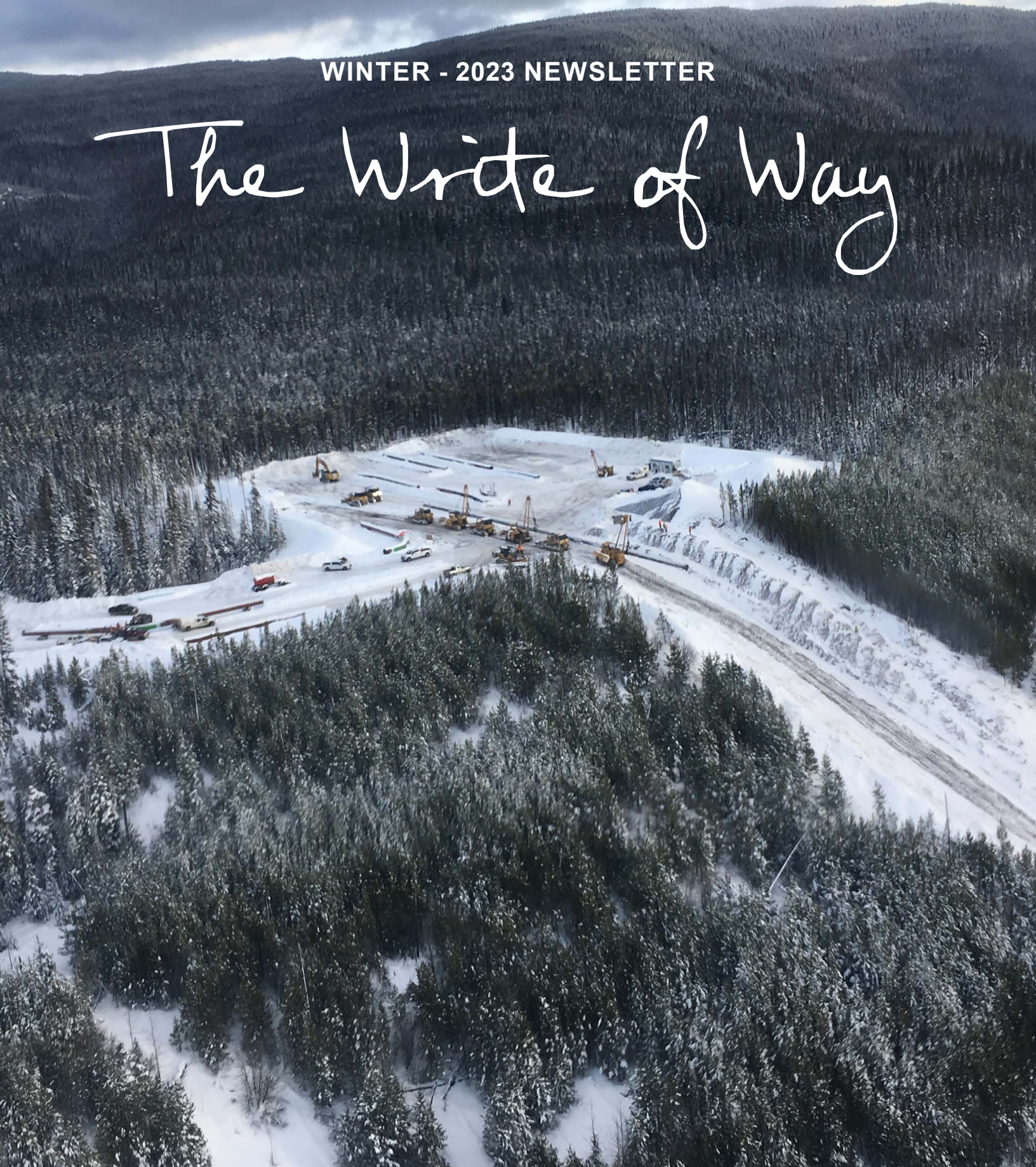


WINTER - 2023 NEWSLETTER

# The Write of Way



# MICK'S UPDATE



Dear Team,

It feels like a long time ago now, but it was only a few short months ago that we started the year off with 'Fresh Start' safety meetings at each project site. These are among my favourite meetings all year because I get to see everyone working on our projects at all our sites. It is also a chance to collectively refocus our thoughts on safety.

I am grateful for all the hard work everyone does and our ability to deliver to our client expectations, but our successes will not stand on their own if we don't work safely. At Fresh Start, we give each other a chance to internalize the importance of working safe in our own way while committing as a team to working safely.

We have also started the year off with good news—we have been formally awarded two TC Energy NGTL projects, the Saturn section of the Groundbirch Mainline Loop Expansion Project (22.9km of 42-inch

diameter pipeline, located in northeast BC) and the Lundbreck section of the Western Alberta System Mainline Loop No.2. (7km of 48-inch pipeline, located in southwest Alberta).

Being awarded repeat work from a client is the ultimate compliment. In this case, TC Energy brought us back for these two new project scopes. I believe this is because of our focus on our values—Never Harm, Trust, Integrity and Assured Delivery. When we work intentionally with these values in mind, we construct reliable world-class products safely and exceed client expectations.

Thank you all for your hard work,

**Mick Fitzpatrick**  
**President, Surerus Murphy Joint Venture**

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# FEATURE & INNOVATION HIGHLIGHTS

## Innovation Shines Through

**Innovation refers to a new idea, method or device; it can also mean reinventing an idea for a positive change and rethinking the use of an existing product, idea or field.**

To be innovative and create solutions for timeless problems, sometimes you need to take a step back and see how you can maximize the value of what you have before you. At Surerus Murphy, we are willing to go the extra mile, reassess, and think outside the box to build solutions for problems. We invest in innovative technologies and new ideas that positively change how we do business. That is why we created a solar seacan.

The solar seacan is a solar-based hybrid power facility with a 20kW solar array and a 55kWh battery bank mounted on a 53' seacan. During the summer months, the seacan can be the primary power source for a warehouse or facility. While in the early spring, late fall, and winter months, when sunlight is not as abundant, it can operate in a hybrid system alongside a traditional diesel generator, reducing the generator's load. Surerus Murphy Sustainability Manager Derek McLean explains why this project is important:

"We are always seeking solutions to reduce our emissions, so once we imagined a prototype, we knew this project had legs. The prototype we built in Dawson Creek using an old seacan provided remote monitoring, controls and data collection, enabling us to optimize its performance and assess its use on future projects. We are looking forward to maximizing the value of this innovative solution."

This approach compliments many other strategies Surerus Murphy implements to reduce waste and emissions, including idling reduction programs, recycling programs, trialling new products with high-recycled content, and leveraging energy-efficient equipment.

"We estimate that a solar seacan alone will help avoid over 35,000kg of CO2 from entering the atmosphere," said Derek. "We are dedicated to reducing our emissions while remaining committed to supporting our clients to reach their carbon reduction goals."

Surerus Murphy will continue to support all aspects of construction in the net-zero energy future.



## Opportunities Abundant for Engineers at Surerus Murphy

**Engineers at all levels in their careers are joining Surerus Murphy because we offer training, career growth, mentorship programs and exposure to legacy projects.**

Joe Gay, Engineering Manager at Surerus Murphy, explains: "We are an attractive place for engineers at all levels, particularly those seeking their designation. With the scope and scale of our projects, we provide wide exposure to major and mega projects along with a strong mentorship program. In addition, our team of Professional Engineers (P.Eng) is hands-on with Engineers in Training (EIT), ensuring they receive excellent training and exposure to key competencies."

At Surerus Murphy, professional engineers lead the way using their education and training to apply the scientific method and outlook to analyze and solve engineering problems.

At the same time, those seeking their professional designation can gain exposure to key competencies and the opportunity to secure validation from P.Eng. supervisors, both of which governing bodies look for when evaluating P.Eng. applications.

Building legacy pipeline projects and expanding work in the infrastructure division provides many opportunities for engineers at Surerus Murphy. While many engineers see achieving a P.Eng. designation as one of their main career goals, a goal Surerus Murphy supports, Surerus Murphy also works to ensure professional engineers see Surerus Murphy as an attractive place to continue developing their careers and skillsets.

"If you develop good people, good work will follow. Surerus Murphy's technical team members receive on-the-ground training, plenty of fieldwork opportunities, and meaningful exposure to legacy projects in Canada. We are eager to support their development as engineering professionals, knowing we can retain top talent in the next generation of professional engineers."

