1 PDH)

This presentation will discuss the current state of Critical Infrastructure Cybersecurity from three perspectives:

- Notable attacks on Critical Infrastructure
- Methods of Attack & Prevention and Mitigation
- The role of the Human Asset in Cybersecurity

Presenter:

Daniel Capano

Gannett Fleming, Inc.



Cybersecurity Threats, Challenges & Solutions from the Trenches

Join us as we discuss current threats and attack methodologies of cybersecurity issues observed while responding to incidents of all sizes in an engaging session designed to enhance cyber awareness. Incorporating expertise from legal and technical perspectives offers insights valuable to both non-technical and technical attendees.

From identifying low-hanging fruit to more complex considerations, participants will leave this session with actionable solutions that can improve overall security posture and minimize the impact of a cyber event.



Key Takeaways:

- Learn attacker tactics, techniques & procedures
- Identify key defensive measures and discuss methods of triaging vulnerabilities
- Understand legal challenges and triggers
- Develop cross-silo collaboration ideas
- Building an effective incident response plan and incident response team
- Provide a background on state and federal breach notification law

Presenters:

Serge Jorgensen, Sylint Group

Matt Meade, Esq., Eckert Seamans Cherin & Mellott, LLC

Emergency Preparedness & Crisis Communicating

This presentation is designed to help public entities overcome these concerning statistics with improved levels of preparedness.

During this presentation, participants gain an understanding of how to develop a strategy for successful community and media relations before, during and after a crisis situation.

Topics will cover basics for:

- Preparing your organization for proper communications to internal and external audiences
- Managing messages across all forms of media platforms

Presented by experienced crisis public relations professionals and former news reporters, our presenters will discuss:

- How to mitigate risk through communications
- Building public trust through informative messaging
- Provide basic on-camera media training skills.

Presenters:

Mandy Arnold

Gavin Advertising

Jay Scott

Gavin Advertising



Ethics (1 PDH)

Brian Jacisin, Esq., with the PA State Ethics Commission, will provide a brief review of:

- ethical standards
- recent Ethics Commission rulings impacting municipal authority officials
- briefly address their required Statement of Financial Interest forms.

The Ethics Act requires this form be filed each year the position (board and/or Management) is held and the year following termination of service.

Presenter:

Brian Jacisin, Esq., PA State Ethics Commission

**Important
Information**

Geophysics and Subsurface Utility Engineering for Municipal Authorities

How to find, map and manage before digging, drilling, or building.

April is National Safe Digging Month, a time when many authorities are gearing up for outdoor projects. Costs associated with these projects are on the rise so it's important to maximize every dollar spent. That's why it's important to know what's in the ground before you begin digging.



But how do you know what's going on underground? That's where Geophysics and Subsurface Utility Engineering (SUE) can help.

- Geophysics – “radiology for the earth” which helps identify underground obstacles.
- SUE – the practice of identifying subsurface infrastructure like pipes and other buried utilities.

When incorporated together, Geophysics and SUE can help municipal authorities understand what's beneath the surface before digging or drilling. These technologies can help identify subsurface obstacles while reducing potential utility, equipment or property damage as well as creating a safe work environment.

This webinar will provide:

- A basic understanding of the latest geophysical techniques
- The process of Subsurface Utility Engineering
- Numerous real-life project examples describing how implementing these technologies helps save time while minimizing danger, expense, and liability on projects before a shovel ever hits the ground

Presenter:

Felicia Bechtel, MSc, PG, RETTEW

How Capital Improvement Plans Can Help Authorities Survive COVID-19 and Other Financial Challenges (1 PDH)

A capital improvement plan can help you accomplish both these goals, while also increasing efficiency, positioning you better for grant opportunities, and reducing the risk of regulatory fines and liabilities from infrastructure failure.

Presenter:

Adrienne Vicari, PE

Herbert, Rowland & Grubic, Inc.

Joshua Fox, PE

Herbert, Rowland & Grubic, Inc.



How Do You Inspire Your Team?

Dealing with the dynamics of any team can be challenging. This webinar will demonstrate how building a strong team can be accomplished when everyone delivers on their individual responsibilities.

Good communication and understanding why people do what they do are essential for the success of any organization. Making sure each person feels a part of your team goals will help build more productive, stronger relationships and create better outcomes.



Case Study:

Sharon Purnell, Hamilton Township Municipal Authority, will share her recent personality assessment experiences, lessons learned, and steps she is taking to cohesively build a stronger team.

Here is a look at what you will learn:

- Identifying strategies for communicating more effectively
- Appreciating core personality types
- Adjusting your communication style based on the personalities around you
- What motivates others
- Understanding the benefits of teamwork
- Utilizing techniques as a leadership and succession planning tool
- How to create successful professional and personal relationships
- Implementing personality assessment tools to identify core motives

IMPORTANT:

Before this webinar, you will receive a link to complete your personality assessment. It's free, anonymous, and will help identify some of your personality traits which you will find useful during the presentation.

Presenters:

Una Martone, President & CEO, Leadership Harrisburg Area

Sharon Purnell, Manager, Hamilton Township Municipal Authority

How to Grow Your Authority and as a Result Reduce Future Rate Increases - A Case Study of an Authority Growth Strategy - LASA's Three Recent Acquisitions (1 PDH)

Authorities have few choices other than increasing rates in order to repair or replace aging infrastructure and pay the increasing costs of operation. However, one way to offset those rate increases is to leverage the economies of scale by growing your customer base.



This webinar will explain how a purposeful growth strategy can benefit your Authority, how to work with your Board to develop the strategy, and how to implement the strategy to see reductions in cost per customer.

The webinar will:

- Explain the tactics you can use to purposefully grow your utility in a way that benefits your customers
- List and explain the different ways to grow a utility
- Show you the steps to take in acquiring systems
- Demonstrate actual efficiencies gained through growth of a sewer authority, and
- Go through a list of do's and don'ts

This webinar will show you how LASA has experienced measurable reductions in operating costs per customer as a result of negotiating operating agreements and acquiring systems, and how you can see similar benefits through such a strategy.

Presenter:

Michael A. Kyle, PE, Lancaster Area Sewer Authority

Impact of COVID-19 on Municipal Authorities & Considerations on How to Move Forward

Cost: Free to members; \$75 to non-members

The impact of COVID-19 has caused a concern among municipal authorities regarding anticipated loss of revenues associated with non-consumption of services. Consequently, many PMAA members have reached out asking what options they have at their disposal should they require financial relief.



The current challenges posed by the coronavirus pandemic present a completely new and nationwide threat to authorities. The combination of multiple factors has raised the question from many within PMAA...

“What can we do to prepare for the loss of revenue that we may experience?”

Some of the topics discussed during this session are:

- Revenue Anticipation Notes (“RAN”)
- Debt Restructuring
- Unfunded Pension Liability
- Cash Flow Projections
- Update on Recent Financial Market Conditions

Please join us as we provide details on options authorities have to address COVID-19-related cash flow problems as the economic picture continues to evolve.

Presenter:

Jamie Schlesinger, PFM Asset Management

Implementing Green Technology for Sludge Management

Sludge management is a critical component of all wastewater treatment plants and often a significant drain on an authority's staff allocation and budget. Reed Beds offer an alternative solution to dewatering sludge and by nature incorporate several aspects of Sustainability and Green Infrastructure.

The presenters will discuss and review a large Reed Bed project implemented in 2019 by the Bradford Sanitary Authority to process the Authority's digested sludge in an environmentally sustaining and cost-efficient manner.

Why Reed Beds?

- An economic review will detail operational cost savings
- Lessons learned from this unique project that is a low-energy solution with a high value return

The methodology behind the decision to construct the Reed Beds will be covered during this one-hour webinar, including:

- Detailing the construction phase;
- Planting of the rhizomes;
- Start-up process;
- Irrigation and controls;
- Biosolids loading schedules;
- Sampling requirements; and
- Operational activities.



Presenters:

Steve Disney, Executive Director, Bradford City Water & Sanitary Authorities

Donnie Hayden, Operations Manager, Bradford Sanitary Authority

Jack Rae PE, Senior Project Manager Gannett Fleming, Inc.

Improving Revenue Collections During a Pandemic – Lessons Learned

The COVID-19 pandemic created many financial hardships for both authorities and their customers. Kevin will offer alternative payment methods, including third party solutions that can assist in bad debt reduction, and discuss the effects of the pandemic on delinquent collections.

Presenter:

Kevin Buraks, Esq.

Portnoff Law Associates, Ltd.



Lead & Copper Rule Revisions How It Impacts Your Water Authority (1 PDH)

On December 16th, 2021, the EPA promulgated revisions to the Lead and Copper Rule (LCR). The LCR, originally promulgated in 1991, had established a compliance framework aimed at reducing



lead in drinking water. The revisions (LCRR) are the first major update to the rule and include a suite of new measures aimed at further reducing the potential of lead exposure from drinking water. The revisions are wide-ranging, and compliance may be difficult for many water authorities.

