

MEADOW CREEK EAST PROJECT

2021 Annual Project Report



June 17, 2022



1.0 INTRODUCTION

In accordance with conditions 5.25 through 5.27 of the Meadow Creek East project approval (PIA-003) Suncor Energy Inc. (Suncor) is providing the information below required for the 2021 Annual Project Report.

2.0 PROJECT UPDATE

The Meadow Creek East project was approved by the Alberta Energy Regulator (AER) on March 27, 2017.

2021 Activities

No tree clearing, disturbance or reclamation activities were completed in 2021 under the Meadow Creek East Project Approval.

Proposed 2022 Activities

No tree clearing, disturbance or reclamation activities are planned in 2022 under the Meadow Creek East Project Approval.

Suncor has deferred the Meadow Creek East project and no activities regulated by the approval are planned for 2022. The operational life of the project remains 25 to over 40 years.

3.0 COMPLIANCE

Since receiving approval on March 27, 2017, Suncor has been working to identify and action regulatory compliance requirements. Suncor will continue this work through 2022. As no activities have been conducted since receiving the approval, there are no audits, inspections or compliance actions to report at this time.

4.0 LAND/ENVIRONMENTAL

There has been no update to the information required by the AER for Land/Environmental since project approval was received. No new environmental sensitivities have been identified for the Meadow Creek East project.

5.0 APPROVAL

There have been no changes to the project scope since the approval was received. Suncor has deferred sanctioning the Meadow Creek East Project and no activities regulated by PIA-003A are currently planned for the next three years.



As per Schedule 9 of the approval, Suncor submitted a request to cancel or extend the deadlines for select approval conditions. The updated, authorized submission dates are noted below:

- Schedule 5 Table D
 - The first Soil Monitoring Program proposal and the first Soil Monitoring Program report is not required to be submitted
 - The Reclamation Monitoring Program proposal submission was deferred to June 30, 2025
- Administrative changes
 - Removal of *Water Act* preliminary certificate (Section 11.1) and *Water Act* license - surface water (Section 11.2) due to the expiry of the *Water Act* preliminary certificate expiry
- Water Act

The Water Act License No. 00376673-00-00 was renewed under two separate licenses, both now expiring on March 26, 2032:

- 00376673-01-00 for alternative nonsaline groundwater diversion from the Lower Grand Rapids Aquifer.
- 00483505-00-00 for high-quality nonsaline groundwater diversion from the Empress Aquifer.

Administrative changes were made to Sections 5 and 8, as well as Schedules 8 and 9. These changes to the wording were made to align with Water Act terminology and does not impact operations. A full list of these changes are listed in Schedule 10 of the approval.

As per Schedule 5, Table N of the approval, an Annual Conservation and Reclamation Report is to be submitted by March 31, annually. The report must follow Specified Enactment Direction (SED) 001: Direction for Conservation and Reclamation Submissions (AER, 2016). As per SED 001, a report for the period of January 1 to December 31, 2021 was to be submitted if construction or land reclamation activities took place. As there were no reportable activities, a letter was submitted to the AER on March 9, 2022 indicating that an Annual Conservation and Reclamation Report would not be submitted for the year.

Suncor continues to engage with project stakeholders including Fort McMurray No.468 First Nation, Chipewyan Prairie Dene First Nation, Heart Lake First Nation, the Regional Municipality of Wood Buffalo, Fort McMurray Metis Local #1935, Willow Lake Metis local, Conklin Metis Local and the Willow Lake Community Association. No new project concerns have been identified since the approval was received.



Meadow Creek East
2021 Annual Project Report

June 17, 2022

6.0 CLOSURE

Please contact the undersigned if you require further information on the Meadow Creek East project.

Regards,

Rahul Jain

Rahul Jain, M.S., P. Eng.
Senior Environmental Advisor
Regulatory In Situ Approvals
Suncor Energy, 150 - 6th Avenue SW,
Calgary, Alberta T2P 3E3

Tel: 403 296 3182

Cell: 587 572 6771

Email: rahjain@suncor.com