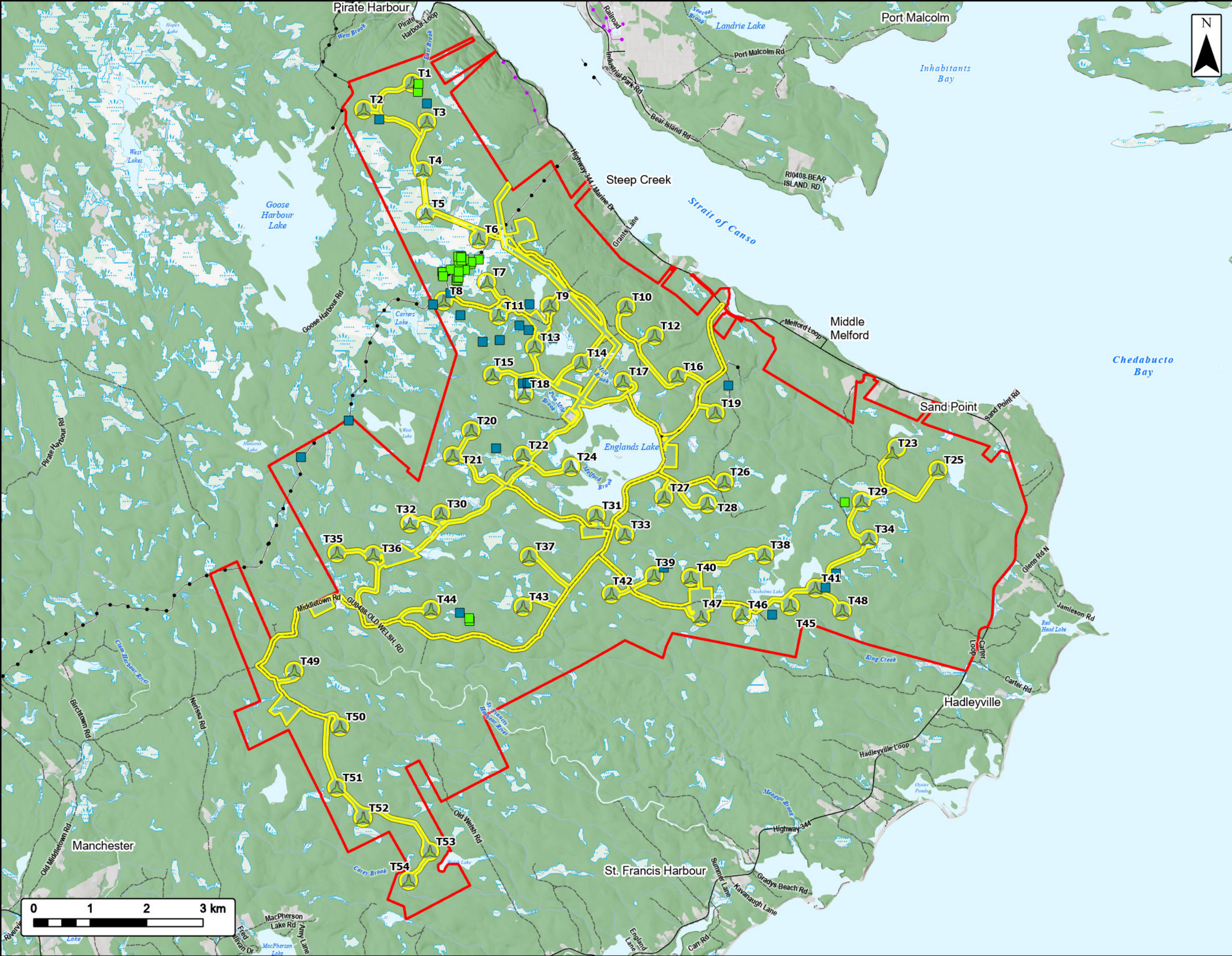




Setapuktuk Wind Project

Desktop Flora Results

Study Area

Assessment Area

Proposed Turbine Locations

ACCDC Point Observations

Nonvascular Flora

Vascular Flora

Transportation

Road

Unpaved Road

Utilities (Line)

