

Summer 2023

# Base Mine Extension Project Update



Base Mine Extension

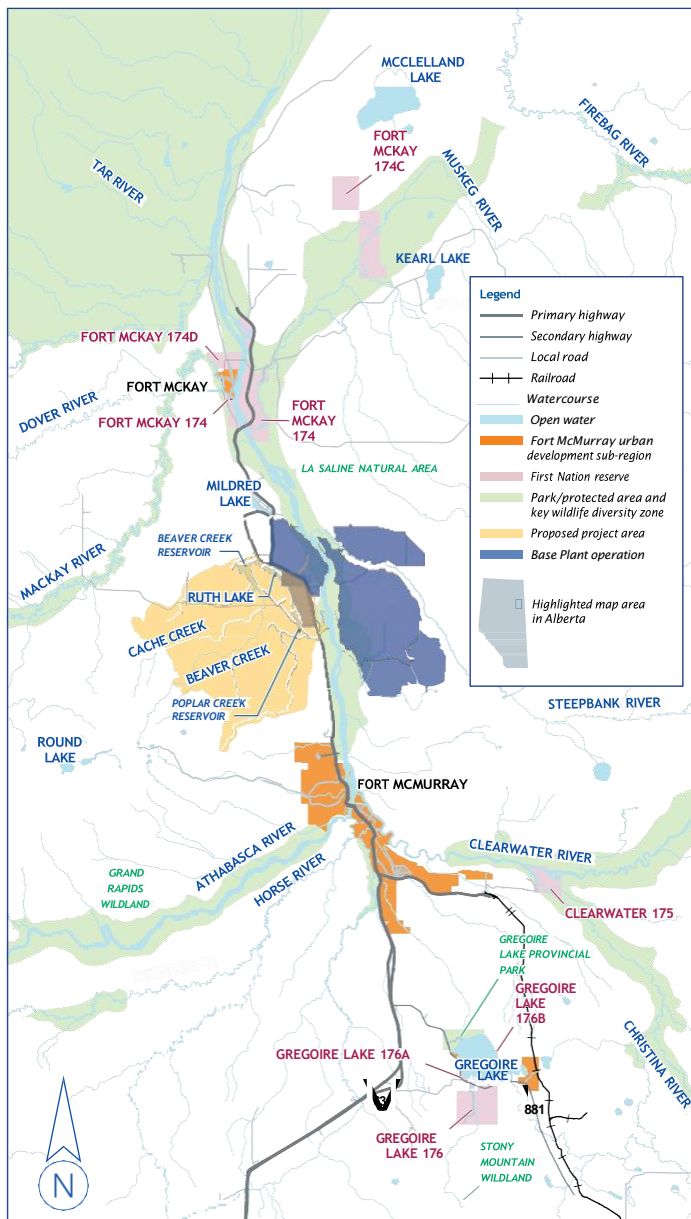


Figure 1. Project area map

## Purpose

You are receiving this newsletter because you have been identified by Suncor as a stakeholder in the Base Mine Extension Project (the project). While we are still in the early stages of developing a regulatory application for the project, we want to ensure that you stay informed on our progress and plans. This is our first newsletter of 2023 and the third newsletter for the project. You can find a copy of previous newsletters at [www.suncor.com/en-ca/what-we-do/oil-sands/base-mine-extension](http://www.suncor.com/en-ca/what-we-do/oil-sands/base-mine-extension). If you have questions, concerns or wish to be removed from this mailing list please reach out to [basemineextension@suncor.com](mailto:basemineextension@suncor.com).

## Background

The project is being proposed as an extension to our existing Base Plant operations. The project would consist of a new mine and primary extraction facilities on the west side of Highway 63 north of Fort McMurray, Alberta. The project is located adjacent to our existing operations, so that we can leverage existing secondary extraction facilities, upgrader and power utilities. The project is expected to produce up to 225,000 barrels per day of bitumen froth over 25 years. Production would start ramping up in the early to mid-2030s once the existing sources of mined bitumen supplying Base Plant are depleted.

The project is intended to replace, as opposed to expand, existing production.

