

CANADIAN Pipeliners

THE NEWSLETTER OF THE PIPE LINE CONTRATORS ASSOCIATION OF CANADA



SEPTEMBER 2023 Vol. 38 #3

2023 Associate Member Issue

Student Award Program Now Open • Exciting 2024 Convention Announcement!

PLCAC ASSOCIATE MEMBERS: AN INVALUABLE PARTNER IN OUR INDUSTRY



The Pipeline Contractors Association of Canada (PLCAC) is an organization that represents the interests of pipeline contractors across the country. While the PLCAC primarily serves its regular members who are pipeline contractors, it is equally important for associate members to be part of this association.

Associate members are organizations that provide services or products to the pipeline industry. This includes manufacturers, suppliers, subcontractors, and other service providers. By becoming an associate member, these entities gain access to a wide network of pipeline contractors and have the opportunity to collaborate with them.

Furthermore, the PLCAC provides a platform for associate members to showcase their products and services. The PLCAC has yearly conventions which offer a unique opportunity for associate members to connect with pipeline contractors. This exposure can lead to increased business opportunities and collaborations. Additionally, the PLCAC provides associate members with advertising and sponsorship opportunities, further enhancing their visibility within the industry.

Being part of the PLCAC allows associate members to stay informed about the latest developments in the industry. The PLCAC regularly shares newsletters, and updates on industry news, regulatory changes, and upcoming projects. This information is critical for associate members as it enables them to align their strategies and offerings accordingly. By staying informed, associate members can provide the pipeline industry with the necessary support and possible solutions.

Ultimately, being part of the PLCAC enables associate members to thrive in the dynamic pipeline construction sector.

On behalf of the Board of Directors I would like to thank you all for your continued support and membership in the PLCAC.

A handwritten signature in black ink, appearing to read 'Wes Waschuk', written in a cursive style.

Wes Waschuk

2023– 24 President of Pipe Line Contractors Association of Canada and President of Waschuk Pipeline Construction Ltd.

KEVIN O'DONNELL GUEST SPEAKER AT LIUNA CONFERENCE



Kevin O'Donnell, PLCAC's Executive Director, at the LiUNA Canadian Conference in Montreal, Quebec.

LiUNA (Laborers' International Union of North America) held its Canadian Conference at the Sheraton Centre in Montreal, Quebec in May 2023. Kevin O'Donnell was honored to be one of the guest speakers during the event. Kevin emphasized the importance of PLCAC's initiatives throughout Canada. Also the importance of the relationship the Canadian Pipeline Advisory Council has with LiUNA, the success of joint initiatives on safety, training, and overall construction efficiencies.

PLCAC ASSOCIATE MEMBERS – AN IMPORTANT PART OF THE PLCAC

An Associate Member of the PLCAC is defined in the Pipe Line Contractors Association of Canada By-Laws as:

Any supplier who is an individual, firm or corporation engaged in the business of manufacturing, selling, renting or transporting of materials, supplies, equipment, insurance or bonds for the construction or maintenance of pipelines shall qualify for consideration as an associate member.

Currently, the PLCAC has 96 Associate Members. All Associate members are important for our industry because no construction, service or maintenance project can be successful without the latest equipment, technology, business tools and direction of the Associate members. They help in completing the projects safely and efficiently.

There are many benefits of being a PLCAC Associate Member:

- Promoting your company in the newsletter, membership directory, website and at the AGM and convention
- Access to exclusive future mainline, maintenance and distribution pipeline project information
- Promoting your company and products in the PLCAC "Associate Member" fall Edition of the Pipeliner
- Invitation to attend the PLCAC AGM and Convention which offer great networking opportunities with senior management of pipe line construction companies and owner clients

The Pipe Line Contractors Association of Canada would like to thank the Associate members for their continued support and membership.

Son or daughter attending college or university?
Go to www.pipeline.ca to learn more.

Pipe Line Contractors
Association of Canada

Student Award Program

**Investing in education
is important.**

Your son or daughter may qualify
to receive money towards their
education.

If they are enrolled in a full-time
program leading to a diploma or
degree and you have a history of
working with a PLCAC member,
apply before **October 13, 2023**.
Post-graduate students may also
be considered.

For more information visit
www.pipeline.ca, awards section
or contact Pipe Line Contractors
Association of Canada at
plcacstudentawards@pipeline.ca
or 905-847-9383.

Don't miss out!



