

MEADOW CREEK EAST PROJECT

2019 Annual Project Report



June 28, 2019

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 2019 Annual Project Report.

2.0 PROJECT UPDATE

The Meadow Creek East project was approved by the Alberta Energy Regulator (AER) on March 27, 2017. No activities have been conducted since receiving the approval.

2018 Activities

No tree clearing, disturbance or reclamation activities were completed in 2018 under the MCE Project Approval.

Proposed 2019 Activities

No tree clearing, disturbance or reclamation activities are planned in 2019 under the MCE Project Approval.

Suncor has submitted Public Lands Act applications for Borrow pits associated with the MCE Project which are not regulated by the Approval. However; since the SMC and SML borrow pits associated with the MCE Project will be integrated into Suncor's conservation, reclamation and closure planning efforts they have been included in the Annual Project Report and are listed in Table 1.

Table 1. MCE Borrow Pit Summary

Facility Name	Disposition No.	Submission Date (D/M/Y)	Proposed Site Entry
Gravel Pit	SML 020026	17-Dec-2012	Q4 2020
Access to Borrow Pit	Access to SML 020026 DLO 170148	07-June-18	Q4 2020
Borrow Pit	SMC 180077	20-Sept-18	Q4 2020
Borrow Pit	SMC 180113	20-Sept-18	Q4 2020
Borrow Pit	SMC 180114	20-Sept-18	Q4 2020
Borrow Pit	SMC 180081	20-Sept-18	Q4 2020
Borrow Pit	SMC 180109	28-Nov-18	Q4 2020
Borrow Pit	190016	18-Apr-19	Q4 2020

During the upcoming winter of 2019-20, Suncor will be evaluating a resource delineation program in the Meadow Creek East project area through oil sands exploration wells and 3D seismic activities. Suncor is also planning to drill and test new water source wells and

disposal wells.

Suncor is continuing to advance engineering and design of the Meadow Creek East project with early works construction planned to start in Q4, 2020 with central processing facility construction being completed in 2024 pending internal project sanctioning. The operational life of the project remains at 25 to over 40 years. Suncor is planning geotechnical work during the upcoming winter of 2019-20 in order to prepare for engineering and construction.

There have been no changes to the project development plan since the approval was received.

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 2019. 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 project scope since the approval was received.

As per Schedule 5, Table D of the approval, the following proposals were submitted:

- In accordance with condition 8.72, the Wildlife Mitigation and Monitoring Program Proposal was submitted on June 13, 2019.
- In accordance with condition 8.94, the Project-Level Conservation Reclamation and Closure Plan was submitted on June 11, 2019.
- In accordance with condition 8.111, the Wetland and Water Body Monitoring Program Proposal was submitted on March 29, 2019.

The Annual Conservation and Reclamation report was submitted on March 27, 2019 to comply with Schedule 5, Table N of the Approval and it follows the *Specified Enactment Direction (SED) 001: Direction for Conservation and Reclamation Submissions* (AER, 2016) for the period of January 1 to December 31, 2018.

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.

6.0 CLOSURE

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

A handwritten signature in black ink that reads "Michael McClay". The signature is written in a cursive, flowing style.

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