

Workshop Speakers

Nicholas Fortsas (Aqua – Aerobic Systems)

***Workshop “A”: True Batch Sequencing Batch Reactor: A flexible treatment solution
Tuesday April 16/24, 9:30 – 10:30 a.m.***

Nicholas holds a B.S. in Chemical Engineering from the University of Illinois Urbana Champaign and has been working in the wastewater industry since 2019. Nicholas is responsible for managing projects in an assigned geographical territory providing technical and sales support and working with multiple product lines from the preliminary stage of a project through the order entry stage. As a Project Application Engineer at Aqua-Aerobic Systems, Nicholas’ primary roles consist of the preparation of equipment and process specifications, reviewing plant drawings and developing equipment proposals. He is also responsible for cultivating projects from initial concepts through detailed design and specification phase and into the equipment procurement phase. He provides technical assistance to internal and external customers to answer questions related to designs and product specific questions.

Jeff Jensen & John Palmer (Mueller)

***Workshop “B”: AWWA DRY BARRELL FIRE HYDRANT: Installation of yesterday& today.
Inspection upon receiving, CLOSED/OPEN. Inspection troubleshooting
Tuesday April 16/24, 9:30 – 10:30 a.m.***

Jeff B Jensen has served the waterworks industry for 23 years along with two prior installing Water & Sewer municipal systems. Mueller is Jeff’s sole employer allowing time for him as volunteer with MPWWA, his roles include facilitator of operator workshops, seminar technical papers, 4 years as Commercial representative and Seminar Sponsor donor.

John Palmer joins us with over 35 years combines experience with Canada’s leading AWWA hydrant & valve manufactures. From his early days in Charlottetown with Jenkins to the last 28 years with Mueller Water Products, today serving as National Technical Representative. John is one of the most experienced waterworks professional in regards to Fire Hydrants, Brass and Iron body Valves.

Julie Stokes (City of Moncton)

***Workshop “C”: City of Moncton – IWA/AWWA Audit(s) benefits & lessons learned
Tuesday April 16/24, 9:30 – 10:30 a.m.***

Julie Stokes is the Supervisor of Water & Wastewater for the City of Moncton, NB where she assists in the supervision of the Municipality’s Water & Wastewater Operations. Since joining the City of Moncton in 2004, Julie has been involved in various municipal capital design projects, hydraulic modeling, uni-directional flushing programs but mostly has supervised the water meter department, managed the AMI replacement program, and led the implementation of the City’s district metering area (DMA) project. As well, she assists with water infrastructure asset management and the development of the annual operating budget. Prior to joining the City of Moncton, Julie spent 3 years working for an Engineering Consultant on various municipal, airport authority and railway design projects. She also spent 4 years working as part of a private consortium that saw the construction of a new 195km four-lane highway through the Province. Julie graduated with honors from the New Brunswick Community College in Civil Engineering Technology-Highways and Municipal. She is a certified Water Treatment Operator as well as a Certified Water Distribution Operator. In 2017, Julie completed her level 300 Incident Command System (ICS) training. Julie has been an active member of the American Water Works Association and the Atlantic Canada Water and Wastewater Association since 2009 and currently serves on the ACWWA Board as the Membership Director. She has also held a position on the ACWWA Education Committee, Technical Paper Chair Committee, participated in various Top Ops competitions (including ACE 2016 Chicago). In 2016, Julie was conference chair for the ACWWA Annual Conference held in Moncton, NB.

Mark Vuksan (Xylem)

Workshop “D”: A Comprehensive Guide to Online Sensors and Analyzers in Wastewater

Tuesday April 16/24, 10:45 – 11:45 a.m.

Mark Vuksan has been a Regional Sales Manager at Xylem for the past 17 years. He has worked together with local manufacturing representatives to help provide consulting engineers and plant operations staff with creative solutions to their most complex water and wastewater challenges. His background as a technical specialist, brings in depth product expertise to real world applications. Mark has had years of field experience working within numerous plants throughout North America both large and small. This has foremost allowed him to apply his knowledge to assist others with their applications and maximize the efficiency of their process and the plants achieve their goals.

