



MINING SERVICES





With Milestone Environmental Contracting Inc. by your side, no challenge is too great to conquer.

As cutting edge leaders of our field, we lead by example, setting the stage for a new era of environmental excellence. A world where environmental remediation takes on a new meaning.

Milestone is a company filled with visionaries, innovators, and trailblazers, committed to pushing boundaries and achieving greatness in ways you've never imagined. We are catalysts for change at our core, propelling you toward unparalleled success where we seamlessly merge contracting and project management, revolutionizing how you navigate environmentally impacted sites.

Led by a team of exceptional technical experts, they channel their brilliance into developing and implementing practical, cost-effective solutions tailored precisely to your project's unique scope and complexity, often which involve extreme conditions and remote logistics. With extensive experience, vast knowledge, and an unwavering focus on building solid relationships, we provide cutting-edge solutions that pave the way for your success, enabling you to stride confidently into a future where environmental challenges are not obstacles but opportunities for growth.

Yet, our impact reaches far beyond individual projects. Through an unwavering commitment to meaningful Indigenous engagement, capacity building, and sustainable practices, we create long-term and sustained social and economic benefits that transcend conventional norms. We forge a path toward a better future, setting a precedent for the entire environmental industry.

Unlock new horizons, drive sustainable growth, and create a lasting impact on the world we share.



**OUR
SERVICES**

Water Management and Treatment
Soil and Groundwater Remediation
Decommissioning and Reclamation

Marine Construction and Remediation
Heavy Civil Construction
Indigenous Partnerships

MINING TEAM

At the core of Milestone lies a deep commitment to creating meaningful, long-lasting impact for our clients and the communities they serve.

As contractors, we stand by your side throughout every project phase: from exploration and conceptual stages to feasibility studies, construction and environmental reviews to closure.

Leading by example, we harness our expertise to develop and implement innovative, practical solutions tailored precisely to your project's unique needs and financial objectives. With our rock-solid understanding of regulations and cost-effective methods, we provide a big-picture view offering expertise in assessing options and constructability.

Our seasoned team brings decades of experience to the table, adeptly tackling environmental challenges and guaranteeing the success of your project while positively influencing the world we all share.



Tim Beckenham

Northern
Regional Manager

Tim Beckenham leads our mining team and has successfully managed both small scale and multi-year projects with large 8 figure budgets. He is skilled at managing projects involving treatment design and installation, environmental site assessments and remediation, wastewater, source water protection, and mine site closures and rehabilitation. Mr. Beckenham specializes in managing projects in remote Northern locations. These projects often involve logistical challenges including coordinating staffing for 24-hour, 7 day a week work schedules and interrupted and/or difficult site access. He is skilled at cost management and control for these projects where large volumes of work are completed in short field seasons. Potential schedule, budget and resource changes are proactively identified, and scope changes reviewed with and approved by the Client. He enjoys and excels working with Indigenous and local communities ensuring that communities are highly engaged and often form valuable project partners.



	Exploration	Resource Development	Pre-Feasibility
Indigenous partnerships			
Joint Ventures	◆	◆	◆
Business to Business relationship	◆	◆	◆
Local employment, training & capacity	◆	◆	◆
Water treatment			
Potable systems	◆	◆	
Mine effluent treatment			
Wastewater treatment	◆	◆	
Passive treatment strategies			◆
Heavy civil works			
Tailings management			◆
TCA capping			
Waste rock cover & revegetation			
Engineered ponds			
Surface water control structures			
Contaminant management			
Purge wells			
Infiltration galleries			
Engineered subsurface cut-off walls			
Permeable reactive barriers			
High capacity pumping systems			◆
Soil treatment			
Logistics			
Remote camps	◆	◆	◆
Winter road mobilization	◆		◆
Crew rotation and personnel management	◆	◆	
Accredited level II mine supervisors			◆
Care & Maintenance			

MINING SERVICES

Feasibility

Pre-Production

Production

Pre-Closure

Closure

◆ ◆ ◆	◆ ◆ ◆	◆ ◆ ◆	◆ ◆ ◆	◆ ◆ ◆
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CASE STUDY

Team of Indigenous and non-Indigenous companies join forces on Giant mine remediation

Mineral exploration in remote communities is not a matter of simply showing up, digging a few holes in the ground, and setting up shop. Similarly, cultivating partnerships and winning bids in Indigenous communities is not as straightforward as showing up with an excavator. It requires time, patience, and extensive research to understand the unique values, resources, history and culture of a specific community.