It's a win-win for engineers and Surerus Murphy. Building staff from within is an integral aspect of our core value of Trust. Surerus Murphy currently has thirty full-time technical staff members, of which fifteen are engineers at various career levels.

# EMPLOYEE SPOTLIGHT

## Keaton Pietersma

Keaton Pietersma recently gained his Engineering designation, graduating from Engineer-in-Training (EIT) to Professional Engineer (P.Eng), while working for Surerus Murphy. Keaton has moved around to different projects while working for Surerus Murphy the past two years, holding increasingly senior roles. He is currently working on the NGTL projects in the north of Alberta and BC.

### How did you end up pursuing engineering as a career?

I was always interested in math and science and loved solving problems. I am also a big sports guy and love team settings; fittingly, this led me down the path toward a career in engineering.

As I grew older, I pursued Engineering at the University of Alberta, and at the mid-mark, I accepted an internship at TC Energy as an Engineering student. This internship spiked my interest in field-based pipeline work, and I knew I was on the right path.

Following graduation, I moved to Calgary to work for an engineering design firm as a Pipeline EIT. In 2021, Surerus Murphy was looking for engineers. I jumped at the opportunity to join the organization. It has been a rewarding experience so far.

### What attracted you to work for Surerus Murphy?

I knew I wanted to add the engineering professional designation to my title, and I also knew I needed to expand the scope of my experience to reach this goal. Surerus Murphy allowed me to get out into the field, be more hands-on and develop a better understanding of pipeline construction processes and constraints.

I love seeing a design through to the finish line, and with Surerus Murphy, I have the opportunity to support project teams through the complete process of the execution of projects. Nothing feels better than seeing the design work turn into a successful product.

### Take us through your journey with SMJV; what stands out for you?

My first project with Surerus Murphy is memorable. Immediately after being hired in September 2021, I joined the Elk River Project as it was mobilizing. Working on this project from start to finish finally gave me hands-on experience, and I could see the results of our work.

From the get-go, I had the opportunity to learn and provide input while also being free to work on specific tasks independently to grow my confidence and comfort levels. All the while, I had support from senior engineers whenever I needed it.

I also like my current role. I am a Project Engineer supporting Sunrise, Saturn and Bear Canyon in the Peace River Region, and I love it. I provide expertise on multiple projects and continue to grow my experience.

### How has Surerus Murphy supported you as you sought your professional designation?

With the Association of Professional Engineers and Geoscientists of Alberta (APEGA), you need four years of experience and must prove 22 key competencies. Before joining Surerus Murphy, I had nearly attained my four years of experience, but I needed exposure to more competencies.





In my first six months at Surerus Murphy, I developed problem-solving skills on project and design constraints. I was also exposed to regulatory reviews, procedures and specifications and ensuring compliance, which allowed me to develop skills in reviewing and understanding documentation, developing execution plans, and identifying areas of concern/project constraints.

In addition, I had support from the leadership team, including established P.Eng leaders, who are mentors to the EITs. P.Eng Bryan O'Sullivan is my mentor and he has been instrumental in my career development. From reviewing my work and providing feedback to allowing me to work on tasks individually and develop my skills. He is supportive and easy to talk to, and I can lean on him for any questions openly and transparently; as a result, my competencies developed, and I gained a friend and a great boss.

### **Now that you are a P.Eng, what makes you want to stay with Surerus Murphy?**

Hands down, I want to stay here for all the great people I work with on a daily basis. Everyone is so easy to get along with, and even though everyone works hard, we are always cracking jokes around the office and having a laugh. It's a very enjoyable place to go to work. The project teams are supportive, and we work well together as a team. The work allows me to continue to challenge myself and develop professionally.

### **What advice would you give someone looking to take on their P.Eng designation?**

Utilize the team around you and do not be afraid to ask questions, no matter how foolish you think it may be. Nobody expects you to know everything. Speak up if you are unsure. Also, I would advise them to continue to challenge themselves, which sometimes means stepping out of your comfort zone. Finally, be humble and own your mistakes; everyone makes mistakes, but you need to learn from them and improve to be successful.

**“I want to stay here for all the great people I work with on a daily basis.”**

### **Now that you have completed your designation, you likely have a couple of extra hours to yourself; what are you doing for fun to unwind?**

I recently got engaged. Spending time with my lovely fiancé, planning our future and building my first home keeps us occupied. I also enjoy spending time with my other family members and friends, and skiing and golfing.

I enjoy watching sports, especially hockey. Being from Edmonton, I am an Oilers fan. Watching the Oilers knock out the Flames last season was a highlight that led to some fun chatter in the office.

### **What is next for you?**

I plan to continue to grow my career as an engineer and hopefully move into a leadership role where I can mentor up-and-coming engineers. I enjoy working with people and building relationships, and one day may lean towards more of a project management position.



# Pilot Ken Shearer Helps Surerus Murphy Grow Wings

Inspired by airplanes flying over his family farm, Surerus Murphy pilot Ken Shearer always dreamed about venturing to distant places. Growing up close to Debert Nova Scotia Air Force Base, Ken was fascinated with flying from an early age. He recalls a conversation with his mom explaining his interest in planes, and with inspiring enthusiasm, she ignited his imagination by exclaiming, “the Queen might be on one of those; you just never know.”

After graduating high school in 1969, Ken hit the open road driving a 1968 Chevrolet Beaumont SDS. He ventured across the Canadian landscape, packing only his suitcase and his heart to head west. Soon after his arrival, and as fate would have it, Ken was sitting in his first-ever airplane flying to the Yukon Territories to work on the drilling rigs. While waiting to board the plane, he looked around the airport, wondering what inspiring person he might see, and he could not help but think of his mom and potentially sighting the Queen.

“It makes me laugh because Brian would ask me what I was buying, I would turn around, and he would buy it for himself.”



One afternoon in 1974, while skimming through the newspaper, an article featuring a flight school caught his eye. Ken wasted no time and signed up right away, and six weeks later, he took to the skies.

A quick learner and hard worker, Ken soon graduated and found himself flying across Canada, seeing running prairies, epic sunsets, and imposing mountains.

Thousands of hours flying above the clouds has provided Ken plenty of stories to tell his friends and family. Prior to flying for Surerus Murphy, Ken flew as a hobby and once upon a time had the chance to fly skydivers—an experience that stands out in his mind.

“What made it unusual and interesting for me as a pilot was taking passengers in an aircraft with no door. But then, watching them jump out of an aircraft and then having to land with nobody left inside the plane seemed to go against my training to bring all passengers to their destination safely in their seats.”

Ken met Brian Surerus, founder of Surerus Pipeline Inc. in 1988, starting a longstanding friendship.

Brian and Ken used to go to auctions together and Ken remembers those days fondly. He recalled some trouble beating Brian to the auctioneer at times.

“It makes me laugh because Brian would ask me what I was buying, I would turn around, and he would buy it for himself.”

Their friendship evolved over the years and eventually landed them working together at Surerus Murphy.





After years of doing business in the oil sector, including owning Atlantic Pipelines with his wife and working for various other oil & gas ventures, Ken became a full-time pilot at Surerus Murphy.

Ken's career, and life in Western Canada have grown in remarkable ways. Marrying his wife, Liz, having five children with her, and merging an accomplished career in the energy sector with his passion for flying high in the sky have all been grandiose. Ken gives an honourable mention to his wife for being a pillar in his life. Liz also completed her pilots' license, and is Ken's partner and his rock, both professionally and personally.

Over the past 13 years, Ken has flown an average of five times a week for Surerus Pipeline Inc. and Surerus Murphy, with 4,500 flight hours. He flies leadership personnel to project sites and back home, Surerus Murphy visitors to project sites for various occasions, and prepares for evolving conditions to ensure a quick turnaround in the event of urgent matters. The new company aircraft allows flight in most types of weather, safety being the priority. Reflecting on his flight career of over 15,000 logged flight hours, Ken has been lucky to experience little out of the ordinary. He attributes this to good planning, weather checking, proper scheduling, and knowledge of air traffic in your flight area—he says these are ingredients for safe, incident-free flying.

Ken's endless wonder and curiosity for the skies turned into an amazing career with Surerus Murphy. He may never have flown the Queen, but his well-known smile and safe commitment to flying have taken him to some incredible experiences.