Tom Cameron (Aqua Data/Scotia Tech)

Workshop “E”: Unidirectional Flushing-One Component of a Water System Maintenance Program

Tuesday April 16/24, 10:45 – 11:45 a.m.

Tom Cameron is the President / CEO for Aqua Data Atlantic. He has owned the franchise for Eastern Quebec and Atlantic Canada since 1997. Tom co-ordinates and supervises all projects with regards to modeling, flushing, leak detection, hydrant and valve inspection programs, etc... He has been a member of ACWWA, ABEA, MSSA & MPWWA for many years and have served as a board member for ACWWA and ABEA. Tom is also the President / CEO of Scotia Tech Fluid Services, the Sensus Water Meter distributor for sales and service for Atlantic Canada since 1992. Tom has worked in the field for over eighteen years performing UDF work and performing hydrant and valve inspections. He has also worked in the field for over eighteen years performing HWC and flow pressure tests along with fire flow testing. He has performed hydraulic model training for customers throughout Atlantic Canada and worked with the modeling software (AquaGEO) for the past twenty-six years. He has worked on model updates and UDF updates for our customers throughout Atlantic Canada.

Julie Stokes, CET (City of Moncton)

Workshop “F” Ville de Moncton – Avantages et leçons retenues des vérifications de l’IWA/AWWA

Tuesday April 16/24, 10:45 – 11:45 a.m.

Julie Stokes est superviseure de la distribution de l’eau et de la collecte des eaux usées de la Ville de Moncton au Nouveau-Brunswick. Elle aide à superviser l’exploitation des aqueducs et des égouts de la municipalité. Depuis qu’elle est entrée au service de la Ville de Moncton, en 2004, Julie a participé à différents projets d’étude des infrastructures municipales, à la modélisation hydraulique et à des programmes de rinçage unidirectionnel; elle a toutefois essentiellement supervisé les services responsables des compteurs d’eau et des dispositifs antirefoulement, géré le programme de remplacement de l’Infrastructure de mesure avancé (IMA) et dirigé la mise en œuvre du projet des zones de comptage des districts (ZCD) de la ville. Elle apporte également de l’aide dans la gestion des infrastructures d’aqueduc et d’égout et dans l’élaboration du budget annuel d’exploitation. Avant d’entrer au service de la Ville de Moncton, elle a travaillé pendant trois ans au service d’un cabinet-conseil en génie dans différents projets municipaux, d’administration aéroportuaire et de conception de voies ferrées. Elle a aussi consacré quatre années à un consortium privé qui a construit une nouvelle autoroute à quatre voies de 195 km qui traverse la province. Elle est diplômée avec distinction du New Brunswick Community College en technologie du génie civil des autoroutes et des infrastructures municipales. Elle est opératrice certifiée de traitement des eaux et opératrice certifiée de distribution de l’eau. En 2017, elle a terminé sa formation dans le cadre du cours I-300 de niveau intermédiaire sur le Système de commandement des interventions (SCI). Depuis 2009, elle est membre active de l’American Water Works Association et de l’Atlantic Canada Water and Wastewater Association (ACWWA). Elle siège aujourd’hui au conseil de l’ACWWA comme directrice de l’affiliation. Elle a également fait partie du Comité de la formation de l’ACWWA et du Comité des présidents des documents techniques. Elle a participé à différents concours Top Ops (dont celui de l’ACE 2016 à Chicago). En 2016, elle a été présidente de la Conférence annuelle de l’ACWWA qui s’est déroulée à Moncton au Nouveau-Brunswick.

R. David Spencer, P. Eng. (Trihedral Engineering Ltd.)

Workshop “G”: The Impact of Advanced Computing and Industry 4.0 on Decision Making for Water/Wastewater Utilities

Wednesday April 17/24, 8:30 - 9:30 a.m.

