



AGRICULTURE AND RESOURCE DEVELOPMENT

Petroleum Branch

360-1395 Ellice Ave , Winnipeg, Manitoba, Canada R3G 3P2

T 204-945-6577 F 204-945-0586

www.manitoba.ca

October 16, 2020

Ms. Kristin [REDACTED]
Tundra Oil & Gas Limited

[REDACTED]
Winnipeg, [REDACTED]

Dear Ms. Rennie,

RE: Sinclair Unit No. 17 – Waterflood Order & Third Tier EOR Factor

With reference to our letter dated March 08, 2016, please find attached Waterflood Order No. 81 which applies to the unit. Tundra is reminded that separate conversion applications are required for any existing horizontals to be converted to injectors within this new Unit.

The Waterflood order requires Tundra to conduct annual pressure surveys and submit an annual progress report. Tundra is reminded that the 2020 report is to be submitted to the Director within 60 days after the end of the calendar year.

Sinclair Unit No. 17 will qualify for a Third Tier EOR Factor (TTEF). The Branch has calculated a proposed TTEF of 0.8841 to apply to all tracts in the unit. Table 1 shows the TTEF calculation. The TTEF is based on summed estimates of remaining primary recoverable reserves and incremental EOR recoverable reserves for unit. Please provide the Branch with any comments on the proposed TTEF by November 16, 2020.

If you have any questions in respect of the approvals or the TTEF calculations please contact Leo Leonen at (204) 945-6570.

Yours truly,

[REDACTED]
[REDACTED]

Peter [REDACTED]
Director

Cc: *PB Administration, Winnipeg*
PB Virden Office
K. Cabellino – Tundra
D. Knudsen - Tundra

Table 1. Third Tier EOR Factor Calculation

Sinclair Unit #17	
Unit	Sinclair Unit No. 17
Operator	Tundra Oil & Gas Ltd.
Legal Subdivisions	48
Effective Date of Third EOR Production	November 1, 2020
Cumulative Unit Production to April 30, 2020 (m ³)	163,630.0
Primary Recoverable Reserves (m ³)	180,450.0
Incremental EOR Rec. Reserves (IERR) (m ³)	128,320.0
Total Remaining Rec. Reserves (TRES) (m ³)	145,140.0
Third Tier EOR Factor (TTEF)	0.8841