

# Montem Resources Spring 2021 Community Update

## Responsible Mining - We're Starting from a Better Place



In the past three to four decades, natural resource development projects have increasingly become the subject of public interest and scrutiny. Evolving standards, public interest, debate, and advancing technology have all contributed to companies improving their practices. Companies are increasingly focused on their projects' impacts alongside the financial returns they can generate. This is a very good thing.

Steelmaking coal mining projects like Montem's Tent Mountain Mine Re-start benefit from many years of experience and information gained from projects around the world, including historical and currently-operating mines here in Canada. We learn from experience, continually improving and moving the bar higher, applying best practices, along with input from public engagement in all our work including exploration, feasibility studies, mine planning, operations, closure and site rehabilitation. The Tent Mountain Mine is a small-scale, existing mine that ceased operating in 1983. We will apply the best scientific and operational practices, to ensure the most environmentally responsible, efficient, and safest re-start of the mine.

Mitigation measures, controls and best management practices will be applied to any identified potential environmental impacts resulting from the re-start of the Tent Mountain Mine. We are continuing our Environmental Impact Assessment studies, and to date, these have not identified new impacts to the environment and we are very hopeful

that we will be in a position to make improvements to water quality, water quantity and rehabilitation practices.

We know that our stakeholders, First Nations, Métis people, and the public are interested in Montem, our Tent Mountain Mine Re-start Project and issues related to steelmaking coal mining in the Crowsnest Pass including water resource management, socio-economic benefits, wildlife protection and monitoring, and site rehabilitation. We are absolutely committed to continuous meaningful engagement and to providing you with information on a wide range of issues and listening to additional questions or concerns you may have. With many of our Montem team living right here in the Crowsnest Pass, we know how important it is for us to address topics like these directly with you. Over the coming weeks we will do just that, right here in this same spot in the newspaper—as well as on our website.

These updates are just one way for us to provide you with information on our Tent Mountain Mine Re-start Project. As I mentioned last week, we are planning for open houses, and we are always available by e-mail and phone, and we look forward to meeting more of you at the weekly community market in Blairmore.

*Sincerely,  
Peter Doyle, Managing Director and CEO*

## The Importance of Water

Water management and environmental protection have been key considerations for the Montem team from the very first day we began evaluating the Tent Mountain Mine Re-start Project. The success of this Project is linked to water quality and water quantity and how the mine will manage it. Water management on site requires an integration between mine design, operations, and closure. Water is an integral part of all operations and no mine operates without managing water.

With mining operations at the Tent Mountain Mine site being inactive for the past 38 years, we are proposing to use some of the water that has accumulated at the site for almost four decades. There is an adequate supply of water, isolated from the active watershed, to cover our needs for the life of the mine. For that reason, we do not plan to draw on fresh water from the tributaries of the Oldman Watershed and are therefore confident that this project will have no new effects on downstream water needs. Montem is employing active and ongoing monitoring and modelling of the mine, even at this pre-application phase. This provides the Montem team with invaluable baseline information to support the planning and operating practices that will be integrated into an adaptive water management plan and help guide our application process, our operations and eventually our mine closure and site rehabilitation.

Our proposed Integrated Water Management Plan will be adaptable, multi-layered approach that will focus on advanced planning, monitoring and strategies to avoid, prevent, mitigate and where required, apply sustainable treatments to avoid potential adverse effects on this precious resource and environment. Our proposed Integrated Water Management

Plan will factor into our planning decisions throughout operations, and it will continue to guide us into rehabilitation and closure of the mine site. As water management is a continuous process, improvements, and updates will be incorporated throughout the life of the mine.

The science of measuring and predicting how water behaves on the surface and below ground has advanced significantly since the Tent Mountain Mine last operated. This science is being applied by Montem within our Integrated Water Management Plan so that after mining we will leave the Tent Mountain site in better condition than what currently exists today.



## Integrated Water Management Approach

PRO-ACTIVE APPROACH TO MINIMIZE OR AVOID RELEASES THAT MAY IMPACT THE ENVIRONMENT

### AVOIDANCE



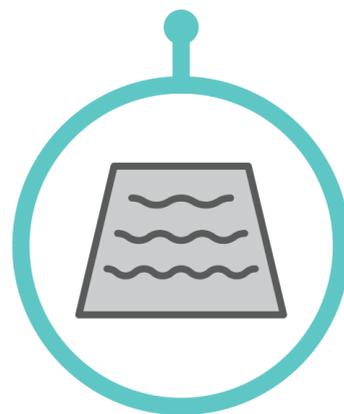
SELECTIVE MINING PRACTICES

### PREVENTION



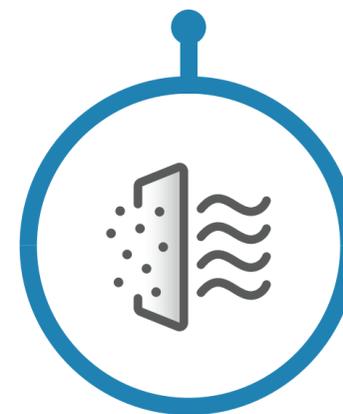
MINIMIZE OR REDUCE IMPACTS

### MITIGATIONS MEASURES AND CONTROLS



IMPLEMENTATION

### TREATMENT OPTIONS



WATER TREATMENT TECHNOLOGIES

### MONITORING AND ADAPTIVE MANAGEMENT



CONTINUOUS PROCESS