



CMD 26-H105.1-REF3

Part 2 of 5

Date: 2026-06-29

**Written Submission from
Orano Canada Inc.**

**Mémoire d'
Orano Canada Inc.**

In the matter of

À l'égard d'

Orano Canada Inc.

Orano Canada Inc.

Application to renew the McClean Lake
Operating Licence for 2-year term

Demande pour le renouvellement du
permis d'exploitation de McClean Lake
pour une période de deux ans

**Hearing in writing based on written
submissions**

**Audience par écrit fondée sur des
mémoires**

September 2026

Septembre 2026

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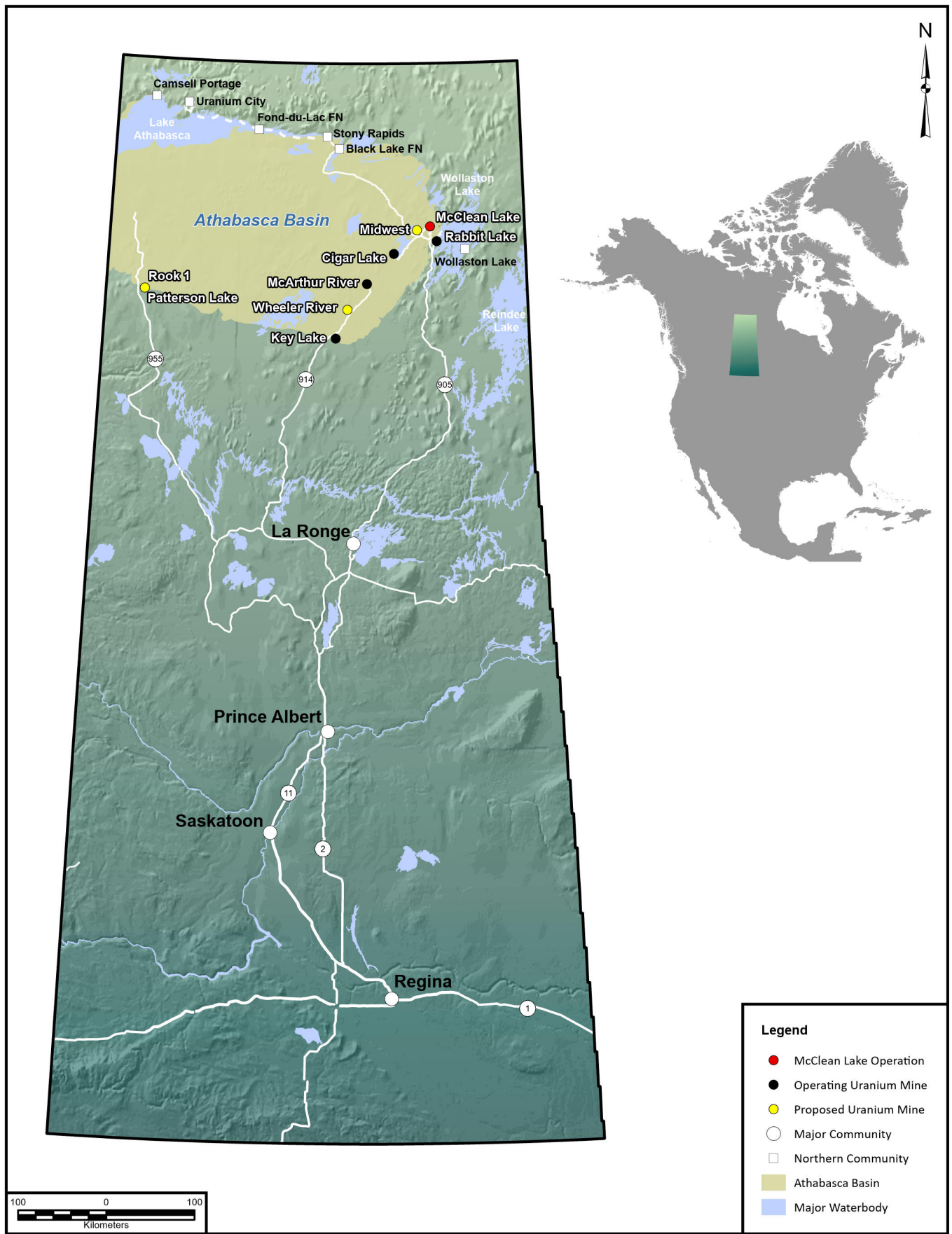
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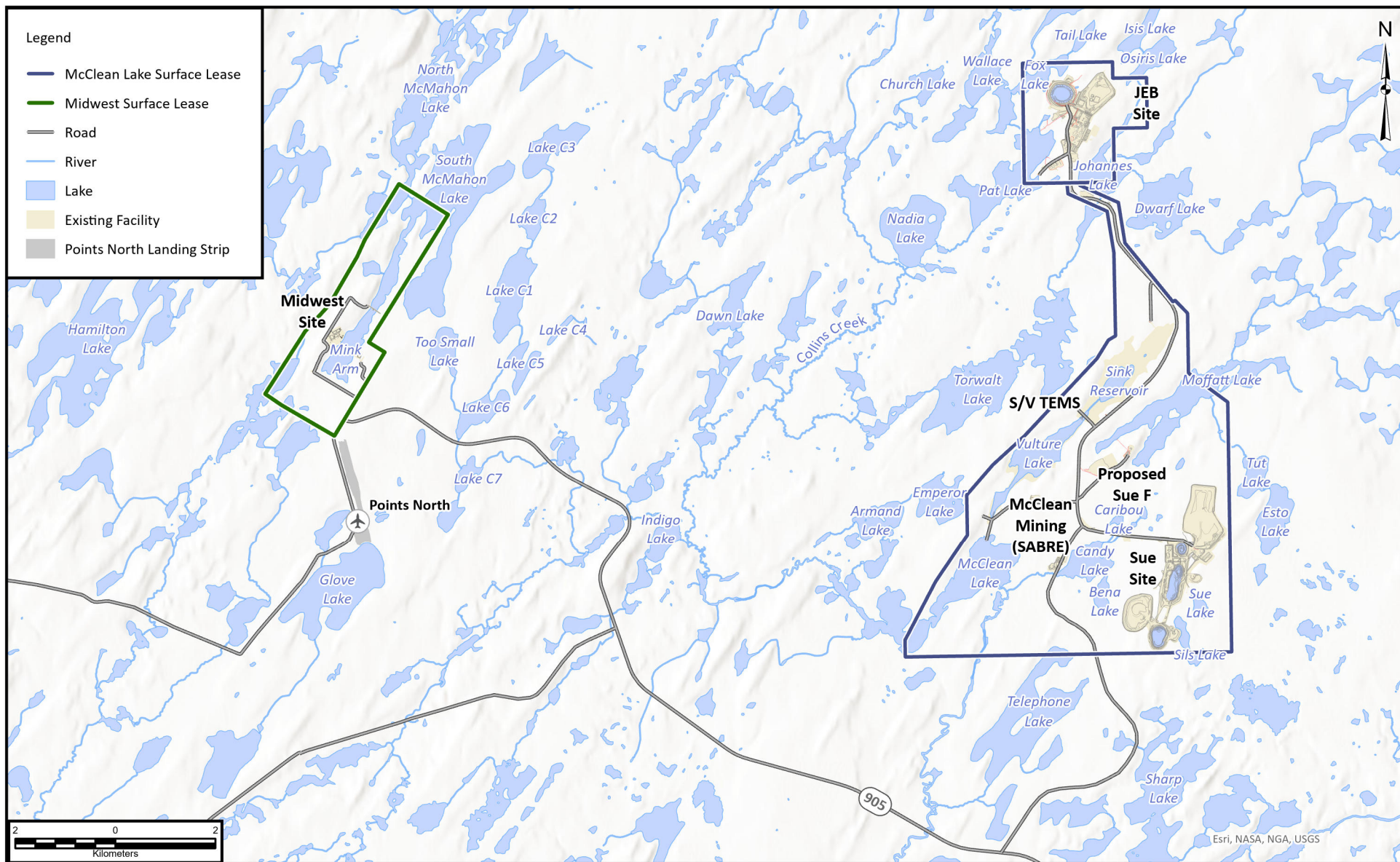
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 Data Sources: Natural Resources Canada, ESRI, ORANO Canada Inc.

McCLEAN LAKE OPERATION

FIGURE 1.1-1
 PROJECT LOCATION - MAP OF SASKATCHEWAN

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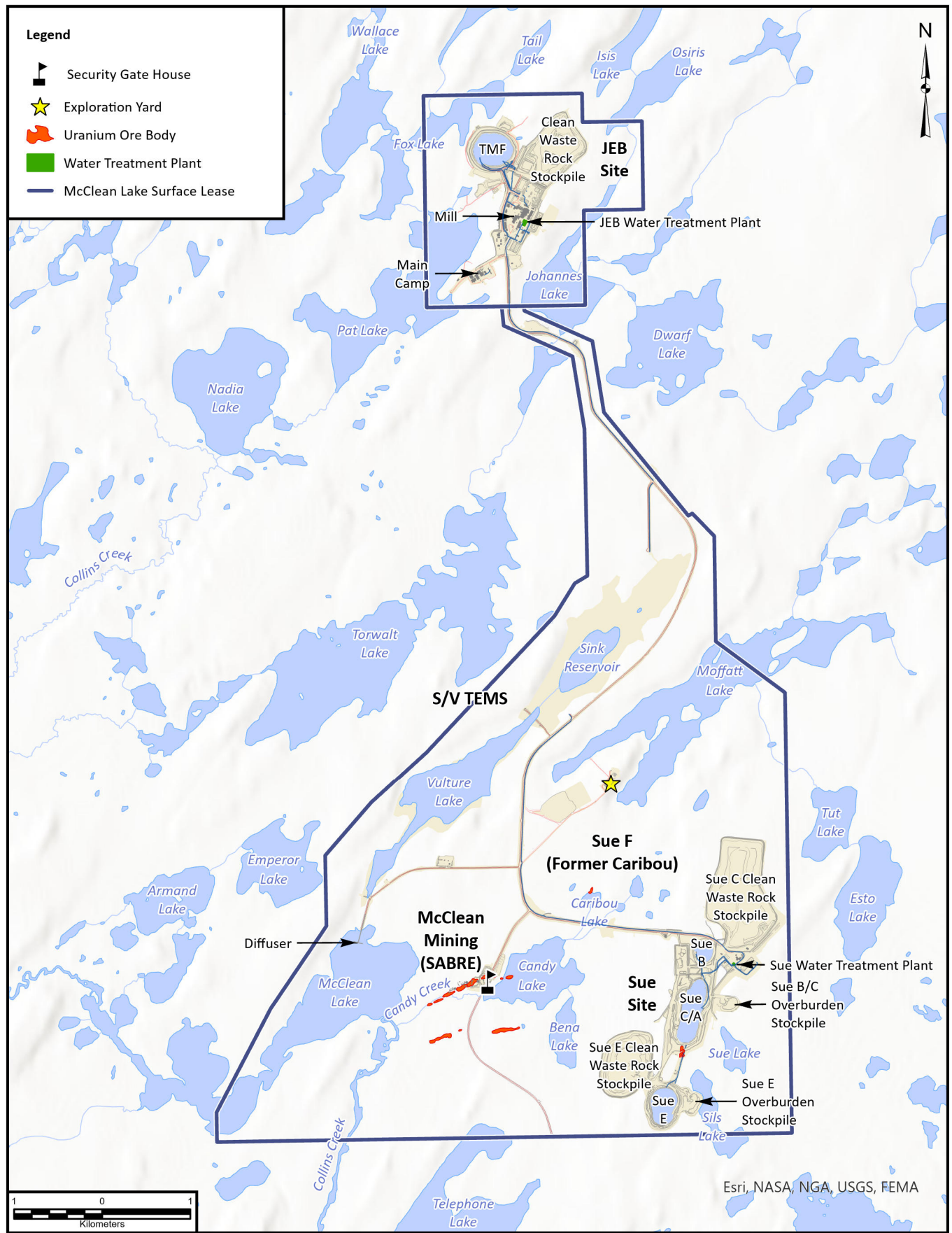
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FIGURE 1.1-2
 LOCATION OF McCLEAN LAKE OPERATION AND MIDWEST SITE

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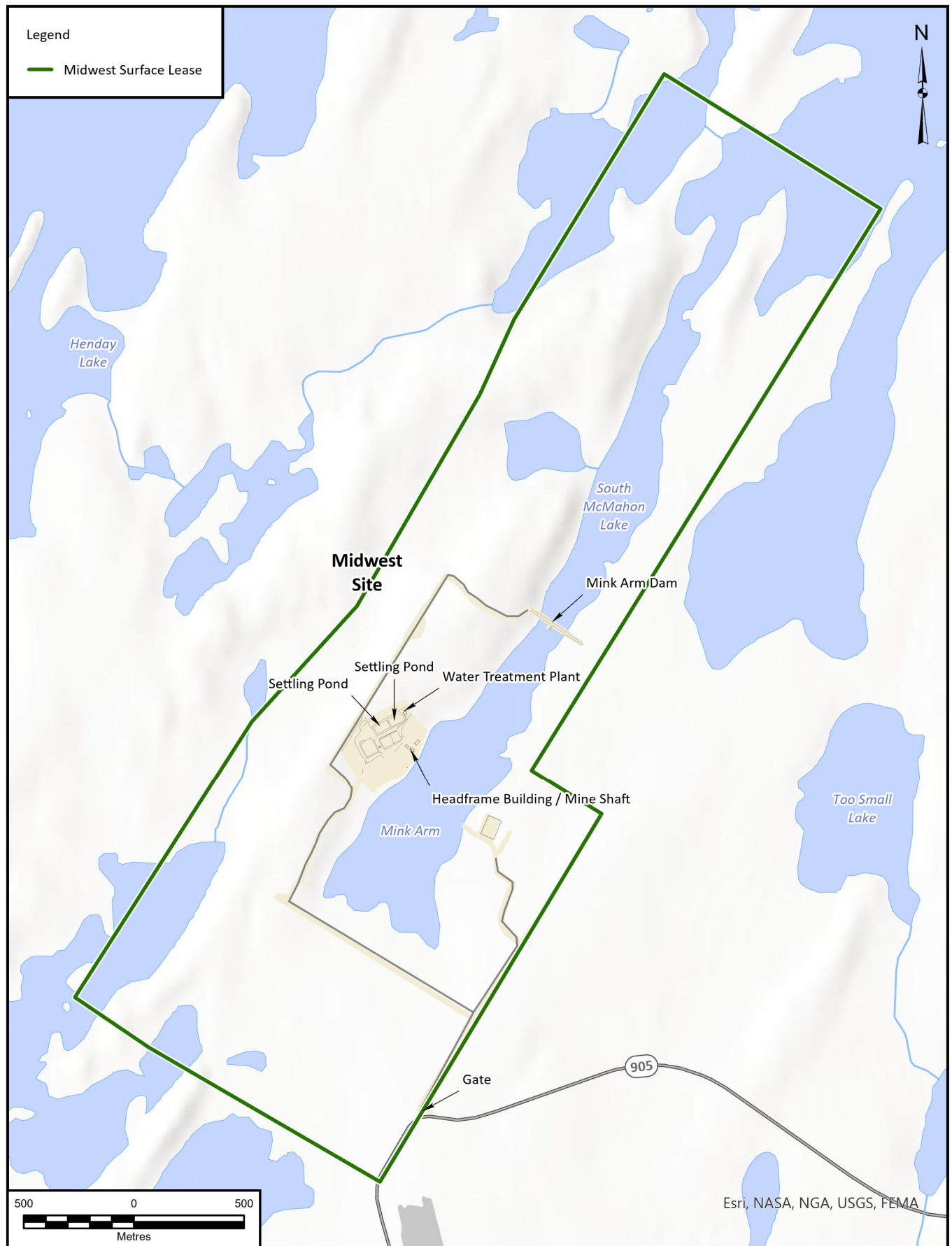
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FIGURE 1.1-3
 McCLEAN LAKE OPERATION SITE

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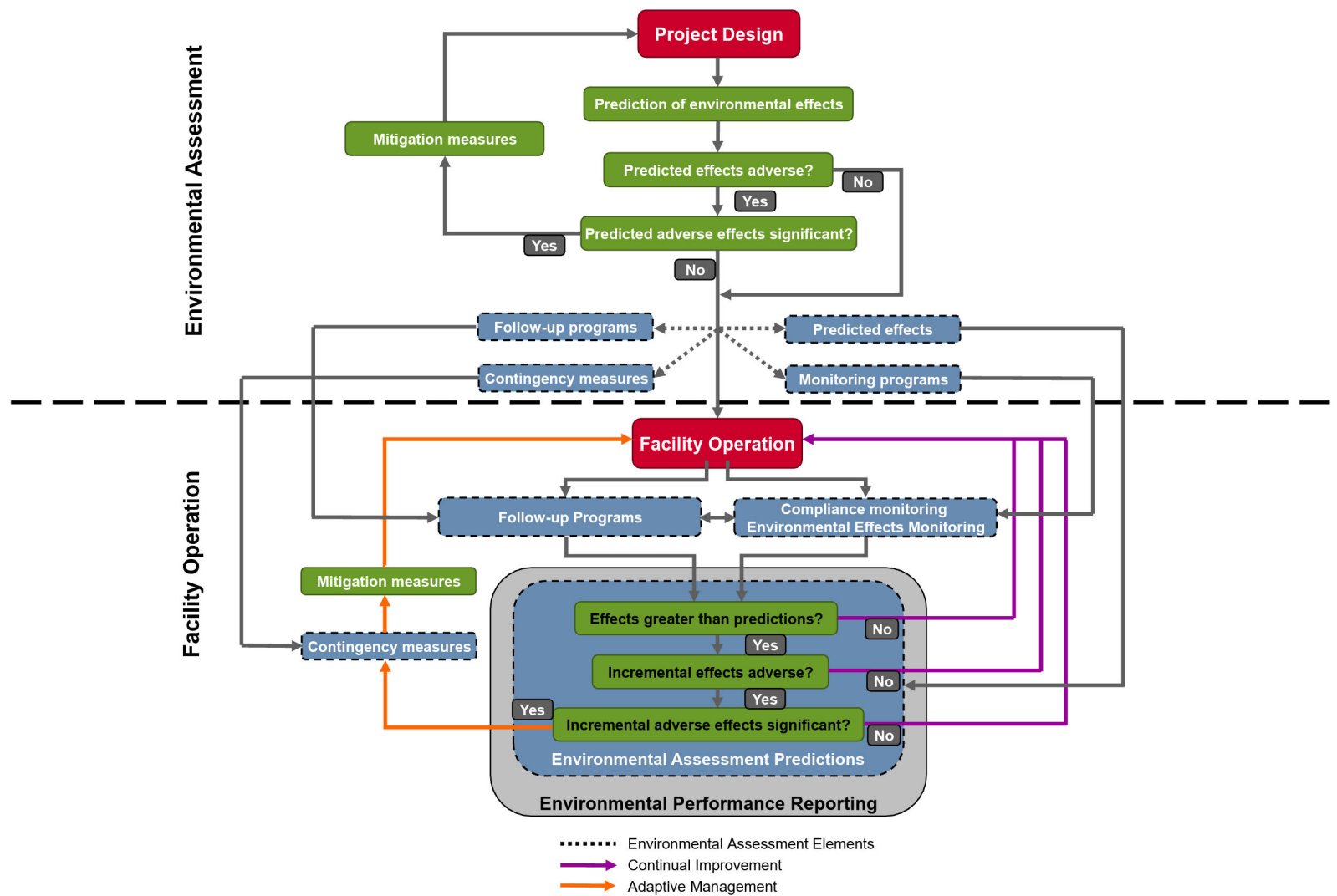
McCLean Lake Operation

FIGURE 1.1-4
 MIDWEST SITE

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Scale: N/A

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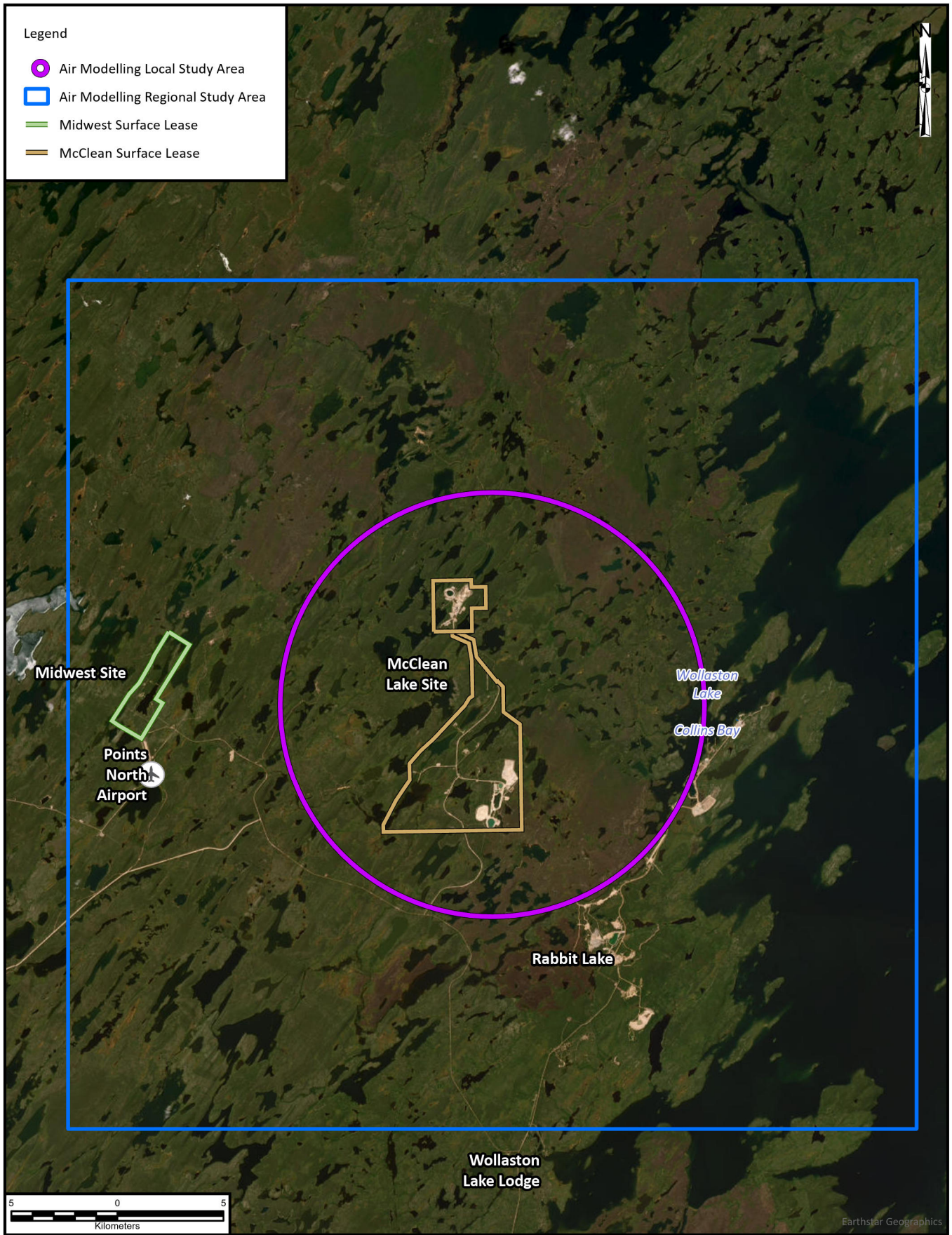
FIGURE 1.5-1
 SUSTAINABLE DEVELOPMENT FRAMEWORK

2025 ENVIRONMENTAL PERFORMANCE TID VOLUME 2



Mine Plan	OPERATIONS												DECOMMISSIONING						
	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042-2049	2050
Activities at JEB Site																			
TMF Expansion																			
Sulphuric Acid Plant Expansion																			
Ferric Plant Expansion																			
Installation fo Additional Leach Tanks																			
Changes to the Grinding Circuit (additional storage)																			
As Flotation Project																			
Milling Cigar Lake																			
Milling McClean																			
Milling Sue F																			
Milling Midwest																			
Milling Sue B																			
Midwest SABRE Wastewater Disposal at the Mill																			
Operation of JEB WTP																			
JEB WTP Upgrade (for Sulphate Treatment)																			
JEB Area Initial Demolition and Reclamation																			
JEB Area Final Demolition and Reclamation																			
Activities at Sue Site																			
Operation of Sue WTP																			
As Froth Product: Cement Encapsulation and Disposal in Sue C																			
Sue F Pad and Access Construction																			
Sue F Mining																			
Sue F Site Demolition and Reclamation																			
Sue WTP Plant Upgrade																			
Sue C Pit Dewatering																			
Cigar Lake Waste Placement																			
Sue Area Closure																			
Activities at McClean Site																			
McClean Mining																			
Mining Pad Extension over Pod 1 West																			
Mining Pad Extension over Pod 2																			
McClean Site Demolition and Reclamation																			
Activities at Midwest Site																			
Midwest North Haul Road Construction																			
Midwest Pad Construction																			
Midwest Mining																			
Midwest Site Demolition and Reclamation																			

Figure 1.6-1 Mining Plan Summary



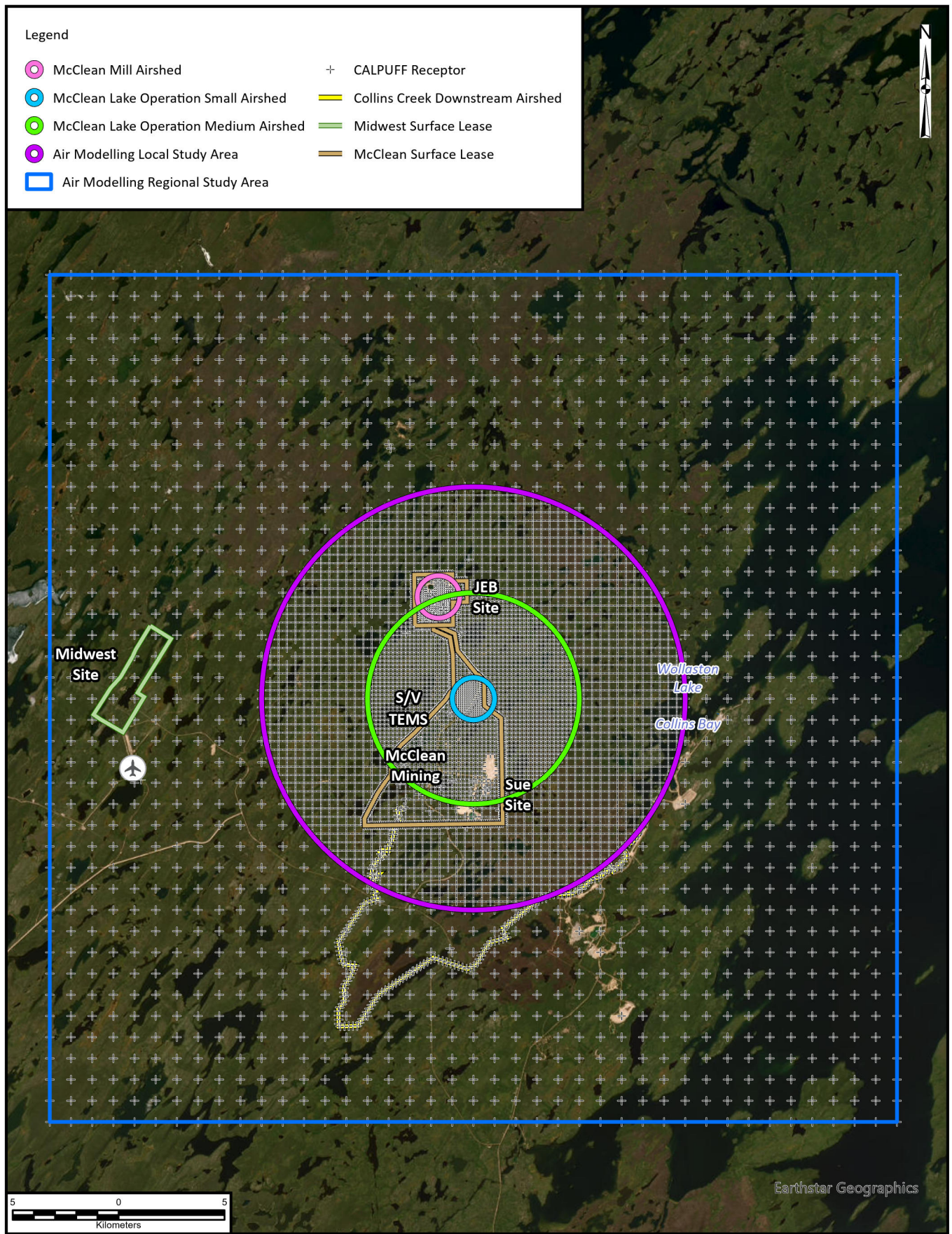
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 Data Sources: ORANO Canada Inc., CanNorth, IEC