## Utility Crew

### Rain or shine, sleet or snow, the Utility Crew is always on the go!

At Surerus Murphy, many crews work hard, safely and with a can-do attitude. You can find them across our project sites on the Trans Mountain Expansion Project (TMEP).

At Spread 5A, the Utility Crew is a special team that exemplifies a can-do attitude daily on-site. Starting at the project in June of 2020, the crew has built a reputation as a resourceful, go-to group that goes the extra mile to ensure the delivery of project objectives. As a result, the team has over 80,000 highly productive hours on the project and over 1 million kilometres driven safely.

Rob Barker, Surerus Murphy Lead Superintendent, spoke about values at Spread 5A. "This crew is trusted with many project activities, pumping water, building & installing signage, creating shelters and hoardings, and helping around the yards supporting personnel requests."

The crew is known for its daily commitment to the project. The team occasionally works through days off to complete a job and is always eager to pitch in as needed.

The crew's many skills include carpentry in building trench step ways, steep slopes staircases measuring into the hundreds of steps, and framing structures around open ditches for testing heads.

Team experts are called in as water technicians when the job calls for dewatering trenches and roadways into safe and approved discharge locations and work with environmental specialists to isolate creeks and support safe fish removal.

Still, the crew's most important trait is its ability to pitch in as needed. They are the person-power behind the movement and set up of all toilets across TMEP sites, including manually loading and unloading porta-potties to ensure this essential site amenity is available at all locations in a clean, safe and orderly fashion.

Led by Foreman Spencer LeMoal, the crew is well known for its hard work, dedication and remarkable attitude toward Spread 5A.

"Many crews at TMEP go the extra mile, but I couldn't be prouder of this group," commented Spencer. "Everyday, they do whatever is asked of them safely. Even though some tasks are not always desirable, the team shows up daily without complaint and gets the job done."

The Utility Crew exemplifies the Surerus Murphy core values in every sense.

Commenting on the crew, Rob Barker said, "I would personally like to recognize Spencer LeMoal and the Utility Crew for its dedication and remarkable attitude. Thank you."



# Kevin McDonald: Quality Manager, Infrastructure

Compassion and empathy are two qualities Kevin MacDonald, Surerus Murphy's Quality Manager for its Infrastructure and Facilities team, purposefully shows up at work with every day; they are also the qualities he admires most in others.

Caring about others has been part of Kevin's life from the beginning. His younger sister was born handicapped and expected to live only a few years. Instead, with his parents' devotion, she lived happily until she was 12. "I watched my parents move mountains for her. Love is why she lived longer."

Now, working in a close-knit community of colleagues where the banter flows easily, and colleagues approach challenging discussions with mutual respect, he has found himself a work home.

Kevin is from Parkdale, PEI—a small community where his many 1st and 2nd cousins were also his neighbours. His youth was spent outdoors, playing in the mud, building hay bale forts and push go-carts, and playing hockey. His love of being in Mother Nature's office, working with his hands and building complicated structures started young and has continued to this day.

At 18, Kevin, enticed by Western Canada's land of opportunity, moved to Calgary to work with a mechanical contractor. He was paid \$3.20/hour for his service. While the job didn't make him rich, it introduced him to his mentor, Cecil Nikou, who taught him a lesson that he has carried forward: on an active work site, always to appreciate the importance of a fresh set of eyes.

His mentor challenged him to have an opinion and offer it up. "He told me that I needed to come to the table with ideas to share and be able to defend. Age and experience were secondary to the ability to think critically and be solution oriented."

As a young man in the trades, Kevin gained high-profile experience. He welded the steel pens behind the Calgary Stampede's infield and provided welding expertise on Banff's water and sewage treatment facilities. In the center of Alberta's oil heartland, he also began to build drilling rigs and frac trucks.

By the time he was 30 years old, he had earned more leadership roles. He was building gas plants in Ram River and Joffre, Alberta and gained experience working with sweet and sour gas construction and leading teams.

"Being a leader young taught me how to organize myself and communicate with people from different backgrounds than myself. It wasn't about me talking; it was about me listening. So I became a good listener."

Embracing the motto—work hard, play hard—Kevin bought a welding truck, opened his own welding company, and moved his young family to Zama, Alberta. One of the province's most northern communities that boasts a spectacular array of hunting, fishing and off-roading lifestyle—all activities he enjoyed in his youth that he wanted to offer his daughter.

A few years after setting up the welding shop, he purchased a small fleet of side booms and called his company Kmac Pipeline & Welding. He was kept busy with the region's booming oil and gas activity.

Soon, his company hovered just under 65 employees. While the "school of hard knocks" earned Kevin a Ph.D. in budgeting, scheduling, supply chain and human resources management, it began to become too all-encompassing, and the ability to also "play hard" was lost to the "work hard" half of the equation.



Yearning for more balance, he accepted a position as Quality Manager with WABI Construction for a wood mill plant in Fort St. John, Alberta.

Once again, Kevin was working the projects as a quality manager, overseeing the construction of oil sands modules, constructing oil slurry prep towers and steam lines, and establishing technical Quality Control procedures for a nuclear extraction plant at Cameco in Northern Saskatchewan. He worked for large oil and gas companies, managing major projects' quality departments, and he was involved in boiler construction and maintenance at a pilot extraction facility that turns garbage into ethanol and methanol.

On one of these projects, Kevin met Mark Atchison, now the Operations Director, and Blaire MacNeil, now the Senior Construction Manager for Surerus Murphy's Infrastructure and Facilities team, but back then, they were on different projects. At Surerus Murphy, Mark and Blaire were looking for a quality lead, and they decided to call Kevin.

"When you like the people you work with and are appreciated for the job you do, you stay put," says Kevin. "I like these people; I feel like I am working with family every day." Likewise, Surerus Murphy benefits from Kevin's technical skills and empathetic leadership. He is currently spending his days managing the construction of gathering lines at a northern oil facility. "I have good days," he chuckles. "I get to work outside and with my buddies."

And, like that, Kevin blends his work and family life. His colleagues become his work family, and his compassion extends beyond the home and into the workplace. It is compassionate leadership in action.

**WORK  
HARD  
PLAY  
HARD**

## Secondments at Surerus Murphy

Surerus Murphy hosted three secondments from J. Murphy and Sons Ltd. over the winter months.

Steph Lewin, Environmental Advisor, Josh Davis, Engineer, and Liam Callaghan, Quantity Surveyor, arrived in Canada in October 2022 for a six-month stint to provide support on the Sunrise and Bear Canyon Projects.

Looking to expand their horizons and learn more about life in Canada and pipeline construction, the group has soaked in the experience.

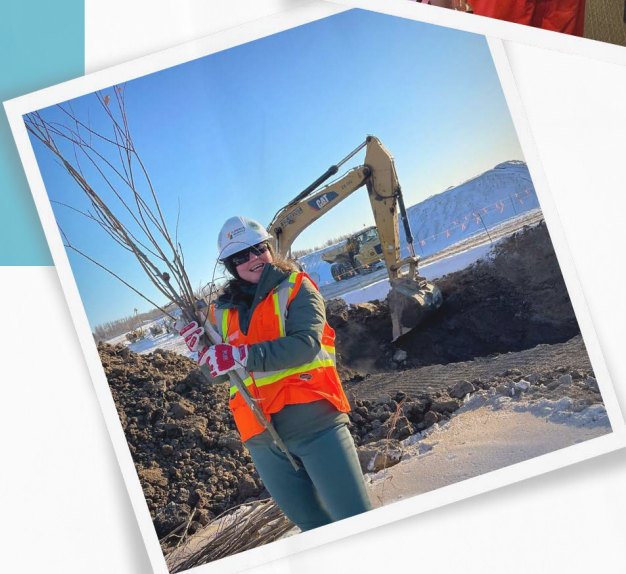
Steph, who arrived from Liverpool, England, found the experience daunting at first, but thanks to support from the Surerus Murphy Green Hand Program felt settled and confident after a few weeks.

"I work as an Environmental Specialist in the transportation division at home; I had no pipeline knowledge before coming to Canada, but the Green Hand Program pairs you up with a mentor. My mentor walked me through all of the stages of pipelining, including explaining terminology. I learned the basics quickly, right down to driving tips for the snow, ice and mud, and getting to know the pipeline sense of humour."