This webinar will briefly examine the six focus areas the EPA's LCRR aims to address including:

- Identifying the most impacted areas
- Strengthening treatment requirements
- Accelerating lead service line (LSL) replacements
- Increasing sampling reliability
- Improving risk communication
- Protecting children in schools

We will also review the major changes to the LCR and cover the key requirements including:

- Lead service line (LSL) inventories
- LSL replacement plans
- New sampling protocols
- Public outreach/education
- Enhanced treatment requirements and the new trigger level

Finally, we will explore some actions authorities should consider implementing immediately so that they can satisfy the new requirements by the compliance date of October 16th, 2024.

Presenters:

Peter Lusardi, PE, GHD

Stephen Waldvogel, PE, GHD

Medical Marijuana: Workplace Implications

What are the implications of the legalization of medical marijuana on municipal employers and employees?

The following will be presented:

- Review employment law
- Trends in cases from Pennsylvania and elsewhere
- Explore the issues created by the Medical Marijuana Act

Presenters:

John A. McCreary, Jr.

Babst Calland Clements and Zomnir, PC

Adam L Santucci

McNees Wallace & Nurick LLC

Charlotte Katzenmoyer

Capital Region Water



New Applications in Asset Management with GIS and CMMS Solutions (1 PDH)

Asset management is a large umbrella term that can mean many things to different individuals. In basic terms, asset management is a combination of practices applied to all assets including infrastructure, people, and systems for the purpose of providing a level of service, at an optimal cost, and acceptable risk.



Asset management starts with knowing what assets you have and where they are located. Recent transformations in Computerized Maintenance Management Systems (CMMS) and Geographic Information Systems (GIS) provide simplified tools.

For CMMS, users are finding a need to replace legacy systems with new systems better aligned to leading practices in maintenance management. For GIS systems, cloud-based tools and mobile devices have created a shift from who the everyday GIS user is, allowing utility staff access to use and maintain GIS data.

During this one-hour webinar, concepts discussed will include:

- Resources for developing your Asset Management Program
- Condition assessments, asset rehabilitation and renewal, and criticality
- Leading Practices with CMMS and GIS platforms to manage assets
- Data collection tools for mobile devices
- Sharing GIS to the public
- Streamlining workflows

Presenters:

Hector Ruiz, PE, US Water Market Lead – Asset Management, GHD
Todd Plank, Location Intelligence Team Lead, GHD

The New Normal – Responding to a Positive COVID-19 Case in the Workplace and Reducing the Spread

Cost: Free to members; \$75 to non-members

With many states seeing significant spikes of COVID-19 cases for the first time, employers facing these issues for the first time can learn and build on the experiences from the first three months of the pandemic. This webinar will address best practices and applicable legal requirements in the following areas:



- Step by step protocol for handling a positive COVID-19 case in the workplace
- How to handle reinstatement for both symptomatic and asymptomatic employees who test positive or who are self-quarantined for exposure
- Screening of employees for symptoms and temperature checks
- Conducting investigation into source of COVID-19 cases for contact tracing and OSHA recording purposes

Presenters:

David Barron, Cozen O'Connor

Walter Stella, Cozen O'Connor

Bethany Salvatore, Cozen O'Connor

The Nuts & Bolts of Solar Power for Water & Wastewater (1 PDH)

Key takeaways by attending the webinar:

- Learn how solar projects work and if they are right for your system
- Benefits and challenges of solar-powered treatment works
- Is the timing right? It may be now.
- Bidding:
 - Is this subject for bidding?
 - Are there any bidding requirements?
- How solar projects can stabilize customer rates
- Agreement structures
 - Power Supply Agreements vs. system ownership
 - Behind-the-meter, net metering, virtual net metering
- How is a solar project financed?
- SREC – What does that mean and how do I sell it?
- 100% renewably powered treatment works – education, tours, and publicity
- How do Managers and Board Members get started?
-

Presenter:

Scott T. Wyland, Esq.

Salzmann Hughes, P.C.



PA Homeowners Assistance Fund

Program Overview

Cost: Free to members

PAHAF is a housing-related program funded by the U.S. Department of the Treasury to assist Pennsylvania homeowners facing financial hardship due to the COVID-19 pandemic.

A one-hour exclusive **member-only** webinar to learn an overview of the program and see how your authority can work with PAHAF to assist Pennsylvania homeowners.