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FIGURE 2.2-1
 AIR MODELLING STUDY AREAS

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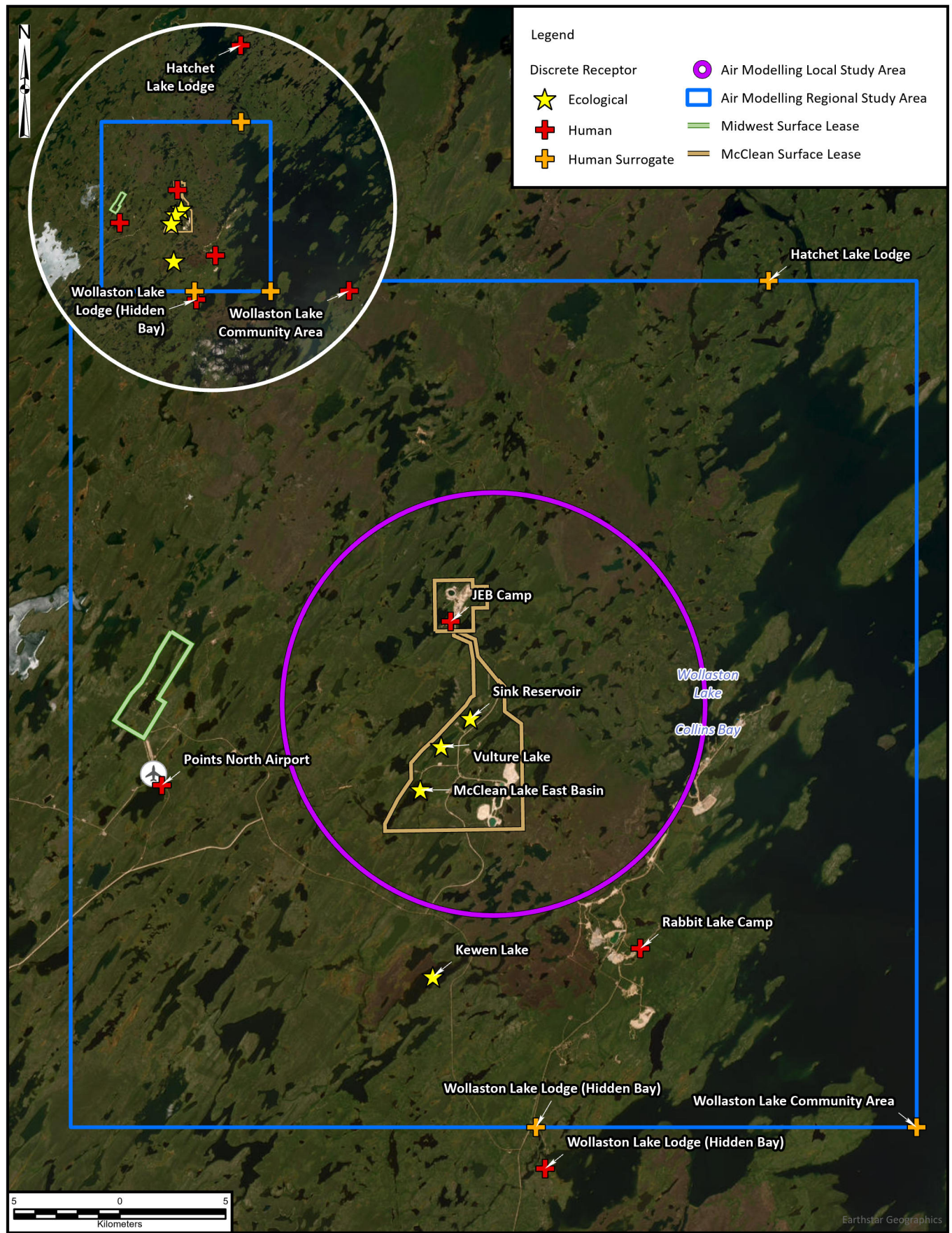
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FIGURE 2.2-2
 CALPUFF GRIDDED RECEPTORS AND ERA AIRSHEDS

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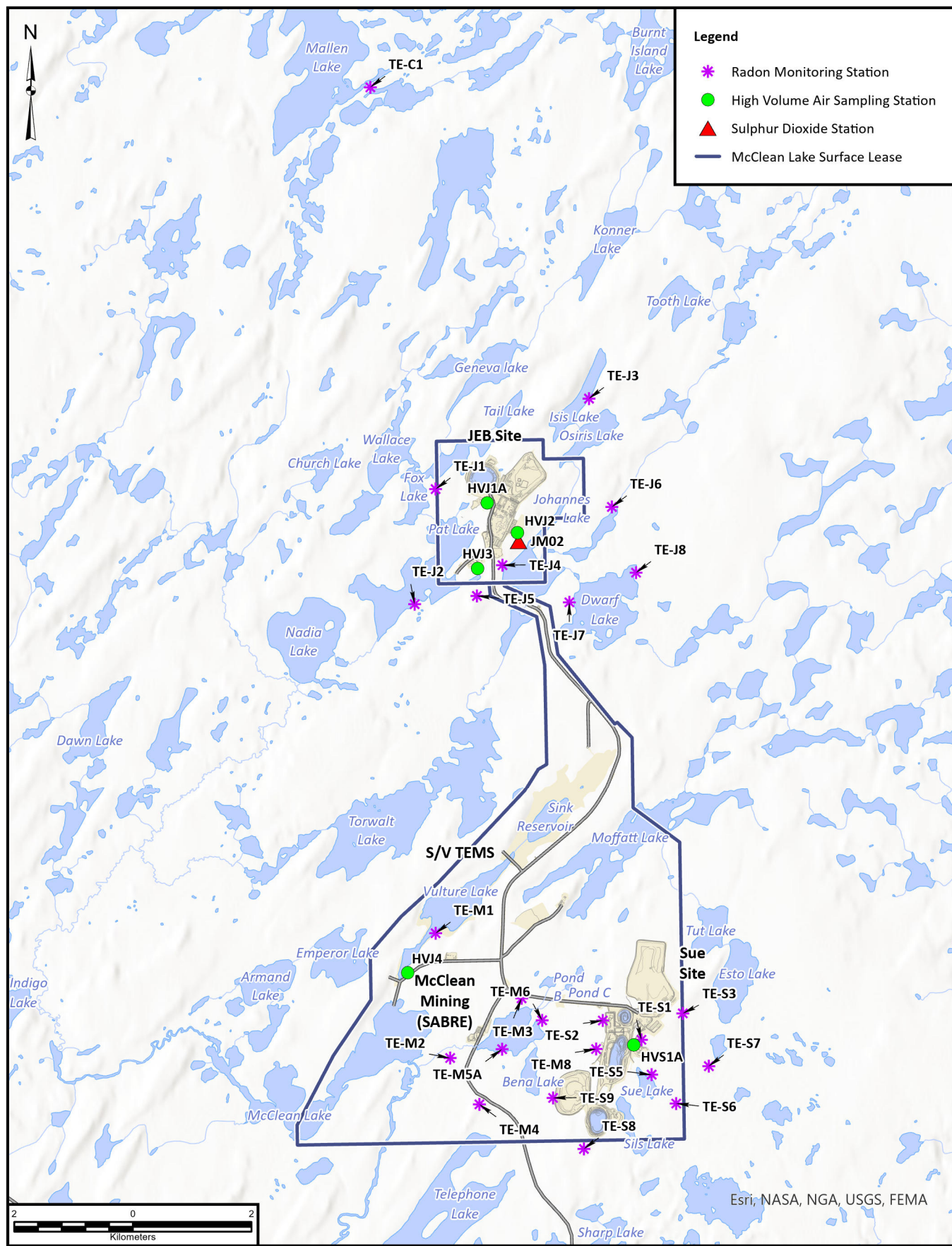
McCLEAN LAKE OPERATION

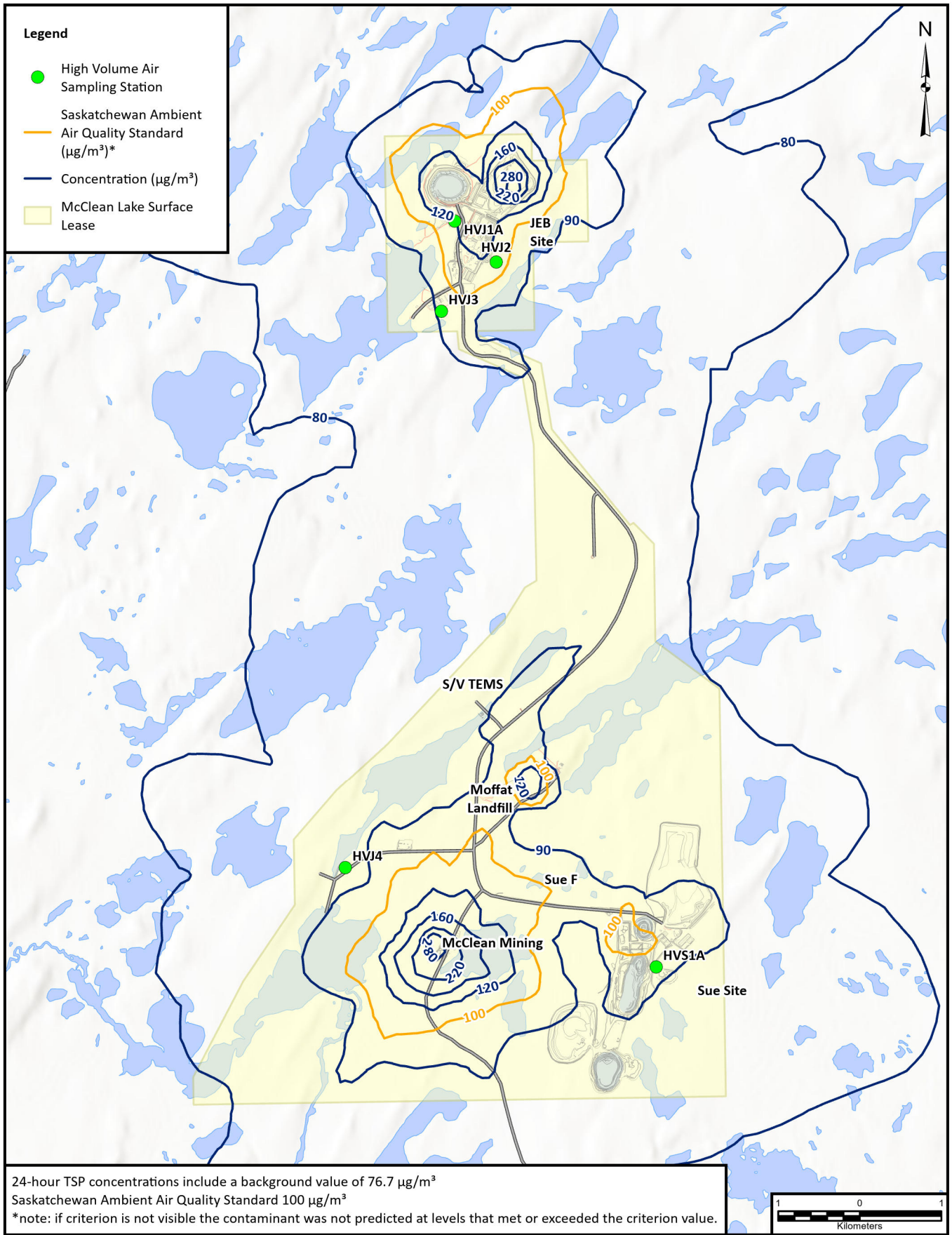
FIGURE 2.2-3
 DISCRETE RECEPTOR LOCATIONS

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Projection: NAD 1983 UTM Zone 13N
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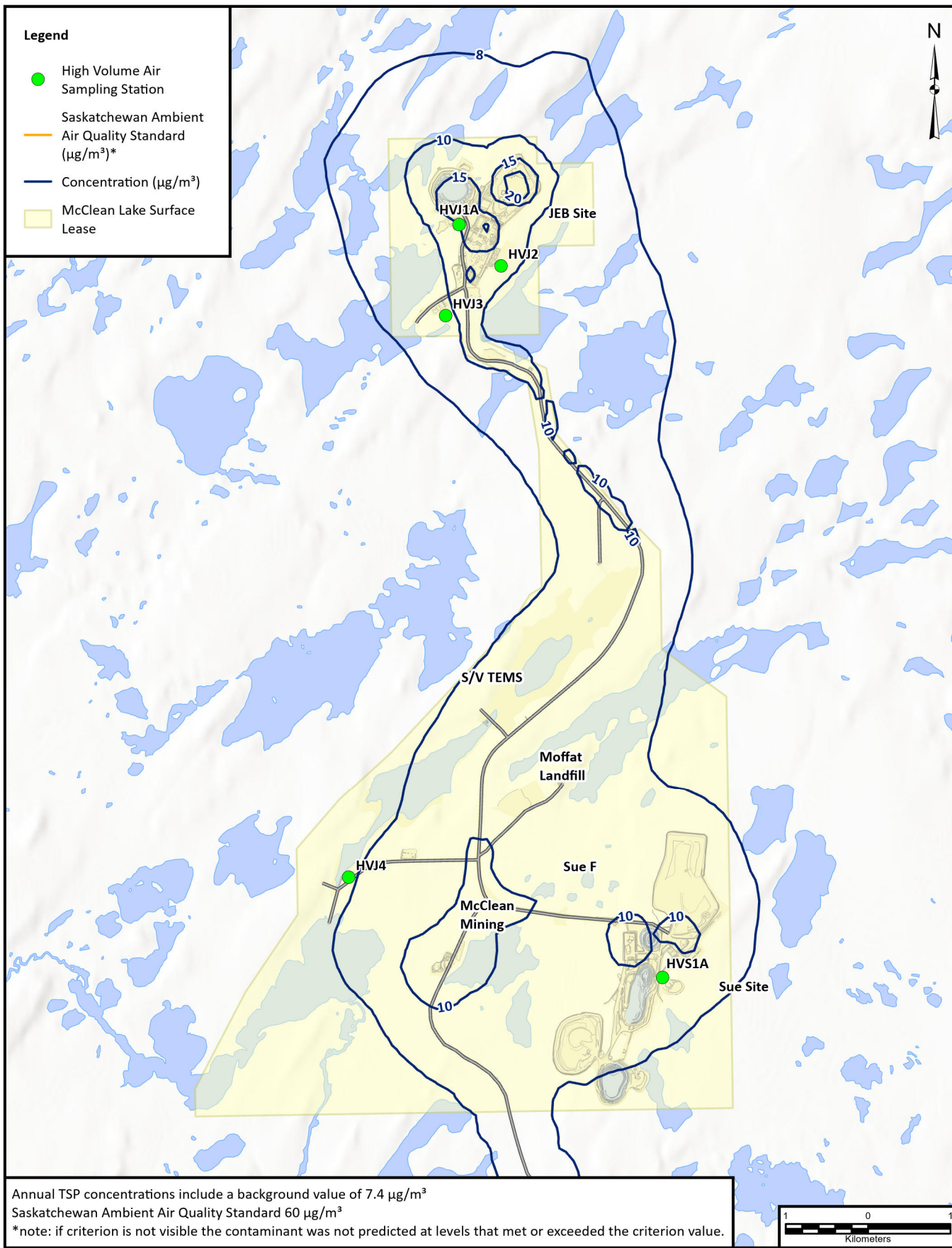
FIGURE 2.3-1

24-HOUR TSP CONCENTRATIONS
 FOR THE BASELINE OPERATIONS SCENARIO ($\mu\text{g}/\text{m}^3$)

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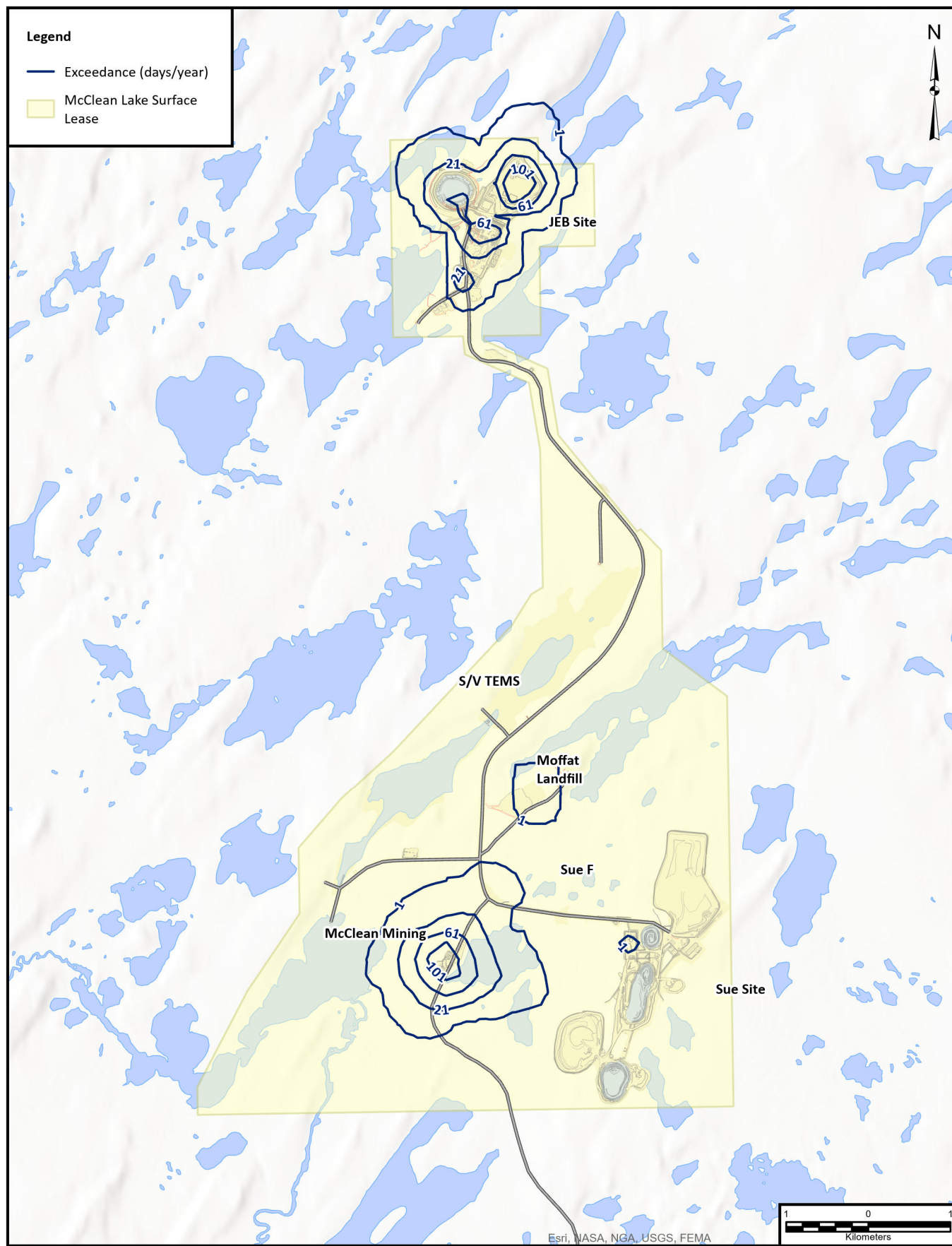
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FIGURE 2.3-2

ANNUAL TSP CONCENTRATIONS
 FOR THE BASELINE OPERATIONS SCENARIO ($\mu\text{g}/\text{m}^3$)

2025 ENVIRONMENTAL PERFORMANCE TID VOLUME 2





Projection: NAD 1983 UTM Zone 13N
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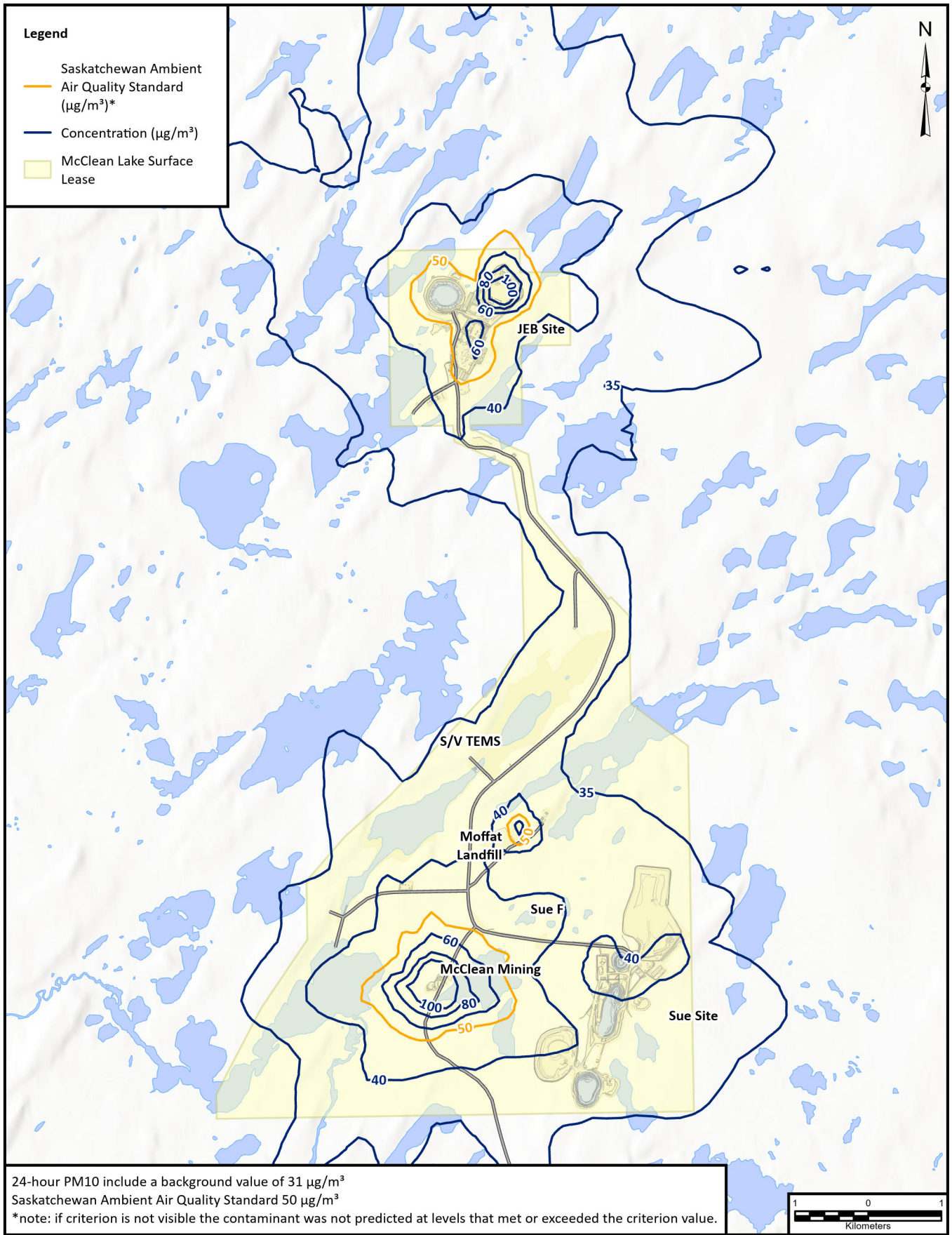
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FIGURE 2.3-3

24-HOUR TSP EXCEEDANCES
 FOR THE BASELINE OPERATIONS SCENARIO (DAYS/YEAR)

2025 ENVIRONMENTAL PERFORMANCE TID VOLUME 2





Projection: NAD 1983 UTM Zone 13N
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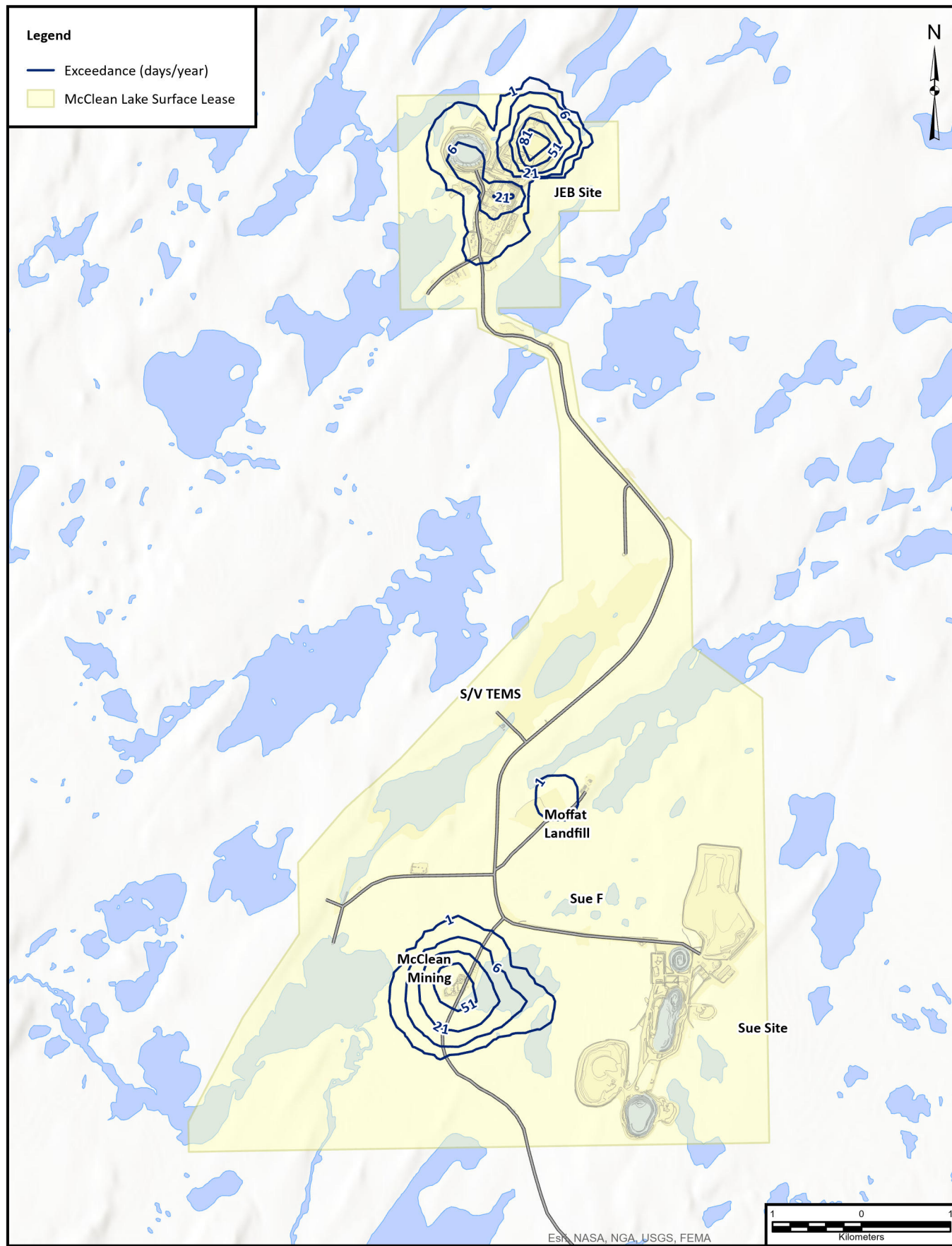
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FIGURE 2.3-4
 24-HOUR PM10 CONCENTRATIONS
 FOR THE BASELINE OPERATIONS SCENARIO ($\mu\text{g}/\text{m}^3$)

