

Northeast Alberta Thermal in situ operations

At a Glance

Primrose and Wolf Lake (PAW), Kirby and Jackfish



NOVEMBER 2023



LOCAL ECONOMY

Supporting jobs, companies and public services (health, safety and education)

- Local direct and indirect (suppliers) jobs
- Revenues to governments in royalties and corporate taxes
- Property taxes to municipal governments



LOCAL EMPLOYMENT

619 full-time staff
including contractors

23 post-secondary students
in cooperative work terms
in 2022



2022 LOCAL COMMUNITY HIGHLIGHTS

Working together

“A big thank you to Canadian Natural for choosing to work with us at the Kinsmen Club. It's been a great partnership and it does great things for the community. I'm excited for the future.

Gerry Webster,
President, Lac La Biche Kinsmen Club

30+ community organizations supported

Anzac Recreation and Social Society, Lac La Biche Victim Services, Lac La Biche Health Foundation, Ronald McDonald House, Society for the Prevention of Cruelty to Animals, local food banks and community sports clubs.

Employee volunteering

Our employee-led initiatives, such as hockey and golf tournaments, raise funds for local groups every year, including the Northern Lights School Division, and the Cold Lake and Bonnyville Minor Hockey Associations.

Supporting education

Funding for food security programs at outreach schools in the Cold Lake region allows these schools to prioritize budgets to upgrade technology, facilities, and other pressing needs.

Investing in the Communities



Our teams at Jackfish and Kirby help raise funds for the Cash for Cans program, run by the Lac La Biche Kinsmen Club. This program supports many local organizations, including family supports, schools, food banks and sports.



We continue to support Hearts For Healthcare to help purchase medical equipment, including an elevating wheelchair and bed wedge, to improve home care, public health and recreation therapy in the Cold Lake area.

“The morale packages make a big difference in the lives of our deployed members. I'm grateful for the amazing relationship we've built with the Canadian Natural team.”

- Judith Chance,
4 Wing Military Family
Resource Centre Society



Our support of Portage College includes the Project of Heart, using art to increase awareness about Truth and Reconciliation, and community barbeques to encourage Indigenous kids to stay in school.



2022 CORPORATE FACTS



EMPLOYMENT CREATION

87,755 full-time equivalent (FTE) jobs
including direct, indirect (suppliers) and induced (economy at large) supported by operational and capital spending in Canada, with the majority of jobs in Alberta (78,160 FTE)

10,035 direct employees across operations

474 post-secondary students
in cooperative work terms across operations

Indigenous Business Development

We work with Indigenous companies and contractors, and support local training and capacity building



COMMUNITY FACTS

\$30 million invested
in local communities

15,650 hours of employee volunteering across operations

\$684 million in Indigenous contracts,
a 20% increase from 2021, with 167 Indigenous businesses

135 scholarships & bursaries awarded to post-secondary students across our operations, including students in the Northeast Alberta area



INITIATIVES IN OUR OPERATIONS

Improving Safety

Our local teams follow active safety improvement plans focused on meeting our ultimate goal of "No harm to people; No safety incidents." We have reduced total recordable injury frequency by 43% since 2018.

Technology and Innovation

Solvent enhanced recovery technologies will have a significant role on our journey to net-zero oil sands emissions. Our pilot at Kirby South tested solvent addition, which reduces water and steam required in the steam-assisted gravity drainage (SAGD) process, showing GHG intensity reductions of ~45%.



ENVIRONMENTAL HIGHLIGHTS

8% reduction in corporate greenhouse gas (GHG) emissions intensity since 2018

8.6 million trees planted across all operations to date — one of the final reclamation steps to support a healthy ecosystem

50% reduction in methane emissions in our conventional and thermal operations since 2016

12,641 hectares reclaimed in conventional and thermal operations since 2016 — equivalent to more than 15,600 Canadian football fields

3,121 wells abandoned in conventional and thermal operations in 2022, taking inactive sites out of service in a safe and environmentally sound manner



Reverse osmosis treatment system at PAW improves water recycling capabilities and reduces natural gas consumption

Pathways Alliance

Established by Canada's six major oil sands operators, including Canadian Natural, with the goal of working with governments to reduce GHG emissions from oil sands operations to net zero by 2050 and become the preferred supplier of responsibly-produced oil to the world. Watch this [video](#) on carbon capture and storage — one of the key technologies to achieve net zero.

"To develop people to work together to create value for the Company's shareholders by doing it right with fun and integrity."

To keep up to date with what's happening at Canadian Natural and our involvement in your community, follow us on: