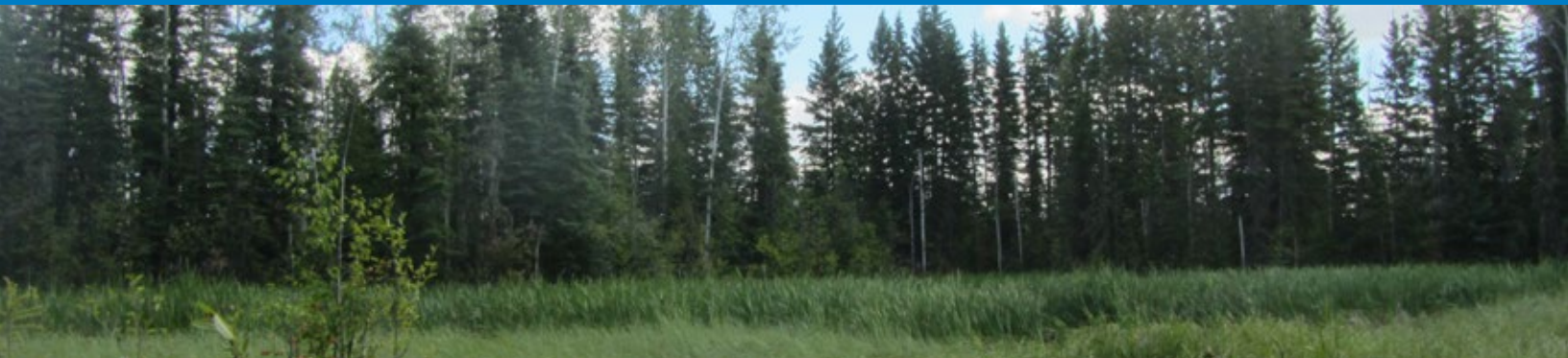


Frontier Forward

November 2015



Welcome to the fourth issue of Frontier Forward, a newsletter designed to keep you informed on the latest news about Teck's Frontier oil sands project and our energy business unit. Issues of Frontier Forward are available online at www.teck.com.

Frontier Oil Sands Project Update

Teck's Frontier oil sands project is a proposed truck-and-shovel mine located 110 kilometres north of Fort McMurray, 45 kilometres north of Fort McKay and 110 kilometres south of Fort Chipewyan, in the Regional Municipality of Wood Buffalo. The project was originally submitted to regulators in 2011 as an Integrated Application designed to meet provincial and federal government requirements.

In June 2015, we submitted an update to the Integrated Application to the Alberta Energy Regulator and the Canadian Environmental Assessment Agency. The update provides a comprehensive environmental assessment of the Frontier project and incorporates:

- Regulatory changes made since 2011
- New data collected since 2011 (supplementing data collected since 2008)
- New scientific research
- Feedback from Aboriginal groups and stakeholders through consultation and four rounds of Supplemental Information Requests (SIRs)

Project Update Highlights:

- Improved project economics
 - Revised mine plan recovers 200 million barrels more bitumen within a smaller project footprint
- Incorporated recent advances in scientific techniques, engineering and technology
- Lower greenhouse gas emissions
- Improvements to our tailings management plan include:
 - Disposal of soft tailings in pit (provides secure containment)
 - No active tailings dams in the closure landscape
 - Designed to comply with Alberta's new Tailings Management Framework
 - Use of centrifuge technology to remove more water from fluid fine tailings
 - Less water use
 - Progressive reclamation during operations

Teck

Frontier Project Milestones



The Ronald Lake Bison Herd

The Ronald Lake bison herd, comprised of approximately 186 animals (2013 Government of Alberta data), has been identified by local Aboriginal communities as a culturally significant species. Both Aboriginal traditional knowledge and available western science indicate that the herd ranges in the Frontier project area. Teck has taken steps to better understand and protect the herd by participating in the following activities and initiatives:

- Ronald Lake Bison Herd Technical Team
 - Formed in 2014, this multi-stakeholder group has a mandate to identify knowledge about the herd, and gather this knowledge as required, for the purpose of informing regulatory and management decisions that promote the herd's current and future viability. Teck is proud to be an original funding member of the team.
- Aboriginal Traditional Knowledge
 - Teck continues to fund the collection of Aboriginal traditional knowledge on the Ronald Lake bison herd.

- Advocacy
 - Teck continues to advocate for the management and protection of the herd. We support Alberta Environment and Parks' efforts to protect the herd from overhunting.
- Frontier Project—Mitigation
 - As part of the Frontier Project Update, Teck completed a comprehensive assessment of the project's potential effect on the herd. We will develop a Wildlife Mitigation and Monitoring Plan for the Frontier project in consultation with Aboriginal communities, stakeholders and regulators and will draw upon both traditional knowledge and western science.