Steph says that working with new terrain and ecologic restraints have been a highlight, as well as exposure to wildlife not present in the U.K. Steph's advice to others considering the program is to be ready to learn, come with an open mind and be flexible to change.

Following the program's success this year, J. Murphy & Sons Ltd seeks candidates from overseas across Engineering, Commercial, SHES, Project Management and Supply Chain roles for the next secondments. We thank Josh, Liam and Steph for their contributions to Surerus Murphy and look forward to welcoming a new group to Canada.

**"Steph's advice to others considering the program is to be ready to learn, come with an open mind and be flexible to change. "**



# PROJECT SPOTLIGHT

## The Infrastructure and Facilities Group Continues to Grow

**The new Infrastructure Group continues to reach significant milestones and secure Surerus Murphy's footing in facility project construction.**

The group, launched in 2022, brings together world-class infrastructure experts to support our client's projects.

Our first project is at Cenovus's Christina Lake Facility in northern Alberta. The project consists of 15km of above-ground gathering lines. The leadership team on site is highly experienced and is leveraging their background to reach key project milestones with high-quality results.

Mark Atchison, Operations Director of the Infrastructure group, described his crew: "We have a highly experienced team on site, including in difficult terrain and under extreme conditions." He went on to speak to the efficiencies gained on site, "with any new division, there is a process for gaining efficiencies. I see our crews continuing to adapt to the facility setting, build a strong team environment and find ways to expedite our work safely."

In early January, crews completed 757 welds with a 1.88% repair rate, and crews continue to adapt to their settings and seek improvements as they push that number lower.

They achieved their first system turnover in early February, handing over the M00 Main Mechanical area and the M00 South area to the client. In addition, they completed 16 pigging runs on 6", 20", 30" and 36' pipes.

Currently, over 100 workers are maneuvering around heavy equipment, large piping, various tools, and each other. In addition to fire retardant clothing and other typical PPE, workers must prepare for accidental H2S release. With over 100,000 total hours on site, Surerus Murphy's infrastructure team remains committed to a strong and positive safety culture.

Early in its second year and past the midway point of our initial project, these milestones signify things to come. The Surerus Murphy Infrastructure Group is building on its already strong foundation in facility project construction and is committed to securing its foothold in the industry and delivering high-quality and efficient services to our clients.

## Surerus Murphy Surpassed 6,000 Welds at TMEP

Surerus Murphy's welding crew has worked hard to keep Spread 5A at the Trans Mountain Expansion Project on schedule. The team achieved 65% construction completion in late October, with most of the remaining installation to be done along steep slopes, in shorter sections and through difficult terrain.

The welding team completed their 6,000th weld on the Project, marking a major team milestone.

Nine crews with 22 welders have worked in challenging weather and topography. "It's a pleasure to work with a team that takes pride in their efforts. These folks come to work every day to give it their best," says Welding Foreman Clay Swanson.

Surerus Murphy's successful welding program requires the teamwork of an entire crew. Collaboration and co-planning drives achievements. Once welders are onboarded, they are put through additional training qualifications on manual and flux-core automated welding bugs. Welders must demonstrate their knowledge of the organization's procedures and their test welds are evaluated for quality control before they are allowed to weld in the field.

Celebrating the 6,000th weld, Clay and his team took a minute to reflect on their accomplishments and are now focused on the work ahead. Thank you to the team for all of their hard work.



## Surerus Murphy Honours Ties to Family and Ireland with Bore Name

**Surerus Murphy is proud of the cultural diversity of our team, with many of our people linked to various areas of the world, including many with Irish heritage.**

Mike Scanlon, Surerus Murphy's Senior Project Manager at the Trans Mountain Expansion Project (TMEP), named a Tunnel Boring Machine (TBM) after his goddaughter and niece in Ireland, Sarah. As is tradition worldwide, TBMs are appointed a female name before the start of drilling operations; the name chosen reflects a strong and inspirational woman. Sarah is a dedicated student driven to achieve her lofty goals. Last year, she began her post-secondary education in Finance & Accounting at the University of Limerick.

Tunnelling is intimately entwined in Irish heritage, dating back to the 'Tunnel Tigers'—a group of Irish emigrant workers who achieved incredible feats in tunnelling beginning in the 1950s. Sarah's name is her digitized signature, with the colours green, white and gold representing her Irish heritage. Furthermore, the shamrock logo of the Bothar group, the main tunnel contractor for the project, solidified the ties to Ireland.

"This tunnelling section was the first of its kind in Canada at this distance, and it was a significant accomplishment for our team; I am proud that it was linked with Sarah," said Mike. "Sarah's name looks fitting on the bore next to the shamrock, and it was also a tip of the hat to the rich tunnelling heritage back in Ireland."

The tunnel boring machine named 'Sarah' is boring a 4.2km section in the Jacko Lake area south of Kamloops, B.C. drilling a 1,310m-long tunnel 75m below the surface at its deepest point.

Surerus Murphy's spread at TMEP features numerous special projects throughout its 184km section. Spread 5A is the largest spread on the expansion project's British Columbia side, passing through for pump stations. In addition, the spread includes four Horizontal Directional Drills, three Direct Pipe Trenchless Drills, 4.5km of Micro-Tunnel and four major highway crossings.

## Heavy Duty Mainline Block Value Installed

**When multiple Surerus Murphy teams with unique disciplines come together, we can achieve magnificent project milestones.**

Demonstrating exceptional teamwork and resilient professionalism, the Surerus Murphy team completed installing the Mainline Block Valve on the Coastal GasLink Project (CGL).

The cross-functional collaboration at CGL required careful planning and cooperation from numerous crews. Transportation, survey, welding, utility, engineering and management teams collaborated throughout the complex installation to ensure crews safely and effectively completed the 15m long by 4m wide valve.

Weighing in at 107,000 lbs—more than a Boeing 737—the valve was initially trucked over 700km from Edmonton to the install site, roughly 20km southwest of Chetwynd, B.C. The final 20km presented the most significant challenges as the trucking team carefully maneuvered over steep inclines and tight switchbacks.

Once on site, a 270-tonne crane was brought in to move the valve into place. Next, crews began fabricating around the massive feature on a 100m by 50m pad, placing pieces larger

than a semi-truck. Installation took 60 days from the time the valve landed on site. Project Manager Chris Bruins described the final days of the installation.

“This was a rock-solid team effort with multiple disciplines involved. Before the holiday break, it was a race against the clock to perform the tie-in successfully. Crew members went above and beyond to meet our deadlines; as a result, we completed the tie-in and celebrated mechanical completion on Section 1 before the holiday break. It was a great example of Surerus Murphy crews coming together, living our values of Assured Delivery, and meeting our client’s expectation.”

This valve is one of three main shut-offs on the CGL line that Surerus Murphy is constructing. Installing this fixture is a significant milestone that will enable the client to isolate the line in case of a required shutdown, routine inspections, or maintenance.

With the valve installed and section 1 mechanically completed, Crews will complete backfilling, clean up and reclamation work through Summer 2023.



## Final Clean-up Completes Work at Karr Project

**When we leave a project, we leave the land as close to its original state as possible**

Surerus Murphy constructed 57km of 48-inch pipe for TC Energy's NGTL pipeline system approximately 50km South of Grande Prairie, beginning December 2020. Mechanical completion was March 2022. As we finalize construction, we are focusing on leaving a lasting legacy by restoring the land to its original state.