2025 ENVIRONMENTAL PERFORMANCE TID VOLUME 2



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Projection: NAD 1983 UTM Zone 13N
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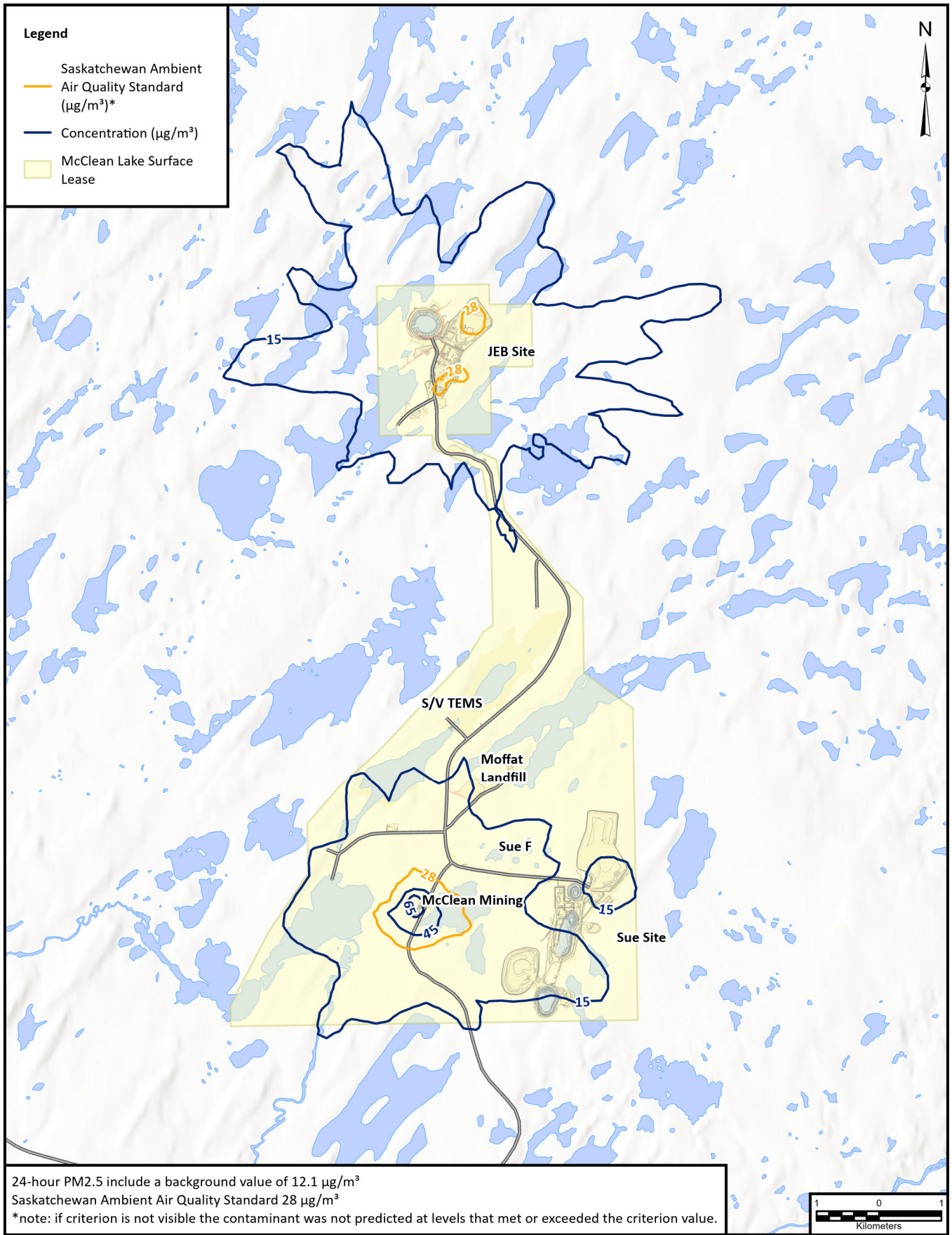
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FIGURE 2.3-5

24-HOUR PM10 EXCEEDANCES
 FOR THE BASELINE OPERATIONS SCENARIO (DAYS/YEAR)

2025 ENVIRONMENTAL PERFORMANCE TID VOLUME 2





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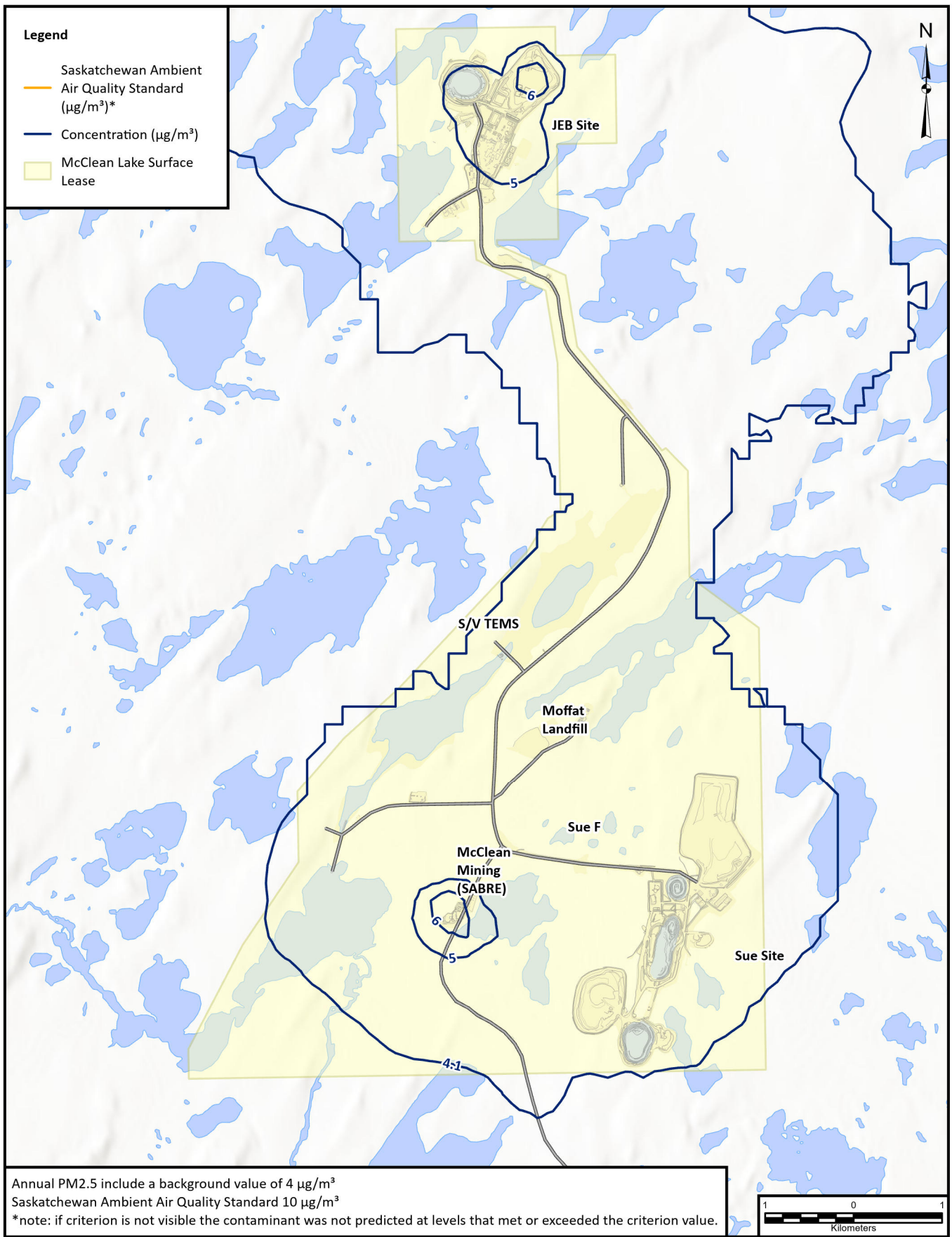
FIGURE 2.3-6

24-HOUR PM2.5 CONCENTRATIONS
 FOR THE BASELINE OPERATIONS SCENARIO ($\mu\text{g}/\text{m}^3$)

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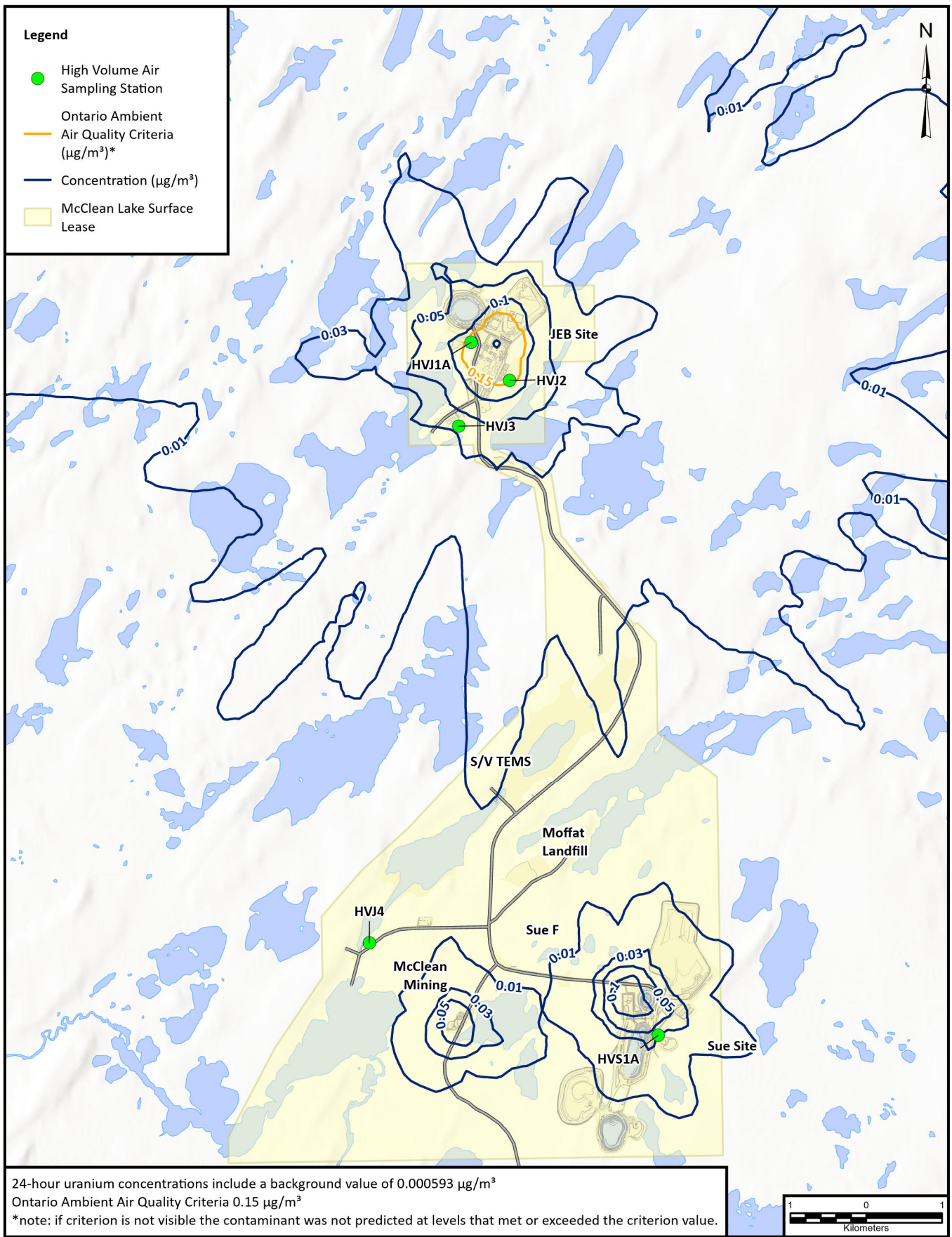
FIGURE 2.3-7

ANNUAL PM2.5 CONCENTRATIONS
 FOR THE BASELINE OPERATIONS SCENARIO ($\mu\text{g}/\text{m}^3$)

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Projection: NAD 1983 UTM Zone 13N
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McCLEAN LAKE OPERATION

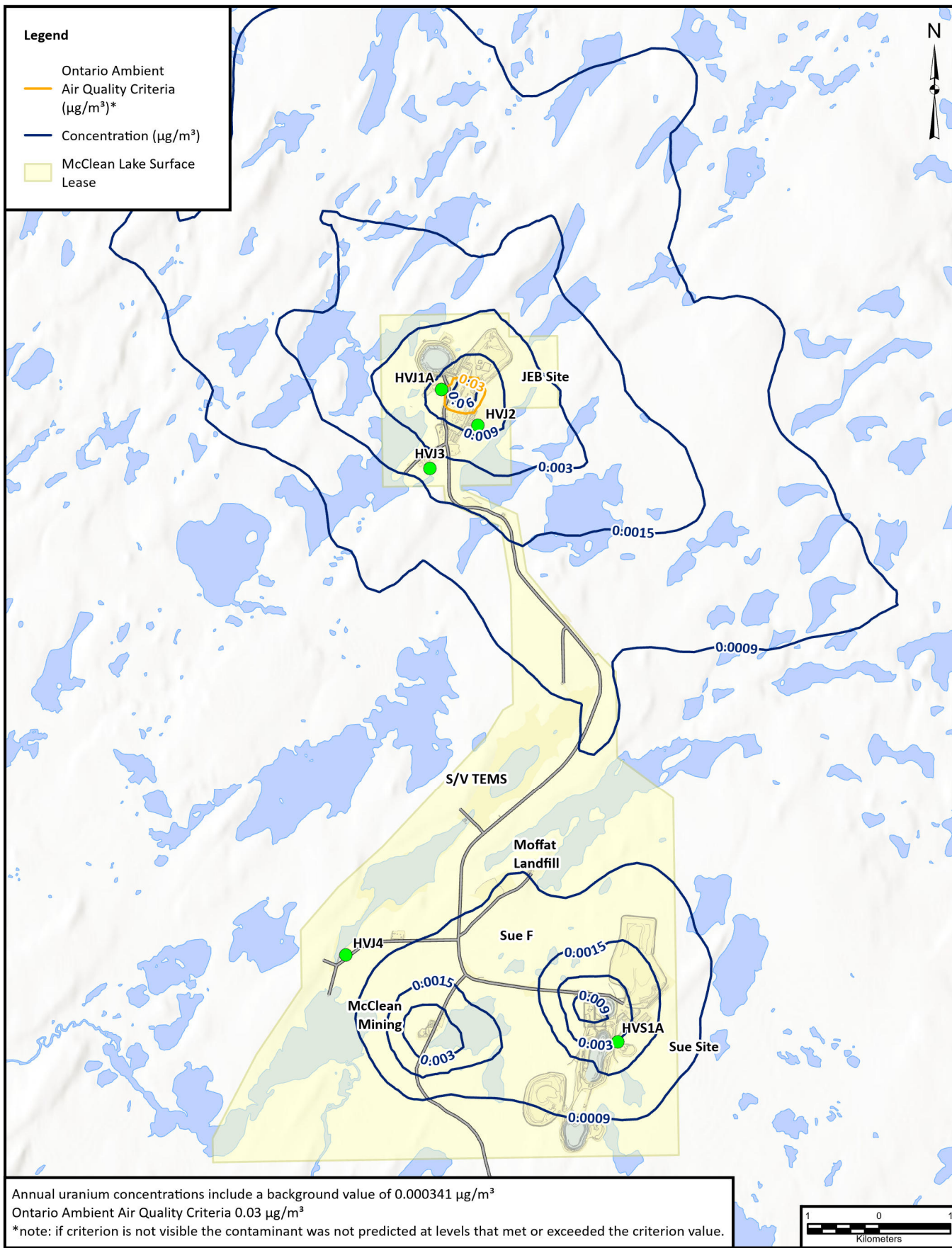
FIGURE 2.3-8

24-HOUR URANIUM CONCENTRATIONS
 FOR THE BASELINE OPERATIONS SCENARIO ($\mu\text{g}/\text{m}^3$)

2025 ENVIRONMENTAL PERFORMANCE TID VOLUME 2



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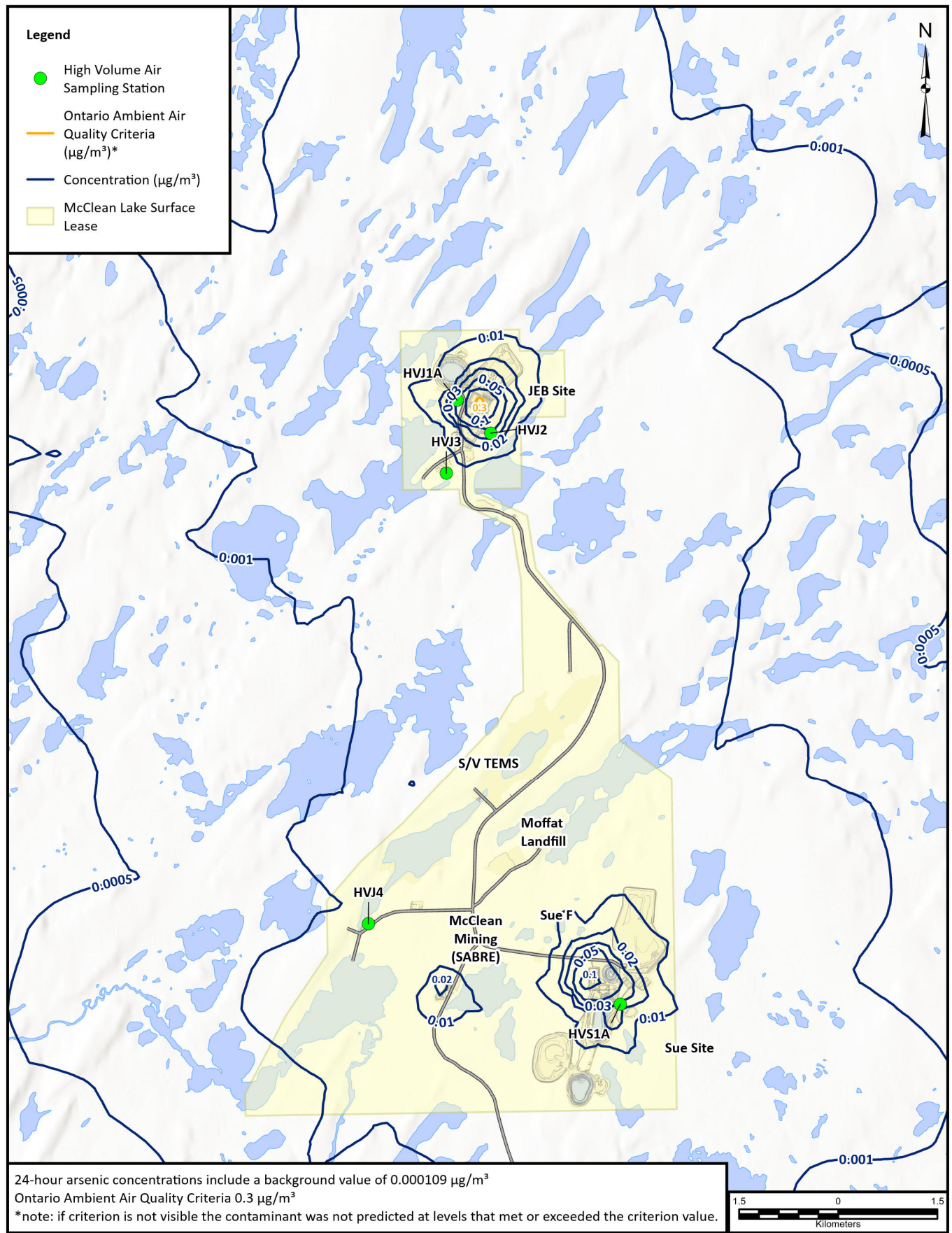
McCLEAN LAKE OPERATION

FIGURE 2.3-9

ANNUAL URANIUM CONCENTRATIONS
 FOR THE BASELINE OPERATIONS SCENARIO ($\mu\text{g}/\text{m}^3$)

2025 ENVIRONMENTAL PERFORMANCE TID VOLUME 2





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McCLEAN LAKE OPERATION

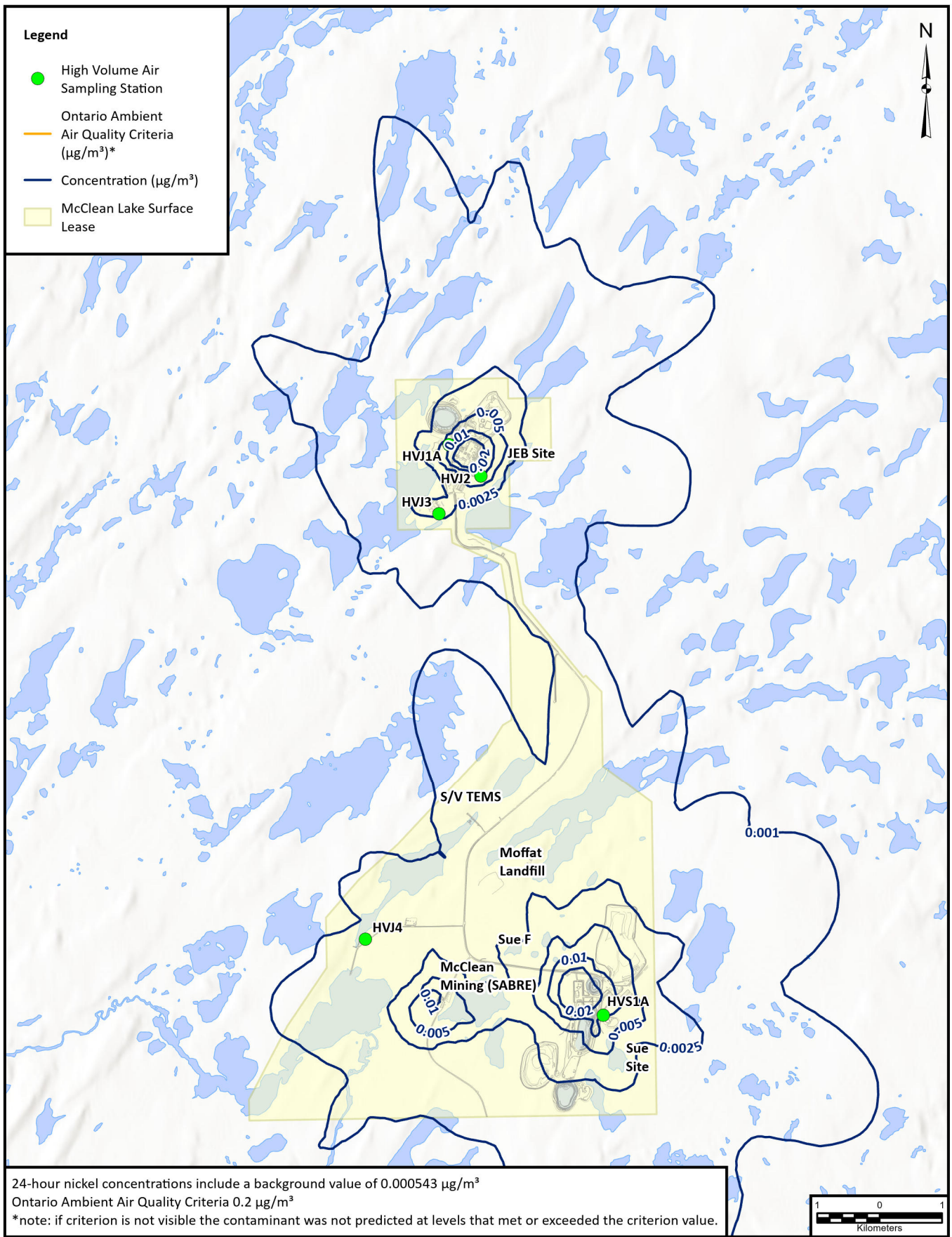
FIGURE 2.3-10

24-HOUR ARSENIC CONCENTRATIONS
 FOR THE BASELINE OPERATIONS SCENARIO ($\mu\text{g}/\text{m}^3$)

2025 ENVIRONMENTAL PERFORMANCE TID VOLUME 2



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Projection: NAD 1983 UTM Zone 13N
 Compiled: T.Lohman Drawn: T.Lohman
 Date: 2025-11-28 2:51 PM Scale: 1:85,000
 Data Sources: Nation Topographic Database, IEC,
 ORANO Canada Inc.

McCLEAN LAKE OPERATION

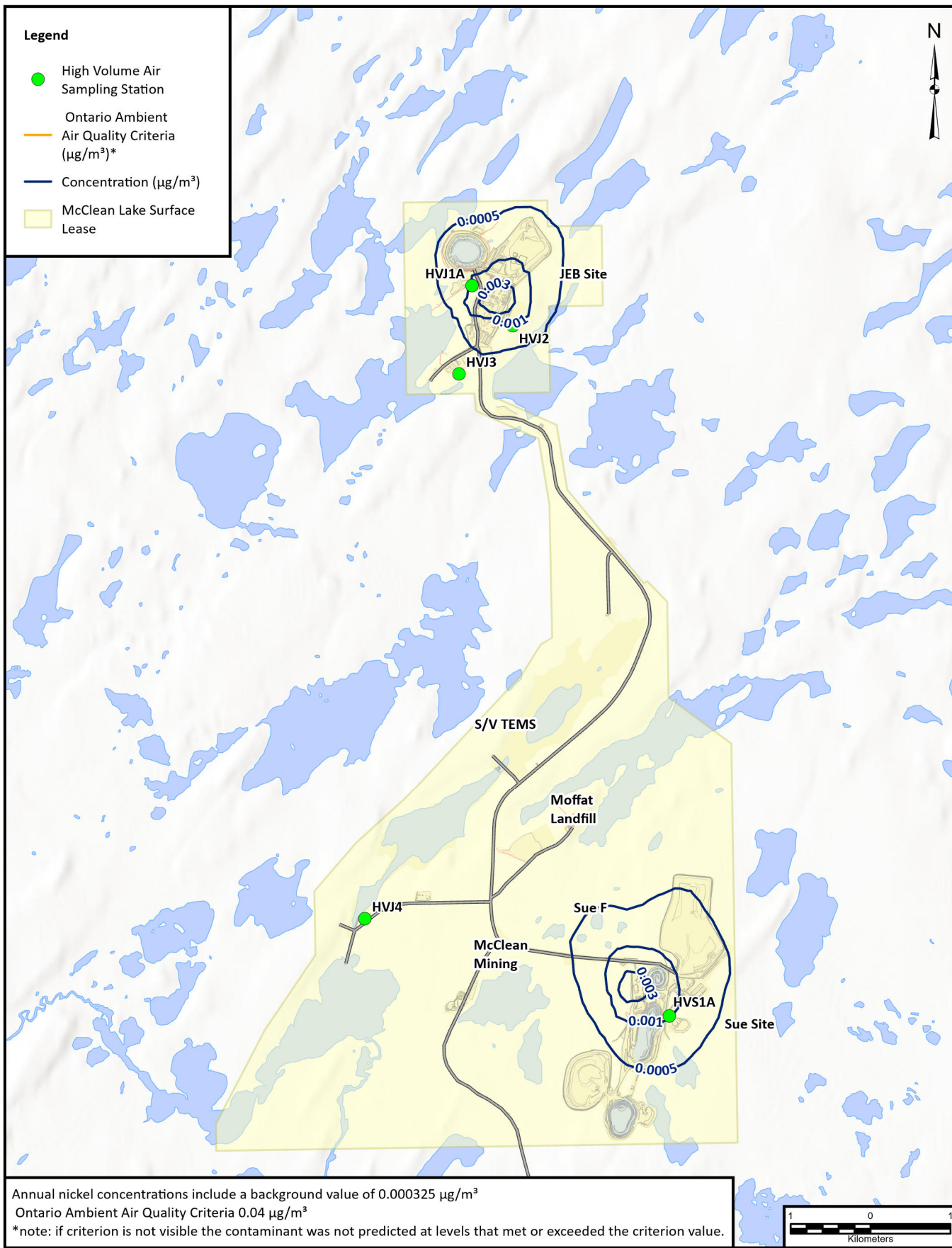
FIGURE 2.3-11

24-HOUR NICKEL CONCENTRATIONS
 FOR THE BASELINE OPERATIONS SCENARIO ($\mu\text{g}/\text{m}^3$)

2025 ENVIRONMENTAL PERFORMANCE TID VOLUME 2



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Projection: NAD 1983 UTM Zone 13N
 Compiled: T.Lohman Drawn: T.Lohman
 Date: 2025-11-13 11:32 AM Scale: 1:67,000
 Data Sources: Nation Topographic Database, IEC,
 ORANO Canada Inc.