**Apply now for the
2023-2024 School Year!**
Deadline: October 13, 2023



www.pipeline.ca

REMEMBERING WILLIAM WASCHUK



William Waschuk, the father of the current Pipe Line Contractors Association President Wes Waschuk, sadly passed away at the age of 90 on August 28, 2023.

William was the founder of Waschuk Pipe Line Construction Ltd., one of the largest family-owned pipeline construction companies in Canada for more than 50 years. He was a major part of the success of the PLCAC and the Canadian Pipeline industry.

William was “larger than life” and is remembered as the “life of the party” to all his family, friends and employees. He was a humble man who was respected by all who worked for him because he treated everyone equally.

William became an honorary member of the PLCAC in 2003.



PLCAC Welcomes 2 New Members

PLCAC Board of Directors have recently approved membership applications from two Regular Members. We welcome these new members to the PLCAC!



2XL Transport Ltd., based in Edmonton, AB, provides transportation (flat deck and heavy haul), and access solutions (supply, transport and hauling of access mats, rig and crane mats). For more information, contact Marko Valentic at 1-780-994-4286 or visit www.2xltransportltd.com



Fox's Transport Ltd., located in Armstrong, BC, provides heavy haul and other transport services. For more information, contact John Leask at 1-587-899-3434 or visit www.foxstransport.com



New Advances and Innovation in Equipment

The September edition of the Canadian Pipeliner provides an opportunity for PLCAC Associate Members to submit information about new advances or innovations in equipment, services or procedures as they relate to the pipeline construction industry.

The following pages contain this year's submissions. We thank our Associate Member participants for bringing our readers new and useful information.

Note: All information in the following section is provided by Associate members and the PLCAC assumes no responsibility for the content.

CASCADE GEOTECHNICAL



Supplying Pipeline Industry since 1981

Canadian owned and operated company that strives to provide excellent service and deliver high quality products when you need them.

Several years ago, we responded to requests for Biodegradable Silt Fence. We experimented with our biodegradable woven geotextile and then manufactured our own product that is both environmentally friendly and eliminates the need for removal at the end of the project. This product also nicely compliments our line of biodegradable blankets and wattles.

Following on customer's needs also applies to the Dewatering Bags we manufacture in house. While we stock an array of sizes as large as 15'x20', we can make larger sizes based on customer's requirements.

Products we supply to the Pipeline Industry

- Biodegradable Silt Fence
- Erosion Control Blankets, Wattles and 6" or 12" Wood Stakes
- Custom Made Gabion Baskets and Mattresses
- Custom Made Silt Bags
- Safety Fencing, T-posts, Pullers and Pounders
- Traditional and High Strength Geotextiles & Geogrids
- Casmat – Biodegradable Geotextile used for temporary roads

For more information, please call 780-454-2400, or email Lander Denman at ldanman@cascade.ca or visit www.cascade.ca



CONTRAC EQUIPMENT LTD.



Pipeline Heavy Equipment Rentals

ConTrac Equipment Ltd. has extensive experience providing heavy equipment for various pipeline projects, whether it be small or large scale.



With our recent acquisition of Prairie Water & Equipment Sales Inc., we have further increased the scope of our fleet and are now providing land & environmental remediation and reclamation equipment rentals.

We can supply you with unique specialty pieces all the way to complete spreads.

We can source and supply you with brand new equipment, and we'll customize your package to whatever you need. We can structure straight rent, rent to own or purchase options.

We're involved and committed right from the planning stages, all the way up to job completion; providing unparalleled customer service through-out.

We have experience in small inch lines and tie ins, all the way up to large inch multi-billion-dollar projects. Additionally, ConTrac Equipment Ltd. offers premium used heavy equipment sales, agricultural equipment sales, and heavy truck & trailer sales.

ConTrac's sister company EnerTrac Power Solutions provides premium generator rentals to our clients.

Call or email today with all your inquiries. We look forward to working with you!

Michael Karczmarczyk: michaelk@contraceq.ca or 780.405.6496

Jeff Hayward: jeffh@contraceq.ca or 780.916.5005

CROSS COUNTRY CANADA SUPPLIES & RENTALS INC.



We are very proud to announce that we are now the Western Canadian dealer for Denso! Cross Country Canada has always been committed to providing top-quality products and services to our valued customers. Denso, a leader in corrosion prevention and sealing technology, is renowned for its innovative solutions and cutting-edge advancements in the field. By partnering, we strengthen our ability to deliver industry leading corrosion prevention and sealing technology to meet the diverse needs of the businesses we serve.

With an extensive range of custom solutions, Denso products cater to the unique requirements of various industries, setting the standard for excellence in corrosion prevention.