PAHAF contact information for:

- Verification team
- General inquiries and policy questions
- Escalated issues or complaints

Gain insights on:

- Assisting eligible Pennsylvania homeowners who are struggling to pay their delinquent housing-related bills, including utility expenses through PAHAF funding
- What types of assistance PAHAF provides and the eligibility requirements
- How to work with the PAHAF team throughout the process

Program Overview:

- General overview, eligibility, funding caps for each assistance type, and the application process flow

Onboarding Process:

- Documents needed from your authority
- Points of contact if not onboarded yet

Verification Process:

- How it works
- What to expect

Presenters:

Sydney Gilliam, Pennsylvania Homeowner Assistance Fund

Athena Laines, Pennsylvania Homeowner Assistance Fund



PA One Call Update: Are you in Compliance with the New Law?

Did you know that your Authority is now subject to significant fines and penalties levied by PUC



through the Damage Prevention Committee for failing to comply with the new underground utility law in Pennsylvania?

Did you know that from the time the new law took effect, the One Call center has received and processed nearly 16,000 Alleged Violation Reports, many of them against municipal water and wastewater authorities?

We invite you to ask questions and express your concerns to the Chair and Vice Chair of the Damage Prevention Committee, the supervisor overseeing enforcement for PUC, and the CEO of PA One Call in this interactive session.

Presenters:

Terri C. Cooper Smith, PA Public Utility Commission

William G. Kiger, Pennsylvania One Call System, Inc.

Kasha Schreffler, Pennsylvania Utility Commission

Eric Swartley, UGI Utilities, Inc.

**ARE YOU 100%
COMPLIANT?**

Paper to Paperless: Document Management for Authorities (1 PDH)

Participants will be presented with an overview of the benefits of converting paper records to searchable digital images.

Topics will include:

- Document conversion best practices
- ROI
- Managing retention schedules
- Document management software options

Case study:

Mount Pocono Municipal Authority's process of migrating from hard copy paper to streamlined digital paper will showcase how to prioritize and execute the process.

Presenters:

Anthony Hornicek, Scantek Infomanagement Solutions

Jonathan Klotz, Mount Pocono Municipal Authority



Partnering with PENNVEST

Cost: Free to members; \$45 to non-members

Capital improvements are an important part of authority plans. But how do you find affordable funding sources for your water, wastewater or stormwater projects? As a PMAA member, enjoy this complimentary one-hour webinar to learn more about:

- What are PENNVEST's funding sources?
- How does your authority access these sources?
- Does your authority qualify for funding?
- How are projects selected for these opportunities?
- How much money does PENNVEST award annually?
- How does DEP fit into the picture?
- What are some other ways PENNVEST can assist your authority?

Presenters:

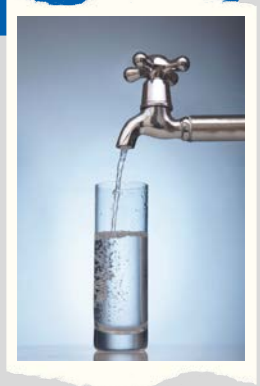
Brion Johnson, PENNVEST

Kathy Pape, Esq., Saxton & Stump LLC



PFAS 2022: A Midyear Update for Municipal Authorities (2 PDH)

Per- and polyfluorinated alkyl substances (PFAS) are known as forever chemicals that persist in the environment. These man-made chemicals have impacted our environmental media and have caused widespread contamination throughout the country. EPA has classified PFAS as emerging contaminants and has identified potential health concerns associated with exposure to these chemicals.



What does all this mean for your authority? Join us for this in-depth conversation as we cover issues such as:

- Pennsylvania's proposed Safe Drinking Water PFAS MCL Rule
- EPA's strategic roadmap for PFAS including:
 - National Primary Drinking Water Regulation for PFOA and PFOS
 - EPA's Science Advisory Board proceedings
 - Toxicity assessments and health advisories
 - NPDES permitting for wastewater treatment plants
- How Superfund may impact the land application of biosolids
- Issues associated with monitoring and analyzing PFAS samples, including laboratory methods
- Regulations and costs associated with monitoring MCLs and MCLGs
- Funding for PFAS-related activities

You will also learn about:

- GenX chemicals and why you need to be concerned
- Superfund and legal issues in the handling of biosolids
- Potential issues and lawful actions related to enforcement by EPA
- Regulatory initiatives that could cause liabilities to water and wastewater authorities
- How states other than Pennsylvania are addressing PFAS
- Discussion and updates on current regulation legal proceedings

Presenter:

Steven Hann, Esq., PMAA Solicitor East, Hamburg, Rubin, Mullin, Maxwell & Lupin

PFAS Soup to Nuts

Per- and polyfluorinated alkyl substances (PFAS) are known as forever chemicals that persist in the environment. These man-made chemicals have leached into our soil, air and water sources and have caused widespread contamination throughout the country. The Environmental Protection Agency (EPA) has classified PFAS as emerging contaminants and there are health concerns associated with exposure to these chemicals.



