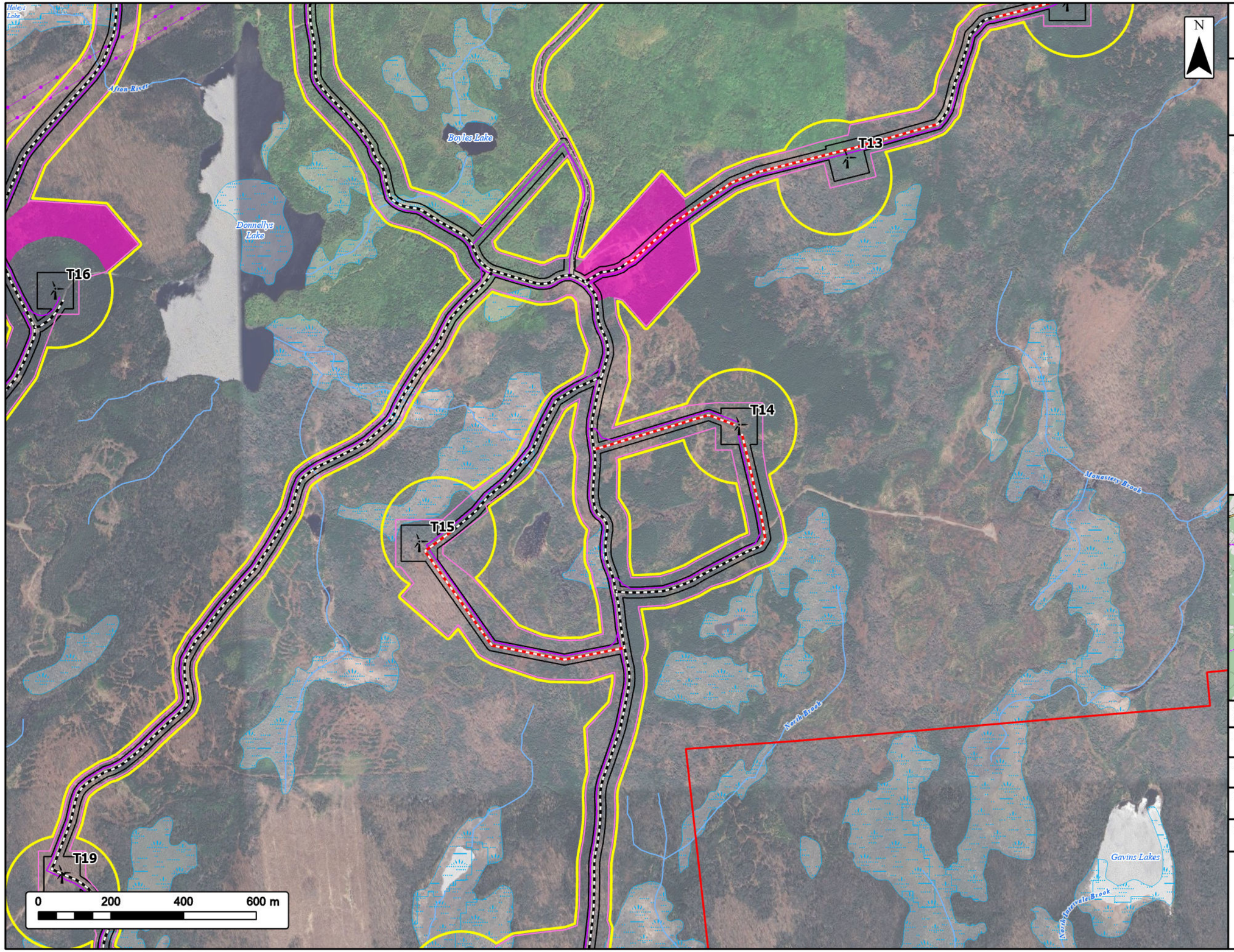
Upper Afton Wind Project

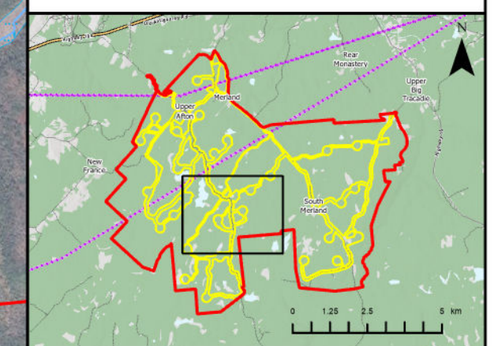
Project Infrastructure

Upper Afton Wind



Study Area		**Transportation**	
Assessment Area		Unpaved Road	
Proposed Turbine Location *		**Utilities (Line)**	
		Existing Transmission Lines	
Existing Road		**Water Features**	
Proposed New Road		Mapped Watercourses	
Collector Line		Mapped Wetlands	
Project Footprint			
Clearing Footprint			
Laydown Area			

* Turbines labelled as A# are considered alternates



Coordinate System: NAD 1983 CSRS UTM Zone 20N

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Date: 2026-02-24	Project #: 24-11145
Scale: 1:10,000	Drawing #: **3.1H**
Drawn By: K. Wallace	
Checked By: M. Smith	

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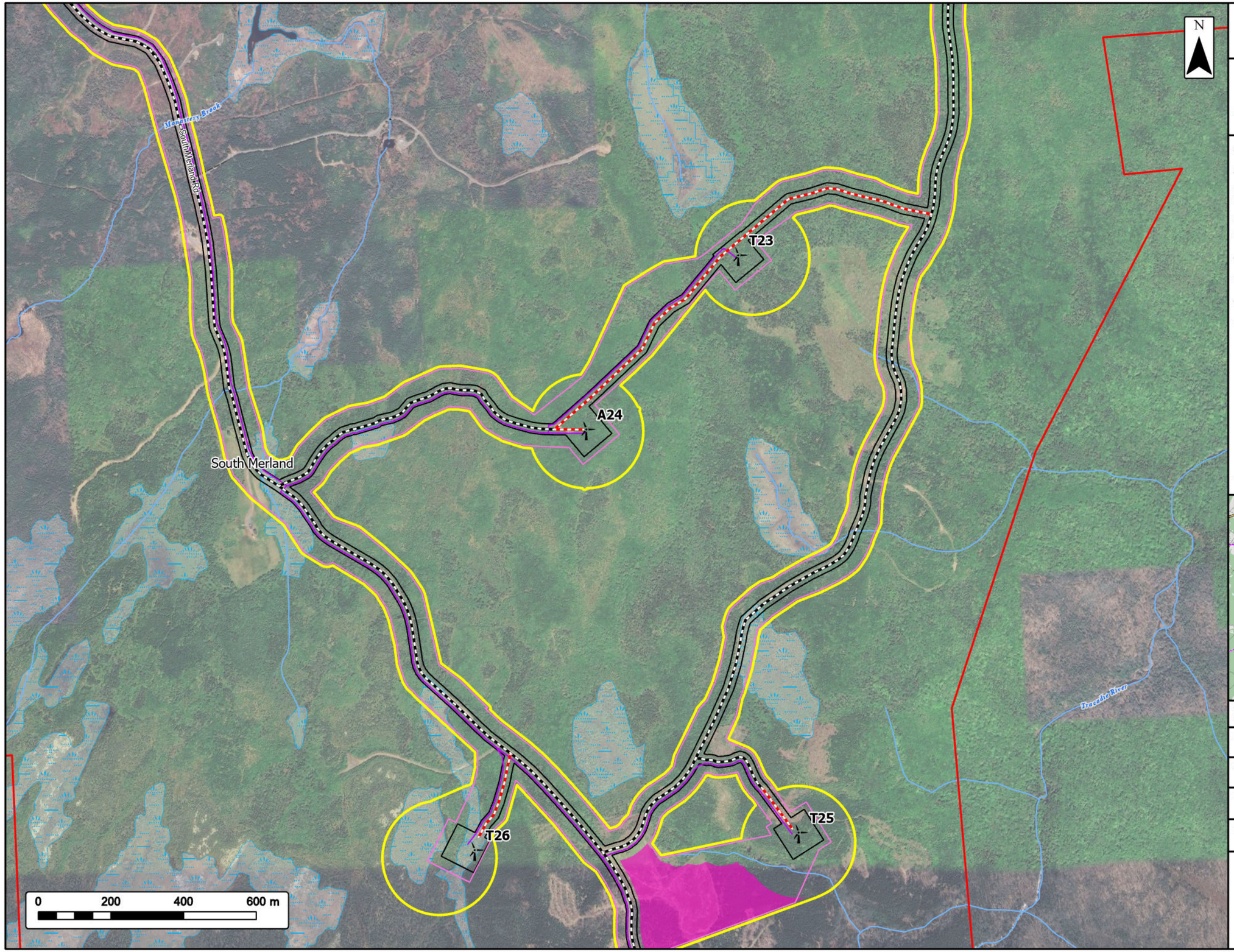
Upper Afton Wind Project

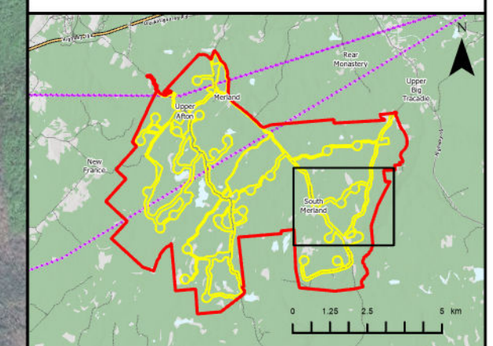
Project Infrastructure

Upper Afton Wind



Study Area		**Transportation**	
Assessment Area		Road	
		Unpaved Road	
Proposed Turbine Location *		**Water Features**	
Existing Road		Mapped Watercourses	
Proposed New Road		Mapped Wetlands	
Collector Line			
Project Footprint			
Clearing Footprint			
Laydown Area			

* Turbines labelled as A# are considered alternates



Coordinate System: NAD 1983 CSRS UTM Zone 20N

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Date: 2026-02-24	Project #: 24-11145
Scale: 1:10,000	Drawing #: **3.1I**
Drawn By: K. Wallace	
Checked By: M. Smith	

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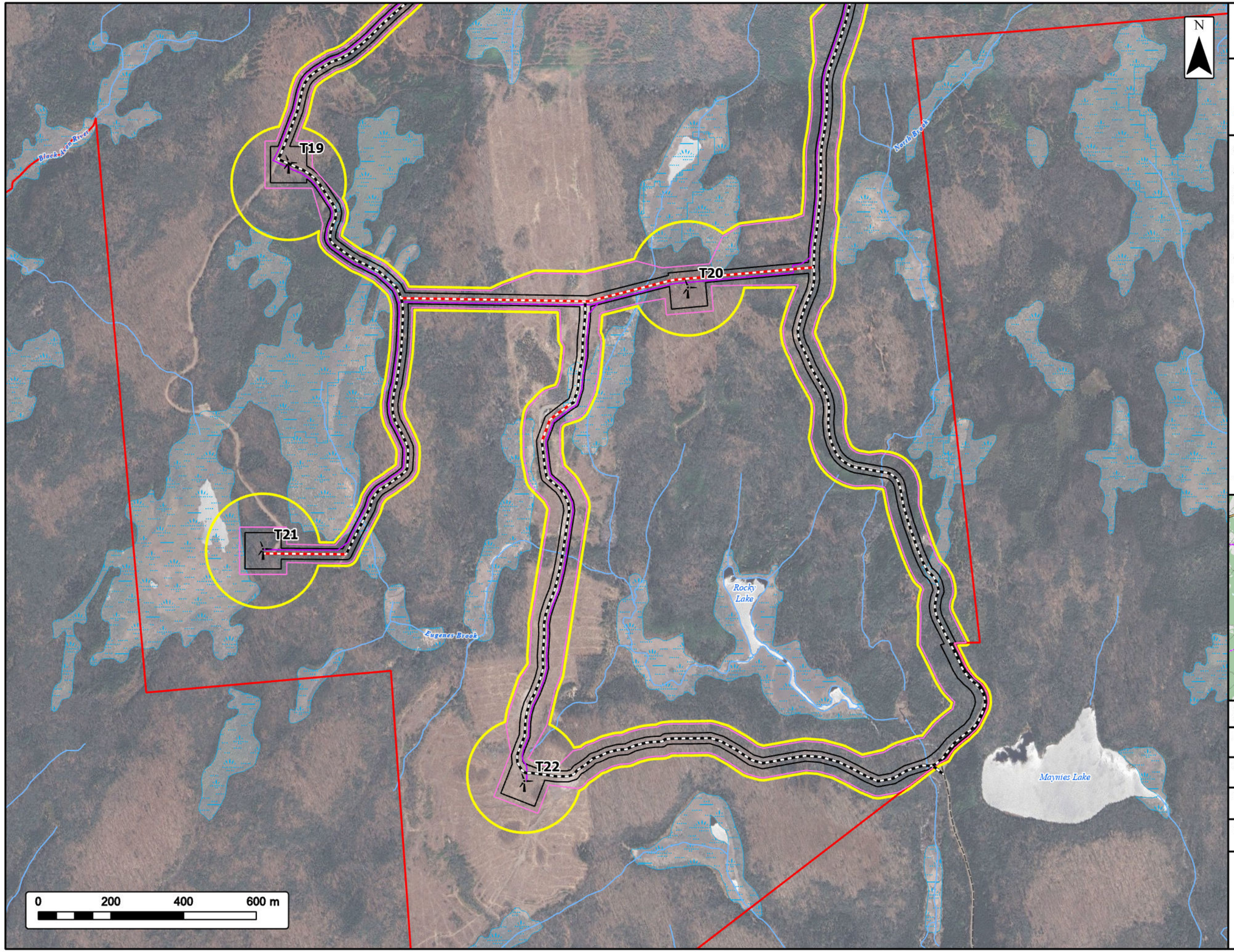
Upper Afton Wind Project

Project Infrastructure

Upper Afton Wind



Study Area

Assessment Area

Proposed Turbine Location *

Existing Road

Proposed New Road

Collector Line

Project Footprint

Clearing Footprint

Transportation

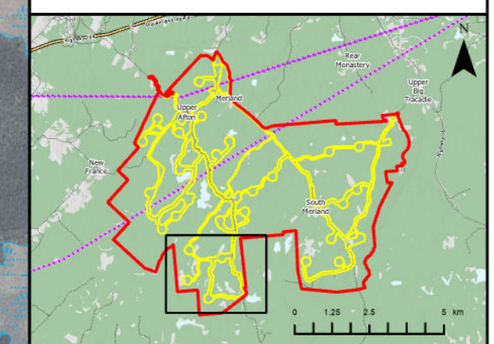
Unpaved Road

Water Features

Mapped Watercourses

Mapped Wetlands

* Turbines labelled as A# are considered alternates



Coordinate System: NAD 1983 CSRS UTM Zone 20N

Sources: © OpenStreetMap (and) contributors, CC-BY-SA, Esri, NASA, NGA, USGS, GeoNOVA, SNSIS, NSNRR, ACCDC, IBA Canada, CNWI, HERE, Garmin

Date: 2026-02-24	Project #: 24-11145
Scale: 1:10,000	Drawing #: **3.1J**
Drawn By: K. Wallace	
Checked By: M. Smith	

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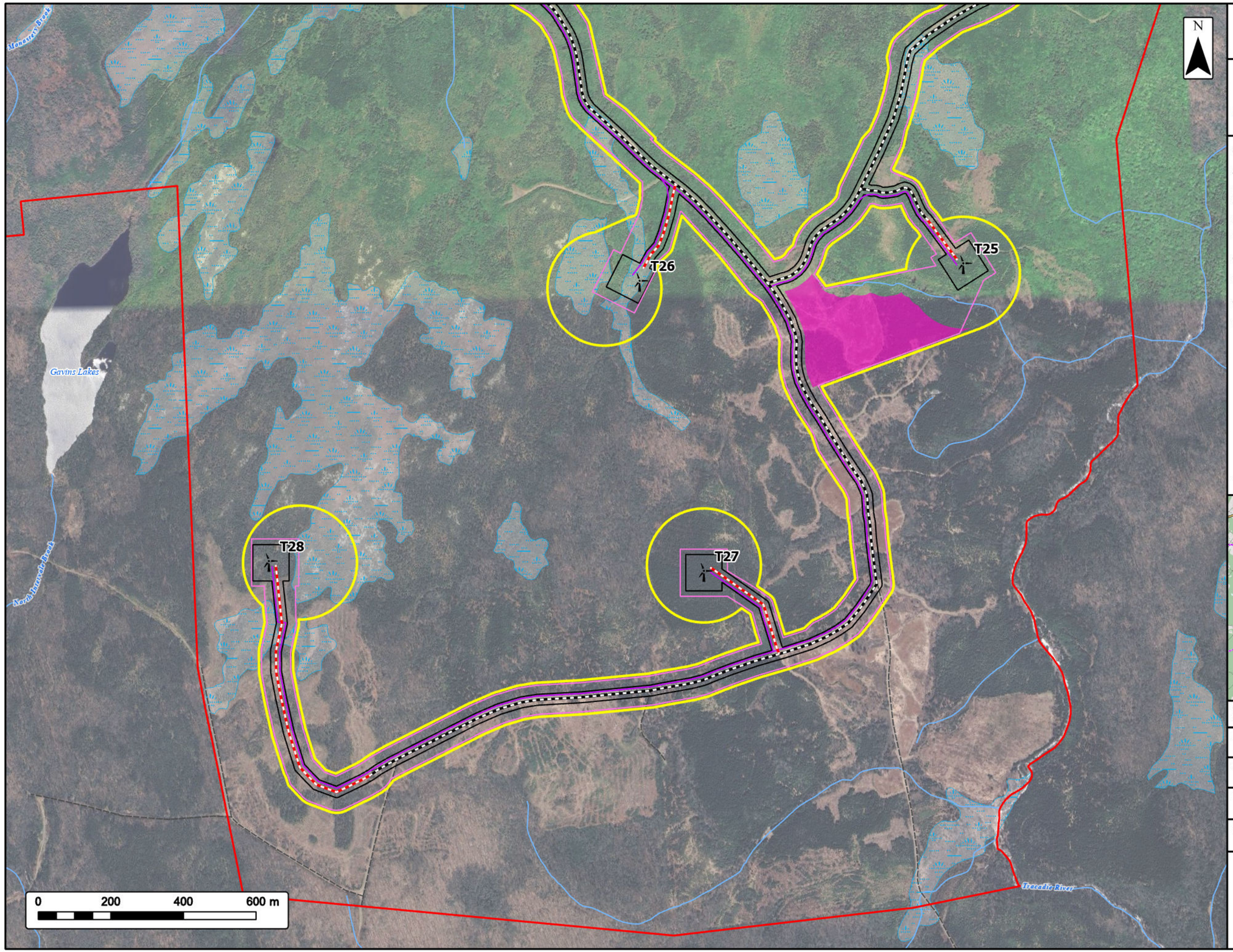


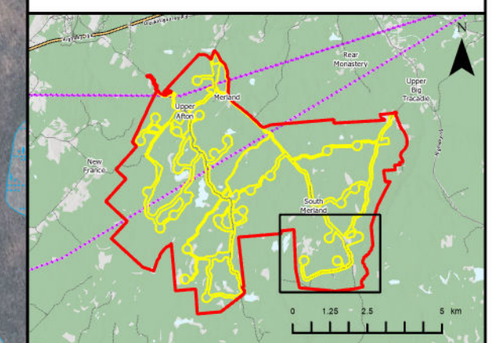
Upper Afton Wind Project

Project Infrastructure

Upper Afton Wind

Study Area	
Assessment Area	
Proposed Turbine Location *	
Existing Road	
Proposed New Road	
Collector Line	
Project Footprint	
Clearing Footprint	
Laydown Area	
Transportation	
Unpaved Road	
Water Features	
Mapped Watercourses	
Mapped Wetlands	

* Turbines labelled as A# are considered alternates



Coordinate System: NAD 1983 CSRS UTM Zone 20N

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Date: 2026-02-24	Project #: 24-11145
Scale: 1:10,000	Drawing #: **3.1K**
Drawn By: K. Wallace	
Checked By: M. Smith	

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Upper Afton Wind Project

Previously Assessed Areas

Upper Afton Wind

Study Area

Assessment Area

Previously Assessed Areas

Proposed Turbine Location

Transportation

Trans-Canada Highway

Road

Unpaved Road

Utilities (Line)

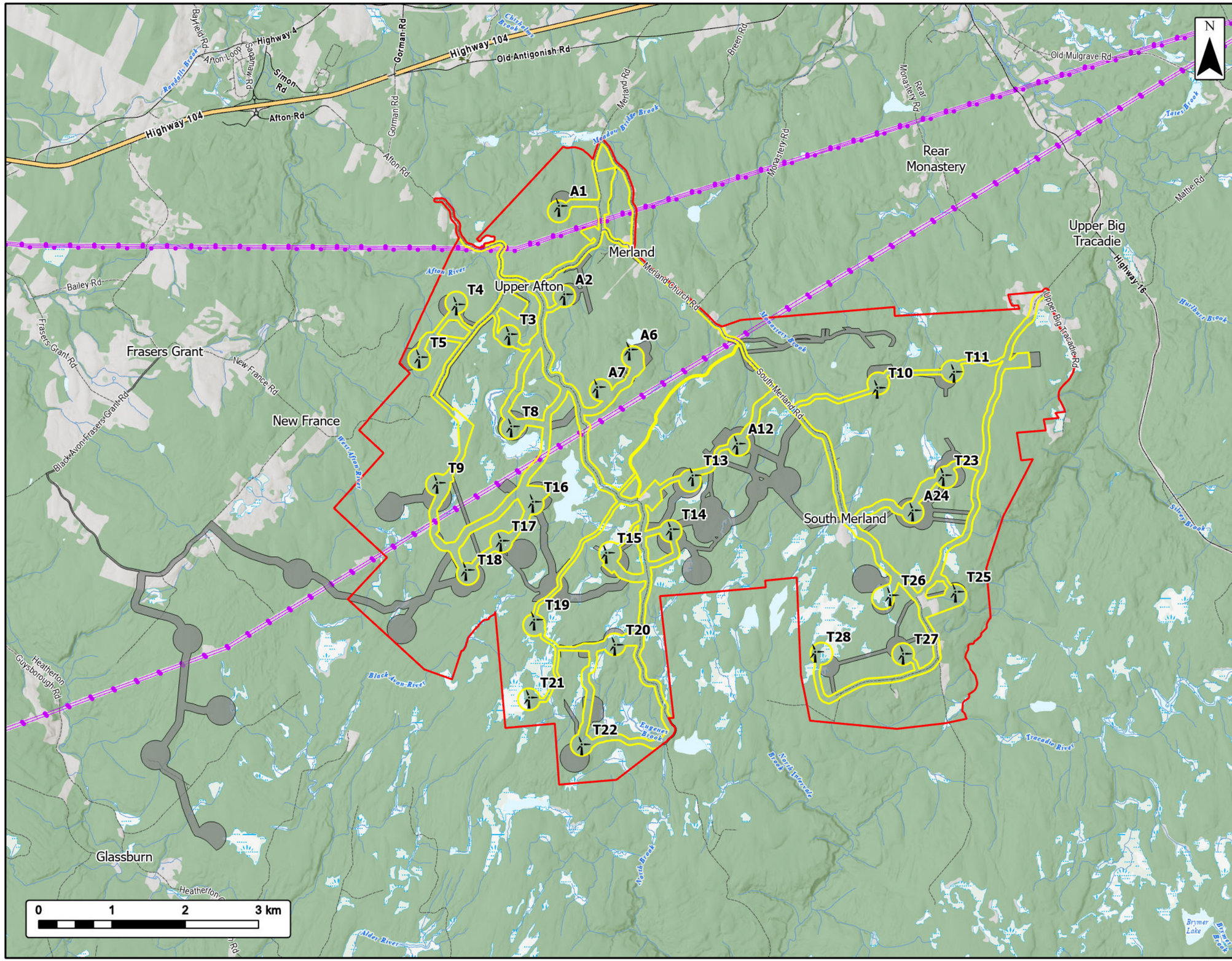
Existing Transmission Lines

Water Features

Mapped Watercourses

Mapped Lakes and Rivers

Mapped Wetlands



Coordinate System: NAD 1983 CSRS UTM Zone 20N

Sources: Esri, NASA, NGA, USGS, Service Nova Scotia, GeoNOVA, SNSIS, NSNRR, ACCDC, IBA Canada, CNWI, HERE, Garmin, USGS

Date: 2026-02-24	Project #: 24-11145
Scale: 1:50,000	Drawing #: 3.2
Drawn By: K. Wallace	
Checked By: M. Smith	

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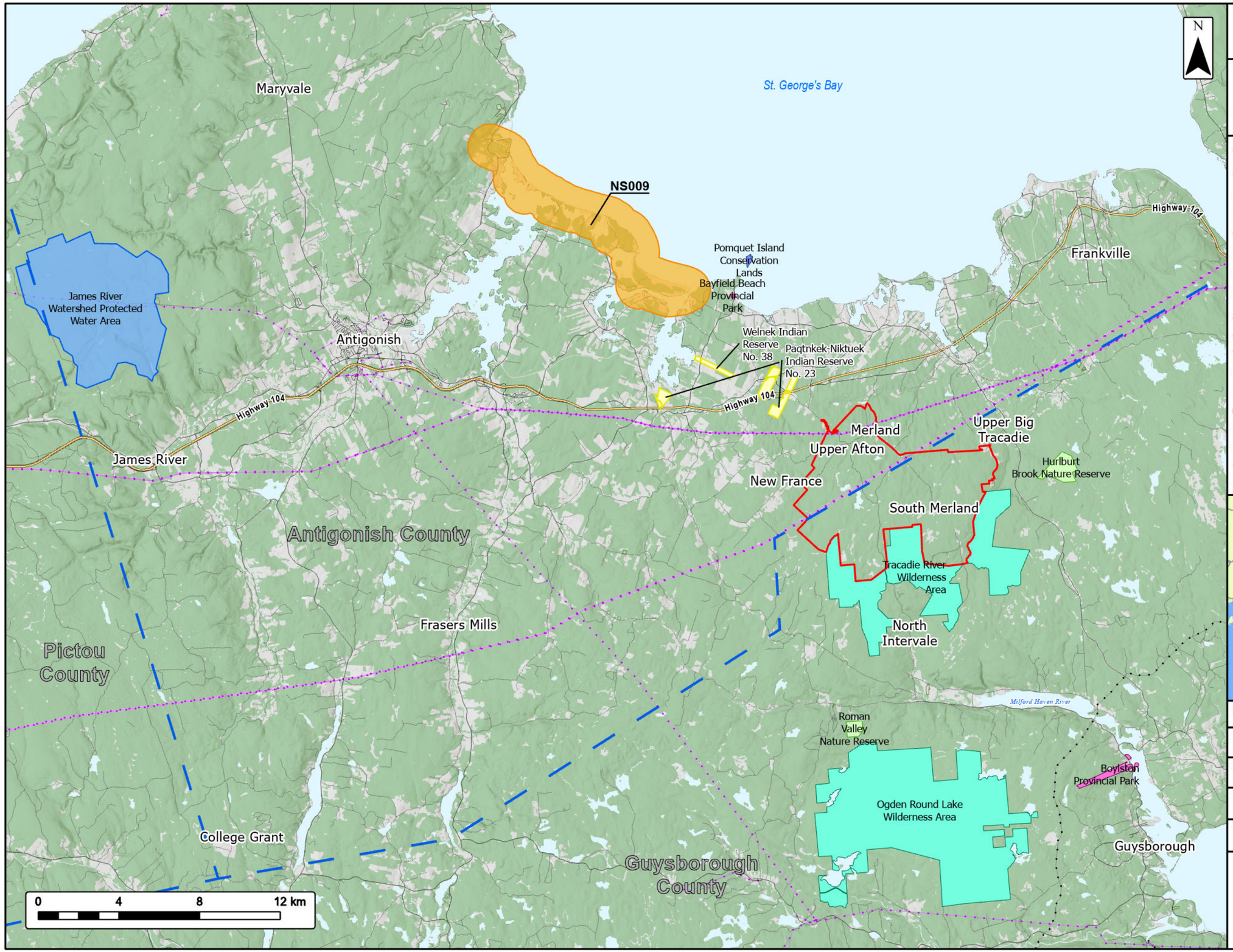
Upper Afton Wind Project

Regional Overview

Upper Afton Wind



Study Area
James River Watershed Protected Water Area
Pomquet Beach Important Bird Area (IBA) - NS009
Nature Reserve
Wilderness Area
Land Trust or Conservation Easement
Provincial Park
Mi'kmaq Community
County Boundary

Transportation
Trans-Canada Highway
Road
Unpaved Road

Utilities (Line)
Existing Pipeline
Existing Transmission Lines

Water Features
Mapped Lakes and Rivers

Coordinate System: NAD 1983 CSRS UTM Zone 20N
Sources: Esri, NASA, NGA, USGS, Service Nova Scotia, NSNRR, ACCDC, IBA Canada, CNWI, HERE, Garmin

Date: 2026-02-24	Project #: 24-11145
Scale: 1:180,000	Drawing #: 3.3
Drawn By: K. Wallace	
Checked By: M. Smith	

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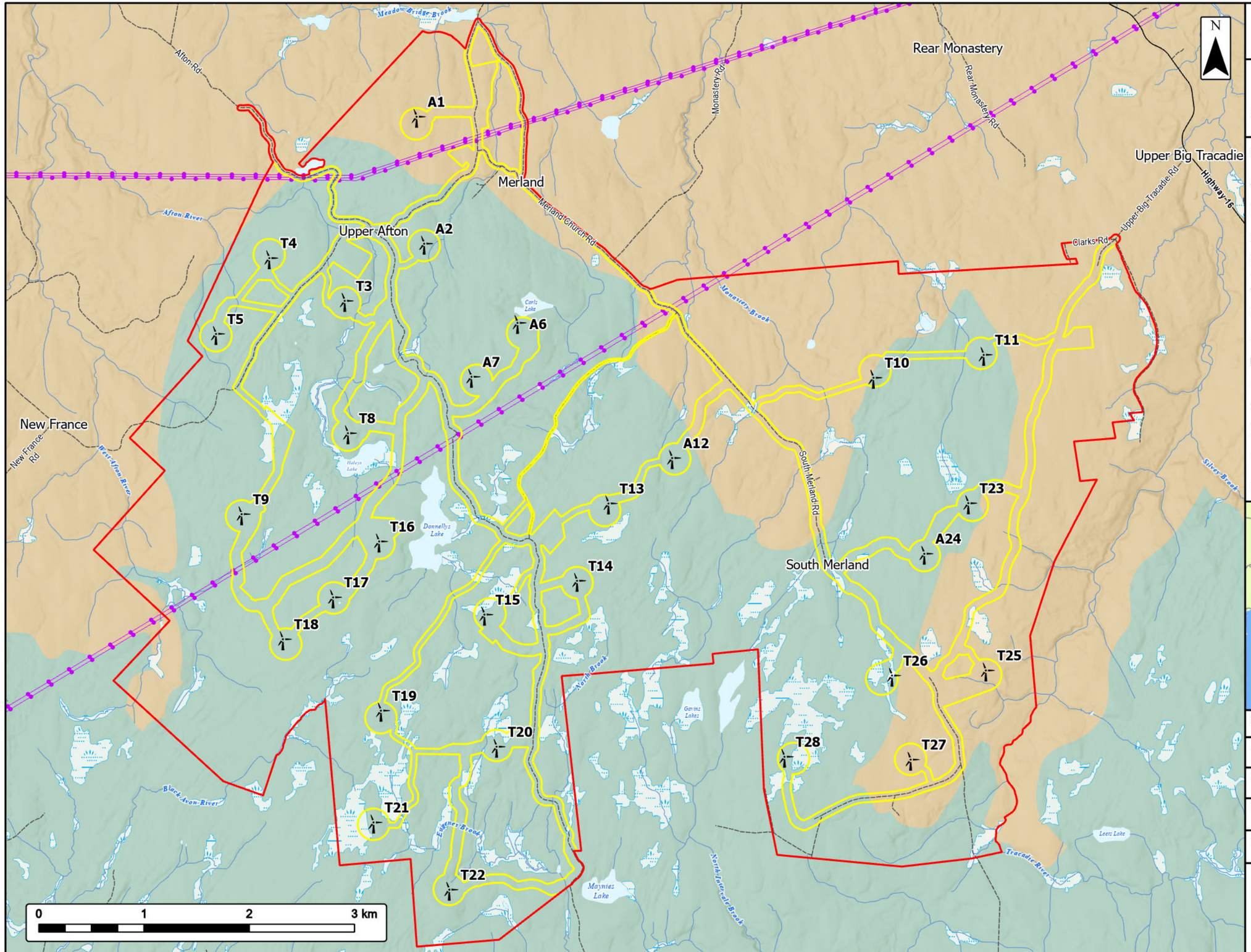
Upper Afton Wind Project

Ecodistricts and Ecoregions

Upper Afton Wind



Study Area

Assessment Area

Proposed Turbine Location

360 Mulgrave Plateau (Nova Scotia Uplands)

520 St. George's Bay (Northumberland/Bras D'Or)

Transportation

Road

Unpaved Road

Utilities (Line)

Existing Transmission Lines

Water Features

Mapped Watercourses

Mapped Lakes and Rivers

Mapped Wetlands

Coordinate System: NAD 1983 CSRS UTM Zone 20N
Sources: Esri, NASA, NGA, USGS, GeoNOVA, SNSIS, NSNRR, ACCDC, IBA Canada, CNWI, HERE, Garmin, USGS

Date: 2026-02-24	Project #: 24-11145
Scale: 1:35,000	Drawing #: 7.1
Drawn By: K. Wallace	
Checked By: M. Smith	

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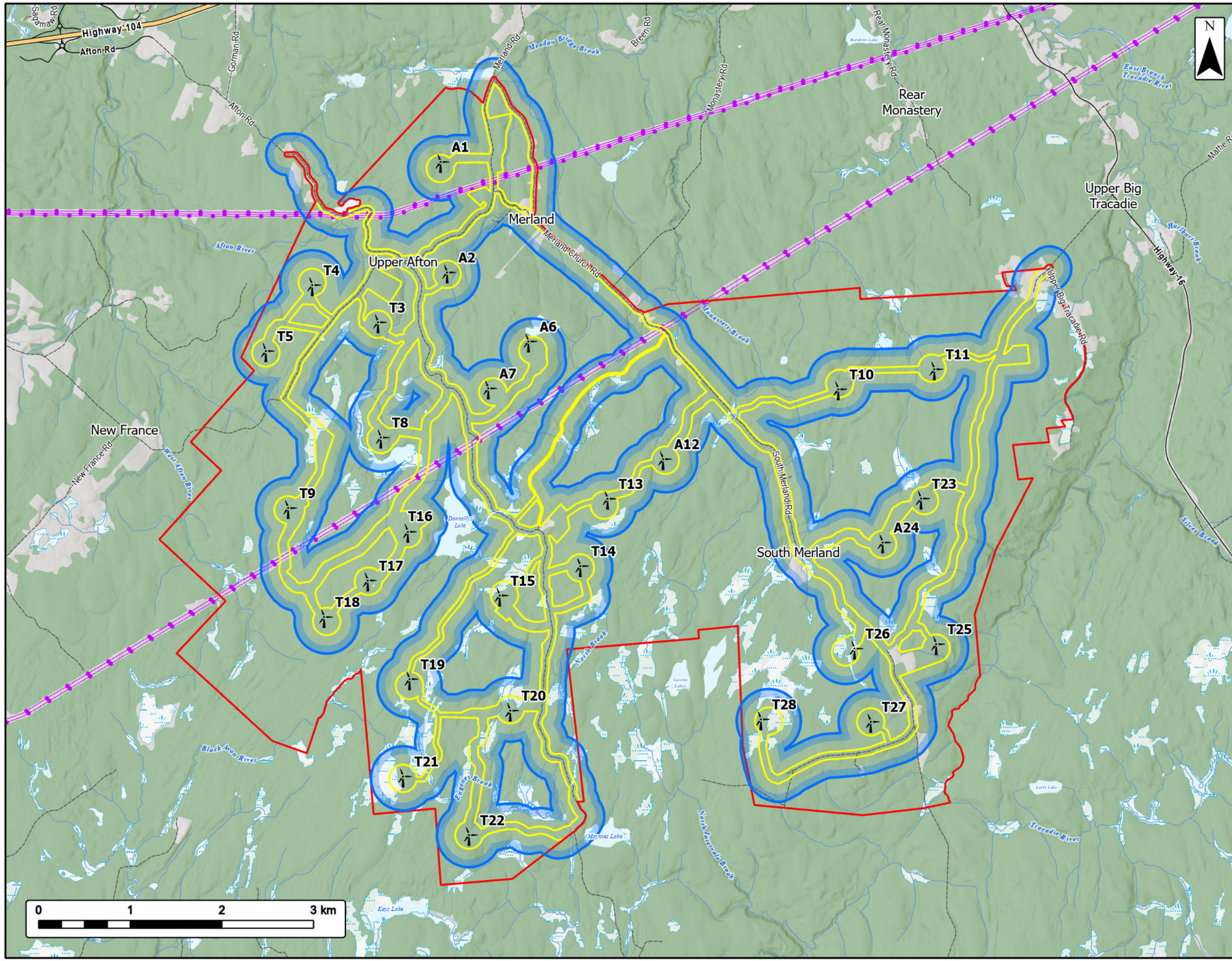
Upper Afton Wind Project

Atmospheric LAA

Upper Afton Wind



Study Area

Assessment Area

Atmospheric Local Assessment Area (LAA)

Proposed Turbine Location

Transportation

Trans-Canada Highway

Road

Unpaved Road

Utilities (Line)

Existing Transmission Lines

Water Features

Mapped Watercourses

Mapped Lakes and Rivers

Mapped Wetlands

Coordinate System: NAD 1983 CSRS UTM Zone 20N

Sources: Esri, NASA, NGA, USGS, Service Nova Scotia, GeoNOVA, SNSIS, NSNRR, ACCDC, IBA Canada, CNWI, HERE, Garmin, USGS

Date: 2026-02-24	Project #: 24-11145
Scale: 1:40,000	Drawing #: 7.2
Drawn By: K. Wallace	
Checked By: M. Smith	

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Upper Afton Wind Project

Geomorphology

Upper Afton Wind

Study Area

Assessment Area

Proposed Turbine Location

Elevation (m)

532.201

0

Transportation

Road

Unpaved Road

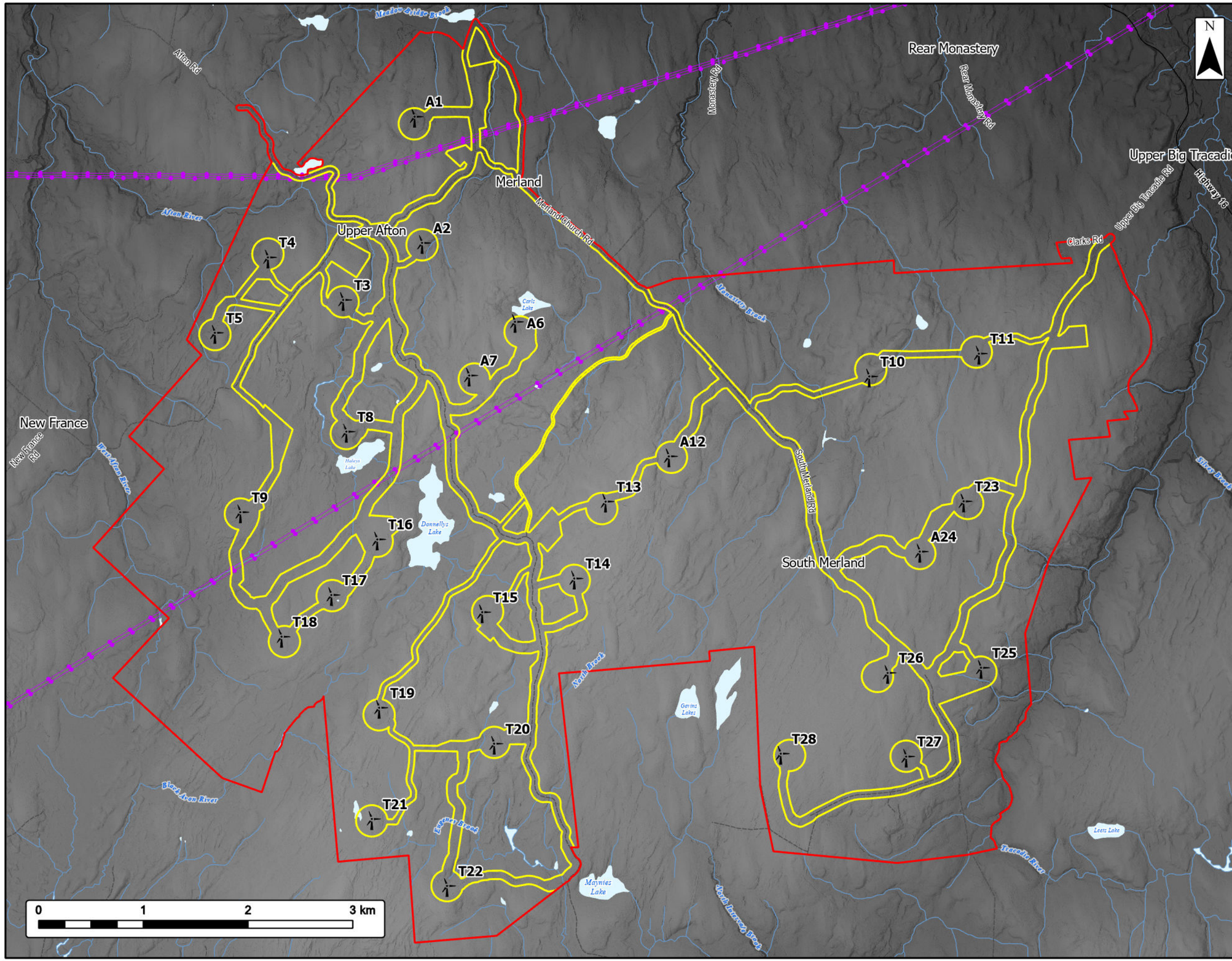
Utilities (Line)

Existing Transmission Lines

Water Features

Mapped Watercourses

Mapped Lakes and Rivers



Coordinate System: NAD 1983 CSRS UTM Zone 20N

Sources: Service Nova Scotia, GeoNOVA, SNSIS, NSNRR, ACCDC, IBA Canada, CNWI, HERE, Garmin, USGS

Date: 2026-02-24	Project #: 24-11145
Scale: 1:35,000	Drawing #: **8.1**
Drawn By: K. Wallace	
Checked By: M. Smith	

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