



**Isabel Tardif, CERIU**

Isabel holds a bachelor in civil engineering from McGill University and a law degree from the Université du Québec à Montréal. She also earned a master in project management from the Université du Québec en Outaouais.

Isabel is a technologies director pertaining to underground infrastructures for the Centre for Expertise and Research on Infrastructure in Urban Areas (CERIU). Prior to the CERIU, she has held the position of operations manager - Potable Water and Sewer Networks for the City of Aylmer, as well as co-ordinator – Potable Water and Sewer Rehabilitation for the Engineering Department for the City of Gatineau. She has been involved in several INFRAGuide committees, the North American Society for Trenchless Technologies and with the CERIU for many years in regards to potable water and sewer underground infrastructures. Isabel has moderated and has given conferences in Africa and in North America on different topics pertaining to potable water, sewer, and trenchless technologies. She currently gives training courses and lectures on trenchless technologies to engineers, technicians, as well as university and college students.

**Kevin Bainbridge, City of Hamilton**

Kevin is a Civil Engineering Technologist having graduated in 1995 from Mohawk College in Hamilton and has worked in the municipal sewer and water industry for the past 12 years. He is a professional member of the Ontario Association of Engineering Technologists and Technicians (OACETT).

Kevin is currently the Senior Project Manager of Subsurface Infrastructure for the City of Hamilton's Infrastructure Asset Management group. He is directly responsible for the management of the City's annual Water Distribution and Wastewater Collection Capital Improvement Program, development and research in trenchless rehabilitation and the life cycle management of the systems. In 2002 he implemented the City's first comprehensive programs in sewer and watermain rehabilitation, which now makes up more than 50% of the total capital improvement program and more than 35,000 meters (115,000 ft) of pipe annually.

He has authored and co-authored a number of papers on various aspects of Infrastructure Management and Trenchless Technologies and spoken at various conferences and seminars on the subject, including NASTT No-Dig, AWWA, CATT, WEAO, ASCE, and Trenchless Road Show.

With the growing infrastructure deficit across North America, Kevin is a strong believer that trenchless rehabilitation is a significant key to the sustainable management of underground infrastructure.

**Derek Potvin, P.Eng., Robinson Consultants Inc.**

Derek is a Project Director with the multidisciplinary engineering firm, Robinson Consultants Inc.. He obtained his Bachelor of Applied Sciences with a minor in business administration at the University of Ottawa. Derek has been providing trenchless technology solutions to his clients for over 20 years, including a trenchless project that won a Canadian Consulting Engineering Award. Derek is actively involved with the No Dig Conference where he co-authored a paper that won an "Outstanding Paper Award" and he is a presenter of the "Trenchless 101" course. Derek has also been involved as an organizer and presenter of NASTT Short Courses and regional trenchless conferences such as the Trenchless Road Show.

**Gerald Bauer, P.Eng., R. V. Anderson Associates Limited**



Gerald is an Associate Director and the Ottawa Office Manager of R.V. Anderson Associates Limited with over 26 years of experience in the fields of municipal and environmental engineering. Over the past 19 years, he has focused on infrastructure rehabilitation, completing numerous infrastructure needs studies in Ontario. He is recognized as a Canadian expert on trenchless technologies for rehabilitation and construction of sewers and water mains and has presented papers on trenchless projects across North America for NASTT St. Lawrence Chapter, NASTT National Conference and CATT. In addition, he was one of a handful of individuals from around the world invited to present Canada's experience on Trenchless Technology in front of a symposium for the Indian National Government and Provincial representatives in New Delhi in 2005 (200 delegates attended). Mr. Bauer is an active member of NASTT and has presented several technical papers and published several articles on projects using trenchless technology. He has provided advisory services for three Value Engineering reviews of large infrastructure rehabilitation projects. In addition, he participated in the development of Guidelines for Condition Assessment and Rehabilitation of Large Sewers (published by the NRC), also was a member of Working Group for the Best Practice report on the Assessment and Evaluation of Municipal Sewer Systems (published by the National Guide to Sustainable Municipal Infrastructure).

#### **Frank Badinski, C.E.T., York Region**

Frank is an Asset Management Coordinator and has worked with the Region of York Environmental Services Department for the past 20 years and now holds the position of Asset Management Coordinator. This position contends with all aspects of the Region's water and wastewater infrastructure. Joined the North American Association of Pipeline Inspectors (NAAPI) in 1995 and presently sits as the Association's Vice President and instructs the Introduction to Data and Asset Management course. This association has closed its doors as of September, 2008 but is still working to finalize all of its activities. Joined the NASTT Great Lakes St. Lawrence and Atlantic Chapter board of directors in 2000 and still sits on the board as the chair of the Education Committee.