Join us for this in-depth conversation on what this all means for your authority. We will be covering issues such as:

- EPA's strategic roadmap for PFAS including:
- National primary drinking water regulation
- Toxicity assessments and health advisories
- NPDES permitting to reduce PFAS discharges
- Proposed rulemaking to amend safe drinking water regulations in Pennsylvania
- Regulations and costs associated with PFAS monitoring
- Funding for PFAS-related activities

You will also learn about:

- Superfund and potential liability relating to biosolids
- GenX chemicals and why you need to be concerned
- Regulatory initiatives that could impact water and wastewater authorities
- Potential issues related to government enforcement
- Discussion and updates on current regulatory issues and litigation

Presenter:

Steven A. Hann, Esq., PMAA Solicitor East
Hamburg, Rubin, Mullin, Maxwell & Lupin, P.C.

PFAS - Technologies & Treatment Options (1 PDH)

In the face of rapidly changing regulatory standards, many municipal authorities are currently dealing with concerns about PFAS. This webinar will help authorities understand:

- What currently proven technologies are available to treat PFAS;
- What the pros and cons are of various adsorption technologies;
- What kind of studies are done to differentiate between different treatment options;
- What factors influence which technologies are best for your situation;
- How engineering designs affect costs and how can you save money; and
- What kind of operational challenges result from the push to treat to lower and lower standards and how to solve them.

During this session, real data comparing GAC adsorption with ion exchange media in a variety of background water matrices will be presented.

We will also discuss the following:



The scale-up of bench and pilot scale data to full-scale systems currently in operation;

- Actual full-scale optimization practices that have been proven and are continuing to be improved; and
- Unique operational challenges associated with adsorbent column design that can impact the potential for cross-contamination during spent adsorbent replacement.

Presenter:

Les Cordone, VP, PE

Parsons

Physical Security from A-Z (1 PDH)

Bob Winters, of the US Department of Homeland Security, Protective Advisor-Pittsburgh District, will provide a presentation on physical security essentials based on his over 300 security assessments conducted during his 15 years with DHS.

His presentation will mostly focus on low-cost/no-cost options and opportunities for consideration. His exploration of practices, policies, and procedures will be beneficial to any site, from those that have only door locks and physical keys to those with sophisticated access control and security camera systems.

This webinar will address the following:

- Significant assets
- Information sharing
- Planning
- Physical security
- Utility dependencies

Presenter:

Bob Winters

United States

Homeland Security



Proactive and Provocative Practices and Policies

The presenters of this session will review issues that Authorities are routinely confronted with, including:

- Land acquisition/easement/condemnation
- Project management complexities – contract bidding, lowest responsible bidders, PA One Call, etc.
- Developer issues – agreements, escrows, bonding, homeowner associations, litigation, etc.
- New and traditional workplace safety concerns.

The discussion will focus on areas of specific risk exposure and proactive, practical and innovative solutions for addressing those concerns.

Presenters:

Christine M. Seymour, Esq.

Law Offices of Christine M. Seymour, Esquire

Romel L. Nicholas, Esq.

Gaitens, Tucceri &
Nicholas, PC



Ransomware/Cloud Computing

If you are not preparing your organization for the growing need for cybersecurity & prevention, it's something that needs to move up on your "to-do" list.

The presenter will provide case studies of real world (and very recent) cyber-crime events within Pennsylvania businesses, including:

- The "costs" of the crime
- What it took to recover from the events
- What could have been done to prevent them from happening to begin with.

If you are not familiar with terms like "phishing" and "ransomware"...you need to be.

This session will help provide you with an understanding of these and other terms, plus underscore how important cybersecurity, layered prevention and employee education are to every organization.

Presenters:

Tim Serbin, Link Computer Corporation

Derek McLaurin, Muni-Link

Jim Rokosky, Muni-Link



Redeveloping a Resilient City

Cost: Free to members; \$75 to non-members

The Johnstown
Redevelopment Authority
(JRA) owns the Dornick Point
Sewage Treatment Plant. JRA
contracts Inframark for daily
operations and maintenance
of the plant, while working
very closely with staff. JRA
sees the importance of utility
needs for economic
development and growth in
our region.



The staff at the plant
continues to create a better
environment for our region and continues to create cleaner
waterways and water.

Presenter:

Melissa Komar

Johnstown Redevelopment Authority

Strategies for Implementing Act 43 Imposing New Requirements for Multi-Family Billings (1 PDH)

Beginning August 29, water and sewer authorities must comply with a new amendment, known as Act 43, to the Pennsylvania Municipality Authorities Act regarding rates for multi-family billings.

The following will be discussed during this webinar:

- Strategies for modifying rules and regulations
- Establishing application and review procedures
- Evaluating data
- Making required adjustments

Presenter:

Russell McIntosh, Herbert, Rowland & Grubic, Inc.



Stormwater Authorities 2.0 – Optimizing Implementation & Programming through the Next Permit Cycle (1 PDH)

Stormwater programs have evolved significantly, since Act 68 authorized the formation of municipal authorities for stormwater management over 7 years ago. This group of presenters will look at the lessons communities have learned as implementation has progressed and will share best legal and engineering practices that are generating success across the state. It will provide a preview of the challenges anticipated in the next MS4 cycle and offer guidance on how to address these challenges as the evolution of stormwater authorities continues.



During this webinar, a number of legal and technical tips will be shared, including:

- How municipalities can streamline costs as Pennsylvania's WIP and MS4 Programs evolve
- Which rate structures gain the best support based upon community makeup
- Credit opportunities which foster community-wide collaboration
- Status of current stormwater fee litigation
- Upfront data development to avoid costly and time consuming property owner appeals
- Education to garner support

Presenters:

Adrienne Vicari, PE, Herbert, Rowland & Grubic, Inc.

Bruce Hulshizer, PE, Herbert, Rowland & Grubic, Inc.

Lee Stinnett, Esq., Salzmann Hughes

Successfully Utilizing COSTARS and Other Procurement Best Practices (1 PDH)

Authorities have options in the purchasing process and these engaging presenters will provide an overview of the COSTARS program, its advantages and its disadvantages, using real-world examples from nearly a dozen projects.

Find out how applying several simple Best Practices, supported by the analysis of over 7,000 PA projects and 31,000 sealed bids, can create conditions that attract more competent bidders while yielding more competitive pricing.

After the webinar, participants will leave with a better understanding of:

- How to identify basic requirements of the public bidding process as it relates to the Municipality Authorities Act
- When using COSTARS can be advantageous versus traditional competitive bidding
- Advantages and disadvantages of purchasing through COSTARS as part of a larger project
- Understanding the analytics from a large population of PA projects
- Implementing a few basic Best Practices that can lead to higher bidder participation, better pricing, and enhanced risk management

Presenters:

Joshua T. Fox

Herbert, Rowland & Grubic, Inc.

John Shaffer

PennBid



Water Terminations: Laws, Policies & Practices, Funding

How do you determine which water termination law you should utilize?

What options are available for collecting payment from one delinquent customer in a multi-unit condo with one meter?

Can we have water turned off for non-payment of a sewer bill if we are not the water provider?



During this webinar, you'll receive an overview of the various statutes dealing with the termination of water service for nonpayment of water and/or sewer bills will also be presented with a focus on which law is applicable under what circumstances.

In addition, examples of proper authority rules and regulations of water termination procedures will be shared.

In addition, the presenters will discuss:

- Water termination laws as they relate to the type of customer (residential property owner/renter) and type of service (water/sewer)
- Water termination policies and practices outlined in authority rules and regulations
- Revised billing approaches as a result of COVID
- New funding opportunity for eligible water and wastewater authority customers (LIHWAP)
- Q&A with PMAA Solicitor - East, Steven Hann, Esq. of Hamburg, Rubin, Mullin, Maxwell, & Lupin

Presenters:

Jennifer Case, Government Relations Liaison, PMAA
Liesel Gross, Executive Director, Lehigh County Authority
Steven A. Hann, Esq., PMAA Solicitor East
Hamburg, Rubin, Mullin, Maxwell & Lupin



**Thank
You!**

...for your continued support
of PMAA!



Have questions?

ota@
municipalauthorities.org



**Do you have an
idea for a future
webinar topic?**

**We would love
to hear it!**



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