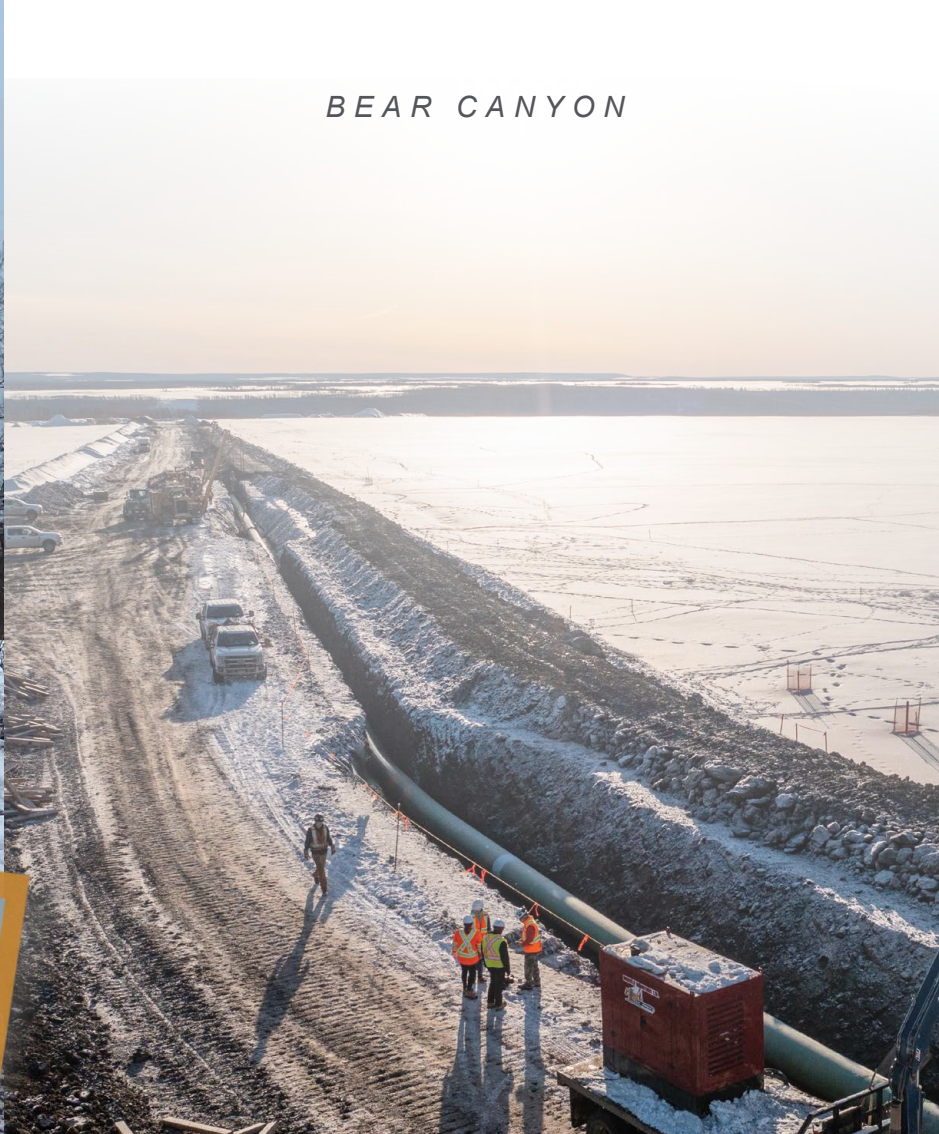
Throughout the project, we initiated multiple community engagement initiatives. Paul Kelly, Project Director, said, "As an example, our recycling program raised over \$12,000, which we donated to youth sports initiatives. The project also employed 700 workers at its peak, with approximately 10% from the local area."

Paul explained that meeting our client expectations is far more than just handing over a mechanically complete pipeline, "We also want to ensure that we are minimizing our footprint and returning the land better than or equal to its original condition."

The remaining scope of work includes reclamation and clean-up, including replacing topsoil, removing all temporary equipment and infrastructure, and returning all work areas to their original condition.

At Surerus Murphy, we are passionate about returning the landscape as close as possible to its original condition. Restoration crews expect to be onsite through March 2023.





## Business as Usual at Bear Canyon

The experience and expertise at Bear Canyon continues to impress. Crews have gelled quickly to maintain an exceptional pace reaching key performance indicators ahead of schedule.

Southwest of Worsley, Alberta, in Clear Hills County, Surerus Murphy is installing 25kms of 36-inch pipe on behalf of TC Energy.

Setting a solid pace, crews have reached numerous key performance indicators, including stringing, bending and welding KPIs ahead of schedule. Including completing pipe installation with an exceptional overall repair rate of 1.22% (0.28% for the Mainline Mechanized Welding, a new SMJV record) They have also completed all 17 trenchless crossings.

According to Alex Jaber, Project Manager, "We have a solid team here. They've demonstrated professionalism by collaborating to reach objectives efficiently. That is why we are safely ahead of schedule; it's a great example of a job done right."

Facility work is going smoothly, with outages and tie-ins successfully being completed. In addition, the project has an outstanding safety record with a TRIF of zero.

Bear Canyon management team expect to achieve mechanical completion end of March 2023.



SUNRISE

## Sunrise Project Update: Kiskatinaw River

Surerus Murphy is building the Sunrise section of the Groundbirch Mainline Loop Expansion Project near Dawson Creek, BC. The project includes approximately 23.5 km of 42-inch diameter pipeline and tie-in facilities in Northeastern B.C. for TC Energy.

Since breaking ground in the fall of 2022, crews have hit many key project milestones, including completing all mainline activities, including stringing, welding, lower-in, and backfill, leaving less than 30 remaining tie-ins.

In early November 2022, crews began drilling operations at the Kiskatinaw River. An 1197m horizontal directional drill under the river.

"This is the longest and most significant crossing on the project, and it's a good example of cross-organizational collaboration between ourselves, TC Energy and The Crossing Company." According to Project Manager Kyle Scott.

Surerus Murphy crews successfully completed the pipe pullback in February and began work on tie-ins. To date, teams have completed activities on the crossing (and the entire project) with no recordable incidents.

# Giving Back Comes Natural to the Team at Bear Canyon

On top of an impressive performance on the right-of-way, crews at Bear Canyon continue to build a positive legacy in the local area by working with many local contractors, creating positive relationships with locals and living within the community.

Crews at Surerus Murphy's Bear Canyon project leveraged their holiday party to continue giving back to the local community, raising \$11,200 for local initiatives in need of support. At the event, attendees raised funds via auctions and donations.

**In the new year, crews determined the donation destinations and set out to complete the cheque presentations for the following deserving organizations:**

- Fort St John Association for Community Living (pictured)
- Fort St John Firefighter Charitable Society (pictured)
- Fort St John Hospital Foundation
- Fort St John Friendship Society
- Fort St John Women's Resource Society
- MCC Thrift Shop
- Taylor Minor Hockey Association
- Baldonnel Elementary School PAC

We understand we are visitors in the areas where we work, and as a result, living our Never Harm core value ensures we build trusted and positive relationships everywhere we operate. At Bear Canyon, we thank the local community for hosting our crews.



# Giving Back at Sunrise

Crews at the Sunrise project continue demonstrating their commitment to an exceptional community-giving program. Throughout the project, teams have found opportunities to support local initiatives and give back to the Dawson Creek community.

Beginning with their support for the local curling club, Surerus Murphy provided a platinum sponsorship of \$2500 to the Dawson Creek Curling Club for the 50th Annual Mile Zero Cash Spiel in November.

In late 2022, the team also volunteered to help fill an eighteen-wheeler for families in need by collecting donated food hampers and toys for the 18-Wheels of Christmas initiative.

Going above and beyond, the Sunrise employees organized their toy drive at the project site, which was a huge success. Employees raised around \$10k in toys and donated \$2200 in cash to the initiative.

Near and dear to their hearts are supporting programs that build positive communities for local youths. **As a project, the team has made it possible to provide sponsorships to the following youth organizations:**

- Dawson Creek Minor Hockey U15 Team
- Northern BC Junior Youth Rodeo (pictured)
- Moore Ranch Annual Steer Riding School Event
- Dawson Creek Secondary Schools Senior Girls Basketball Team

Allie Auger, Indigenous & Local Engagement Advisor, summed up why the community giving program is so important: "Our sponsorships, donations and local participation build positive rapport in the communities where we work, which is a big part of our mission and legacy at Surerus Murphy. The community work here at Sunrise has been from our heart, and we genuinely hope to leave a lasting and positive legacy on the community."



## Surerus Murphy Lands Two New Projects

**It is the ultimate compliment when our clients hire us again. Surerus Murphy is thrilled to announce that TC Energy has awarded our organization with two new projects.**

### ***Saturn Section***

The Saturn section is the second project for Surerus Murphy on the Groundbirch Mainline Loop Expansion Project. The section includes approximately 22.9 km of 42-inch diameter pipeline and tie-in facilities in northeastern B.C. Commencing in Spring, with peak person-power reached in the summer, we will achieve mechanical completion in the Fall of 2023. The project ties into the GroundBirch Mainline Loop Sunrise Section, a project currently under construction by Surerus Murphy.