Existing Pipeline

Existing Transmission Lines

Water Features

Mapped Stream

Mapped Indefinite Stream

Mapped Lakes and Rivers

Mapped Wetlands

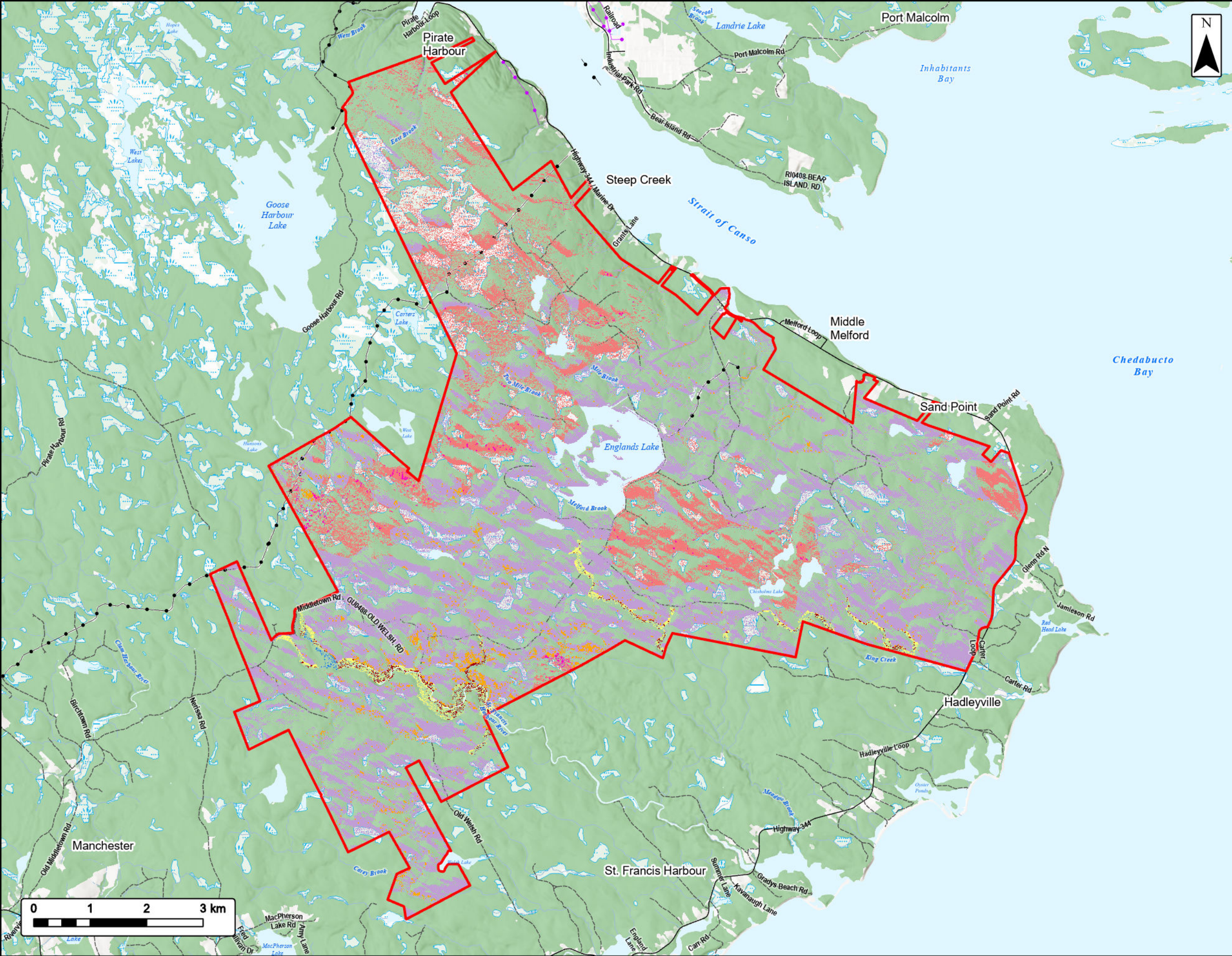
Coordinate System: NAD 1983 UTM Zone 20N

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

Date:	2025-09-22	Project #:	23-9204
Scale:	1:65,000	Drawing #:	7.23
Drawn By:	K. Wallace		
Checked By:	A. Doane		

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CONSULTING



Setapuktuk Wind Project

Sensitive Flora Habitat Model



Study Area

Sensitive Flora Habitat

Slope facing SW, S, or SE

Calcareous surficial slope facing SW, S, or SE

Calcareous surficial sloped floodplain facing SW, S, or SE

Mature forest on SW, S, or SE facing slope

Floodplain mature forest on SW, S, SE facing slope

Calcareous surficial with mature forest on SW, S, SE facing slope

Calcareous surficial floodplain with mature forest on SW, S, SE facing slope

Transportation

Road

Unpaved Road

Utilities (Line)

