



**AGRICULTURE AND RESOURCE DEVELOPMENT**

Regulatory Services

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January 27, 2021

Ms. Kristin [REDACTED]  
Tundra Oil & Gas Limited

[REDACTED]  
Winnipeg, MB [REDACTED]

Dear Ms. Rennie,

**RE: North Virden Scallion Unit No. 3 – Waterflood Order & Third Tier EOR Factor**

With reference to our letter dated March 27, 2019, please find attached Waterflood Order No. 84 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 2021 report is to be submitted to the Director within 60 days after the end of the calendar year.

North Virden Scallion Unit No. 3 will qualify for a Third Tier EOR Factor (TTEF). The Branch has calculated a proposed TTEF of 0.6066 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 February 26, 2021.

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

Yours truly,

[REDACTED]  
Peter [REDACTED]  
Director

Cc: *PB Virden Office*  
*K. Cabellino – Tundra*  
*B. Howell - Tundra*

**Table 1. Third Tier EOR Factor Calculation**

North Virden Scallion Unit #3	
Unit	North Virden Scallion Unit No. 3
Operator	Tundra Oil & Gas Ltd.
Legal Subdivisions	14
Effective Date of Third EOR Production	February 1, 2021
Cumulative Unit Production to December 31, 2020 (m <sup>3</sup> )	275,168.0
Primary Recoverable Reserves (m <sup>3</sup> )	371,200.0
Incremental EOR Rec. Reserves (IERR) (m <sup>3</sup> )	148,100.0
Total Remaining Rec. Reserves (TRES) (m <sup>3</sup> )	244,132.0
Third Tier EOR Factor (TTEF)	0.6066