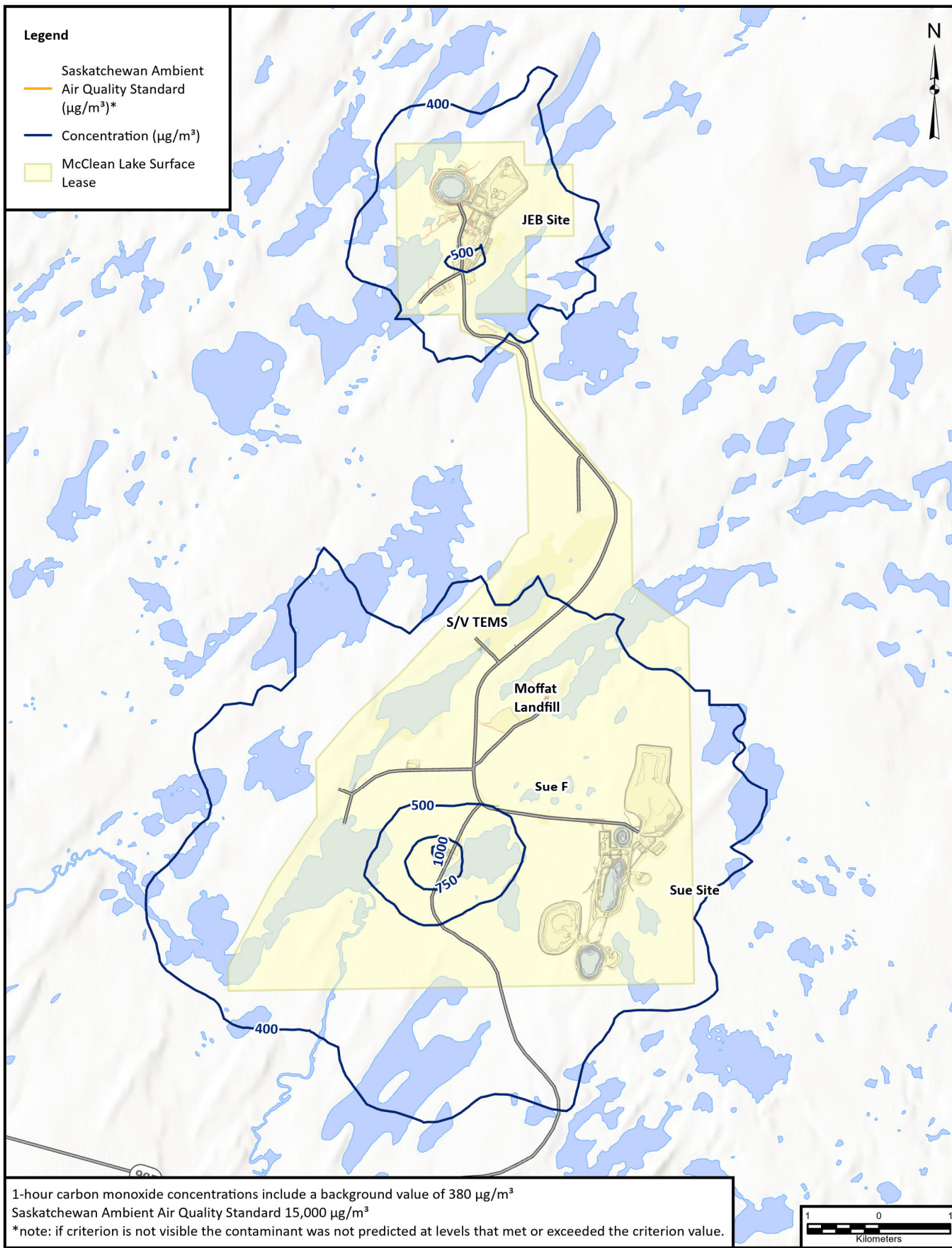
McCLEAN LAKE OPERATION

FIGURE 2.3-12

ANNUAL NICKEL CONCENTRATIONS
 FOR THE BASELINE OPERATIONS SCENARIO ($\mu\text{g}/\text{m}^3$)

2025 ENVIRONMENTAL PERFORMANCE TID VOLUME 2





Projection: NAD 1983 UTM Zone 13N
 Compiled: T.Lohman Drawn: T.Lohman
 Date: 2025-11-13 12:45 PM Scale: 1:75,000
 Data Sources: Nation Topographic Database, IEC,
 ORANO Canada Inc.

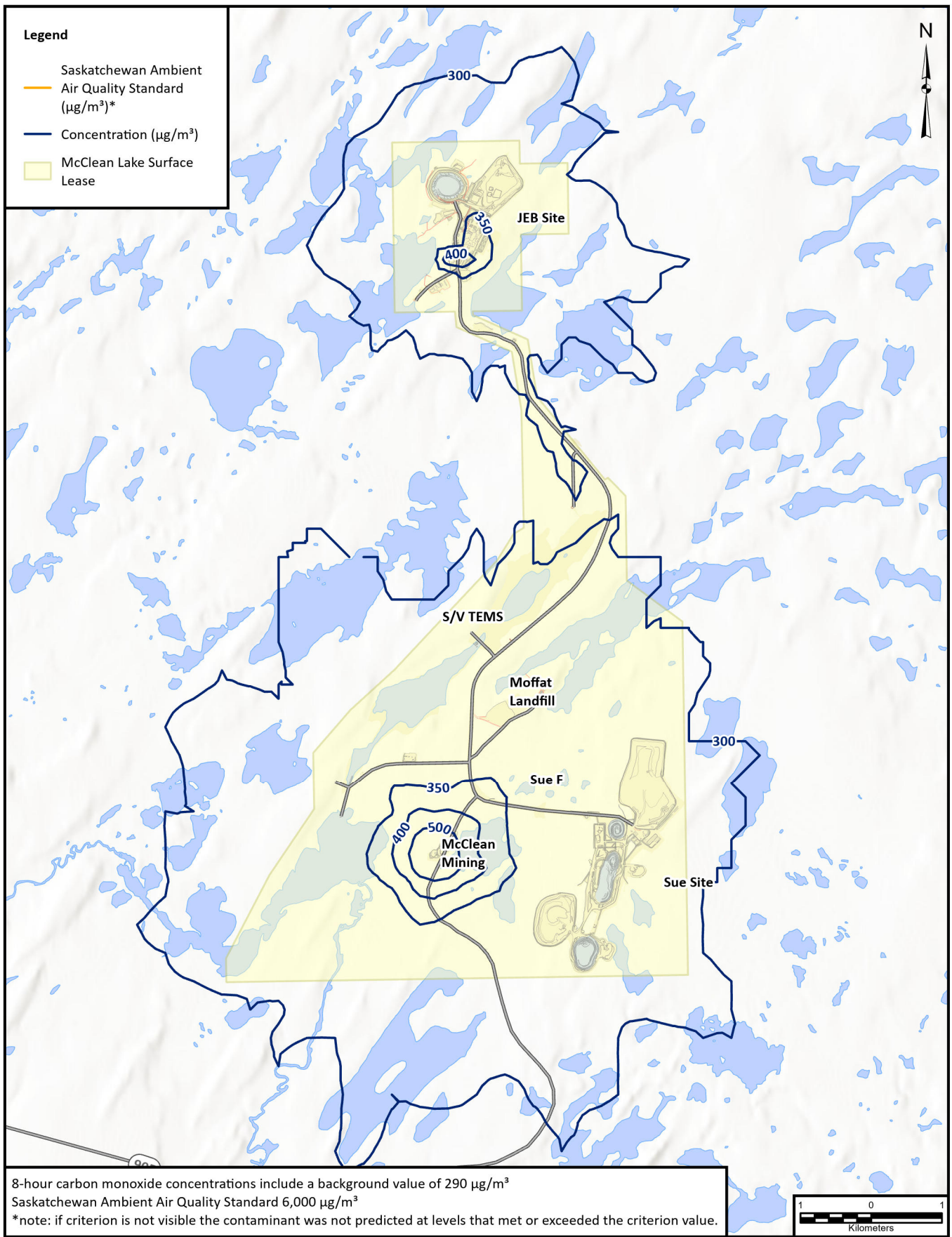
McCLEAN LAKE OPERATION

FIGURE 2.3-13

1-HOUR CO CONCENTRATIONS
 FOR THE BASELINE OPERATIONS SCENARIO ($\mu\text{g}/\text{m}^3$)

2025 ENVIRONMENTAL PERFORMANCE TID VOLUME 2





Projection: NAD 1983 UTM Zone 13N
 Compiled: T.Lohman Drawn: T.Lohman
 Date: 2025-11-13 2:04 PM Scale: 1:75,000
 Data Sources: Nation Topographic Database, IEC,
 ORANO Canada Inc.

McCLEAN LAKE OPERATION

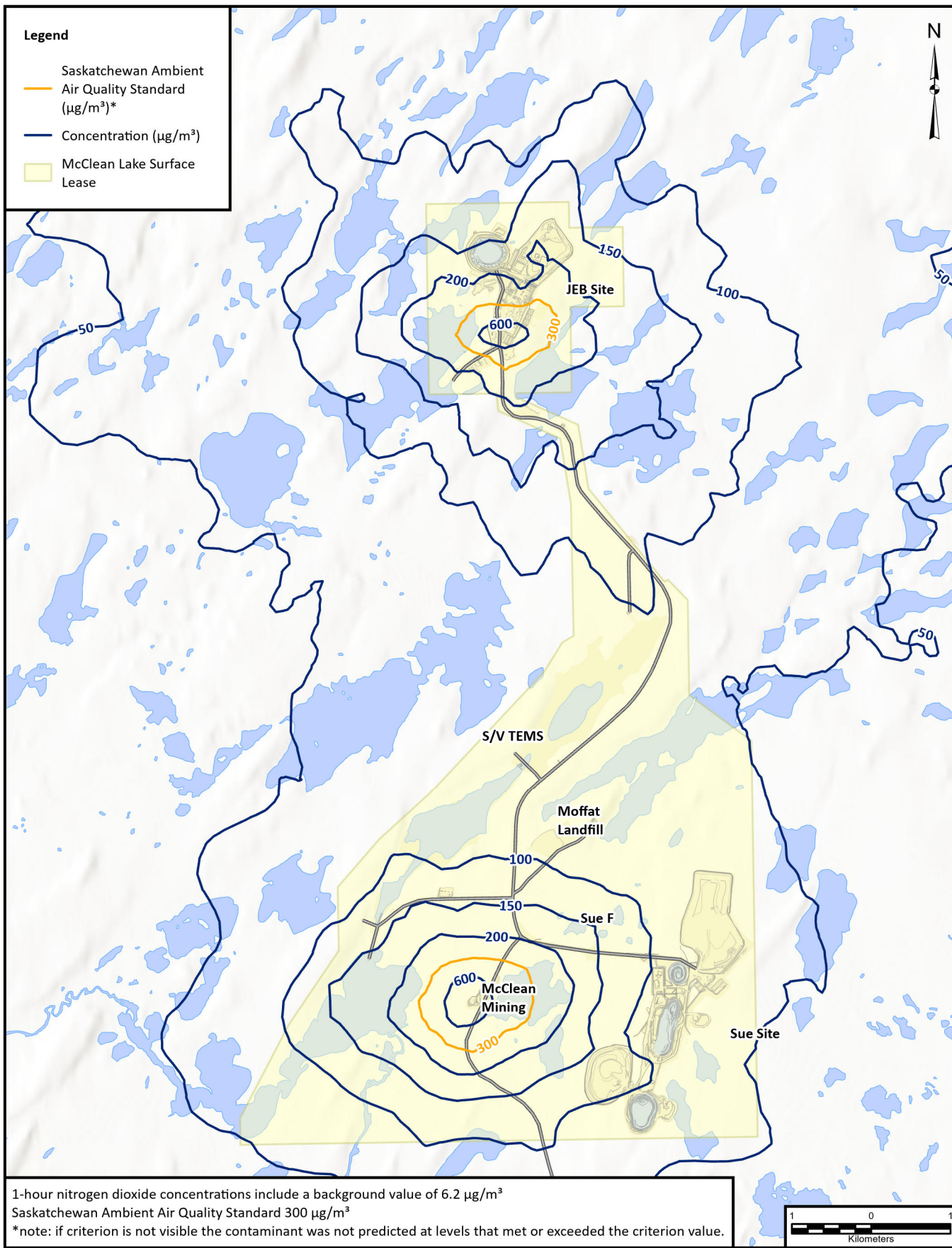
FIGURE 2.3-14

8-HOUR CO CONCENTRATIONS
 FOR THE BASELINE OPERATIONS SCENARIO ($\mu\text{g}/\text{m}^3$)

2025 ENVIRONMENTAL PERFORMANCE TID VOLUME 2



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Projection: NAD 1983 UTM Zone 13N
 Compiled: T.Lohman Drawn: T.Lohman
 Date: 2025-11-13 2:04 PM Scale: 1:67,536
 Data Sources: Nation Topographic Database, IEC,
 ORANO Canada Inc.

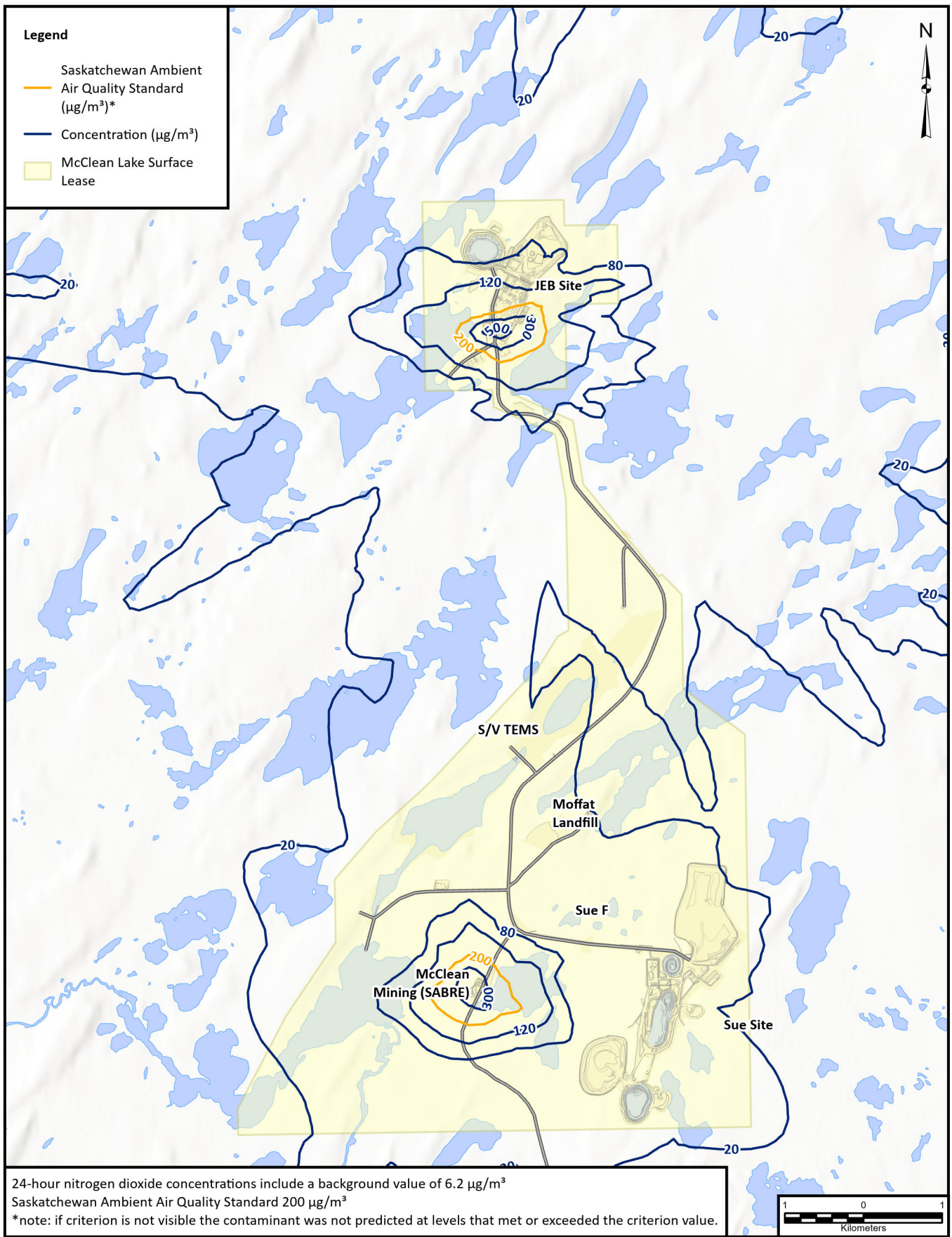
McCLEAN LAKE OPERATION

FIGURE 2.3-15

1-HOUR NO₂ CONCENTRATIONS
 FOR THE BASELINE OPERATIONS SCENARIO ($\mu\text{g}/\text{m}^3$)

2025 ENVIRONMENTAL PERFORMANCE TID VOLUME 2





Projection: NAD 1983 UTM Zone 13N
 Compiled: T.Lohman Drawn: T.Lohman
 Date: 2025-11-13 2:52 PM Scale: 1:67,500
 Data Sources: Nation Topographic Database, IEC,
 ORANO Canada Inc.

McCLEAN LAKE OPERATION

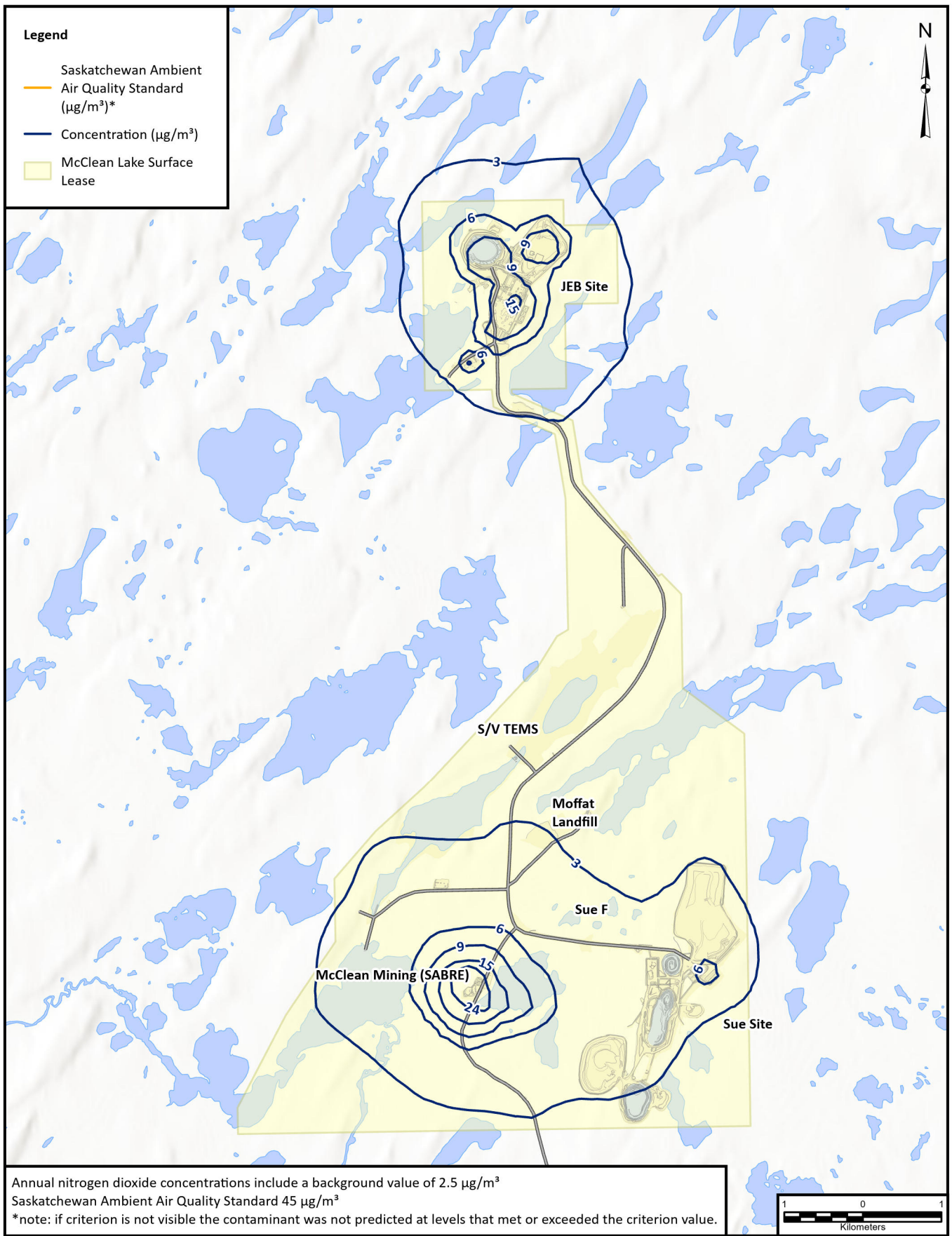
FIGURE 2.3-16

24-HOUR NO₂ CONCENTRATIONS
 FOR THE BASELINE OPERATIONS SCENARIO ($\mu\text{g}/\text{m}^3$)

2025 ENVIRONMENTAL PERFORMANCE TID VOLUME 2



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Projection: NAD 1983 UTM Zone 13N
 Compiled: T.Lohman Drawn: T.Lohman
 Date: 2025-11-13 4:16 PM Scale: 1:67,500
 Data Sources: Nation Topographic Database, IEC,
 ORANO Canada Inc.

McCLEAN LAKE OPERATION

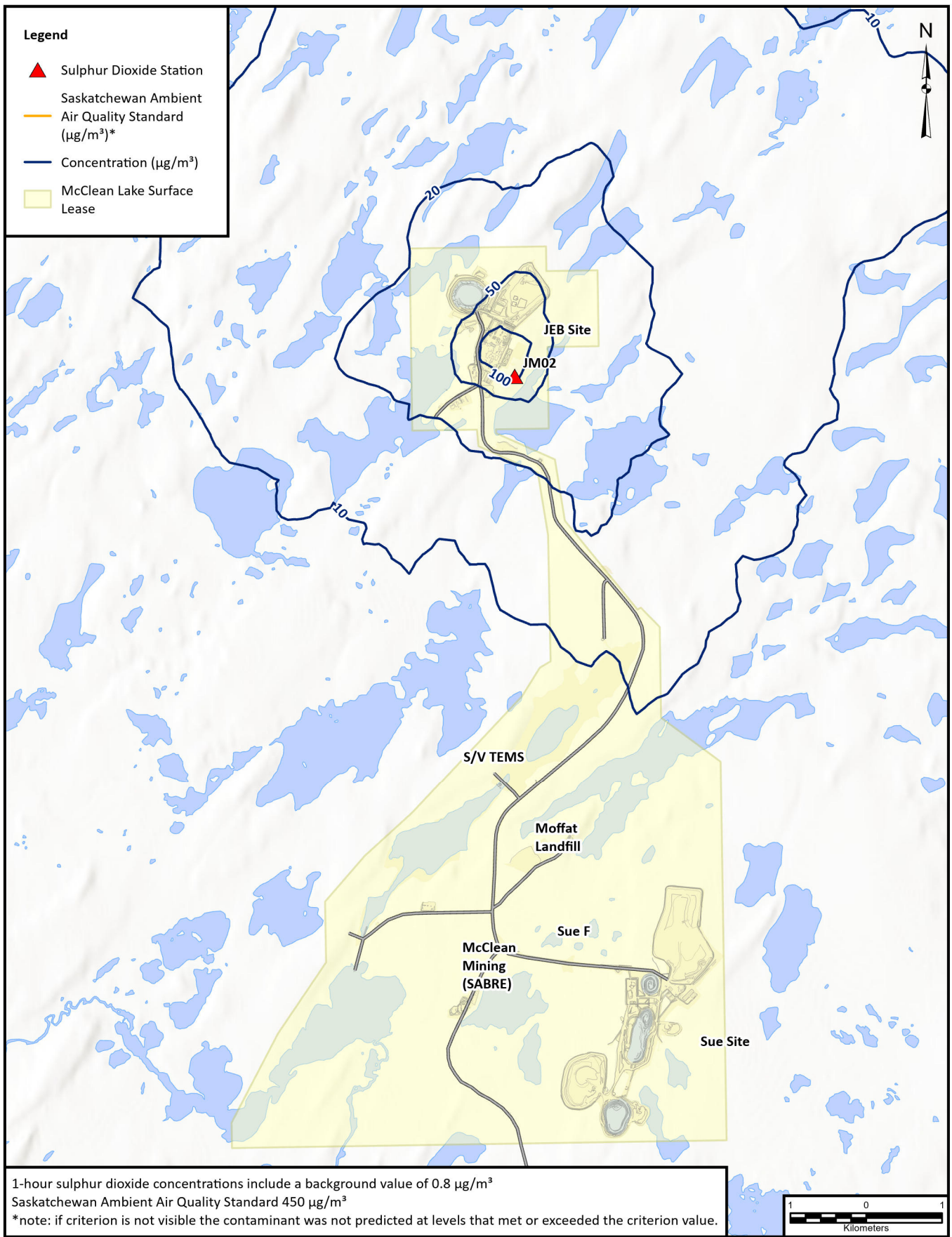
FIGURE 2.3-17

ANNUAL NO₂ CONCENTRATIONS
 FOR THE BASELINE OPERATIONS SCENARIO ($\mu\text{g}/\text{m}^3$)

2025 ENVIRONMENTAL PERFORMANCE TID VOLUME 2



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Projection: NAD 1983 UTM Zone 13N
 Compiled: T.Lohman Drawn: T.Lohman
 Date: 2025-11-28 2:51 PM Scale: 1:70,000
 Data Sources: Nation Topographic Database, IEC,
 ORANO Canada Inc.

McCLEAN LAKE OPERATION

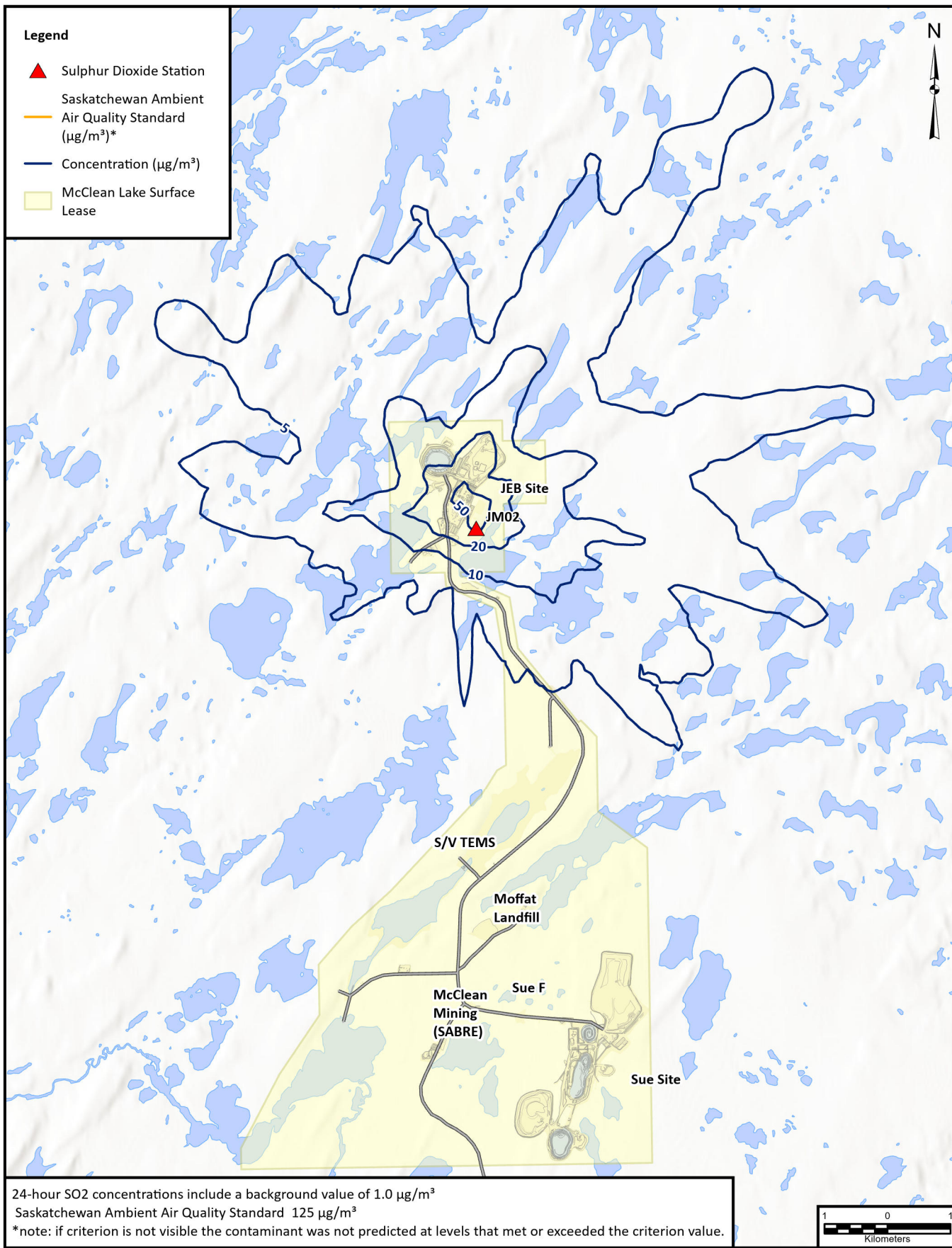
FIGURE 2.3-18

1-HOUR SO_2 CONCENTRATIONS
 FOR THE BASELINE OPERATIONS SCENARIO ($\mu\text{g}/\text{m}^3$)

2025 ENVIRONMENTAL PERFORMANCE TID VOLUME 2



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Projection: NAD 1983 UTM Zone 13N
 Compiled: T.Lohman Drawn: T.Lohman
 Date: 2025-11-13 4:43 PM Scale: 1:85,000
 Data Sources: Nation Topographic Database, IEC,
 ORANO Canada Inc.

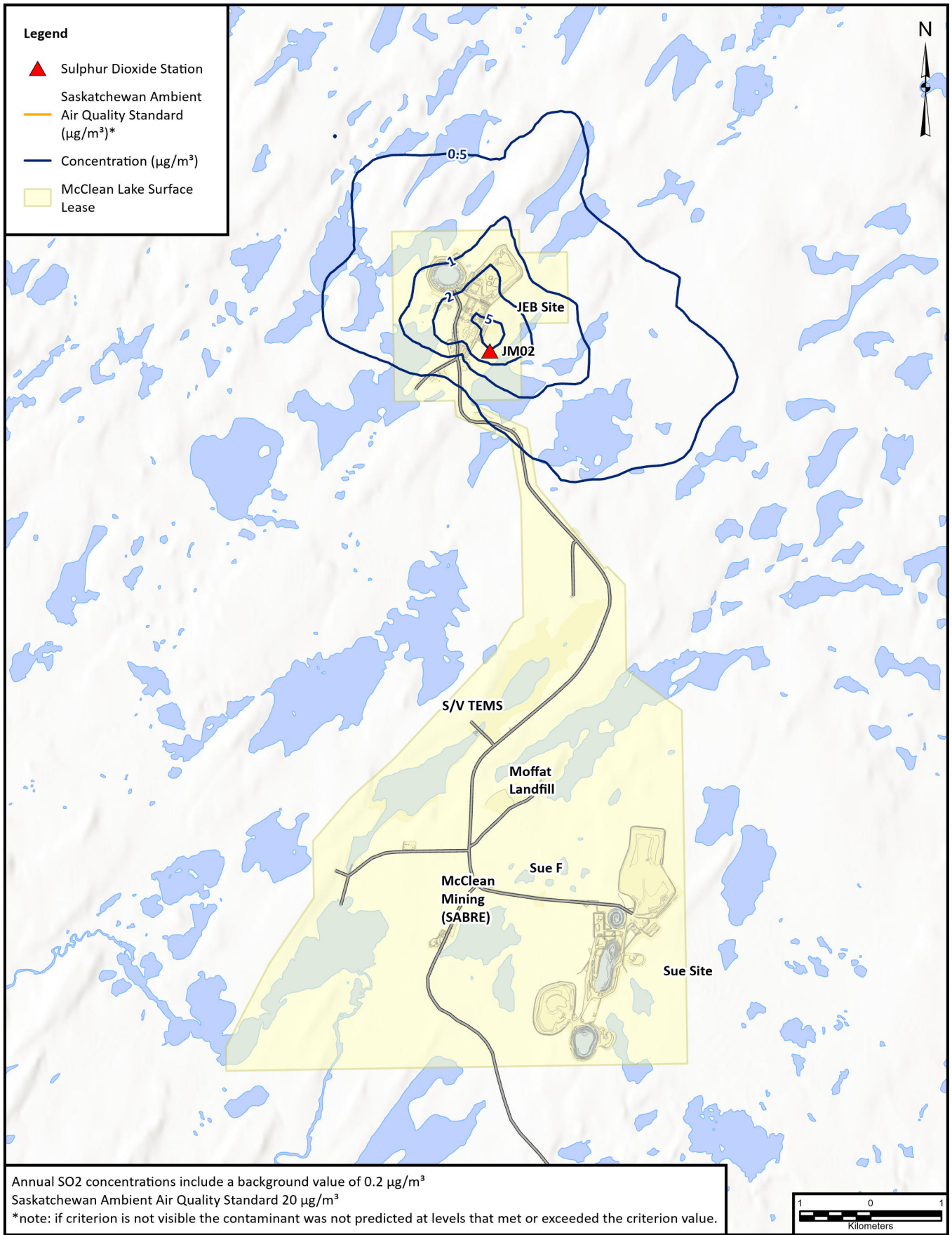
McCLEAN LAKE OPERATION

FIGURE 2.3-19

24-HOUR SO₂ CONCENTRATIONS
 FOR THE BASELINE OPERATIONS SCENARIO ($\mu\text{g}/\text{m}^3$)

2025 ENVIRONMENTAL PERFORMANCE TID VOLUME 2





Projection: NAD 1983 UTM Zone 13N
 Compiled: T.Lohman Drawn: T.Lohman
 Date: 2025-11-14 9:12 AM Scale: 1:75,000
 Data Sources: Nation Topographic Database, IEC,
 ORANO Canada Inc.

McCLEAN LAKE OPERATION

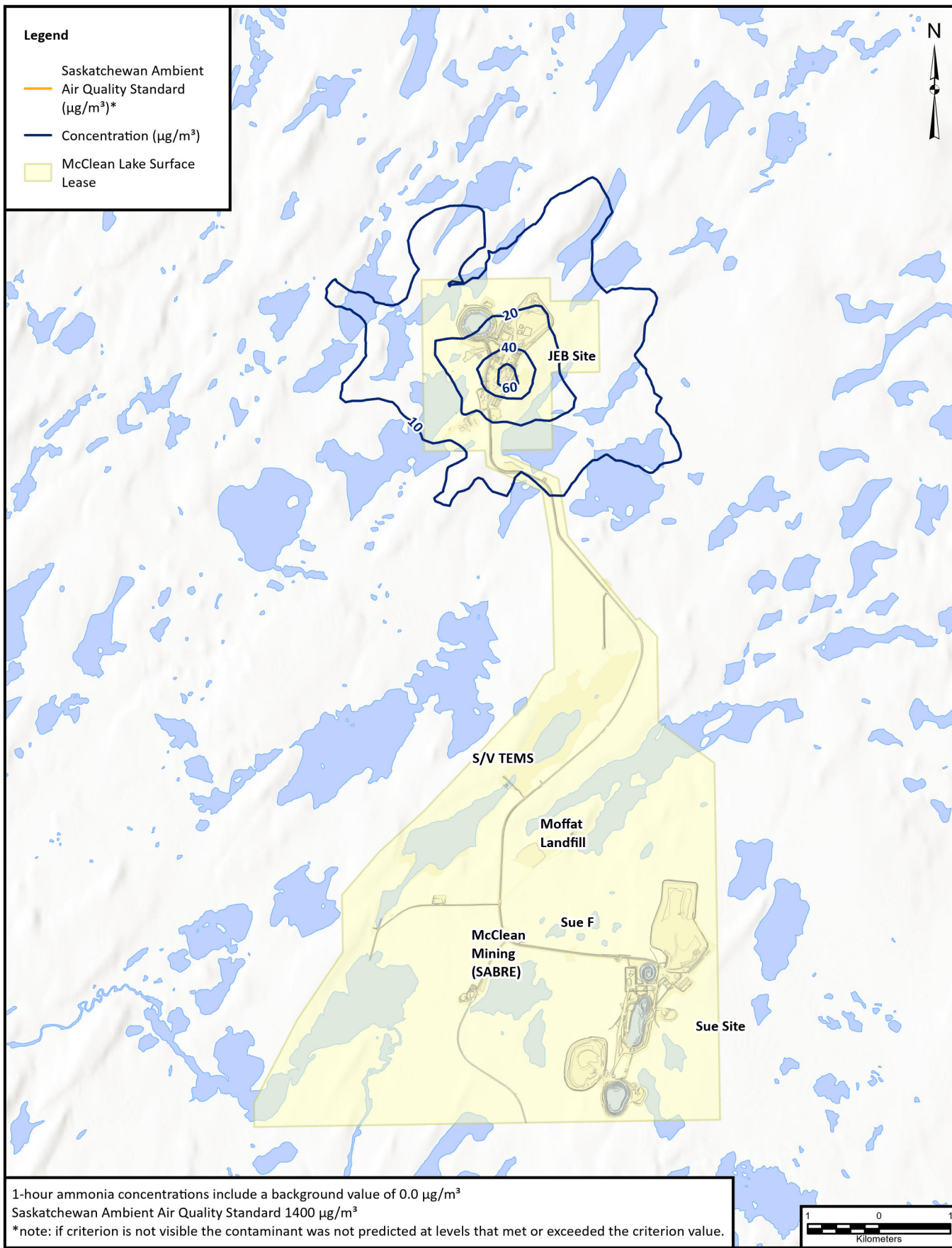
FIGURE 2.3-20

ANNUAL SO₂ CONCENTRATIONS
 FOR THE BASELINE OPERATIONS SCENARIO ($\mu\text{g}/\text{m}^3$)

2025 ENVIRONMENTAL PERFORMANCE TID VOLUME 2



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Projection: NAD 1983 UTM Zone 13N
 Compiled: T.Lohman Drawn: T.Lohman
 Date: 2025-11-14 9:34 AM Scale: 1:75,000
 Data Sources: Nation Topographic Database, IEC,
 ORANO Canada Inc.

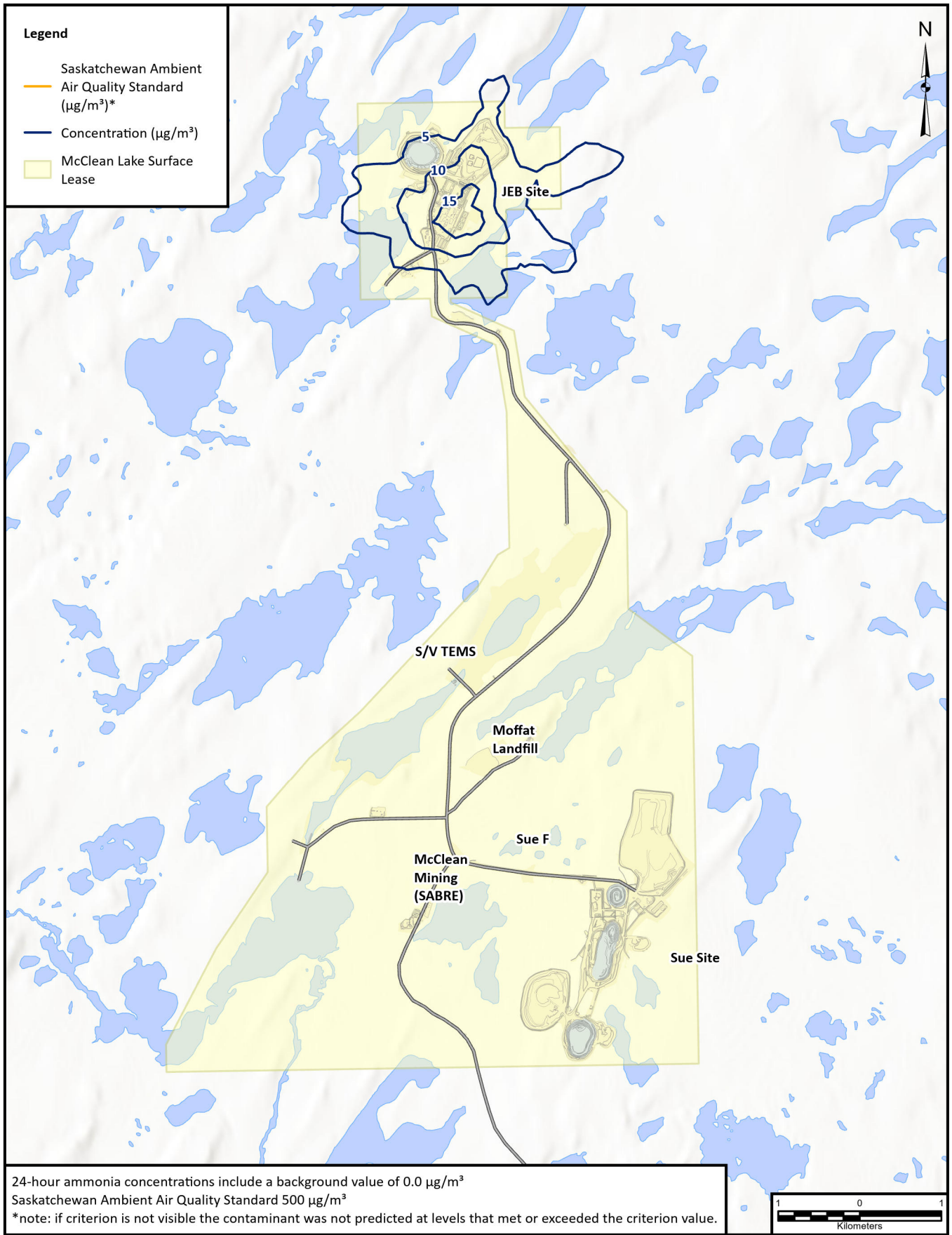
McCLEAN LAKE OPERATION

FIGURE 2.3-21

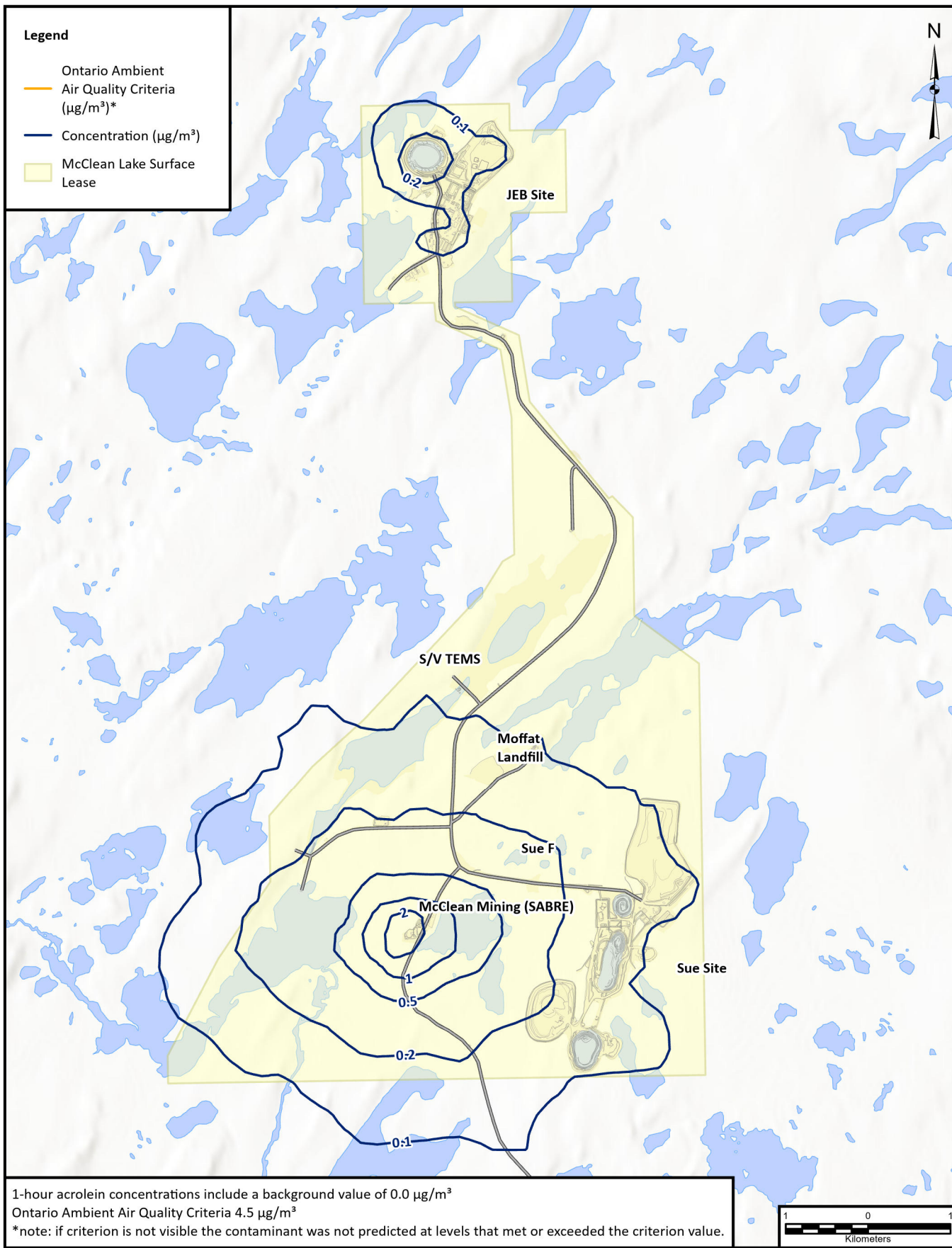
1-HOUR AMMONIA CONCENTRATIONS
 FOR THE BASELINE OPERATIONS SCENARIO ($\mu\text{g}/\text{m}^3$)

2025 ENVIRONMENTAL PERFORMANCE TID VOLUME 2





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Projection: NAD 1983 UTM Zone 13N
 Compiled: T.Lohman Drawn: T.Lohman
 Date: 2025-11-20 2:54 PM Scale: 1:65,000
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 ORANO Canada Inc.

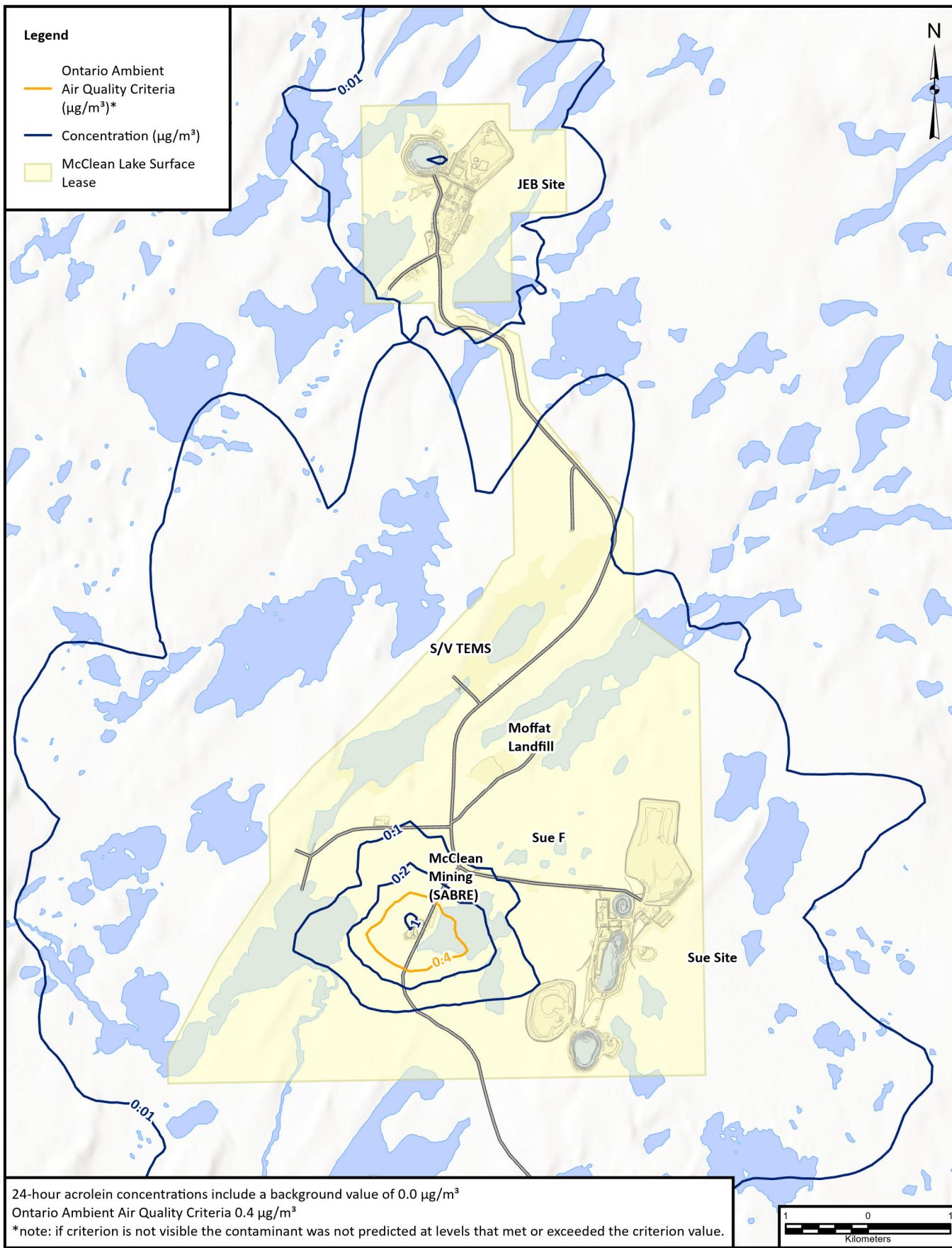
McCLEAN LAKE OPERATION

FIGURE 2.3-23

1-HOUR ACROLEIN CONCENTRATIONS
 FOR THE BASELINE OPERATIONS SCENARIO ($\mu\text{g}/\text{m}^3$)

2025 ENVIRONMENTAL PERFORMANCE TID VOLUME 2





Projection: NAD 1983 UTM Zone 13N
 Compiled: T.Lohman Drawn: T.Lohman
 Date: 2025-11-20 2:54 PM Scale: 1:65,000
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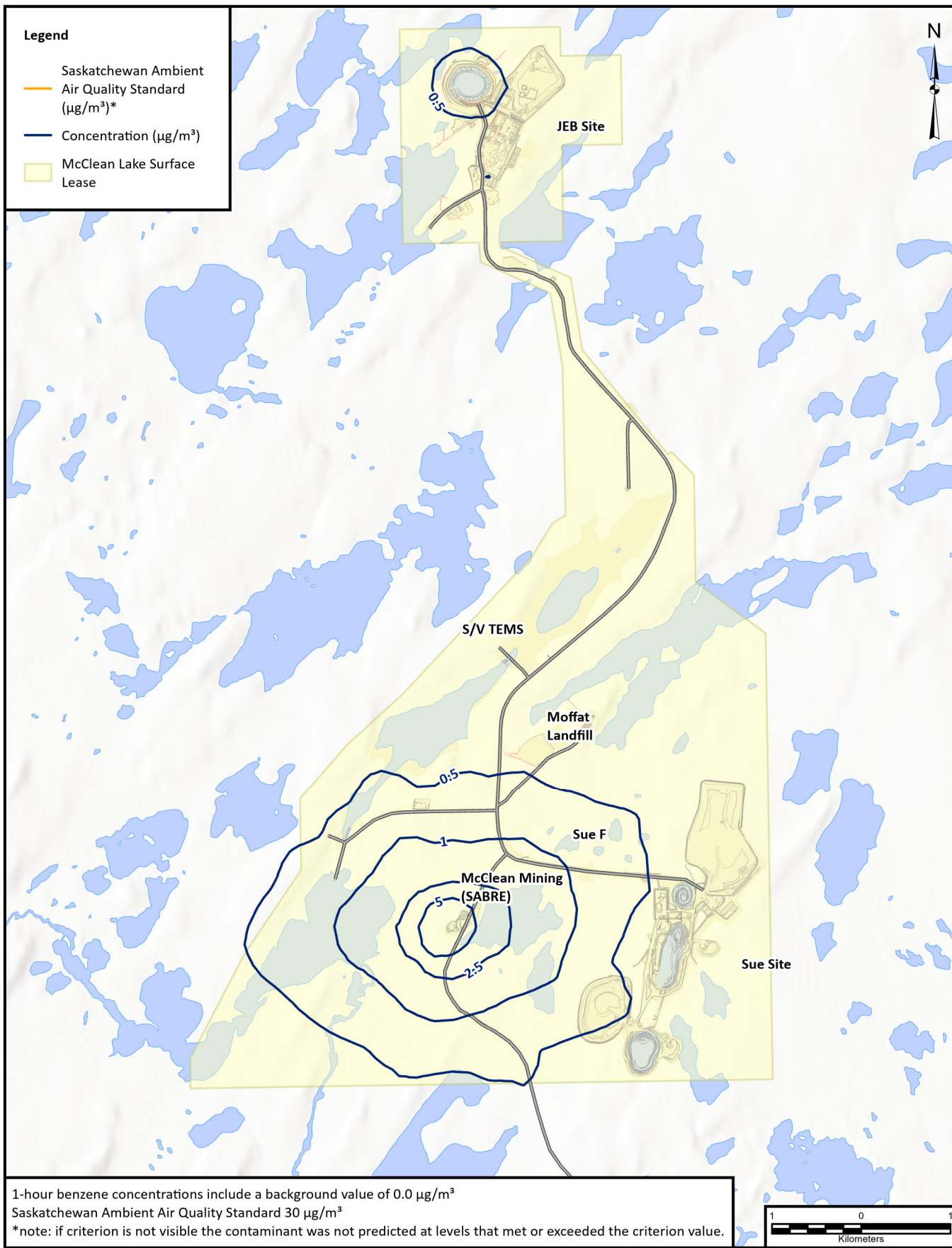
McCLEAN LAKE OPERATION

FIGURE 2.3-24

24-HOUR ACROLEIN CONCENTRATIONS
 FOR THE BASELINE OPERATIONS SCENARIO ($\mu\text{g}/\text{m}^3$)

2025 ENVIRONMENTAL PERFORMANCE TID VOLUME 2





Projection: NAD 1983 UTM Zone 13N
 Compiled: T.Lohman Drawn: T.Lohman
 Date: 2025-11-14 10:31 AM Scale: 1:60,000
 Data Sources: Nation Topographic Database, IEC,
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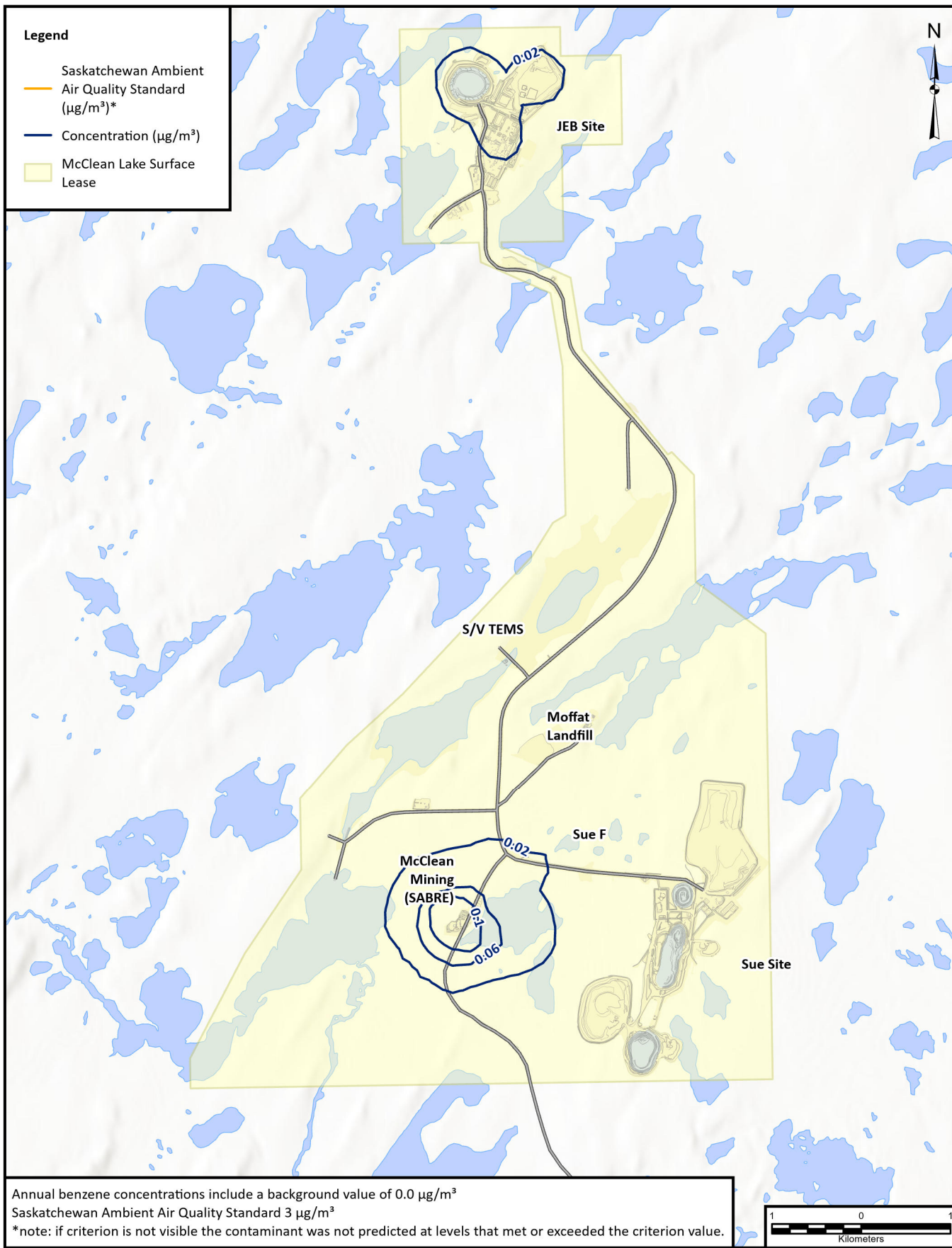
McCLEAN LAKE OPERATION

FIGURE 2.3-25

1-HOUR BENZENE CONCENTRATIONS
 FOR THE BASELINE OPERATIONS SCENARIO ($\mu\text{g}/\text{m}^3$)

2025 ENVIRONMENTAL PERFORMANCE TID VOLUME 2





Projection: NAD 1983 UTM Zone 13N
 Compiled: T.Lohman Drawn: T.Lohman
 Date: 2025-11-14 10:31 AM Scale: 1:60,000
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 ORANO Canada Inc.

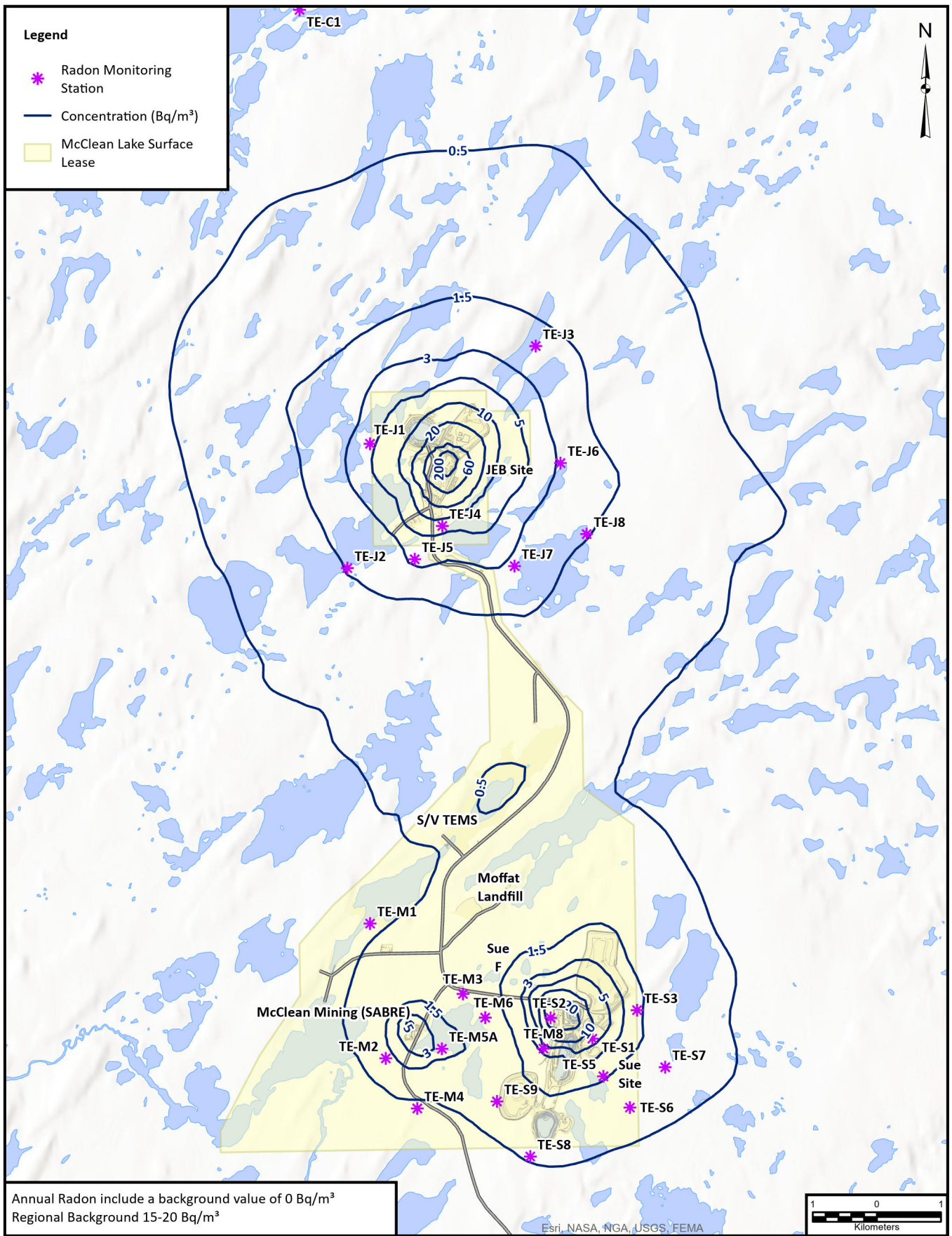
McCLEAN LAKE OPERATION

FIGURE 2.3-26

ANNUAL BENZENE CONCENTRATIONS
 FOR THE BASELINE OPERATIONS SCENARIO ($\mu\text{g}/\text{m}^3$)

2025 ENVIRONMENTAL PERFORMANCE TID VOLUME 2





Projection: NAD 1983 UTM Zone 13N
Compiled: T.Lohman Drawn: T.Lohman
Date: 2025-12-15 3:22 PM Scale: 1:82,750
Data Sources: Nation Topographic Database, IEC,
ORANO Canada Inc.

McCLEAN LAKE OPERATION

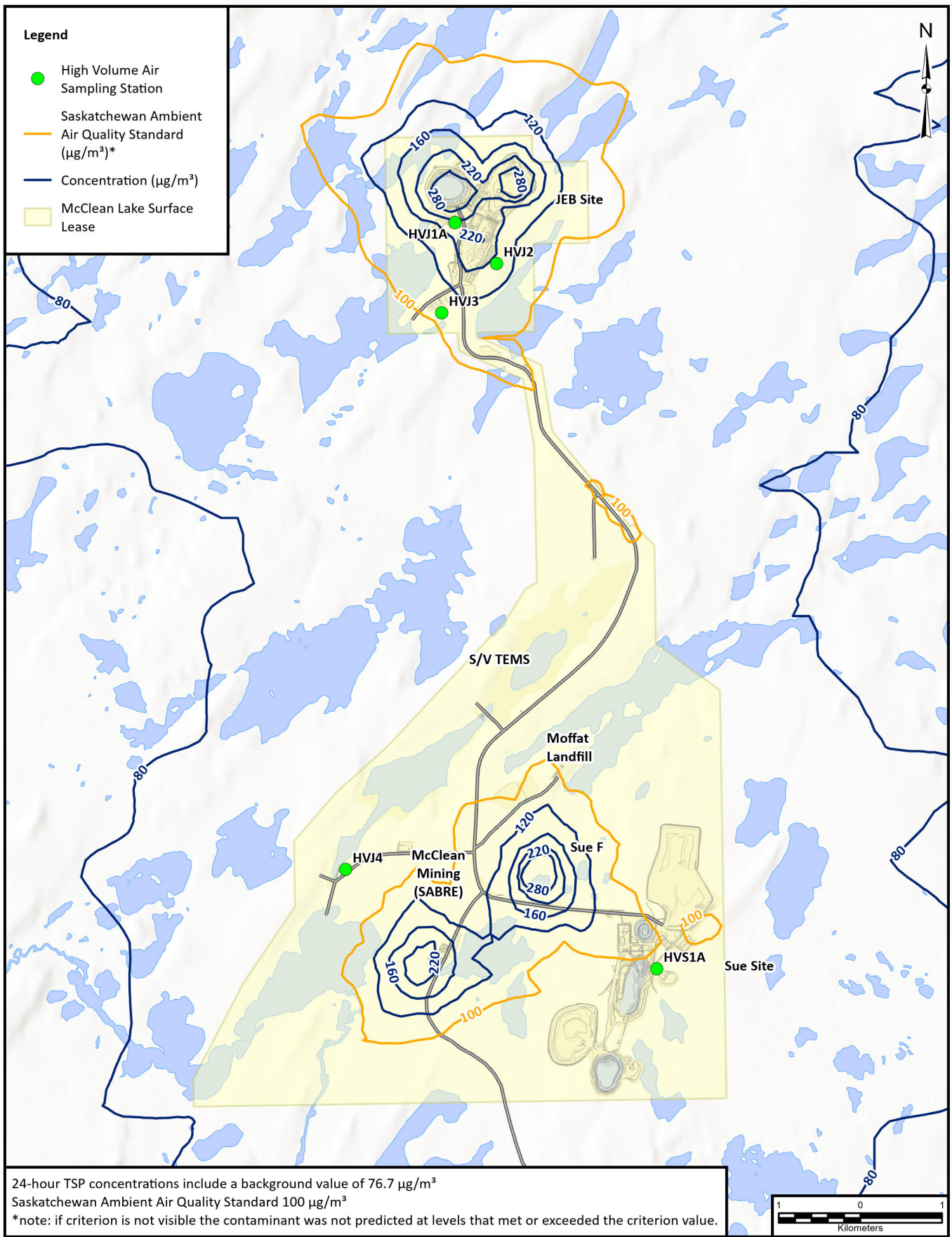
FIGURE 2.3-27

ANNUAL RADON CONCENTRATIONS
FOR THE BASELINE OPERATIONS SCENARIO (Bq/m³)

2025 ENVIRONMENTAL PERFORMANCE TID VOLUME 2



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Projection: NAD 1983 UTM Zone 13N
 Compiled: T.Lohman Drawn: T.Lohman
 Date: 2025-11-14 11:12 AM Scale: 1:65,000
 Data Sources: Nation Topographic Database, IEC,
 ORANO Canada Inc.

McCLEAN LAKE OPERATION

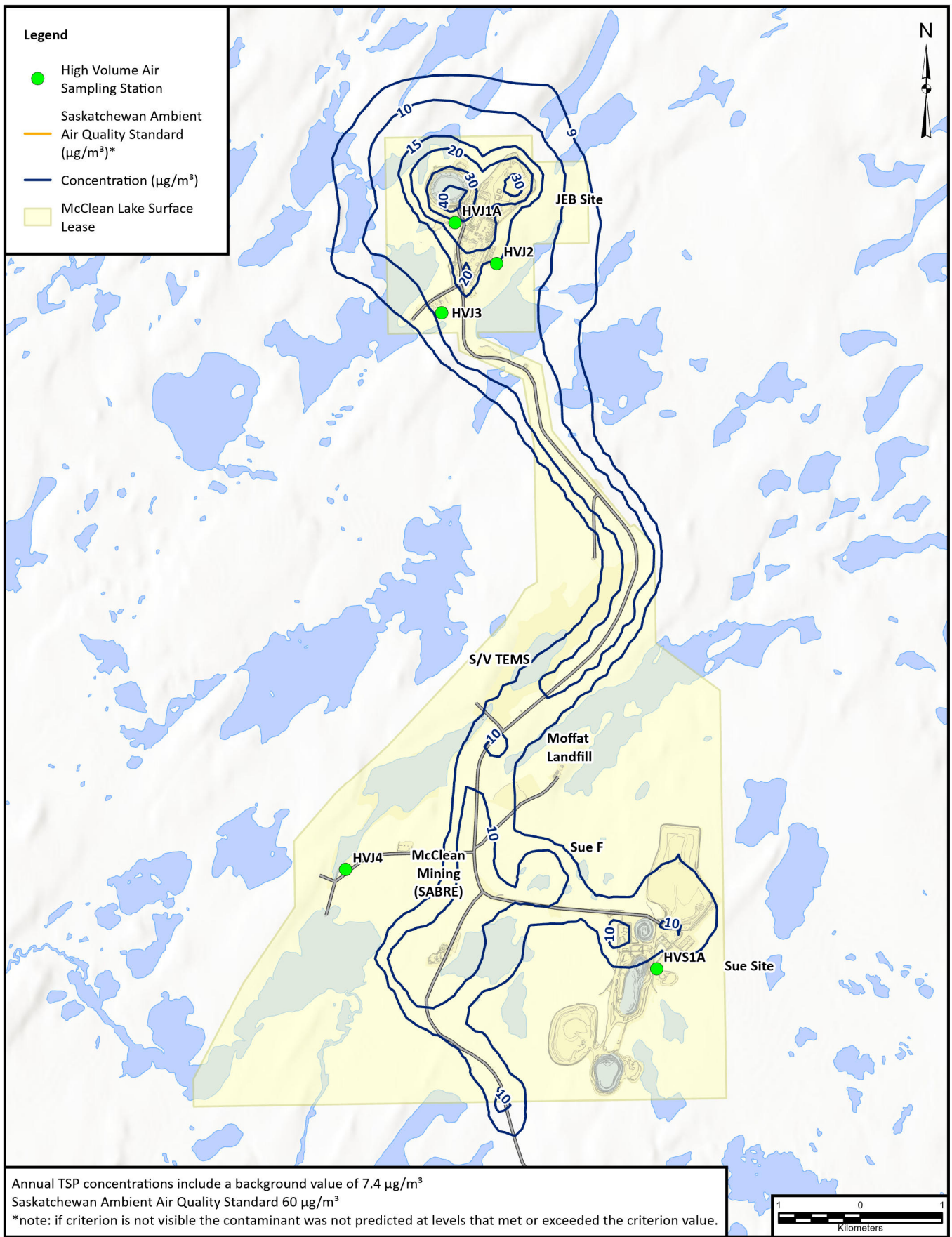
FIGURE 2.3-28

24-HOUR TSP CONCENTRATIONS
 FOR THE MAXIMUM FUTURE OPERATIONS SCENARIO ($\mu\text{g}/\text{m}^3$)

2025 ENVIRONMENTAL PERFORMANCE TID VOLUME 2



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Projection: NAD 1983 UTM Zone 13N
 Compiled: T.Lohman Drawn: T.Lohman
 Date: 2025-12-01 4:20 PM Scale: 1:65,000
 Data Sources: Nation Topographic Database, IEC,
 ORANO Canada Inc.

McCLEAN LAKE OPERATION

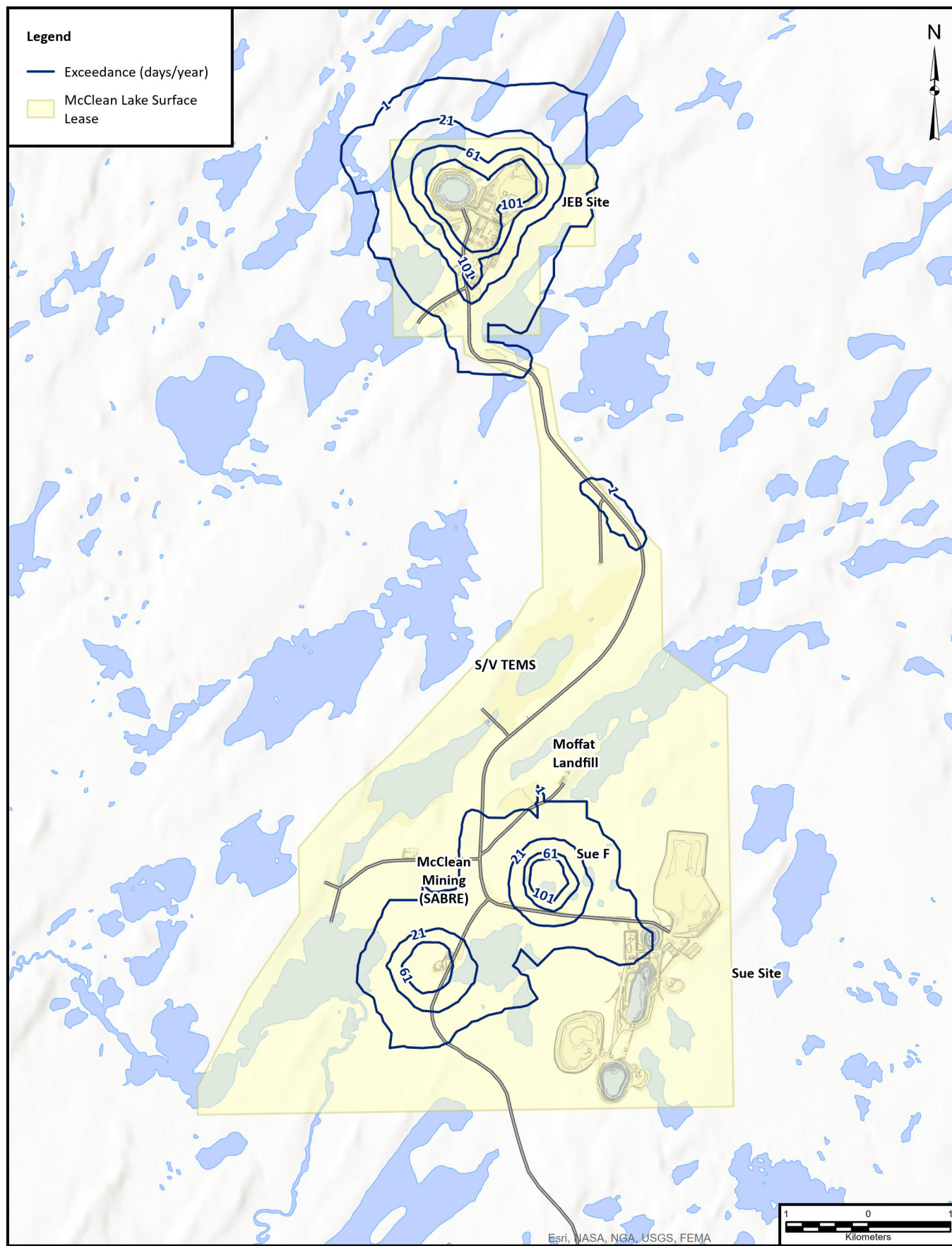
FIGURE 2.3-29

ANNUAL TSP CONCENTRATIONS
 FOR THE MAXIMUM FUTURE OPERATIONS SCENARIO ($\mu\text{g}/\text{m}^3$)

2025 ENVIRONMENTAL PERFORMANCE TID VOLUME 2



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Projection: NAD 1983 UTM Zone 13N
 Compiled: T.Lohman Drawn: T.Lohman
 Date: 2025-11-14 1:17 PM Scale: 1:65,000
 Data Sources: Nation Topographic Database, IEC,
 ORANO Canada Inc.

McCLEAN LAKE OPERATION

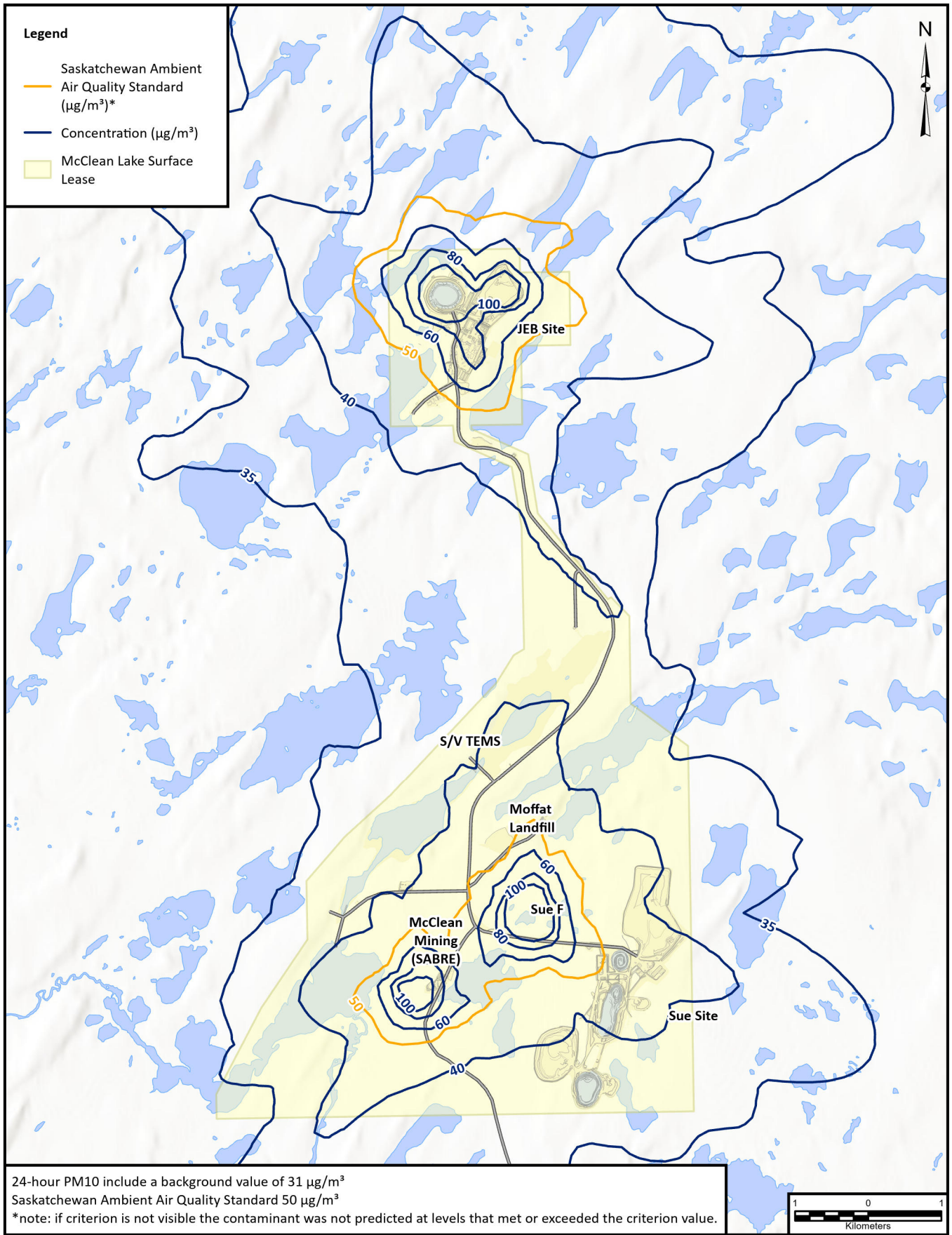
FIGURE 2.3-30

24-HOUR TSP EXCEEDANCES
 FOR THE MAXIMUM FUTURE OPERATIONS SCENARIO (DAYS/YEAR)

2025 ENVIRONMENTAL PERFORMANCE TID VOLUME 2



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Projection: NAD 1983 UTM Zone 13N
 Compiled: T.Lohman Drawn: T.Lohman
 Date: 2025-11-14 1:33 PM Scale: 1:72,500
 Data Sources: Nation Topographic Database, IEC,
 ORANO Canada Inc.

McCLEAN LAKE OPERATION

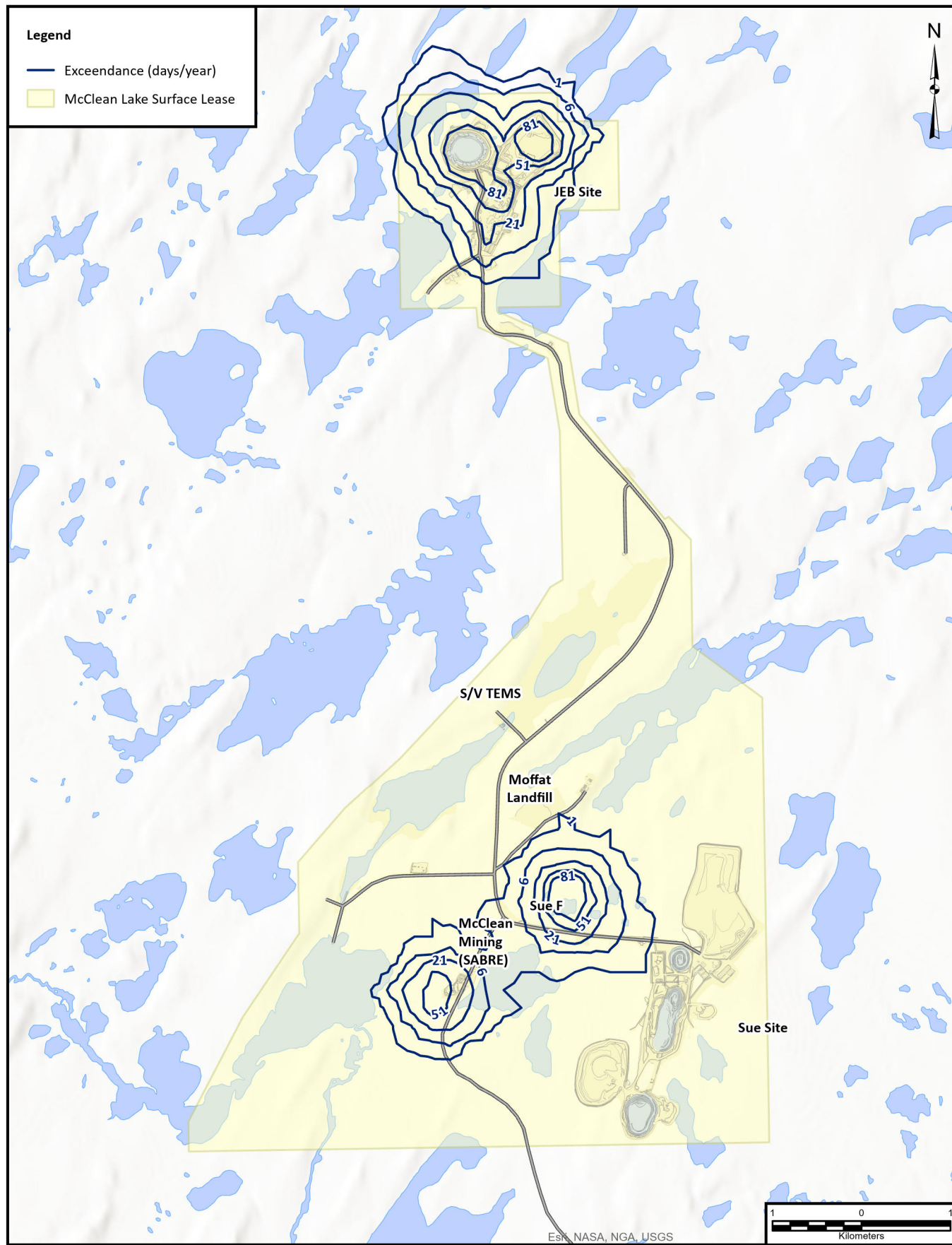
FIGURE 2.3-31

24-HOUR PM10 CONCENTRATIONS
 FOR THE MAXIMUM FUTURE OPERATIONS SCENARIO ($\mu\text{g}/\text{m}^3$)

2025 ENVIRONMENTAL PERFORMANCE TID VOLUME 2



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Projection: NAD 1983 UTM Zone 13N
 Compiled: T.Lohman Drawn: T.Lohman
 Date: 2025-11-14 2:37 PM Scale: 1:60,000
 Data Sources: Nation Topographic Database, IEC,
 ORANO Canada Inc.

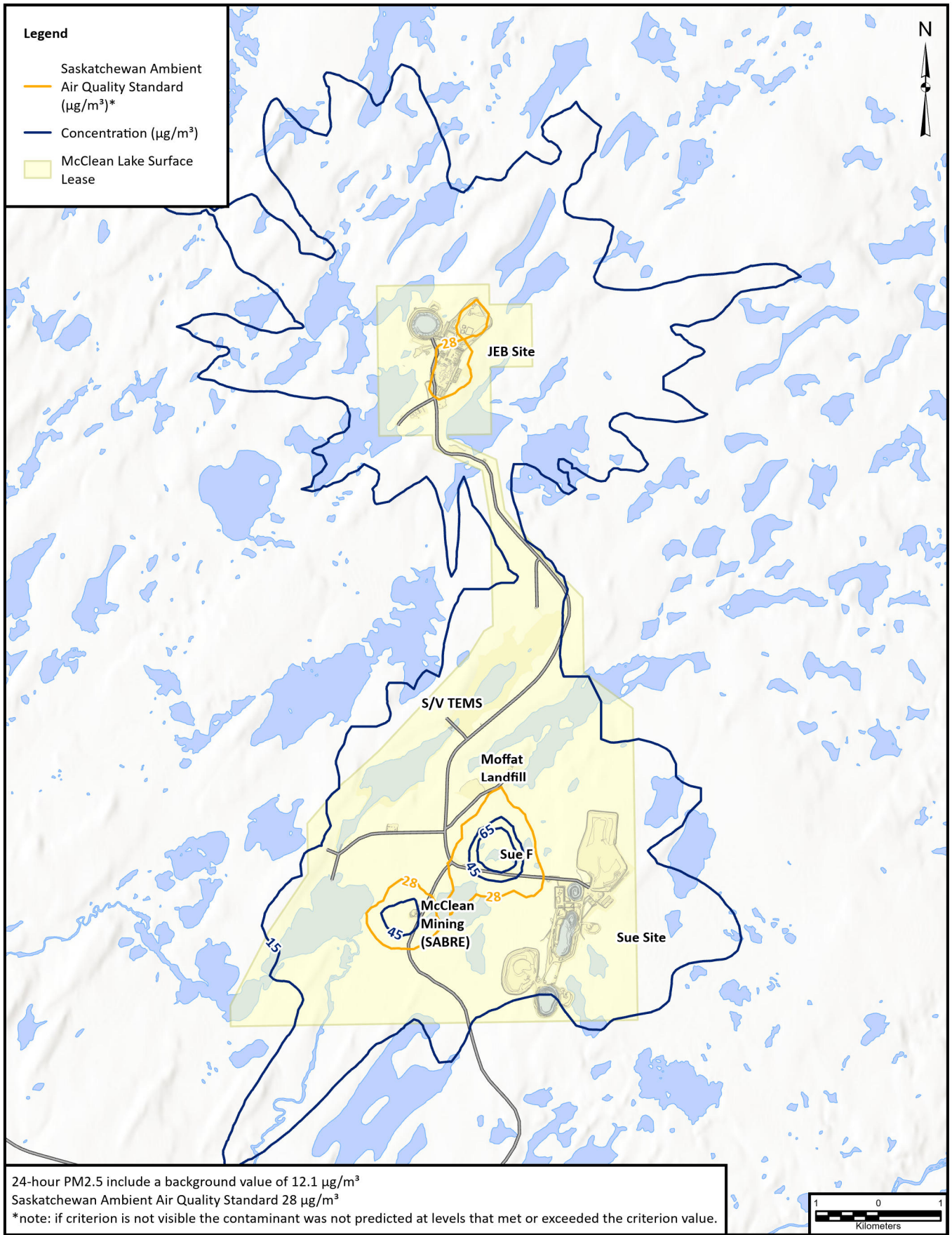
McCLEAN LAKE OPERATION

FIGURE 2.3-32

24-HOUR PM10 EXCEEDANCES
 FOR THE MAXIMUM FUTURE OPERATIONS SCENARIO (DAYS/YEAR)

2025 ENVIRONMENTAL PERFORMANCE TID VOLUME 2





Projection: NAD 1983 UTM Zone 13N
 Compiled: T.Lohman Drawn: T.Lohman
 Date: 2025-11-30 3:48 PM Scale: 1:85,000
 Data Sources: Nation Topographic Database, IEC,
 ORANO Canada Inc.

McCLEAN LAKE OPERATION

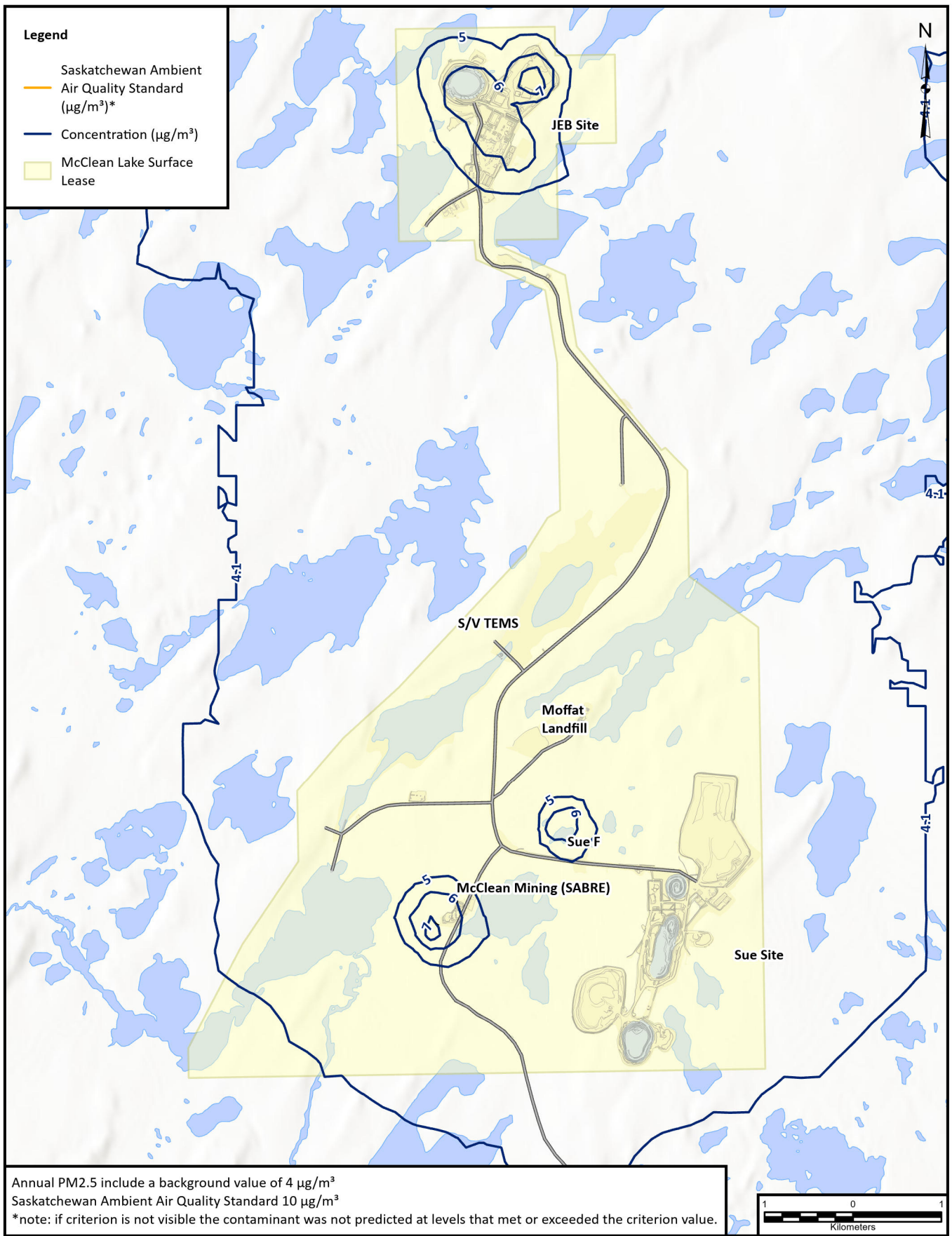
FIGURE 2.3-33

24-HOUR PM2.5 CONCENTRATIONS
 FOR THE MAXIMUM FUTURE OPERATIONS SCENARIO ($\mu\text{g}/\text{m}^3$)

2025 ENVIRONMENTAL PERFORMANCE TID VOLUME 2



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Projection: NAD 1983 UTM Zone 13N
 Compiled: T.Lohman Drawn: T.Lohman
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 Data Sources: Nation Topographic Database, IEC,
 ORANO Canada Inc.

McCLEAN LAKE OPERATION

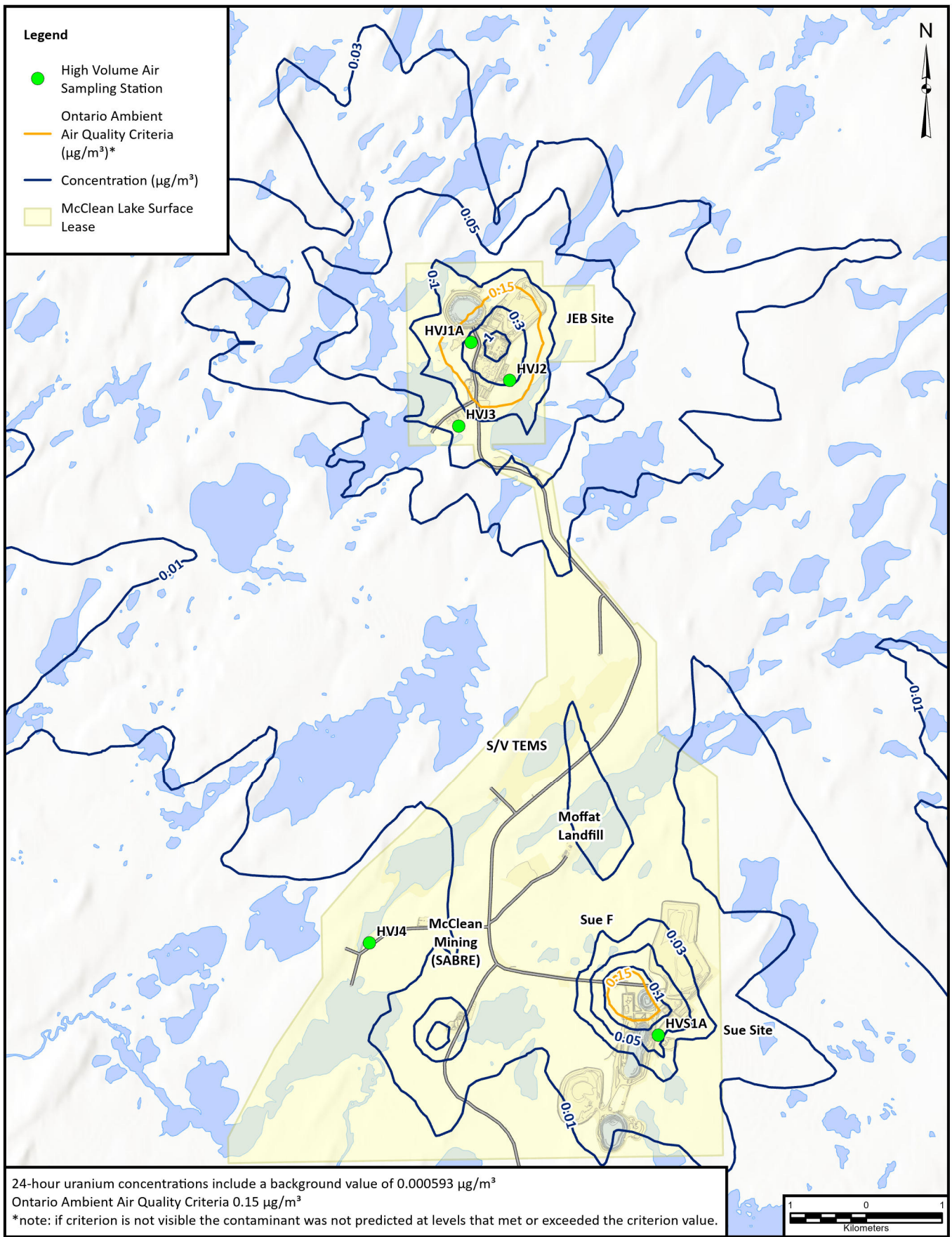
FIGURE 2.3-34

ANNUAL PM2.5 CONCENTRATIONS
 FOR THE MAXIMUM FUTURE OPERATIONS SCENARIO ($\mu\text{g}/\text{m}^3$)

2025 ENVIRONMENTAL PERFORMANCE TID VOLUME 2



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Projection: NAD 1983 UTM Zone 13N
 Compiled: T.Lohman Drawn: T.Lohman
 Date: 2025-11-30 4:03 PM Scale: 1:70,000
 Data Sources: Nation Topographic Database, IEC,
 ORANO Canada Inc.

McCLEAN LAKE OPERATION

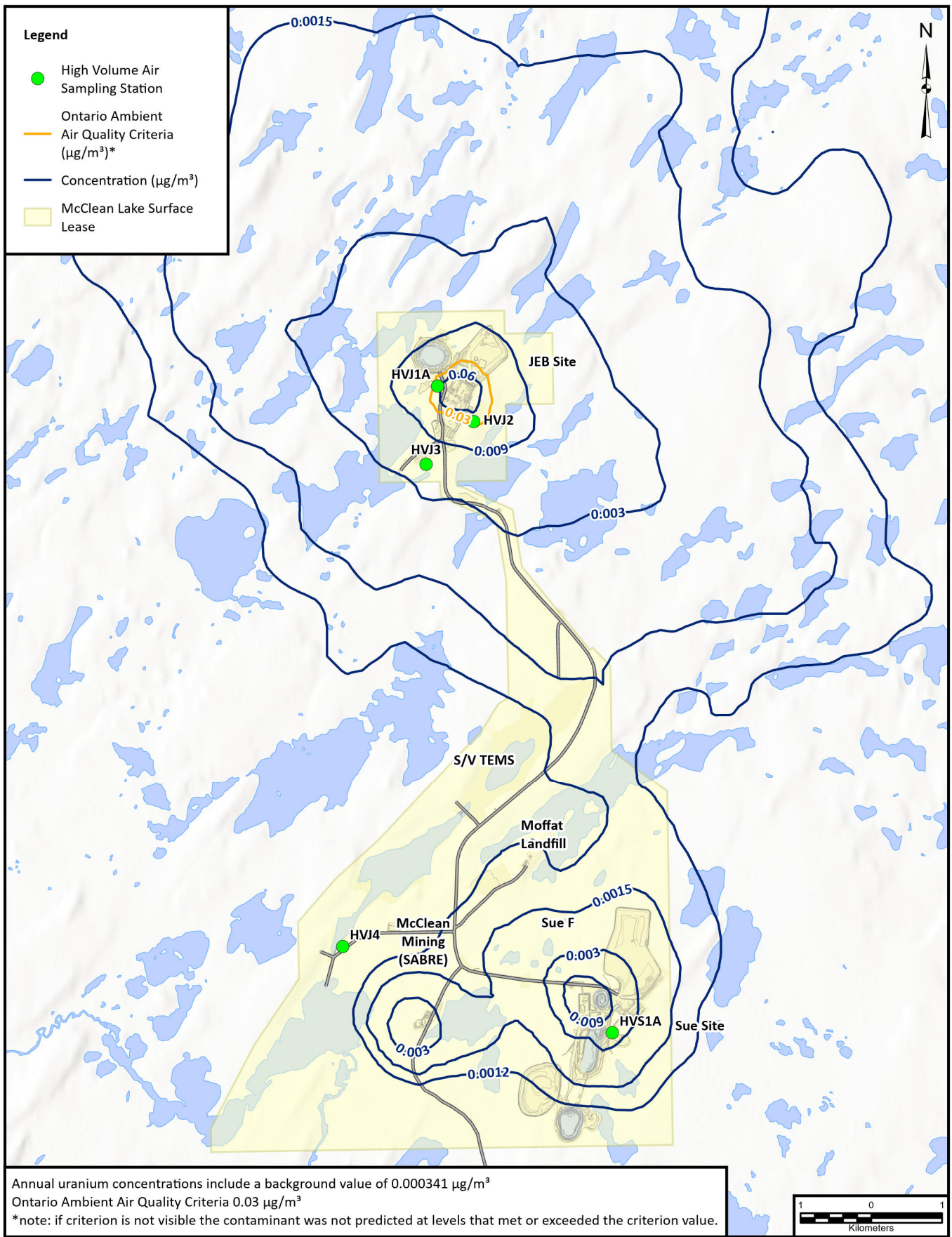
FIGURE 2.3-35

24-HOUR URANIUM CONCENTRATIONS
 FOR THE MAXIMUM FUTURE OPERATIONS SCENARIO ($\mu\text{g}/\text{m}^3$)

2025 ENVIRONMENTAL PERFORMANCE TID VOLUME 2



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Projection: NAD 1983 UTM Zone 13N
 Compiled: T.Lohman Drawn: T.Lohman
 Date: 2025-12-01 4:20 PM Scale: 1:75,000
 Data Sources: Nation Topographic Database, IEC,
 ORANO Canada Inc.

McCLEAN LAKE OPERATION

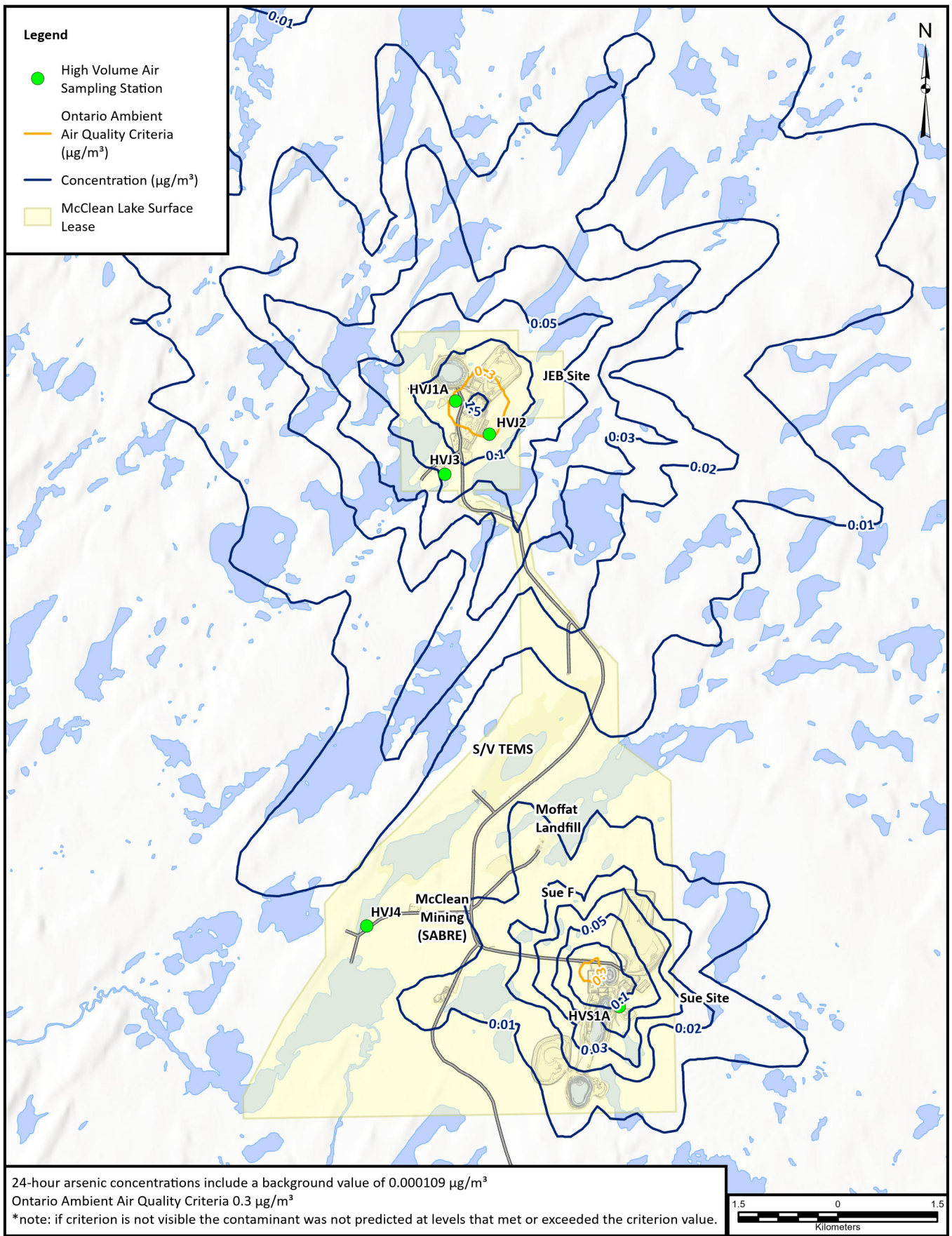
FIGURE 2.3-36

ANNUAL URANIUM CONCENTRATIONS
 FOR THE MAXIMUM FUTURE OPERATIONS SCENARIO ($\mu\text{g}/\text{m}^3$)

2025 ENVIRONMENTAL PERFORMANCE TID VOLUME 2



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Projection: NAD 1983 UTM Zone 13N
 Compiled: T.Lohman Drawn: T.Lohman
 Date: 2025-11-17 4:49 PM Scale: 1:80,000
 Data Sources: Nation Topographic Database, IEC,
 ORANO Canada Inc.

McCLEAN LAKE OPERATION

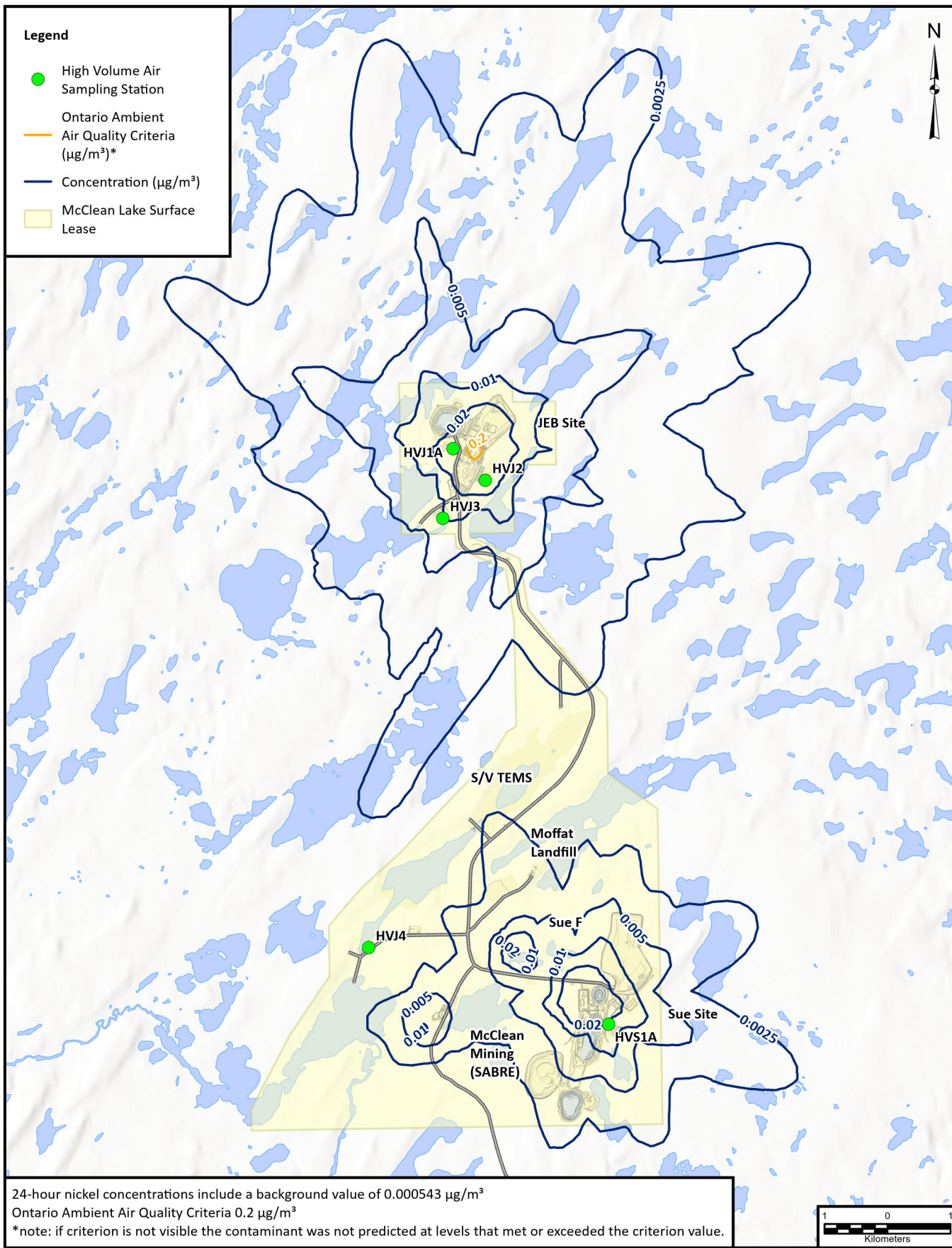
FIGURE 2.3-37

24-HOUR ARSENIC CONCENTRATIONS
 FOR THE MAXIMUM FUTURE OPERATIONS SCENARIO ($\mu\text{g}/\text{m}^3$)

2025 ENVIRONMENTAL PERFORMANCE TID VOLUME 2



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Projection: NAD 1983 UTM Zone 13N
 Compiled: T.Lohman Drawn: T.Lohman
 Date: 2025-11-30 4:10 PM Scale: 1:85,000
 Data Sources: Nation Topographic Database, IEC,
 ORANO Canada Inc.

McCLEAN LAKE OPERATION

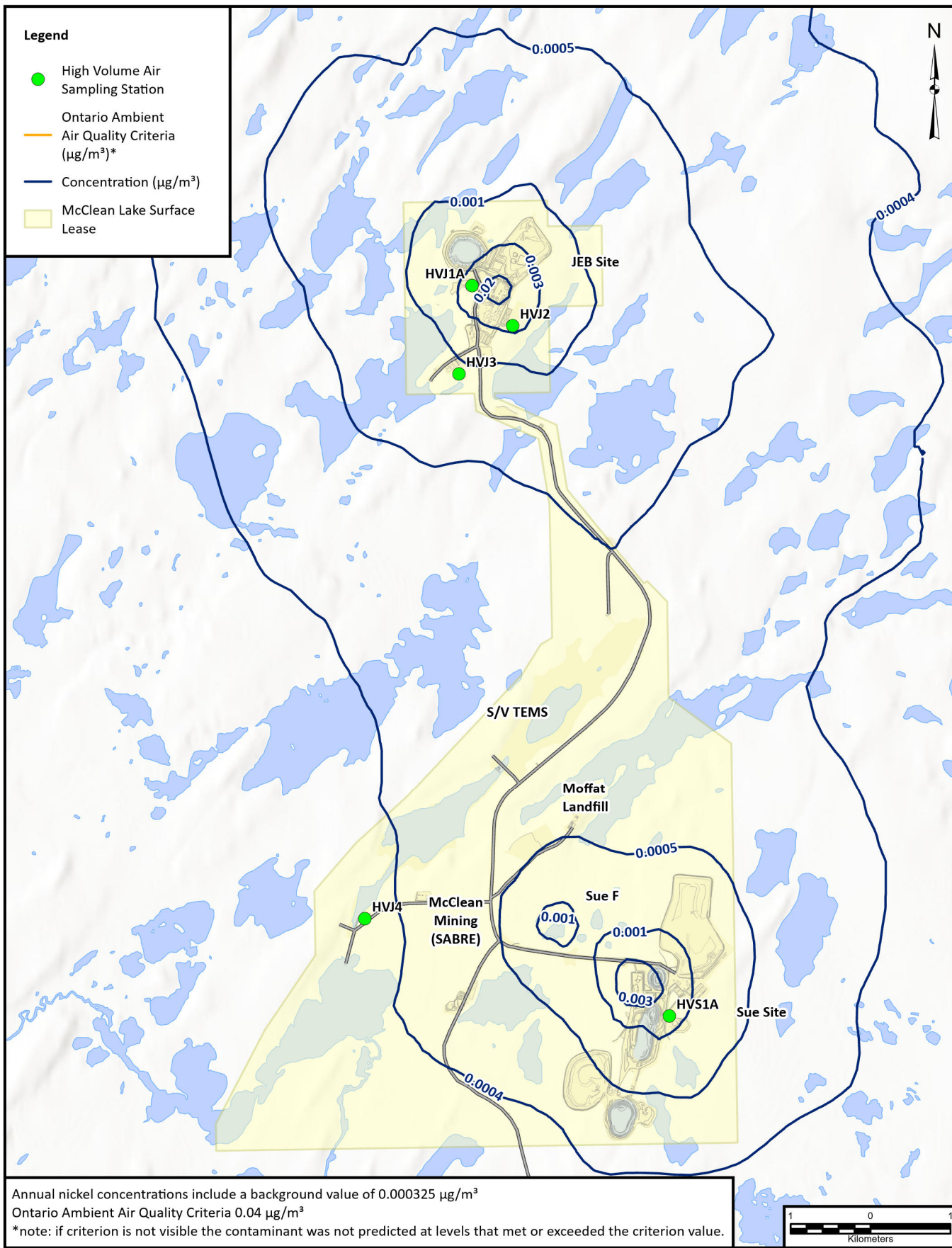
FIGURE 2.3-38

24-HOUR NICKEL CONCENTRATIONS
 FOR THE MAXIMUM FUTURE OPERATIONS SCENARIO($\mu\text{g}/\text{m}^3$)

2025 ENVIRONMENTAL PERFORMANCE TID VOLUME 2



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Projection: NAD 1983 UTM Zone 13N
 Compiled: T.Lohman Drawn: T.Lohman
 Date: 2025-11-18 10:10 AM Scale: 1:67,000
 Data Sources: Nation Topographic Database, IEC,
 ORANO Canada Inc.

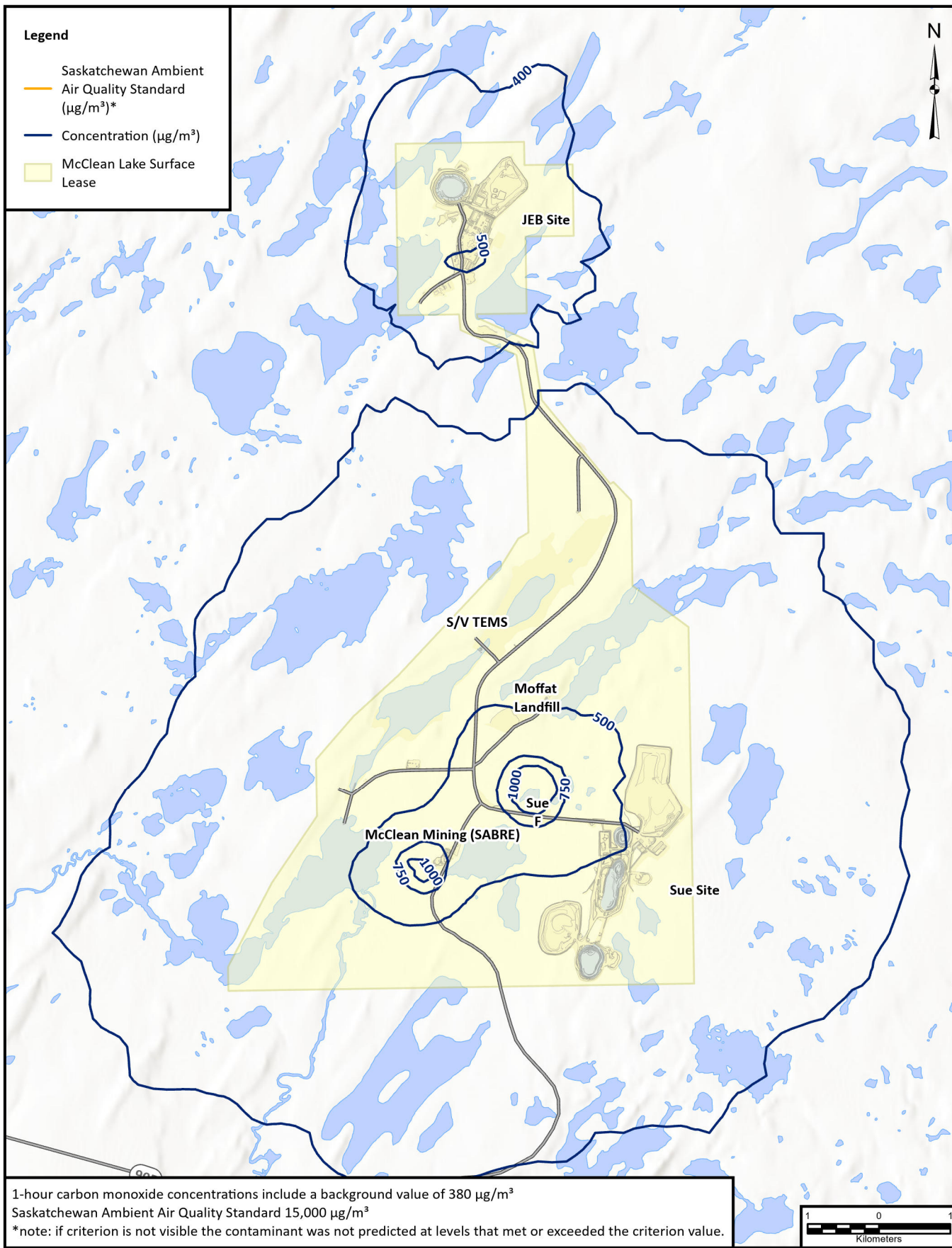
McCLEAN LAKE OPERATION

FIGURE 2.3-39

ANNUAL NICKEL CONCENTRATIONS
 FOR THE MAXIMUM FUTURE OPERATIONS SCENARIO ($\mu\text{g}/\text{m}^3$)

2025 ENVIRONMENTAL PERFORMANCE TID VOLUME 2





Projection: NAD 1983 UTM Zone 13N
 Compiled: T.Lohman Drawn: T.Lohman
 Date: 2025-11-18 10:10 AM Scale: 1:75,000
 Data Sources: Nation Topographic Database, IEC,
 ORANO Canada Inc.

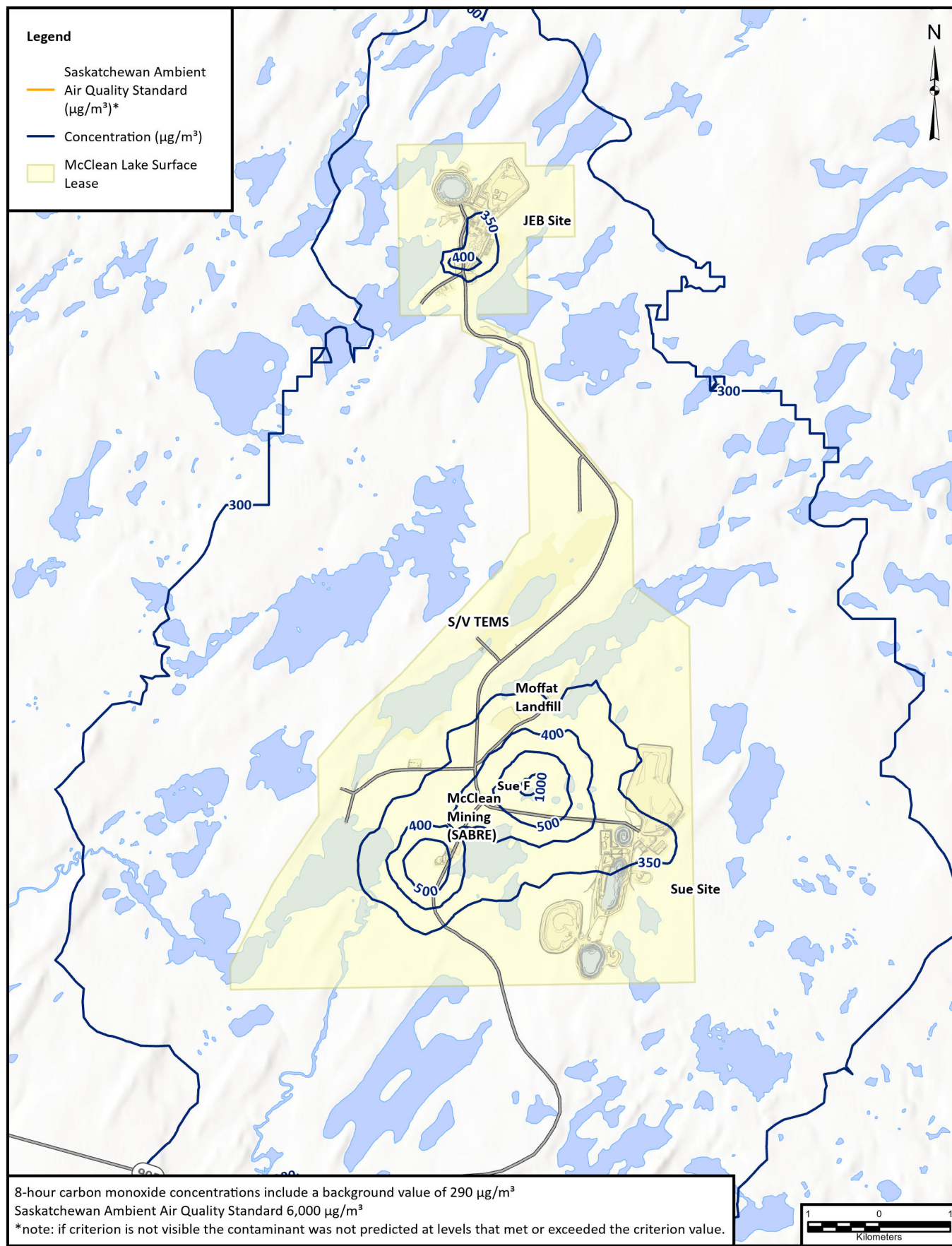
McCLEAN LAKE OPERATION

FIGURE 2.3-40

1-HOUR CO CONCENTRATIONS
 FOR THE MAXIMUM FUTURE OPERATIONS SCENARIO ($\mu\text{g}/\text{m}^3$)

2025 ENVIRONMENTAL PERFORMANCE TID VOLUME 2





Projection: NAD 1983 UTM Zone 13N
 Compiled: T.Lohman Drawn: T.Lohman
 Date: 2025-11-20 3:16 PM Scale: 1:75,000
 Data Sources: Nation Topographic Database, IEC,
 ORANO Canada Inc.

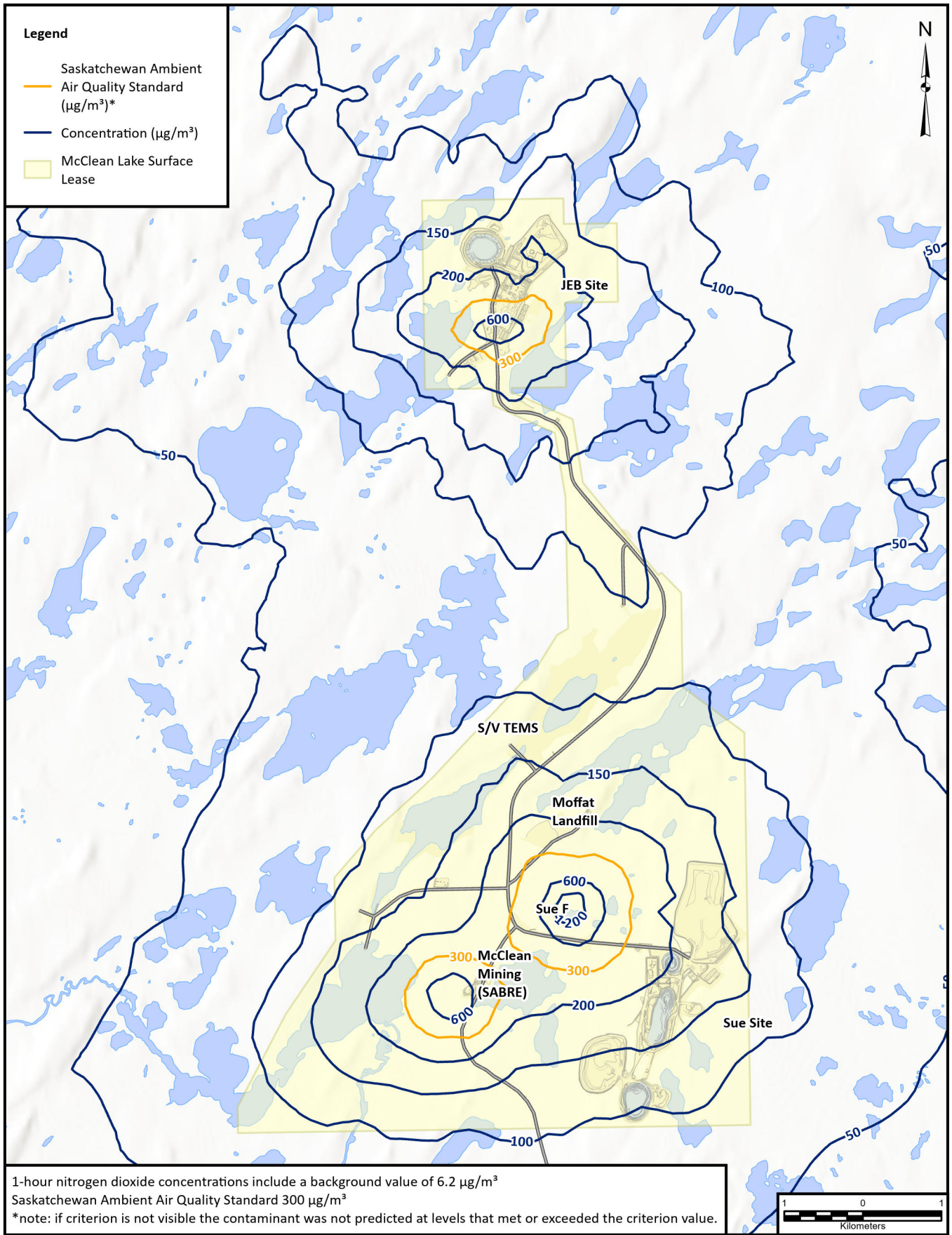
McCLEAN LAKE OPERATION

FIGURE 2.3-41

8-HOUR CO CONCENTRATIONS
 FOR THE MAXIMUM FUTURE OPERATIONS SCENARIO ($\mu\text{g}/\text{m}^3$)

2025 ENVIRONMENTAL PERFORMANCE TID VOLUME 2





Projection: NAD 1983 UTM Zone 13N
 Compiled: T.Lohman Drawn: T.Lohman
 Date: 2025-11-18 3:37 PM Scale: 1:67,500
 Data Sources: Nation Topographic Database, IEC,
 ORANO Canada Inc.

McCLEAN LAKE OPERATION

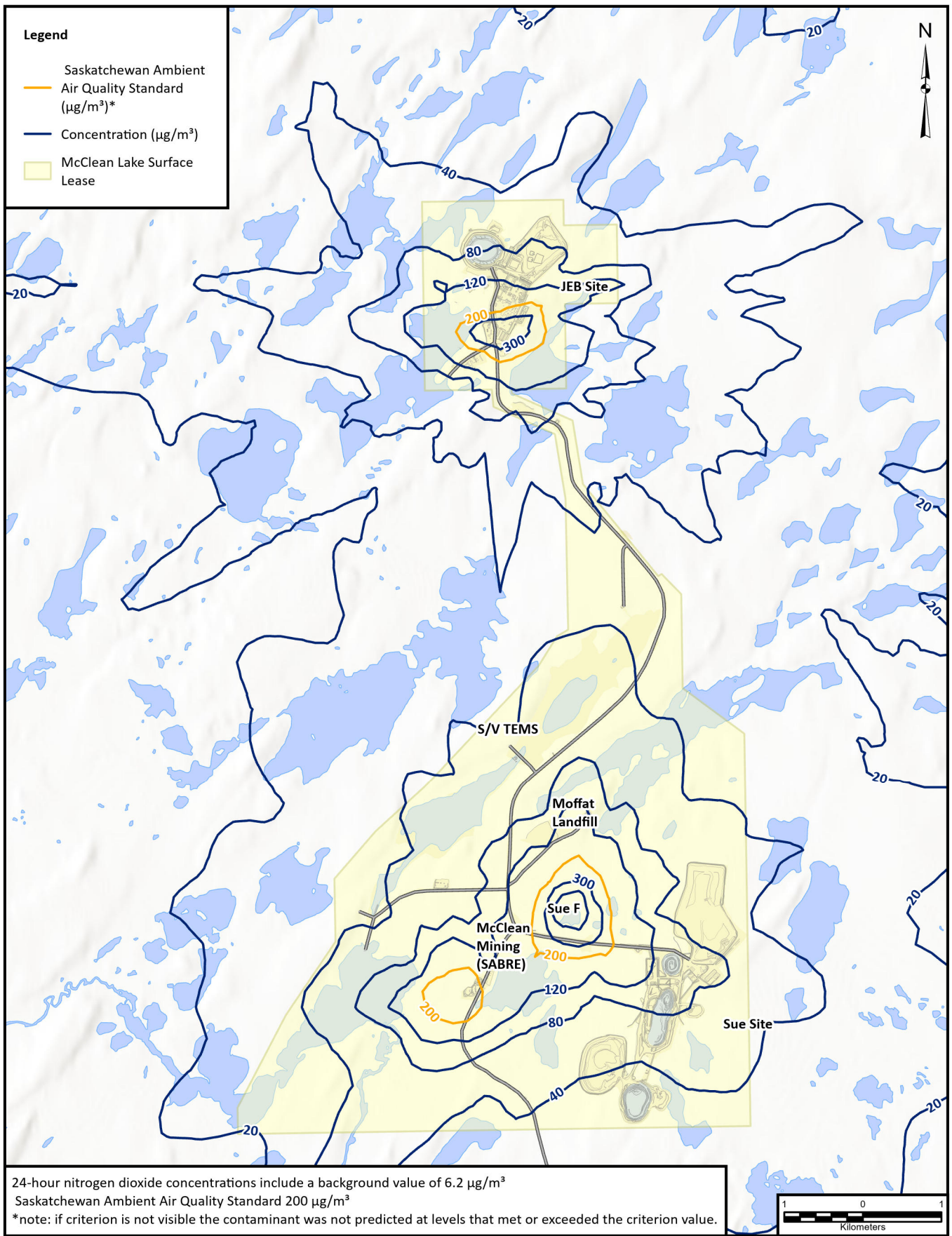
FIGURE 2.3-42

1-HOUR NO₂ CONCENTRATIONS
 FOR THE MAXIMUM FUTURE OPERATIONS SCENARIO ($\mu\text{g}/\text{m}^3$)

2025 ENVIRONMENTAL PERFORMANCE TID VOLUME 2



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Projection: NAD 1983 UTM Zone 13N
 Compiled: T.Lohman Drawn: T.Lohman
 Date: 2025-11-18 3:37 PM Scale: 1:67,500
 Data Sources: Nation Topographic Database, IEC,
 ORANO Canada Inc.

McCLEAN LAKE OPERATION

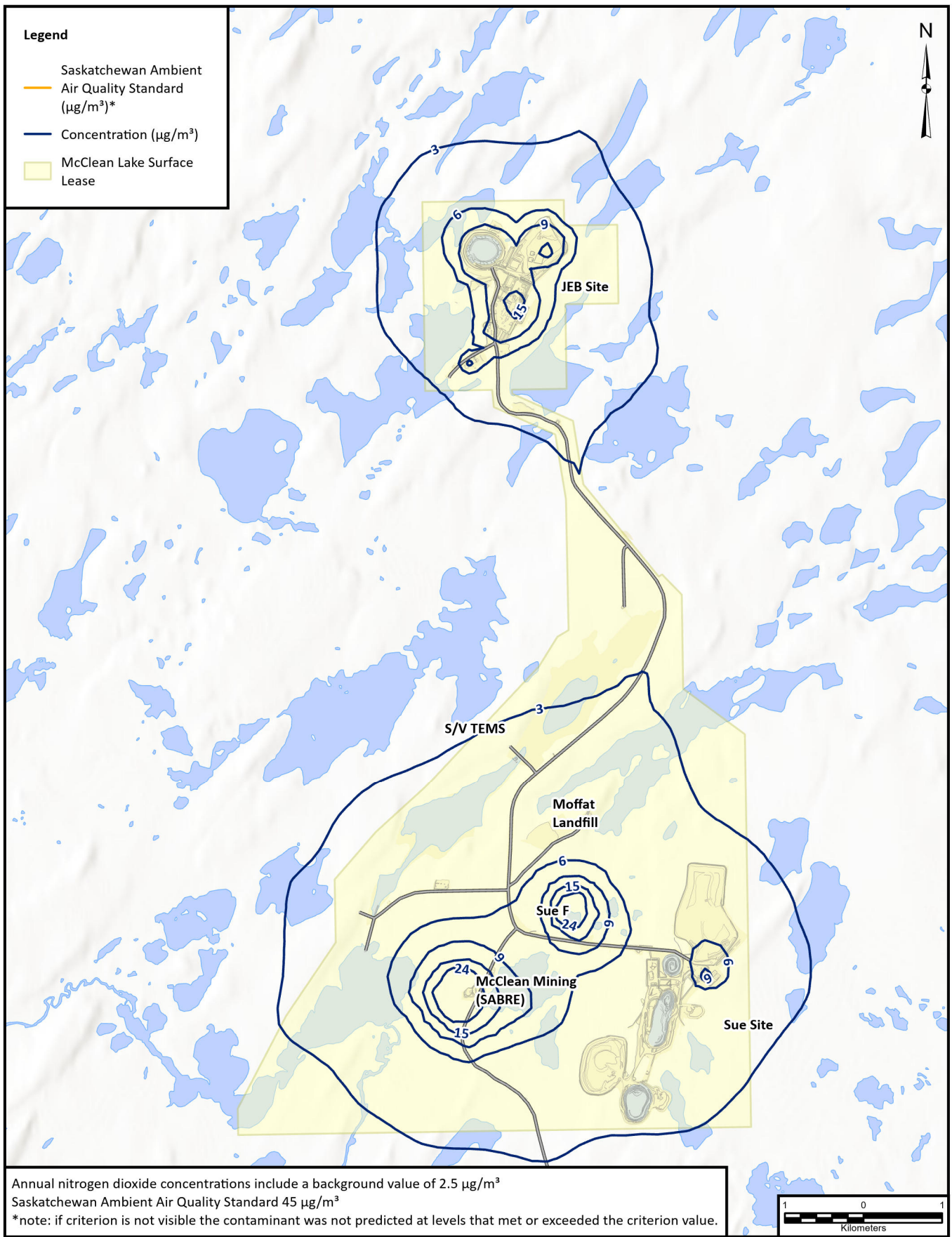
FIGURE 2.3-43

24-HOUR NO₂ CONCENTRATIONS
 FOR THE MAXIMUM FUTURE OPERATIONS SCENARIO ($\mu\text{g}/\text{m}^3$)

2025 ENVIRONMENTAL PERFORMANCE TID VOLUME 2



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Projection: NAD 1983 UTM Zone 13N
 Compiled: T.Lohman Drawn: T.Lohman
 Date: 2025-11-18 3:23 PM Scale: 1:67,500
 Data Sources: Nation Topographic Database, IEC,
 ORANO Canada Inc.

McCLEAN LAKE OPERATION

FIGURE 2.3-44

ANNUAL NO₂ CONCENTRATIONS
 FOR THE MAXIMUM FUTURE OPERATIONS SCENARIO ($\mu\text{g}/\text{m}^3$)

2025 ENVIRONMENTAL PERFORMANCE TID VOLUME 2



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