Existing Pipeline

Existing Transmission Lines

Water Features

Mapped Stream

Mapped Indefinite Stream

Mapped Lakes and Rivers

Mapped Wetlands

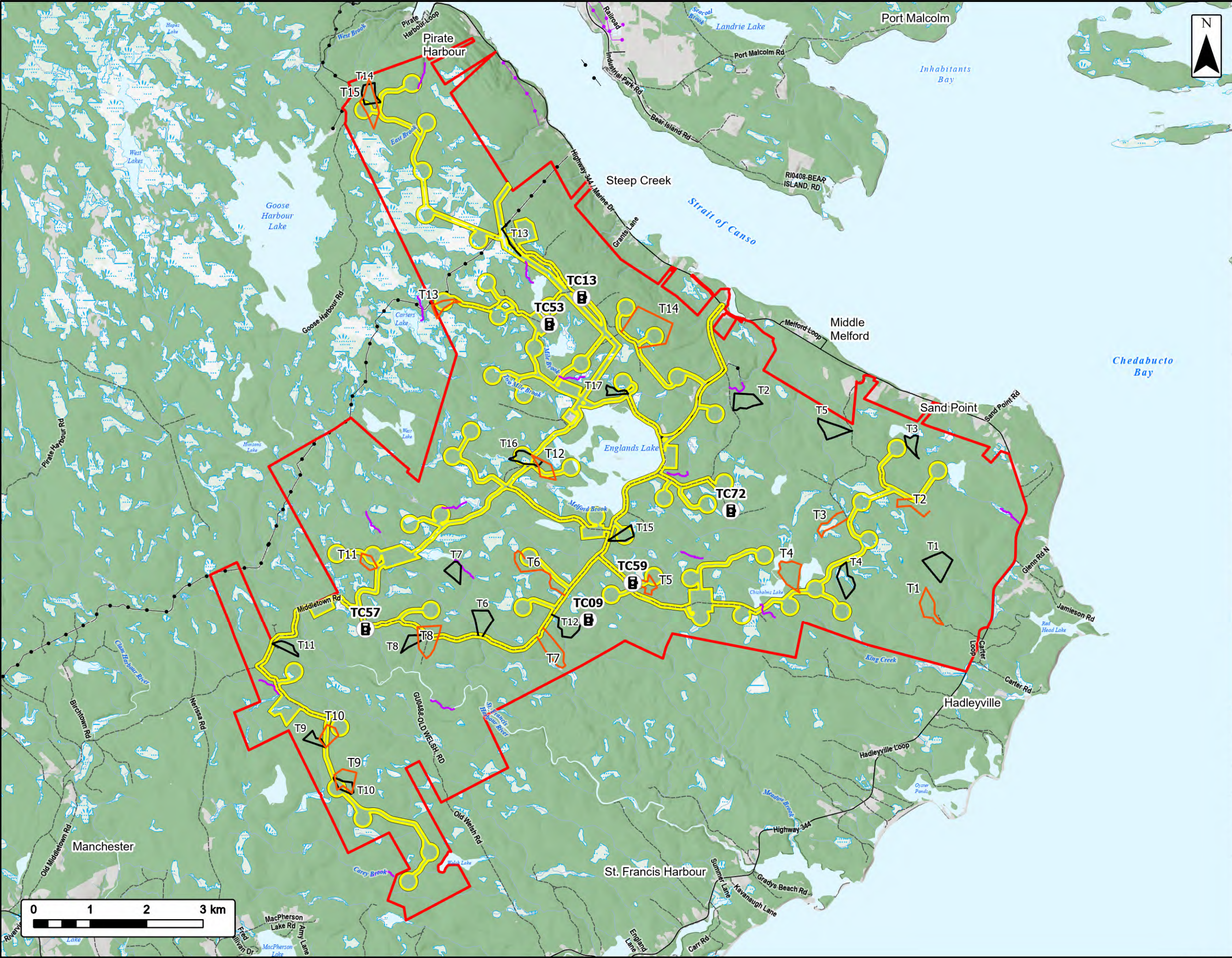


Coordinate System: NAD 1983 UTM Zone 20N

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

Date:	2025-09-22	Project #:	23-9204
Scale:	1:65,000	Drawing #:	7.24
Drawn By:	P. Opra		
Checked By:	A. Doane		





Setapuktuk Wind Project

Fauna Methodology

Study Area

Assessment Area

Pellet Group Inventory Transects

Winter Tracking Transects

Wood Turtle Tracking Transects

Trail Camera Location

Transportation

Road

Unpaved Road

Utilities (Line)