He joined the Centre for Advancement of Trenchless Technology (CATT) board of directors in 2003 as the NAAPI chair. Stepped down in 2007 but is still involved in various activities with the association. He has been on the epCIP Committee developing underground infrastructure courses. Also sits as vice-chair on a newly formed sub-committee called Sewer Pipe Industry Management Association (SPIMA).

#### **Mark Bajor, Region of Halton**

Mark is a Design Supervisor with the Regional Municipality of Halton with over 10 years experience in the water and wastewater industry. He has been responsible for the research and implementation of several Trenchless Technology projects utilizing CIPP, Pipe Bursting and Horizontal Directional Drilling.

Mark has positioned Halton Region as a leader and innovator in the Trenchless Technology market. From cement mortar lining to micro-tunnelling, Halton Region has had positive results with many trenchless technology applications. As a result, it allows Halton Region to further investigate and invest in the trenchless technology industry.

He is a member of Ontario Association of Certified Engineering Technicians and Technologists (OACETT), and North American Society for Trenchless Technology (NASTT) and sits on the Executive Committee for West Central Branch of the OPWA.

#### **Jamie Hannam, Halifax RWC**

Jamie is the Manager of Engineering & Information Services for Halifax Water, a position he obtained in 2007. Prior to this he was the Chief Engineer with the Halifax Regional Water Commission from 1994 to 2007. A graduate of Acadia (B.Sc. 1983), TUNS (B.Eng. 1985) and Dalhousie (MBA 1990), he spent the earlier years of his career in Municipal Government in both Halifax and Dartmouth working on a variety of



engineering tasks. In his role as Manager of Engineering & IS he is responsible for water and wastewater infrastructure master planning, asset management, and capital project delivery with an annual capital budget of \$30M.

Halifax Water, a water and wastewater, serving 350,000, with pipes as old as 1856, has utilized trenchless technologies and NSATT resources as key components of our system rehabilitation program for the past 15 years.

### **Sandra Gelly, Genivar**

Sandra received her B.Eng in Civil Engineering from McGill University in 2003. In May 2005, she joined WSA Trenchless Consultants as a project engineer to promote WSA's trenchless technology projects in the Montreal area. She is regularly involved in the site supervision and management of trenchless technology and sewer inspection projects in Quebec and Ontario.

Since April 2006 she has been working on the City of Montreal's intervention plan. Within this team she has helped develop sewer inspection databases, analyzed sewer management tools and identified sewer defects obtained from TV inspections, prepared and managed sewer inspection and water rehabilitation contracts as well as participated in the different engineering committees involved in the project's development.

Sandra has participated in a number of projects and activities for the GLSLA including NASTT Student Chapters in the City of Montreal and the preparation of GLSLA activities in Quebec and Ontario. She is an active member of the Centre for Expertise and Research on Infrastructures in Urban Areas (CERIU) in Montreal. Her training includes sewer defect coding using both NAAPI and NASSCO for which she is a certified user and trainer, respectively.

Her past professional experience include nearly two years as Assistant Technological Councillor in Underground Infrastructures and Public Utilities at CERIU.

### **Ryan Creamer, Region of Niagara**

Ryan Creamer is a Water and Wastewater Capital Works Project Manager for the Niagara Region, he has been in the Water & Wastewater industry since 2004.

Ryan obtained his Bachelor of Civil Engineering degree from Lakehead University in 1999. His first involvement in the water and wastewater industry was for Peel Region in 2000, as a Jr. Construction Inspector. In 2007, Ryan was the Project Manager of the first CIPP Lining project for Niagara Region. He is looking forward to completing additional trenchless projects within the Region.

This is Ryan's first year on the Board. He is ready to expand his knowledge of trenchless rehabilitation. He is also hoping to develop new trenchless (relationships) within and for the Niagara Region.

### **Erika Waite, City of Hamilton**

Erika Waite is a Civil Engineering Technologist having graduated from Mohawk College in Hamilton, Ontario in 2003. She is a Project Manager of Subsurface Infrastructure for the City of Hamilton's Infrastructure Asset Management team.

Erika has authored, co-authored and presented papers for NASST No-dig and CATT. She is responsible for the management of various sewer and water capital improvement projects as well as capital infrastructure co-ordination projects.