Pipeline coating solutions are only one of the many available options and are offered in a full range of fast cure, high build epoxies for a variety of above and below ground corrosion prevention applications.

PROTAL Protective Liquid Coatings – high build/fast cure, fast cure/low temperature, high temperature, environmentally friendly, or moisture tolerant - with a variety of easy application options (brush, roller, or spray).

- Fast cure
- High build
- Outstanding cathodic disbondment results
- Compatible with cathodic protection currents
- Excellent adhesion (compatible with FBE pipe)
- High abrasion, gouge, and impact resistance for directional drilling applications
- 100% solids (no solvents)

Cross Country Canada's Denso Coatings * PIPELINE * OIL & GAS * WASTEWATER * MARINE * UTILITIES * ROADWAYS * whatever your requirement, we have you covered!

For more information, visit www.crosscountrycanada.ca.



DYNAMIC LEASING



Dynamic Leasing specializes in innovative fleet management and vehicle leasing solutions for short and long-term needs.

Our committed team, equipped with years of industry expertise and an array of resources, offers a broad spectrum of equipment and leasing options. At Dynamic, our focus is on delivering cost-effective solutions designed specifically around your unique needs and terms. Our versatile leasing programs can be customized to perfectly accommodate your distinctive projects, contracts, or seasonal demands, providing the flexibility for your fleet to expand or contract as necessary. Furthermore, our leases can be specifically tailored to align with any project size while catering to your company's unique tax, accounting, and cash flow requirements.

Choosing Dynamic Leasing for your project and short-term needs eliminates the hassles of purchasing, maintaining, licensing, monitoring, and disposing of vehicles. In addition, we simplify the procurement of additional vehicles, ensuring smooth and efficient fleet expansion.

Trust Dynamic Leasing to deliver exceptional vehicle leasing and fleet management solutions, designed with your business's unique needs at the forefront.

For more information, contact Michael Mastromarco at mastro@dynamicleasing.com.

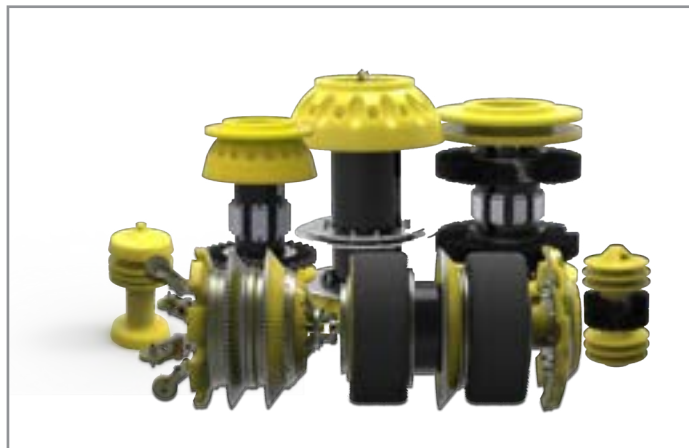
ENDURO CANADA PIPELINE SERVICES, INC.

Mechanical integrity a primary focus for construction contractors and pipeline operators, whether building a new pipeline or replacing a few hundred meters.

Since 1998, Enduro has inspected pipelines around the world with our DdL™ caliper tool technology. Our new fleet of DdL-DW2™ tools, ranging from 6" to 48" in diameter, continues our tradition of providing robust and reliable tools. Each DdL-DW2 tool, with at least two caliper arms per inch of pipe diameter, is equipped with an onboard inertial measurement unit for accurate feature and anomaly location information. The inertial data can also be used to map the plan and profile of the pipeline. These tools are ideally suited for running in either post-construction or in-service pipelines, delivering accurate and reliable information.

Enduro is also an industry leader in the provision of cleaning pigs. Our vast array of designs ensures that we deliver the right pig for every project.

For more information, please contact Chris Hallam at 587.441.0544, chrish@enduropls.com, or visit www.enduropls.com.



GREAT WEST EQUIPMENT



Are you worried that your collision avoidance system cannot handle the complexities of your operation? Are you tired of constant false alarms or system reliability increasing risk?

The cost of an accident to any business is severe. DotNetix object detection machine vision reduces risk where machines and pedestrians interact. The SAFEYE system drastically reduces fatalities and injuries on industrial sites, while training operators to operate safely and efficiently.