Existing Pipeline

Existing Transmission Lines

Water Features

Mapped Stream

Mapped Indefinite Stream

Mapped Lakes and Rivers

Mapped Wetlands

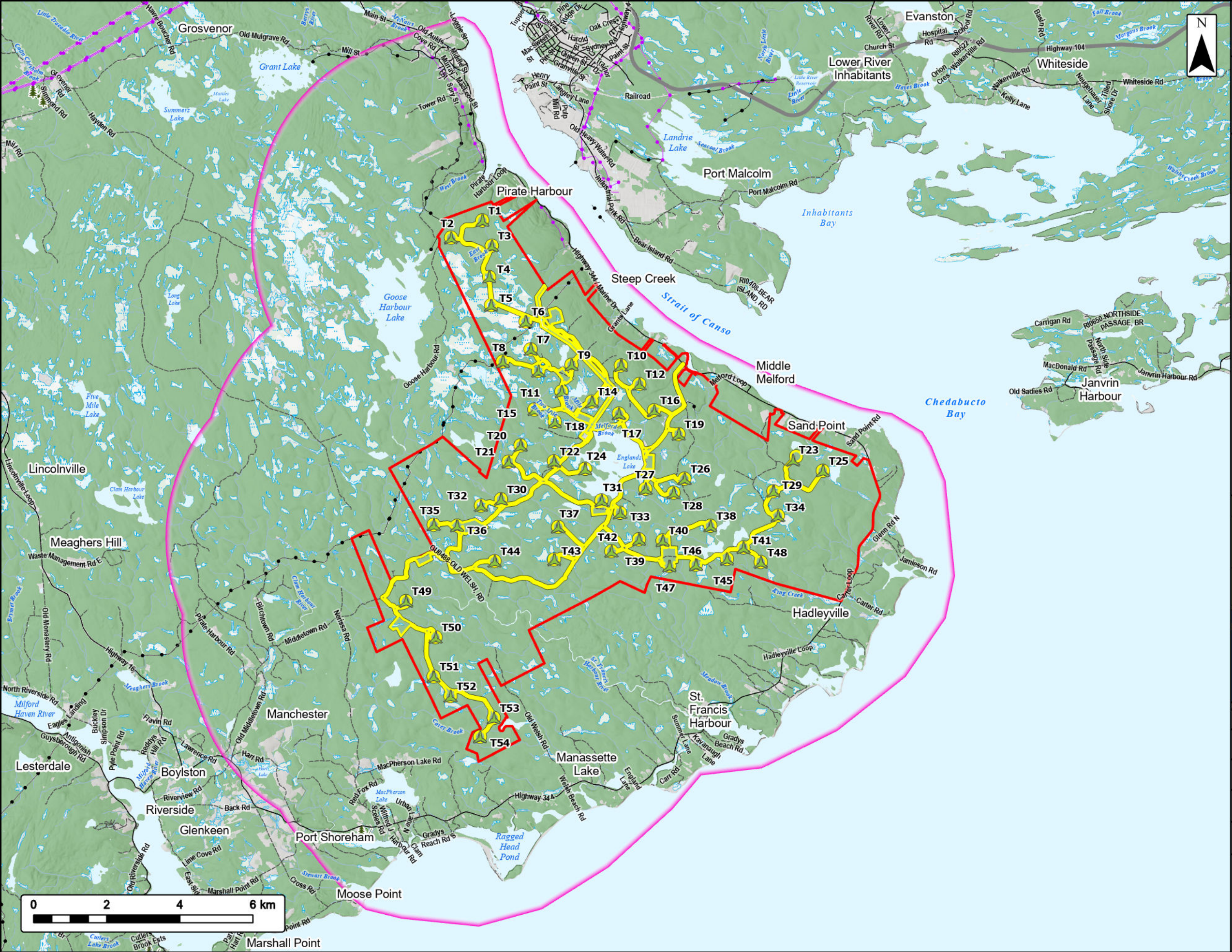
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Sources: Esri, NASA, NGA, USGS, Service Nova Scotia, GeoNOVA, SNSIS, NSNRR, ACCDC, IBA Canada, CNWI, HERE, Garmin, USGS

Date:	2025-09-22	Project #:	23-9204
Scale:	1:65,000	Drawing #:	7.25
Drawn By:	K. Wallace		
Checked By:	A. Doane		

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CONSULTING



Setapuktuk Wind Project

Fauna LAA

Study Area

Assessment Area

Proposed Turbine Locations

Fauna LAA

Transportation

Highway

Road

Unpaved Road

Utilities (Line)