Milestone has a long history of working collaboratively with Indigenous communities, businesses, and partners on specialized and large-scale projects across Canada. In 2021, collectively with our partners, we formed DJRM First Nations Construction (DJRM), a majority-owned Indigenous joint venture partnership with the goal of pursuing opportunities in Canada's North.

“We originally met RTL at an Industry Days event up North,” says Barry Grover, head of strategic partnerships at Milestone. “We stayed in touch with the idea that we would try to bid something together in the future if there was an opportunity.”

That opportunity arose when Parsons Corp., the main construction manager of the giant mine remediation project (a former gold mine that was in operation between 1948 and 2004 in Yellowknife), released a set-aside RFP

The two Indigenous partners already connected with RTL were Métis-owned J&S Contracting and Denesoline, one of the Northwest Territories' most successful First Nation-owned businesses with extensive experience in the mining, construction, and manufacturing sectors.

Not long after RTL reached out, DJRM was born, combining the experience and expertise of Denesoline Corp., J&S Construction, RTL Construction, and Milestone.

Giant Mine is one of many mine sites in the North that are part of the Northern Contaminated Sites Program funded through the Northern Abandoned Mines Reclamation Program.

Working with the main construction manager and prime contractor, Parsons, DJRM facilitated the construction of freeze pads that will be used for environmental containment and management of contaminants that were left behind from more than five decades of mining operations, in particular arsenic trioxide dust that was kept in underground storage chambers. This work included the removal of contaminated soils, development drill and blast operations, high wall rock stabilization, and civil work, including gabion basket retaining walls, drainage sumps, and surface water collection.

A key objective of the project was to provide as much socio-economic benefit to the region, and specifically within both Mōwhi Gogha Dè Nīitāèè, as defined in the Tłıchǫ Land Claims and Self-Government Agreement and the Akaitcho Asserted Territory, as defined in the Akaitcho Interim Measures Agreement.

By virtue of the partners in DJRM, many of the socio-economic benefits resided within the region, both directly and indirectly. Furthermore, DJRM engaged other local Indigenous subcontractors, communities, and organizations to try and maximize Indigenous employment, training, and procurement.

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FEATURED PROJECT

Faro Mine (LCRP)

Milestone was awarded the contract for the Faro Mine Landform Cover and Revegetation Pilot (LCRP) project and involved the construction of soil coverings by loading, hauling, and placing 10,530 m³ of silty clay and 4,813 m³ of sandy gravel materials to pre-existing graded waste rock landforms, to promote vegetation growth and monitoring.

In addition, the other focus of the work was to establish geotechnical trials on tailings by placing 35,043 m³ of gravel material on highly contaminated lead-zinc tailings to test and monitor fill loading rates and settlement. During the pilot project, material sources were extracted from borrow source materials, with vigorous material sampling being conducted to obtain all the necessary information that will be needed for future design and remediation of the Faro Mine Complex.

The Faro Mine LCRP focused on the construction of soil cover panels, geotechnical trial pads, and borrow source development.

The project was a large-scale technical trial that required intensive material sampling, surveying, and execution.

Indigenous Engagement, Benefits and Capacity Building

Milestone engaged Ross River Dena Council, the most proximate and impacted First Nation, and entered into a Business Employment and Training Memorandum of Understanding (BET MOU) with Dena Nezziddi LP, the economic development arm of the Ross River Dena Council. The commitment made through these terms resulted in socio-economic benefits to the community by way of training, employment, revenue sharing, and the procurement of local goods, services and equipment. Additionally, Milestone worked collaboratively with other Kaska businesses, including labour and equipment resources from Tse Cho Enterprises, to provide regional benefit. Examples included over 4,350 hours of training, equipment operation and labour for indigenous employees working on the Faro Mine remediation project.



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FEATURED PROJECT

Wesdome Gold Mines Ltd.