Dotnetix SafEye uses artificial intelligence to accurately detect objects and risk in highly mobile environments. Not only does it understand the difference between people and vehicles, but it can assign a risk profile to take direct action and stop your machine before the interaction occurs. Our AI algorithm can detect not only pedestrians and machines, but also infrastructure, voids, berms and provides roll-over detection for your heavy equipment.

DotNetix has been leading the development of intelligent long range camera systems for industrial applications through innovative technologies. DotNetix is committed to increasing the safety of workers in their working environments whether operating in pipeline, mining, industrial or construction.

For more information, contact Maggie Hyatt at mhyatt@gwequipment.com.



HUB EQUIPMENT



Hub is proud to announce the arrival of its new compact articulated Hydrema dumptrucks .

These small agile and robust dumptrucks are found worldwide having been launched in 1983.

Hydrema trucks really shine in poor ground conditions and tight spaces; the oscillating center pivot ensures stability and optimal weight transfer while offering a tight turning radius and excellent traction.

Additionally, it boasts novel features like the swiveling dump body allowing it to work in really restricted space configurations. Its superior power-to-weight ratio provides a very low ground pressure that is well suited to the demanding conditions found on pipeline right of ways.

The dumptruck can turn the body 90 degrees to each side and deliver the payload anywhere desired in that 180 degree zone with high precision. Strong Cummins power ensures great torque while high mobility results from center pivot steering and hydraulic stabilizers.

In short, Hydrema trucks feature high power, low weight characteristics that ensure reliability and efficiency year after year.

For more information, visit www.hubequipment.com or call 416-236-5444.



LINK-BELT EXCAVATORS



Link-Belt Excavators is a leading manufacturer of construction equipment, offering powerful, fuel-efficient excavators for challenging pipeline operations. Our technological solutions not only tackle regulatory changes but also help to reduce operating costs.



- Increase productivity by up to 50% with Precision Grade®. View bucket position relative to the desired grade and achieve greater productivity through more precise and accurate machine operations.
- Monitor and track your machine's location, fuel, operational performance, working status, and periodic maintenance requirements with RemoteCARE®.
- Observe a seamless 270° birds-eye view around the cab with WAVES®, increasing job site safety.

Every customer is provided with a superior experience, from the initial purchase to ongoing maintenance and support. For more information or to find out about our new X4S line of excavators, please call 780-499-0064, email Steve Boyd at sboyd@essltd.com, or visit <https://www.essltd.com/>. Or call 418 248-0955, email Julie Bossé, or visit <https://bosse-frere.com/>.

Link-Belt Excavators is a proud Associate Member of the PLCAC.

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Join us for the
PLCAC'S 70th
Annual General
Meeting &
Convention
in Niagara Falls

Sheraton
Fallsview
Niagara Falls, ON
May 12-16, 2024

MVS ALUMINUM TRENCH BOXES IDEAL FOR MAINTENANCE WORK



Mountainview Systems Aluminum modular trench boxes are a customizable solution to help integrity/maintenance contractors deal with the increased difficulties of today's congested work sites. There are multiple accessories that can be

added to these including high arches to allow for 68" of pipe clearance and sheeting guide frames which allow the contractor to safely shore around different pipe diameters creating either a 3 or 4-sided boxes.

TRENCH SAFETY AWARENESS TRAINING

MVS has developed a Trench Safety Awareness and Duties of the Competent person training that is customizable and ensures that employees working with trench boxes and around excavation sites have the proper knowledge to do so safely. The main highlights of this course are as follows.

- Familiarization of Trench Safety
- Review of OH&S/Worksafe Standards
- Duties of the Competent Person
- Shoring and Site Pre-Inspection standards
- Recognition of common hazards & standards that apply
- Soil classification
- Selection and use of proper protective systems
- Assembly and Disassembly of Trench boxes



For more information visit www.mvs.ca or contact Courtney Gehring, courtney.gehring@mvs.ca or 780-699-7270.

SPECIALTY POLYMER COATINGS

SP-8888 is coming shortly!



Are you tired of dealing with the challenges of applying coatings on wet and damp steel surfaces? Specialty Polymer Coatings SP-4888 is here to revolutionize your steel surface protection experience.

Designed with precision and expertise, SP-4888 is specifically formulated to excel in the application on wet and damp steel surfaces. Its

unique composition allows for seamless adhesion, ensuring a durable and long-lasting protective layer. But that's not all – SP-4888 is also highly versatile and can be applied to dry steel surfaces, providing unmatched convenience and flexibility.