## The Project So Far

# 2019

Early Engagement

# 2020

Developing Project  
Description

# 2021

Regulator Guidance  
for Assessment

### 2019

- Early engagement with Indigenous communities was undertaken prior to formal project announcement to assist Suncor in the development of the Initial Project Description, including in-person meetings to review preliminary material including project location, type, schedule, regulatory process and future consultation opportunities.
- Engagement was focused on communities located near the proposed project and included Fort McKay First Nation, Mikisew Cree First Nation, Athabasca Chipewyan First Nation, Fort McMurray No. 468 First Nation, Fort Chipewyan Métis Local 125, Fort McKay Métis Nation, Fort McMurray Métis Local 1935, and Chipewyan Prairie First Nation.

### 2020

- Suncor submitted the Initial Project description to the Impact Assessment Agency of Canada (IAAC) to make other Indigenous communities and stakeholders aware of the project.
- Suncor engaged with potentially impacted Indigenous communities, trappers, and public stakeholders to identify any issues or concerns with the proposed project, which were then incorporated into the Detailed Project Description.
- Based on the contents of the Detailed Project Description, IAAC determined that an impact assessment was required for the project and that this assessment will be reviewed by an independent panel.



# 2022

## Developing Assessment Methodology

# 2023

## Evaluating Improvement Opportunities

Indigenous consultation, engagement and community-led studies

Data collection to support the impact assessment

### 2021

- The Alberta Energy Regulator (AER) released Terms of Reference for the Provincial component of the impact assessment.
- IAAC released the Tailored Impact Statement Guidelines, Indigenous Engagement Partnership Plan, and Public Participation Plan, which collectively provide the guidance on how the Federal component of the impact assessment should be conducted.
- IAAC identified 37 Indigenous communities in Alberta and the Northwest Territories that may be potentially impacted by the project and require either consultation or engagement (notification) by Suncor.
- Indigenous community consultation was focused on impact assessment methodologies including planning for community-led assessment of potential project impacts on traditional land use, health, socio-economics, rights and culture.
- Suncor hosted a virtual public townhall presentation to engage a broader audience of stakeholders on the project and identify any public concerns.

### 2022

- Suncor hosted information sessions, a workshop with community members and one-on-one meetings with Indigenous communities to discuss key aspects of the impact assessment methodology.
- Suncor hosted five site visits to provide an opportunity for Indigenous community members to observe some of the baseline environmental data collection occurring at the Project site in support of the impact assessment.
- As the result of Indigenous feedback and evolving Federal greenhouse gas regulation, Suncor requested an extension for submission of the Impact Statement (February 28, 2025).

### 2023

- Suncor is currently evaluating potential project improvement opportunities to align with Indigenous feedback and evolving greenhouse gas regulations.
- Suncor is working collaboratively with regulators, Indigenous communities and stakeholders to progress the application.





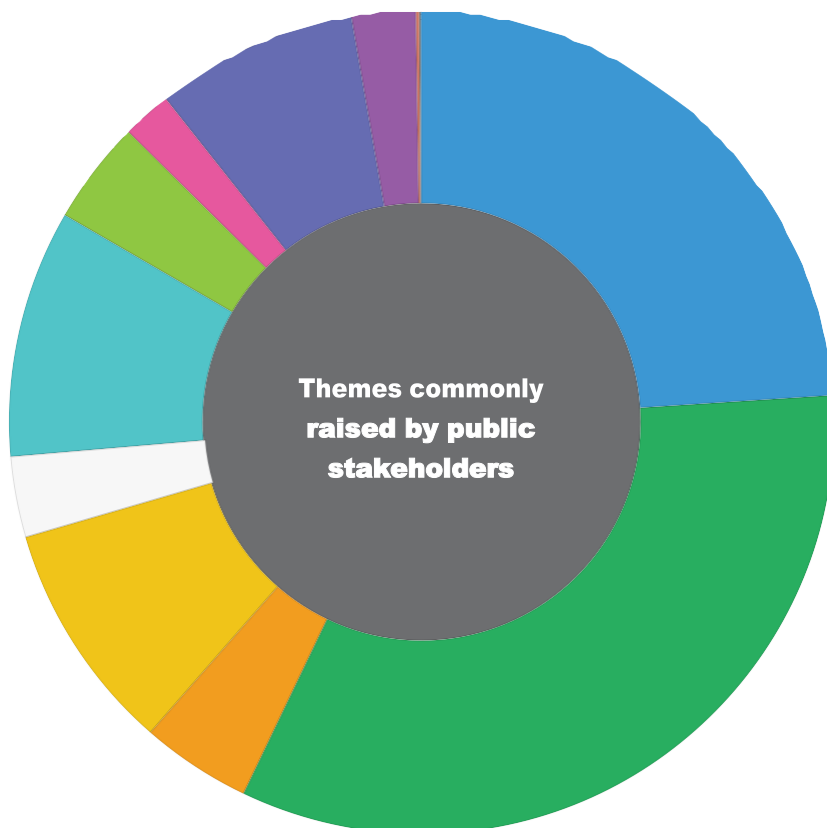
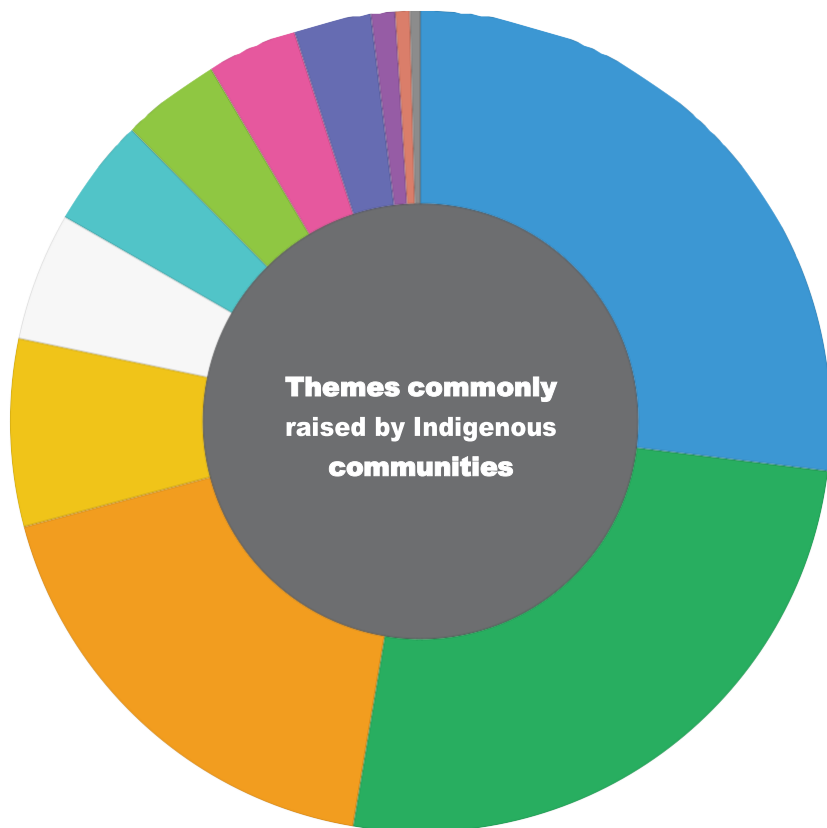
## Indigenous Consultation & Engagement

Since early 2020, when work on the project application started, there have been:

- 10,000+ touchpoints between Suncor, Indigenous communities and public stakeholders regarding the project
- 450+ meetings with Indigenous communities and public stakeholders
- 10+ regulatory and consultation updates to representatives
- 5 days of in-person community site visits, with 13 Indigenous communities in attendance
- 100+ hours of consultation with technical consultants, Indigenous community representatives, community members, land users and Elders
- 1 virtual public townhall presentation
- Translations of the initial project description into Cree and Dene