Milestone was awarded a contract for the provision of labour, materials, and equipment to design, supply, and install a high flow, dual train Reverse Osmosis (RO) Water Treatment Plant (WTP) for treatment of tailings at the Eagle River Gold Mine. In addition, Milestone is also responsible for system delivery and installation, Start-up and Commissioning, Operator Training, and connection of the system to existing electrical and mechanical services.

The tailings pond discharge at Eagle River is a primary result of precipitation and runoff from the dry impoundment of tailings and receives approximately 300,000 m³ of runoff per year (90 – 180 m³/hr of flow). The treatment objectives for this runoff are mainly for ultra conservative standards for total dissolved solids (TDS), pH adjustment, and copper.





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*We work in a spirit of partnership
built on trust, respect, and open
dialogue in everything we do.*

**We are proud to partner with the
following Indigenous-owned companies**

Indigenous Engagement and Capacity Building

Milestone is committed to working in collaboration with Indigenous Peoples to develop lasting relationships that are built on a foundation of trust, respect, and open communication. Our principles guide us to conduct business in a manner that respects the land, environment, rights, and cultures of Indigenous Peoples while providing meaningful benefits to the communities which we operate within.

Respect and Recognition

Milestone acknowledges, respects, and seeks to better understand Indigenous needs, rights, and titles on the lands where we operate. We will educate ourselves on the unique history, culture, and traditions of each community that we serve.

Community Investments

As a people-focused company, Milestone invests in individuals and communities through value-added and meaningful capacity building as an integral part of our work plans. This provides social and economic benefits extending beyond any project's boundaries. We share an unwavering long-term commitment to Indigenous inclusion and endeavour to support individuals to achieve their full potential and positively impact the broader Indigenous community and the environmental industry.

Lasting Relationships

Milestone is committed to developing long-term relationships that start well before, and extend well beyond, any project or opportunity. We work in a spirit of partnership built on trust, respect, and open dialogue in everything we do. We recognize that great benefits can be achieved when our sights are set for a shared long-term vision.

Milestone has always been an advocate for a diverse and inclusive workforce. These Guiding Principles reside at the core of our business and the relationships we strive for. They are the basis upon which we strive to learn from our past, to better ourselves as individuals and as an organization, and to continuously enhance the collaborative work we do with Indigenous people, businesses, and communities across Canada.

We are proud to partner with the following Indigenous-owned companies:

- ◆ Decontie Construction Inc
- ◆ KFN Enterprises LP
- ◆ Seyem'Qwantlen Construction Ltd.
- ◆ 7 Cedars Resource Management Ltd
- ◆ K'omoks Economic Development Corporation (KEDC)
- ◆ Denesoline Corporation
- ◆ J&S Contracting Ltd.
- ◆ Sudliq Developments Ltd.



Safety and Regulatory Compliance

Milestone Environmental Contracting Inc. fosters a strong culture of awareness around safety on every Milestone jobsite by promoting behaviour-based approaches to health and safety. The importance of the Positive Safety Culture at Milestone reflects in our core values of Our People, Our Safety and Our Culture. Safety is addressed and communicated in the workplace continuously whether in the office, or construction site, or travelling to and from a remote location, safety is our number one priority! It encompasses the attitudes, beliefs, perceptions, and values of all employees in our organization.

The Stop and Think initiative reminds workers to stop and think before performing a task, observe the hazards surrounding them and recall strategies and best practices to manage each. The time we take to reflect on dangers makes us more aware of the risks inherent in our industry and more mindful of the need to exercise care always.



Milestone takes pride in having high health, safety and quality standards.

- ✓ ISO 9001:2015 Accreditation – Quality Management Program in place to ensure that we meet or exceed our client's expectations, while striving to improve our processes
- ✓ COR Certified (certificate of recognition)
- ✓ Member in good standing with Avetta
- ✓ ISNetWorld (ISN) compliant
- ✓ Comprehensive Environment, Health & Safety Management System
- ✓ TSSA member
- ✓ Ontario Petroleum Contractors Association member
- ✓ Members OPCA (training – BBS)
- ✓ Stop and Think Initiatives
- ✓ Better than Zero Program
- ✓ First Line Supervisor Yukon
- ✓ Supervisor surface level 2
- ✓ BC mine supervisor
- ✓ Supervisor Leadership for Safety NWT/NU



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