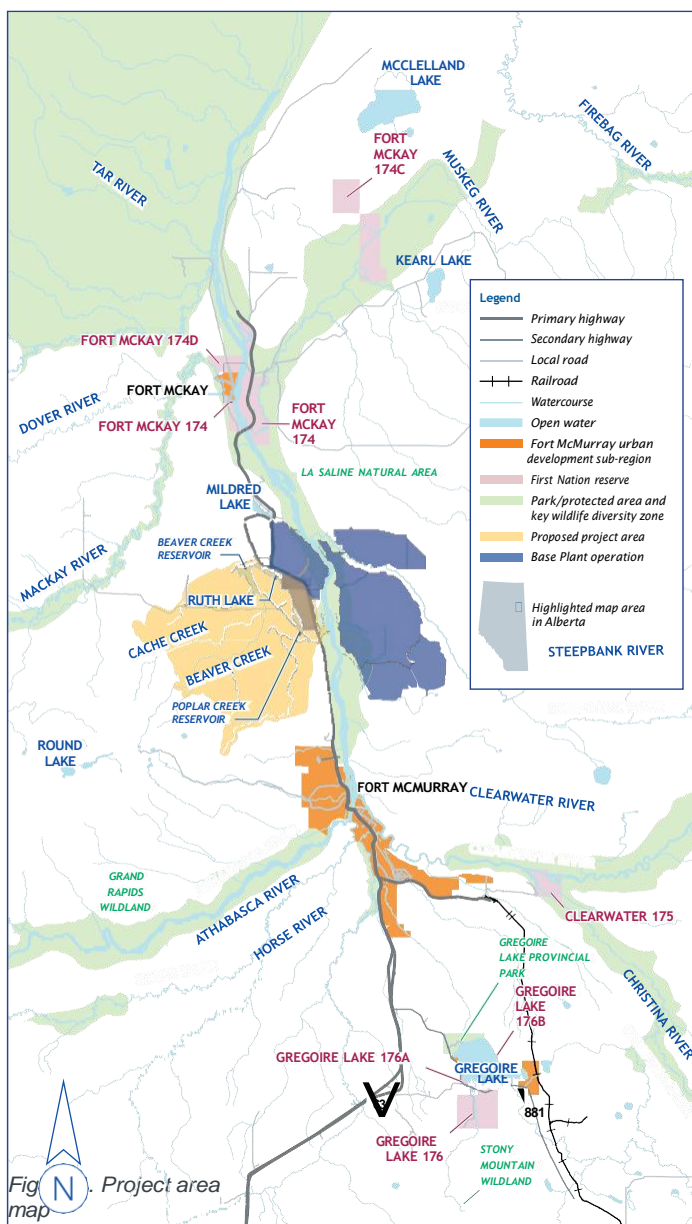




Base Mine Extension Project Update

Fall 2022



Purpose

You are receiving this newsletter because you have been identified by Suncor as a stakeholder in the proposed Base Mine Extension (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. We will be sending a project newsletter at least twice per year going forward and will be offering a variety of other engagement activities that you are encouraged to participate in. If you have questions, concerns or wish to be removed from this mailing list please reach out to 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. The project is located adjacent to our existing operations, so that we can leverage the 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 bitumen at Base Plant are depleted.

The project is intended to replace, as opposed to expand, existing production. As such, Suncor views the project as a key component to the continued economic sustainability in the region.

Anticipated Project Timeline

The project is currently developing a joint application to both the Provincial and Federal regulators, which is intended for submission by early 2025. Regulatory approval is determined based on whether the project is in the public interest, from an assessment of

the potential for positive and negative impacts. If regulatory approvals are received, then the next step would be for Suncor to make a decision around financial sanctioning to fund the construction and operation.