We look forward to continuing this work in collaboration with Aboriginal communities and stakeholders throughout the regulatory process for the Frontier project and beyond.

Quick Facts

What:

- Open pit, truck-and-shovel oil sands mine
- No upgrader on site

Where:

- 110 kilometres north of Fort McMurray, 45 kilometres north of Fort McKay, 110 kilometres south of Fort Chipewyan
- 25 kilometres south of Wood Buffalo National Park
- West side of the Athabasca River

When:

- Potential first oil as early as 2026
- Production would continue until 2066, followed by a closure and reclamation period of between 10 to 15 years

Total disturbance area over life of mine:

- Approximately 29,000 hectares

Product:

- Bitumen (oil) that will be transported via pipeline for further processing

Production:

- 260,000 barrels per day of bitumen



Our Community Relations Team: Front Row: Robin Johnstone, Janais Turuk, Yvonne Walsh. Back Row: Michelle Garnett, Carly Hooegeveen, Patricia Hughes.

New Members of the Frontier Community Relations Team

Robin Johnstone, General Manager, Community & Indigenous Affairs

Born and raised in New Zealand, Robin moved to Canada in 1991 as a wildlife ecologist. He has experience working in diverse places from Antarctica to the Canadian Arctic.

He completed his PhD at the University of Saskatchewan and has had broad exposure to indigenous communities in Canada, especially in BC, NWT and Nunavut.

Robin joined Teck's steelmaking coal business unit in 2008, and has provided leadership since then on environmental and community relations issues. In 2015 he joined Teck's energy business unit to work on the Frontier project.

In his spare time, Robin enjoys spending quality time with those closest to him—often watching his two daughters play soccer. For Robin, a good day is one spent on or in water, swimming or paddling with his family.

Yvonne Walsh, Director, Community & Indigenous Affairs

Yvonne joined Teck's energy business unit in April 2015 bringing with her more than 20 years of oil sands experience. She is no stranger to Fort McMurray—her home for more than 33 years—and the Regional Municipality of Wood Buffalo, where she spent many of those years as supervisor of community development.

Having lived and raised two children in Fort McMurray, Yvonne has a deep understanding of the concerns that can surround new oil sands projects. She is dedicated to working with communities to address concerns and find long-term solutions that work for both parties.

Outside of work, Yvonne can be found in the great outdoors. She is an avid motorcyclist and enjoys sitting around a campfire with good company.

Michelle Garnett, Community Relations Coordinator

Michelle joined Teck's energy business unit in June 2015 to work on the Frontier project. From her previous involvement in the energy sector, Michelle brings

comprehensive experience in community consultation, Alberta Utilities Commission applications, community engagement and Aboriginal relations.

When not in the office Michelle can often be found in the mountains, on a volleyball court or on the back of a horse. Having been raised on a cattle ranch during her formative years she has been riding since she could walk and even travelled to Germany to train after university.

With a keen interest and passion for engagement and investment within communities, Michelle is looking forward to working with the team at Teck to further develop our community support and relationships.

Carly Hoogeveen, Community Relations Coordinator

Carly joined Teck's steelmaking coal business unit in 2012 and has worked at both our Quintette project near Tumbler Ridge, B.C., and our Sparwood office in southeastern B.C. She joined the energy business unit in December 2014 to work on the Frontier project, bringing with her broad experience in community engagement.

Carly grew up enjoying the beautiful outdoors on Vancouver Island. In her down time, Carly enjoys getting out for a round of golf, camping with friends, or catching fish. Carly loves to explore new places; she developed a love for travel while backpacking through South America.

One of the things Carly enjoys most about working at Teck is the flexibility to be creative while working alongside communities to identify meaningful ways we can contribute to community development.

Our Energy Business

Teck's energy business includes a 20% interest in the Fort Hills oil sands project currently under construction, 100% ownership of the Frontier oil sands project and a 50% interest in the Lease 421 Area. We also have a 49% interest in the Wintering Hills wind power facility near Drumheller, Alberta.

About Teck

We are Canada's largest diversified resource company, committed to responsible mining and mineral development. We produce materials essential to the quality of life of people around the world – copper, steelmaking coal, zinc and energy. Our head office is in Vancouver, British Columbia, and our energy business unit is based in Calgary.

We are a proud founding member of Canada's Oil Sands Innovation Alliance (COSIA); an alliance of oil sands producers focused on accelerating the pace of improvement in environmental performance in Canada's oil sands through collaborative action and innovation.

Contact Us

As the Frontier project progresses through the regulatory process, we continue to build meaningful relationships with communities in the region. We believe that community engagement is built on a foundation of trust, respect and open dialogue. We invite you to reach out to any member of our team if you have any questions or concerns about the Frontier project or our development intentions in the oil sands region.

For more information, contact:

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