



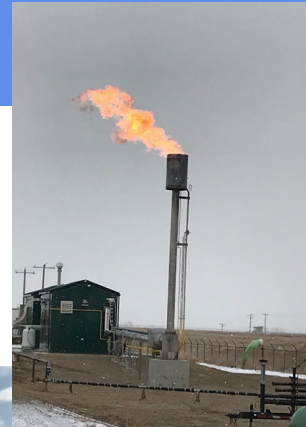
Environmental Achievement Award

ENERGY CONSERVATION

The anaerobic lagoon, commissioned in 2020 and operational in 2021, has significantly reduced CO₂ emissions by capturing and flaring methane. The reduction from 102,151 metric tons (2020) to 1,698 metric tons (2023) represents a 98% decrease in emissions, which translates to a substantial positive environmental impact. Given methane's global warming potential (GWP) of 25 times that of CO₂ over 100 years, the capture and destruction of methane contribute even more significantly to mitigating climate change.

The upgrade of the system generally includes the following new major components:

- One 30 million gallon lined anaerobic lagoon, with biogas cover and collection system, and stormwater removal.
- Anaerobic lagoon influent piping, metering, and sampling system.
- Biogas blower system and piping.
- Anaerobic lagoon discharge piping, metering, and sampling system.



JBS FOODS CANADA
2024 WINNER