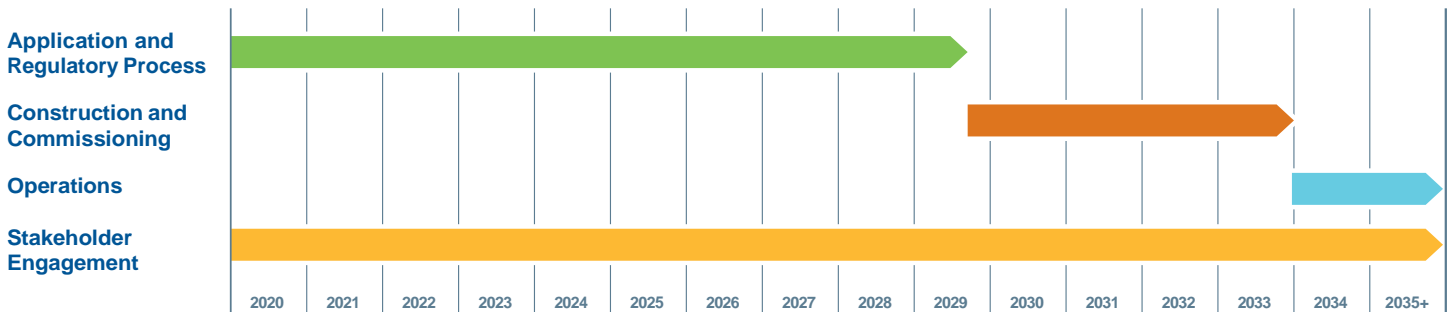


Figure 2. High-Level Schedule for the Proposed Base Mine Extension Project

Impact Assessment

Suncor is currently in the early stages of completing the impact assessment to support the joint Provincial and Federal application. The first stage involves the collection of data to establish existing (or “baseline”) conditions at the project site and in the region. Suncor is in the process of completing a number of field studies in and around the project area. Suncor is also collecting other data that will help to establish baseline conditions, such as Indigenous Knowledge, community-based monitoring programs, scientific studies and publicly available data through initiatives such as the Oil Sands Monitoring Program. These baseline conditions will be used as a basis upon which to understand potential impacts of the proposed project.

These specific studies will complement the regular monitoring that is ongoing (e.g., air monitoring, groundwater, surface water quality and streamflows etc.).

Baseline Field Programs

In order to establish baseline conditions, Suncor has been collecting environmental data since 2004. While large amounts of baseline monitoring data have already been collected, the Federal application process requires that some additional specific studies be completed in 2022 to address key environmental aspects such as:

- Dust levels
- Ice conditions of lakes and streams around the project site
- Tissue sampling of aquatic life
- Visual aspects (views and light pollution)
- Potential for bat and bird species at risk



Figure 3. Baseline Field Survey Disciplines for the Proposed Base Mine Extension Project



Ice-Thickness Monitoring (Golder-WSP)



Streamflow Monitoring (Golder-WSP)

Net-Zero by 2050

As an energy company with a strategy that keeps us resilient for the long term, Suncor is charting a path to a net-zero world by reducing emissions in our base business, while expanding in complementary low-emissions businesses and working with our customers, governments and partners to realize our shared climate objectives. One of our strategic objectives is to be a net-zero greenhouse gas emissions (GHG) company by 2050. We have also set a goal to achieve 10 megatonnes (Mt) of annual emission reductions by 2030 across our value chain. Suncor is also a member of the Pathways Alliance.

Indigenous Consultation & Engagement

Operating for more than 50 years in the Wood Buffalo region, Suncor has worked to build positive, meaningful relationships with those it shares the region with. Suncor provides opportunities to participate in an open and transparent process that facilitates engagement. We acknowledge the interests of local Indigenous people regarding our environmental stewardship and engage with them on matters such as end-land use, air quality and local operational updates.

Consultation occurs regularly and directly on key projects. We began early engagement with many Indigenous communities that work to mitigate project-specific concerns.

Due to COVID-19, in-person engagement has been limited over the past few years. In the future, we look forward to engaging collaboratively with you as the project progresses.

What we have done



· 40+ in-person meetings have taken place to discuss the project



· 300+ virtual meetings and conference calls



· 1 virtual public townhall presentation



· 4000+ questions, concerns and comments about the project

What we have heard

Suncor values feedback, concerns and questions and will continue to incorporate feedback where possible into the project. Through various meetings and presentations, we have heard that dust, noise, tailings and reclamation are among the most important issues to Indigenous communities and stakeholders. We will continue to provide up to date information on these topics as the project progresses. See our Frequently Asked Questions document for additional information.

Community Benefits

Suncor works with government, industry and community groups to develop coordinated, long-term approaches to address social and economic effects of oil sands development.

Suncor's investment in the project will benefit nearby communities, Alberta, and Canada through:

- employment opportunities
- promotion of economic growth and business development
- continued use of existing oil sands processing facilities
- creating value from Canada's oil sands resources
- fostering opportunities to implement innovations that are currently being developed and enabling ongoing investment in research and development
- valuable revenues for governments
- education and training
- community investment

Next Steps

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, including upcoming open houses.

How to Reach Us

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

Email: 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

Parsons Creek Committee – We want your input!

Suncor is looking to develop a Parsons Creek Committee to give residents in Fort McMurray the opportunity to learn more about the project and provide feedback directly to the Base Mine Extension project team.

If you would be interested in joining the Parsons Creek Committee or would like more information about the Committee, please email

basemineextension@suncor.com.



Field Work