### ***Lundbreck Section***

Surerus Murphy lands the Western Alberta System Mainline Loop (WASML) No. 2 Lundbreck Section, one of the loops in TC Energy's NGTL West Path Delivery 2023. The single-season project, set to begin construction operations in late February, will employ nearly 400 people at its peak and provide employment and business opportunities in the region. Crews will install a 7 km 48-inch pipe approximately 30 km northwest of Pincher Creek, AB.

Surerus Murphy is thrilled to begin these two projects. As always, we are committed to safe, respectful, and considerate operations in the communities we visit. We understand that we are guests and always strive to leave the area as close to its original state as possible. Surerus Murphy will prioritize employment and contractors from the local area and indigenous communities and continue our initiatives to give back to the community.

Thank you to TC Energy for trusting our teams to deliver world-class infrastructure.



## Holiday Giving at Surerus Murphy

At Surerus Murphy, our employees go above and beyond to give back to those in need—showcasing how we win together and support the communities in which we work.

During the holiday season, the need for support is more significant. Many people feel the pinch, and the children of families needing help often feel it the most.

To brighten the season for local children this past holiday, Surerus Murphy crews at the Trans Mountain Expansion Project, Coastal GasLink, Bear Canyon and Sunrise collected toys, raised cash and donated time to support families in need.

**“Helping kids and families in need warms our hearts and bring out the best in our teams.”**  
 – Gunar Hermanson, Superintendent at the Sunrise Project.



# 10K Donation to the United Way of Northern B.C.

Everywhere we go, Surerus Murphy works to leave a lasting and positive legacy. We seek to align ourselves with our partners and clients, and other contractors with the same community-focused mindset. In 2022, we donated \$10,000 to the United Way of Northern B.C.'s Coastal GasLink Legacy of Giving Campaign, which was matched by Coastal GasLink.

The Campaign is supported by the Coastal GasLink Project and its community-minded prime contractors. Surerus Murphy is proud to be a part of this legacy project and would like to thank Coastal GasLink for matching our donation.

“Leaving behind a lasting legacy is a foundation of our work; we want communities to remember us as an organization that values community relations and reinforces it with action,” said Sean Surerus, Chairman of Surerus Murphy. “To see Coastal GasLink match the donation makes this extra special.”



**United Way**  
Northern British Columbia

The Coastal GasLink Legacy of Giving Campaign supports the United Way in connecting the most vulnerable in Northern B.C. communities with vital support services and programs.



## November

November was a month of incredible growth at Surerus Murphy. Folks from our organization raised funds and grew their nose neighbours to support Movember.

The Movember campaign raises money and acknowledgment for men's mental health, suicide prevention, and prostate and testicular cancer research.

Scott Reeves, Wyatt Reeves, Simon Phillips, David Maskwa, and Max Ward lead the fundraising efforts at our Calgary office.

At Trans Mountain, Shane Daruda, Jordan Hardwick, Bret Sceinson, Jordan Humphrey, Liam Cromarty, and Kyle Hurren of the so-called 'Enviro Five' grew their cookie dusters. Many others support the initiative by donating to these groups or setting up their fund.

In total, people from SMJV raised over \$3840 for the fundraiser. Cheers to everyone who donated to the cause.

# WELLNESS SPOTLIGHT

## Take Care of Yourself Too

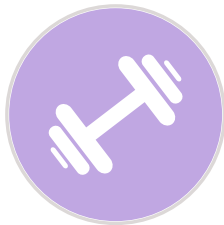
At Surerus Murphy, Never Harm is a core value in which we never harm our people, the environment, or the communities in which we work.

This value extends far from the right-of-way for many staff caring for their people at home. Many do the right thing even when no one is watching, including the potential of being a caregiver and providing care for someone at home with a long-term illness, aging relatives, family members with disabilities or even your children.

Regardless of life's demands, we want to ensure you find time for yourself. Taking time to attend to your needs will allow you to show up as a better caregiver.

It can be challenging to find a work-life balance while supporting others, especially from a distance, and often, this can lead to letting your self-care slip. Don't let your self-care slip.

Creating a self-care routine that works well with your schedule is a great idea. Self-care helps to develop mental resilience, physical wellness, social engagement, and financial fitness. In addition, when you take care of yourself, you take care of the people who care around you.



At Surerus Murphy, your wellness is a priority, and we want to make sure you provide care for yourself just like you do for others. So try these tips to ensure you keep up with your wellness:



### Find time to relax.

Take at least 15-30 minutes each day to do something that only involves you—for example, exercising, gardening, watching a movie, painting, or relaxing.



### Don't neglect your personal life.

Look for easy ways to connect with friends and communities.



### Ask for help.

Help may allow you to carve out larger chunks of time to tend to your needs.



### Keep up routines.

Try to maintain some of your regular activities. A routine can help to balance our stress levels.



### Get some sun.

Vitamin D is crucial to feeling healthy, happy, and rejuvenated.

# SAFETY SPOTLIGHT

## TMEP Green Hand Program

Many graduates of the Surerus Murphy Green Hand Program at the Trans Mountain Expansion Project have confidently and safely transitioned into a pipelining career.

At Surerus Murphy, new hires without pipeline construction experience are enrolled automatically into a 60-day training and mentoring program to ensure their safe success as a pipeliner.

Mike Scanlon, Surerus Murphy Senior Project Manager on Spread 5A, explains the program's value. "We want everyone on the project team to feel safe, comfortable, and knowledgeable on-site because an environment where all staff feel this way creates a safe, effective and efficient environment. In addition, the program builds confidence amongst the team, knowing everyone has the support they need to be confident in their work."

The program has a graduation rate of 100%. Last year, 38 new pipeliners working on the Surerus Murphy spread completed the program.

"Not everyone learns and gains comfort at the same speed, which is why our graduation rate is 100%", explained Gary Scott, Project Safety Manager.

"We take more time as needed to ensure that all graduates are empowered and ready when they swap out the green hat for a yellow hat."

In many cases, the Green Hands Program is the first introduction to continuous opportunities for career growth, something that Surerus Murphy values.

"I learned a lot from the program, and after graduating, I advanced myself through the company, eventually to operating a piece of equipment. I appreciate the work they put in to have this program in place, and it has done me well", Zachary Winfield, 2022 Green Hand graduate.

Graduating from the program is more than just a change in hat colour; for many, it signifies the beginning of a new chapter in their career. A pathway that Surerus Murphy is committed to ensuring is safe and comfortable for all on site.

"I am a pipeliner now", Treylynd Jules, 2022 Green Hand graduate.





# Take Care to Drive Safe During Winter

Surerus Murphy people work in beautiful, remote, and often wintry conditions across Alberta and B.C. As a result, we must take extra precautions on the road because the winter driving season can last much longer. Remember, our most dangerous task is driving to and from work.

Even though spring is on the horizon, preparing for and driving in winter weather is still important. **Below are some tips to assist in preparing for and driving in winter conditions:**

- Install four matching winter tires
- Pack an emergency kit
- Learn and practice defensive winter driving techniques before you need them
- Plan your trip, and check road and weather conditions
- Remove all snow from your vehicle before each trip
- Give yourself extra travel time in bad weather
- Avoid using cruise control on slippery roads
- Leave plenty of following distance between you and the vehicle in front
- Ensure your headlights are turned on
- Consider installing traction aids on your tires, especially if you are towing
- Avoid using cruise control in slippery conditions
- Slow down and wear your seatbelt

**When you need it, you will be thankful you have it! Equip your vehicle with the following:**

- Food that won't spoil, such as energy bars
- Water—plastic bottles that won't break if the water freezes (replace them every six months)
- Blanket
- Extra clothing and shoes or boots
- First aid kit with seatbelt cutter
- Candle in a deep can and matches
- Wind-up flashlight
- Sand, salt or cat litter (non-clumping)
- Antifreeze/windshield washer fluid
- Tow rope
- Jumper cables
- Fire extinguisher
- Warning light or road flares
- Small shovel, scraper and snowbrush
- Roadmaps
- Journey Management Plan

Driving in difficult conditions—snow, ice, wet and cold—creates a challenge for vehicles and drivers. **If you hit a patch of ice and find yourself skidding, here is what you can do:**

- Stay calm.
- React as little as possible and keep the vehicle headed straight.
- Steer straight and take your foot off the gas.
- Do not hit the brakes.
- Most skids occur on curves and turns, so slow down as you approach a curve or turn and slowly accelerate while you are in it.

## 'Drive To Win' Award

Surerus Murphy congratulates Evan Stutt for winning a brand-new Ford F150 in our Drive to Win draw. Evan qualified via the Surerus Murphy Joint Venture Safe Driving Program by going the speed limit, wearing his seatbelt, and maintaining a driving record with zero recordable incidents. In addition, Evan worked on two Surerus Murphy Projects, including the Karr and Elko projects. We would also like to commend all the 1369 Surerus Murphy drivers whose safe driving habits automatically entered them in this year's draw—an impressive increase from the 981 people in 2021.

"We implemented the safe driving program to reward safe drivers and incentivize others to follow," said Mitch Starke, Health & Safety Manager for Surerus Murphy Joint Venture. "To see a near 30% increase in people entered in the draw means the program is working and our culture values safe driving."

Safety is the most important element in anything we do at Surerus Murphy, and driving can be dangerous; however, employees like Evan lead the way as safe and effective drivers.

"I am happy and grateful for this win, and I understand how important safe driving is at Surerus Murphy," Evan said. "In the rugged landscape at Elko, I drove the Ford 550, and we frequently discussed safe driving habits during tailgate meetings. My experience at Elko made me a much better and safer operator for Surerus Murphy. It also made me want a Ford, and now I have one!"



*Congrats To Evan for your safe driving behaviours, and enjoy your new Ford F150!*

# ENVIRONMENTAL SPOTLIGHT

## Building Natural Bridges

Surerus Murphy works in many remote, rugged and hard-to-reach locations. And no matter how far off the beaten track our work takes us, we return the land to its original state when we leave. In areas with minimal or no transportation infrastructure, we build safe and environmentally sustainable access to move people and equipment to and from sites.

Surerus Murphy's Environmental Team, managed by Hugo Mejias, oversees the sustainability of these access points. "We don't just build a road. Instead, significant planning and strategy around access locations aim to create access to remote areas while ensuring we return the location to its original form. Our job is to execute these strategies with a minimal footprint."

Crossing waterways are a significant consideration when building access points, and Hugo's team uses two main techniques to cross watercourses in the winter—ice bridges and snow fills. Both are environmentally sensitive and non-intrusive methods for building natural crossings to get vehicles and equipment across small waterways. They leverage natural elements such as snow and ice to leave as little impact as possible.

An ice bridge is constructed by flooding the ice surface of a watercourse. Water is hauled to a site and freezes in a bridge formation. Meanwhile, snow fills are crossings made with clean compacted snow on the ice or in a dry or frozen channel. They are made by pulling water from an approved and permitted water source, running it through a snow gun to create clean snow, and then hauling the snow to the location.

"We work with the natural processes; if we must, we create the elements to do the job naturally. Ice bridges and snow fills demonstrate a sustainable approach to getting from one side of the creek to another and ensuring access to remote areas," said Hugo.

Once the features are in place and used, general maintenance is required as weather conditions change. Hugo's team monitors the shape of the crossings as the weather shifts. The snow and ice pack are minimized with warmer temperatures, requiring additional snow and ice to maintain the structure. In addition, with warmer conditions, areas along the access will likely turn soft, causing mud and soil to track over the access crossing. The Environment Team reviews and inspects the crossings to ensure they meet standards every day.

## Surerus Murphy Reduces Its Footprint

Staying true to our company value, "Never Harm," Surerus Murphy takes climate action by reducing greenhouse gas emissions through our idle reduction campaign.

With a large fleet of light vehicles, we have an opportunity to reduce emissions by reducing idling.

In 2021, we idled 59% of the time, and in 2022, we reduced that number to 56%. A 3% idling reduction equates to approximately 18,000 hours of unnecessary idling, saving close to 41,000L of fuel from being consumed and preventing well over 100,000Kg of CO2 from entering the atmosphere.

As part of our idle reduction campaign, we donate a portion of the savings to local environmental organizations. This year, we donated just over \$10,000 to the Root for Trees Program with the

City of Edmonton. This organization plants trees in urban areas to reforest the city with native tree species.

We are heading in the right direction, and in 2023, we have set our sights even higher to reduce idling time to 46%.

"We are committed to not only supporting our clients to reach their emissions reduction goals and also to reducing our environmental footprint," said Derek McLean, Sustainable Energy Manager. "The idling program is one of many ways we are backing up this commitment; from utilizing energy-efficient equipment, minimizing the waste we send to the landfill and tapping into solar energy, we are working hard to ensure we are leaders in constructing the low-carbon economy."

# Noxious Weeds

## How Surerus Murphy mitigates harmful impacts of invasive and noxious species on the right-of-way is demonstrative of the organization’s focus on sustainability

Surerus Murphy’s focus on sustainability goes beyond energy efficient operations and limiting our physical footprint, it is also about how we use the reclamation process to return the right-of-way as close as possible to its original state.

Uncontrolled invasive plant growth can harm ecosystems and indicate a deterioration of soil quality, and it can cause crop loss to landowners and negatively impact a forest’s health. Reclamation management plans have a series of steps to identify harmful species, marking its presence when found, and segregating it from topsoil that will be redistributed later.

Our reclamation process starts before construction, with the first step being the identification of invasive or weed species and marking its location using signage and flagging. Construction crews receive digital maps and tables that interpret the project-specific environmental protection plan and its specific mitigations and controls. In addition, this information also mitigates the risk of invasive plants from spreading to adjacent lands.

As we remove topsoil for pipeline construction, it is stockpiled, protected according to the requirements dictated by weather and readied for reuse in the reclamation process. The topsoil containing invasive plants is segregated and labelled.

There are two ways to control the spread of invasive plants—mechanical and controlled. Control methods are preferred when seeds propagate and include tracking, signage, and segregation. Mechanical options include activities such as hand picking, weed whipping and or mowing, and are used prevalently during the growing season.

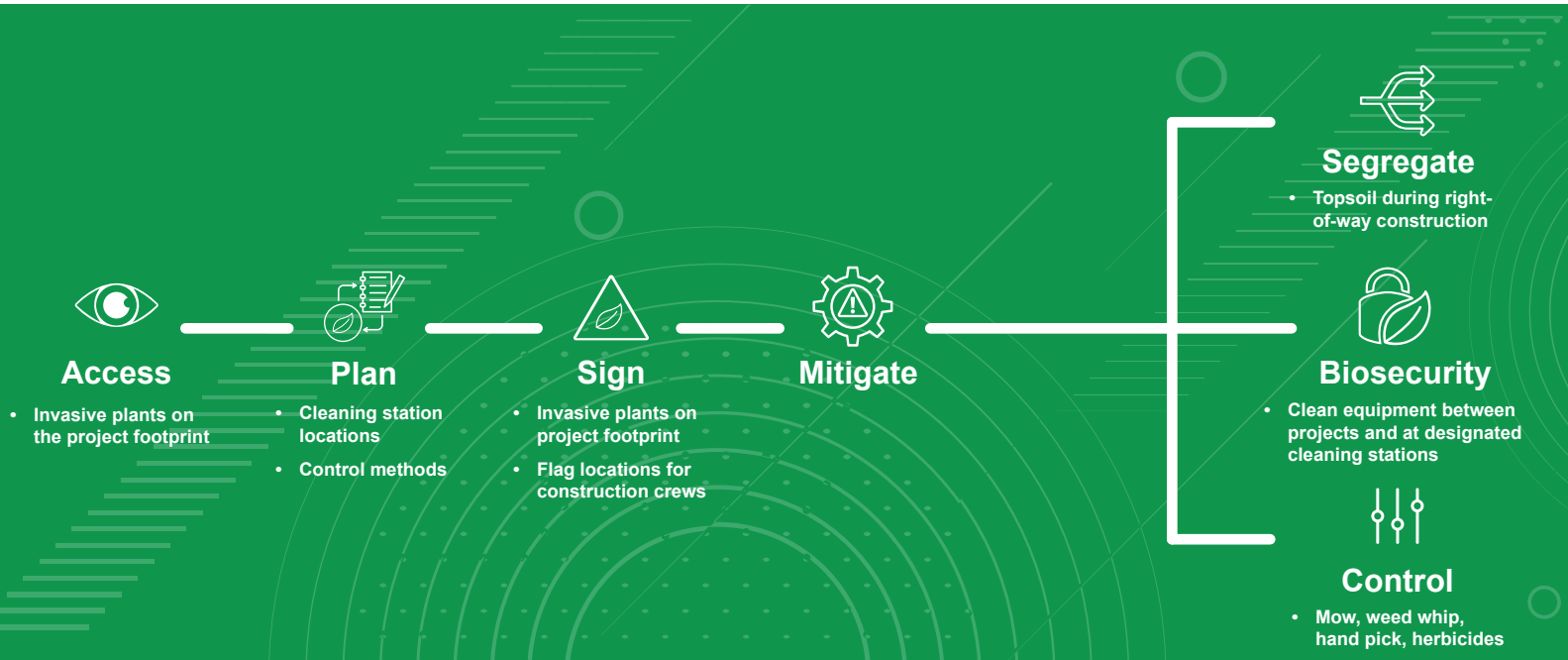
Herbicides may be used under regulatory guidelines that consider watercourses, wetlands, other plants and wildlife and traditional land use and heritage considerations. Any or all control methods

may be used depending on the location, species variety and severity of infestation.

Additionally, Surerus Murphy has a diligent machine cleaning process where equipment is pressure washed and disinfected at designated cleaning stations on the right-of-way and detailed washed and disinfected in between project use.

Environmental Manager Hugo Mejias says, “An effective invasive plant management plan ensures pipeline reclamation, crop yields and reduced harm to native vegetation and wildlife, landowners and surrounding communities.”

Being sustainable is more than a catchphrase; it is a set of behaviors and beliefs that guide how we work. For us, it means considering our impacts holistically and doing everything we can to work safely and responsibly with minimal impact and taking this a step further to include leaving the areas we touch better than how we found them.



# INDIGENOUS SPOTLIGHT



## New Training Funds Available for Indigenous Staff

Surerus Murphy announces new Indigenous Training Fund (ITF) to support Indigenous employees with career advancement and progression by funding training courses and creating opportunities to apply learned skills and knowledge on the job.

Surerus Murphy developed the program to continue our journey in reconciliation.

“In the spirit of National Truth and Reconciliation Day, we looked at ways to take meaningful action,” said Surerus Murphy Chairman, Sean Surerus. “It did not feel right to take the day off on September 30 every year—we want to do more—this year-round program is another step towards building positive relationships with our Indigenous staff and their communities. However, our work is far from over, and we will continue to look at ways to put words into action.”

Funding provides a mechanism for Indigenous employees already working for Surerus Murphy to build skills and knowledge to move into senior-level positions. Fabian Warner, Surerus Murphy Indigenous & Local Engagement (ILE) Manager, celebrated the program. “We already have interest in what this program provides, and now we have a mechanism in place to facilitate the process. Access to training will open doors for Indigenous employees who may not have had that opportunity in the past; for us, it is a big step in the right direction.”

Indigenous employees with at least three months of continuous service at Surerus Murphy will have access to the ITF program. Employees interested in the program should speak with their supervisor and project ILE representative.

# Surerus Murphy Indigenous & Local Engagement Programs Set Us Apart

**We recognize the value of Indigenous peoples' contributions to our economy. As a responsible organization, we consider the impact of our activities. As a business, it makes fiscal sense to consult as Indigenous people add tremendous value to the economy.**

Surerus Murphy's Indigenous and Local Engagement (ILE) team builds long-term, mutually beneficial relationship with local and Indigenous communities.

Our inclusive approach builds relationships with Indigenous communities and prioritizes programs focusing on Indigenous employment and training opportunities and procurement and contractor opportunities. In addition, we respect and recognize that the land we are on is sacred and is home to Indigenous peoples who lived here long before we began our projects.

Fabian Warner, Indigenous and Local Engagement Manager, explains the approach: "Our commitment runs deeper than surface level relations; we prioritize long-term approaches that are collaborative, trustworthy, respectful and transparent, rather than just checking a box. We aim to listen, engage proactively, and build meaningful and long-term relations".

The Surerus Murphy Indigenous Employment Funnel (IEF) is a prime example of these commitments at work. We created the IEF to identify Indigenous candidates before a job is externally posted. By collecting and holding on to the resumes of interested workers in priority communities, we can approach workers when there is a suitable job for their skillset. We make this information available to our clients too. The funnel tracks those available for work and those qualified for positions, against the steps in the hiring process."

## Why is this important?

"It's important because we can keep candidates informed throughout the process and keep them from getting lost." Adds Fabian, "we hold ourselves accountable to the funnel and the hiring steps and ensure that the clients and communities are in the loop at every step. We don't leave people in the dark because that's when uncertainty, job anxiety and frustration sets in."

The funnel identifies risks and gaps. And by understanding them, we can have better Indigenous representation in the labour pool. The funnel is one of many tools and processes implemented by the ILE team. Their work continues to rise above the competition in building solid and meaningful relations with Indigenous communities.



# AWARDS & RECONGITIONS



## Surerus Murphy Wins Awards for Quality

**Everyone is responsible for quality—from the president to the intern. Achieving quality performance requires a commitment to strong governance, proper assurance and supporting a culture of continuous improvement.**

The Canadian Energy Pipeline Association presented Surerus Murphy with an award for Quality—the award exemplifies Surerus Murphy's commitment to quality management.

Todd Anderson, Vice President of Business Development, commented, "Quality management is entwined in our processes from project planning to project close out. This award demonstrates our commitment to quality throughout a project." Todd said that this award demonstrates a company-wide approach and accepting it is an honour. "To see recognition from industry peers makes this even more special and is a testament to everyone at Surerus Murphy."

Improvements to quality management are sought at all Surerus Murphy sites. One example exemplifying our commitment to Quality materialized at TMEP after implementing Flux Core Arc Welding (FCAW)—a welding process incorporating semi-automatic orbital welding machines (bugs) that work in the most challenging environments.

Andrew Beers, Quality Manager at Spread 5A on the Trans Mountain Expansion Project, explained the benefits of innovating our approach. "The mechanized procedure allowed for higher production and lower repair rates, resulting in less rework—without compromising on safety. Innovation is ingrained in our processes, and our ongoing evaluation of our performance helps improve efficiency, eliminate waste, reduce risk, respond to changes, and create new opportunities—this sets us apart in the industry and creates opportunities like allowing us to adapt our processes and techniques to suit the terrain specifically with our FCAW improvement."

This is Surerus Murphy's second award nomination and first win from CEPA.

# Surerus Murphy Employees Recognize Each Other



In 2022, Surerus Murphy received 107 nominations for colleagues who live the organization's core values of Never Harm, Trust, Integrity and Assured Delivery.

Any employee can nominate another employee in any position at any Surerus Murphy site or office location for an award. The awards recognize colleagues who go above and beyond in demonstrating the core values in their professional life.

Surerus Murphy's core values build a healthy work environment while encouraging employees to achieve organizational goals. Nominees typically go above and beyond in work ethic, performance indicators, leadership, setting good examples, and caring for those around them.

This year, keep the momentum and recognition going. Make sure you keep living the core values and nominate those around you. Make sure you let us know which person you have chosen and how they live the Surerus Murphy core values.

Submit your nomination to the HR team via email at [valueawards@surerus-murphy.com](mailto:valueawards@surerus-murphy.com) or scan the QR code.



## International Standards Organization Certification

At Surerus Murphy, excellence is the standard, not the exception, and we are proud of our commitment to a higher standard in all facets of our business. In areas that are key to our business, we meet benchmarks set by the International Standards Organization (ISO)—resulting in certification in the following categories:

These standards are not mandatory, but they demonstrate our commitment to creating a culture of continual improvement. For us, it is mandatory to set a high standard of excellence, and by certifying to these internationally recognized standards, we provide the proof to back up our words.



- **ISO – 45001:**  
Occupational Health and Safety Management Systems



- **ISO – 9001:**  
Quality Management Systems



- **ISO – 14001:**  
Environmental Management Systems

“Continually improving our processes, products, and programs is a foundation of the ISO standards and something we strive for,” said Shae Rowland, Systems and Assurance Manager at Surerus Murphy. “Simply building effective systems is never the end for us. We always seek innovation and improvement; this sets us apart. In addition, being certified demonstrates a sustained commitment to ensuring we meet our standard.”

**"To be certified at this level requires collaboration across our organization; it's a team effort demonstrating a culture of excellence."**

**SURERUS  
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A JOINT VENTURE COMPANY



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