SP-4888's material has been specified by industry leaders, making it the go-to choice for steel surface protection in various applications. With SP-4888, you're investing in a trusted and proven solution. It meets the stringent requirements of CSA Z245.30, guaranteeing compliance with industry standards. Choose Specialty Polymer Coatings SP-4888 and experience the difference firsthand. Elevate your steel surface protection to new heights with SP-4888.

Our team of experts is ready to assist you! Visit www.spc-net.com or call 604-514-9711.

SPY INSPECTION EQUIPMENT



SPY Inspection Equipment is a leading US manufacturer of SPY® brand coating, foil/film and geomembrane inspection equipment, jeep meters (high voltage meters) and pig tracking equipment serving oil and gas, coating, lining/film industries.



For over 70 years, SPY® Holiday Detectors have been utilized on projects around the globe to inspect coatings on bridges, storage tanks, pipeline, wind turbines, etc. We set the standard for having the toughest, most reliable equipment in the field, manufacturing facility or anywhere else our equipment is put to the test.

All SPY® brand products are highly regarded by many in the energy industry as best in class. Not only do we offer superior manufactured equipment & accessories, but we also offer exceptional service and support to our customers. The SPY® brand has continued to grow since its inception in 1953 becoming a global brand with distributors located worldwide.

For more details on SPY® products and our complete line of equipment please call 713-681-5837, email sales@spyinspect.com or visit our website www.spyinspect.com.

TOTAL RENTALS



Here at Total Rentals, we've been serving the pipeline industry for over 25 years!

We offer quality pipeline equipment rentals!

Our site cleanup equipment rentals include track loaders with forestry mulchers, Bobcats, wheeled excavators with mulchers or tilt buckets, excavators, rock pickers, dump wagons, and so much more.

Our site remediation equipment rentals include disks, rippers, cultivators, rock pickers, seeders, tractors, and more.

Our site access equipment rentals include Gators, Argos, commercial snowmobiles, and more.

We're also proud to be a Fat Truck dealer, offering the best industrial off-road utility vehicle in the industry. (www.totalfattruck.com)

Visit www.totalrentals.ca for more information, or contact us to obtain a quote for your next project by calling 1-519-449-2200 or emailing geraldine@totalrentals.ca.



UT QUALITY INC.



UT Quality Introduces the New Matrix UT system to its fleet for Pipeline Inspections

UT Quality is now offering the next generation of pipeline girthweld inspections with the newly acquired Matrix UT system by Argus NDT. Matrix UT is an all-in-one advanced phased-array and data analysis system designed to meet the evolving needs of offshore and onshore pipeline inspections.



The new system enables UT Quality to offer:

- zonal PA inspection, FMC inspection, or a combination of both
- highly accurate identification of flaws and discontinuities utilizing FMC and TFM data modes
- real-time data analysis and super-resolution TOFD
- customized detailed reports with visual data charts and graphs using the Matrix DS software

The latest technologies implemented in the Matrix UT, including FMC, TFM, and PCI, ensures not only improved defect detection and characterization but also greater operational efficiency and flexibility. The system is currently being tested for qualification at a major customer site before being offered on new projects. UT Quality is on track to deliver the new Matrix UT system on pipeline construction projects in the spring of 2024.

For more information, visit www.utquality.com or call 780-485-8500.

VIKING MAT COMPANY



Let us lighten the load! Viking Mat Company is one of the largest suppliers of timber mat products in North America and has been in the forest products industry since 1910. Our knowledge of the lumber and mat markets throughout North America can help your company save money. With the help of our in-house Logistics Team we can make sure your project goes smoothly and gets completed on time. We work with both new and used mats and can provide a wide variety of options such as rental, rent to own, purchase, and even a purchase with a buyback option.

We can also provide additional services such as mat placement and staging on the right of way or jobsite yard. We also offer mat grading services when the mats are done being used on a given job. Viking Mat will execute on jobs of all sizes. Don't hesitate to reach out to us today!

For more information, please call 1-800-733-3801, email Ryan Duncan at ryand@vikingmat.com or visit www.vikingmat.com.



WAJAX



Wajax, an industry expert, helps pipeline contractors across the nation through a range of top-quality construction machinery.



Operating as the exclusive dealer of Hitachi products across Canada, Wajax offers a full range of new and used construction machinery, including the KTEG Multicarrier Excavator built using Hitachi's platform and technology. With a wide range of selectable booms, these excavators stand out with their quick connect attachments, including pipe layers, offering immense flexibility for your operations. The ability to change from excavator front (boom, arm, and bucket) to pipe layer front in under 5 minutes, enhances efficiency and downtime.

Alongside this, Wajax also offers Bell articulating dump trucks, and a full line of Tigercat forestry and logging equipment, Wajax has a catalogue of product lines that can help any pipeline professional tackle the toughest projects and challenges in the industry.

With over 100 branches across Canada, there are always nearby, available technicians ready to offer guidance, service, and/or parts delivery, ensuring maximized runtime with minimal downtime. So if you're looking to upgrade on to the newest equipment or looking for a new addition to the equipment inventory, reach out to your local Wajax expert today or visit www.wajax.com.

X/CELERANT CONSULTING



"Driving change is easy" – says no one ever.

X/Celerant Consulting is a boutique management consulting firm focused on accelerating operational & financial performance by partnering side by side with clients driving true, lasting change. We bring the horsepower, speed, and certainty that our clients need to get over that hill they know they need to climb. Solutions are customer driven, flexible and scalable with an attractive ROI.

X/Celerant brings 30 years of deep experience and expertise in Construction, Manufacturing, Chemicals, Mining and Oil & Gas. We focus on improving Communication, Organization, and Execution to achieve the desired behaviours and thus required operational & financial outcomes.

Within the Construction landscape, clients call us when they need a cold eyes review and assistance in:

- Assessing and validating operational gaps and opportunities
- Upskilling Front Line Leaders with the necessary skills needed on complex contract
- Improving Direct Labour Productivity
- Improving Schedule Attainment to Avoid Penalties in a Fixed Price Project
- Realigning the Organization to better fit the current and future needs of the business
- Developing & documenting standards to improve time to proficiency for newly hired talent
- Improving Safety Excellence & Culture
- Reducing SG&A costs
- Assisting in a Claim helping with the necessary Project Controls documentation

For more information, call 519.497.6646, email Atul Kohli at atul.kohli@xcelerantconsulting.com or visit www.xcelerantconsulting.com.

PLCAC INCIDENT RE-ENACTMENT LEARNING VIDEO SERIES

The Pipe Line Contractors Association of Canada is pleased to announce the release of five animated videos that showcase some of the safe work practise needed for various types of work we perform.

These were developed in collaboration between: the PLCAC standing Safety Committee, our Contractors, and the Canadian Pipeline Advisory Council (CPAC). This collaborative work is a great example of how we thrive to enhance our safety programs and show the strength of our unionized partnership, which differentiates what we offer clients from our non-unionized competitors.

The production of each video takes approximately two months which involves meetings, reviews, and feedback sessions to get to a positive outcome of each video. We would like to thank the Safety Committee, the PLCAC member companies and CPAC for their contribution to the development of these learning videos series.

You can watch the videos at www.pipeline.ca or visit the Pipe Line Contractors Association of Canada's YouTube channel.



The Pipe Line Contractors Association of Canada
is excited to have its
*"Platinum" 70th Annual General
Meeting & Convention*
at the Sheraton Fallsview Hotel
in Niagara Falls, ON



Niagara Falls, Ontario is a major tourist attraction in the
world for many reasons, one being the Falls,
which is the 2nd largest waterfall in the world.
Its name, which comes from the word
"Onguiaahra" means "thundering waters".

Niagara Falls is a destination not to be missed!

Action Dates

2023

Australian Pipelines and Gas Association
(APGA)

55th Annual Convention

Perth, AU

October 14 – 17, 2023

www.apga.org.au

2024

21st Annual BC Natural Resources Forum

Prince George, BC

January 16 – 18, 2024

www.bcnaturalresourcesforum.com

Pipe Line Contractors Association (PLCA)

76th Annual Convention

Grand Hyatt Baha Mar

Nassau, Bahamas

January 30 – February 3, 2024

www.plca.org

Distribution Contractors Association (DCA)

63rd Annual Convention

Kohala Coast, HI

February 12 – 17, 2024

www.dcaweb.org

Pipe Line Contractors Association of
Canada (PLCAC)

70th Annual Convention

Sheraton, Niagara Falls, Ontario

May 12 – May 16, 2024

www.pipeline.ca

**PLCAC Newsletter front photo acknowl-
edgment: Terrapro Inc.*

Canadian Pipeliner

The newsletter of the
Pipe Line Contractors
Association of Canada

Reproduction of material is encouraged. Please
acknowledge the *Canadian Pipeliner*.

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Oakville ON L6M 2G2

Tel: 905-847-9383

Fax: 905-847-7824

Email: plcac@pipeline.ca

Website: www.pipeline.ca