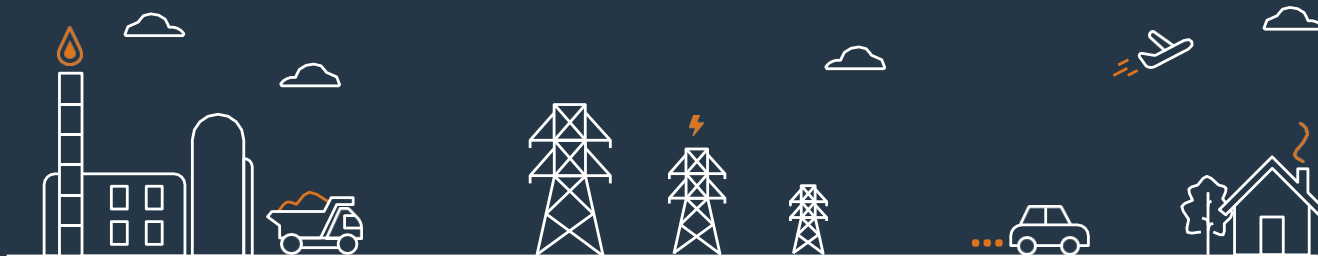
## What We Have Heard So Far

Suncor values feedback, concerns and questions. We will continue to incorporate feedback where possible into the project. Through various meetings, workshops, site visits, emails and phone calls we have received more than 5000 inputs to the project in the form of questions, comments or concerns. Common areas of feedback from Indigenous communities include: the consultation process; study and analysis procedures; water, land and resource use; wildlife and fish. Top areas of input from other stakeholders include the consultation process; water, wildlife and fish; air quality; and study and analysis procedures.



# Be a net-zero greenhouse gas emissions company by 2050 and substantially contribute to society's net-zero goals

By 2030, reduce annual emissions by 10 megatonnes across our value chain



Reduce our scope 1 and 2 emissions through base business improvements

Grow low-emissions energy businesses in renewable fuels, electricity and hydrogen to address our scope 2 and 3 emissions

Work with others to reduce value chain emissions, including scope 3

*Suncor Goals and Strategy on Greenhouse Gas Emissions*

## Emerging Greenhouse Gas Regulations and Guidance

In 2022, two years after Suncor developed our Detailed Project Description, several key developments occurred to the Federal greenhouse gas regulatory landscape, including release of the following documents:

- Federal Emissions Reduction Plan
  - Contains forecasted reductions for Oil & Gas sector (42% by 2030 from 2019 levels)
- Options to Cap and Cut Oil & Gas GHG Emissions to Achieve 2030 Goals and Net-Zero by 2050
  - Discussion paper with options to reduce emissions in line with Emission Reduction Plan
- Draft Best in Class GHG Emissions Performance for New Oil & Gas Projects
  - Proposes new projects have emissions comparable to lowest carbon projects globally

These documents are anticipated to form part of emerging regulatory requirements to substantially

reduce greenhouse gas emissions and as such are being carefully considered as part of Suncor's planning around the project and our operations more generally. As a result, Suncor requested a nine-month extension for submission of our project impact statement, so that we could evaluate any potential improvement opportunities. The new submission date is February 25, 2025.

Suncor has committed to be a net-zero greenhouse gas emissions company by 2050 and we have already started making progress towards these goals with construction underway at Base Plant for cogeneration units that will replace the coke fired boilers. Additionally, proposed projects such as the Pathways carbon sequestration project are progressing through the planning stages. Should you be interested in more information about Suncor's overarching strategy or reduction projects, please consult the [Suncor Climate Report](#).

## Cultural Moment

June was National Indigenous History Month in Canada, a time to celebrate and honour the diverse cultures, histories, and contributions of First Nations, Inuit, and Métis peoples. It is an opportunity to learn about the rich traditions and resilience of Indigenous communities, as well as the ongoing challenges they face. It is a time to reflect on the past, present, and future of Indigenous peoples in Canada, and to work towards reconciliation and healing.



## Summer Safety Moment

The Base Mine Extension project team would like to remind you to enjoy a safe summer with the following summer safety moments:

### **Summer Weather Safety Moment:**

Temperatures can rise quickly and unexpectedly in the summer. Dress in lightweight, breathable clothing and carry a water bottle with you wherever you go. Apply sunscreen regularly and seek shade when possible, to avoid heat exhaustion or heat stroke.

# Next Steps

Suncor anticipates finalizing the assessment methodologies and baseline study design program later this year. Following that, Suncor anticipates being able to proceed with modelling of potential project effects.

Suncor will continue to engage with you as the project progresses to keep you informed of project updates and opportunities to provide input on the project.

## How to Reach Us

If you have any questions, concerns or comments please reach out to our project team at:

**Email:** [basemineextension@suncor.com](mailto:basemineextension@suncor.com)

**Toll-Free:** 1-855-955-3054

Additional information can be found on the project webpage at:

**[www.suncor.com/en-ca/what-we-do/oil-sands/base-mine-extension](http://www.suncor.com/en-ca/what-we-do/oil-sands/base-mine-extension)**