R. Dave Spencer – Technical Sales at Trihedral Engineering Ltd, Dave received his degree in Mechanical Engineering from Dalhousie University in 2008 and began his career designing electromechanical transmission and communication components for military and renewable energy industries. His desire to move into a more energetic, responsive, and culturally rich work environment drew him to his current position with Trihedral Engineering

William Jappy (Pure Technologies)

Workshop “H”: Strategies for managing and reducing water leakage across one's water network

Wednesday April 17/24, 8:30 – 9:30 a.m.

Bill Jappy joined Pure Technologies, a Xylem brand company, in 2020 as Business Development Manager- Eastern Canada. He has held similar sales and management positions since joining the industry in 2008 including: PICA Corporation, Inland Pipe Rehabilitation, Pressure Pipe Inspection Company, Wachs and Northwest Pipe. To date he has been involved in over 150 projects throughout N. America (in 15+ states and 8 provinces) and have included: CIPP class IV and class I pipeline installations; Remote Field Transformer Coupling (RFTC) and Remote Field Testing (RFT) inspection, leak detection, Acoustic Emission Technology, Pipeline failure emergency response, unidirectional flushing programs and valve/hydrant maintenance programs.

An author of several white papers Bill has been invited to speak at numerous local, national, and international conferences including ASCE Pipelines, No-Dig, BPIG and ACE.

Matthew Clarke (Xylem)

Workshop “I Intelligent Wastewater Pumps & Pump Station Optimization

Wednesday April 17/24, 8:30 – 9:30 a.m.

Matthew Clarke has worked in the municipal water and wastewater industry in Nova Scotia for 14 years. The focus of work throughout that time has been electric submersible pumps, controls, instrumentation and valves. The key components that make up a typical pump station design. Past work includes extensive on-site startup, commissioning and troubleshooting experience, and in addition, best practice technical implementation and pump selection design theory. Matthew is a graduate of Halifax’s Saint Mary’s University and a member of the MPWWA and ACWWA.

Mike Abbott (CBCL)

Workshop “J”: Sydney Harbour West – CBRM Wastewater Strategy Continues

Wednesday April 17/24, 10:00 – 11:00 a.m.

Dave Galbraith (Sansom Equipment Ltd)

Workshop “K”: VFDs – What Keeps you up at Night?

Wednesday April 17/24, 10:00 – 11:00 a.m.

Dave Galbraith has more than 30 years’ experience in Electrical Industry as a Journeyman Industrial Electrician. Dave has taught Basic Electrical Awareness, Safety, Intro to Motor Controls, Soft Starters and VFDs to members of the MPWWA for many years. Dave has worked at job sites throughout Atlantic Canada (NS, NB, PEI, NFLD and Labrador) in Municipal, HVAC, Food Processing, Paper Mills, Saw Mills, Mining, Power Plants, Fish Plants, etc.

Dave was the local Agent Representative for ABB Drives and Motors in Atlantic Canada for 10 years before relocating to the Alberta Oil Sands to work as an Electrician prior to the recession. Upon returning to Nova Scotia, he worked a term contract as an Instructor for the Nova Scotia Community College

(NSCC) in Halifax for the Electrical Apprenticeship Department before coming to work with Sansom Equipment in Feb 2010... who had been one of Dave's customers beginning in the early 1990's. Dave is currently specializing in ABB Variable Speed Drives Technical Sales, Support and Service for Sansom Equipment throughout Atlantic Canada and is also a member of the ACWWA Board of Directors as the WEF Delegate for Atlantic Canada.

Matt Cavanagh (Atlantic Purification Systems)

Workshop "L": Chemical Metering Pumps: Technologies, Preventative Maintenance Schedules and Lifecycle Optimization

Wednesday April 17/24, 10:00 – 11:00 a.m.

Matt Cavanagh has been a Technical Sales Representative at APS for 7 years supporting pumps, valves, instruments, and various other technologies into the Atlantic Canadian municipal and industrial markets. Matt's background is in Oil & Gas as a centrifuge technician as well as in municipal aquatics recreation for the City of St Albert, AB managing the operation of an extensive and diverse water treatment program. Matt graduated from the NSCC ENTG Water Resources program in 2014.