Existing Pipeline

Existing Transmission Lines

Water Features

Mapped Stream

Mapped Indefinite Stream

Mapped Lakes and Rivers

Mapped Wetlands

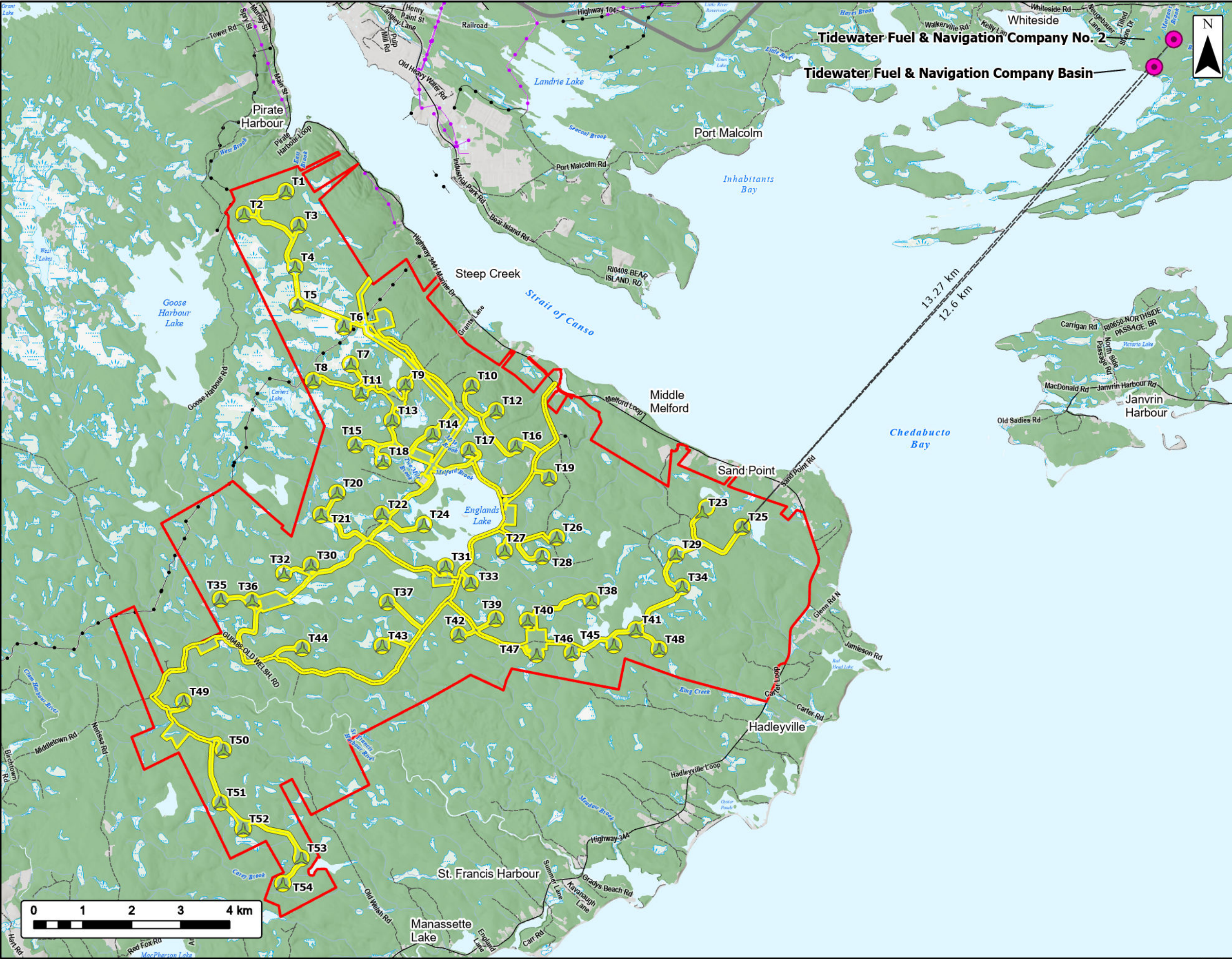
Coordinate System: NAD 1983 UTM Zone 20N

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

Date:	2025-09-22	Project #:	23-9204
Scale:	1:100,000	Drawing #:	7.26
Drawn By:	K. Wallace		
Checked By:	A. Doane		

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CONSULTING



Setapuktuk Wind Project

Abandoned Mine Openings (AMO)

Study Area

Assessment Area

Proposed Turbine Locations

Potential Hibernacula

Transportation

Highway

Road

Unpaved Road

Utilities (Line)

Existing Pipeline

Existing Transmission Lines

Water Features

Mapped Stream

Mapped Indefinite Stream

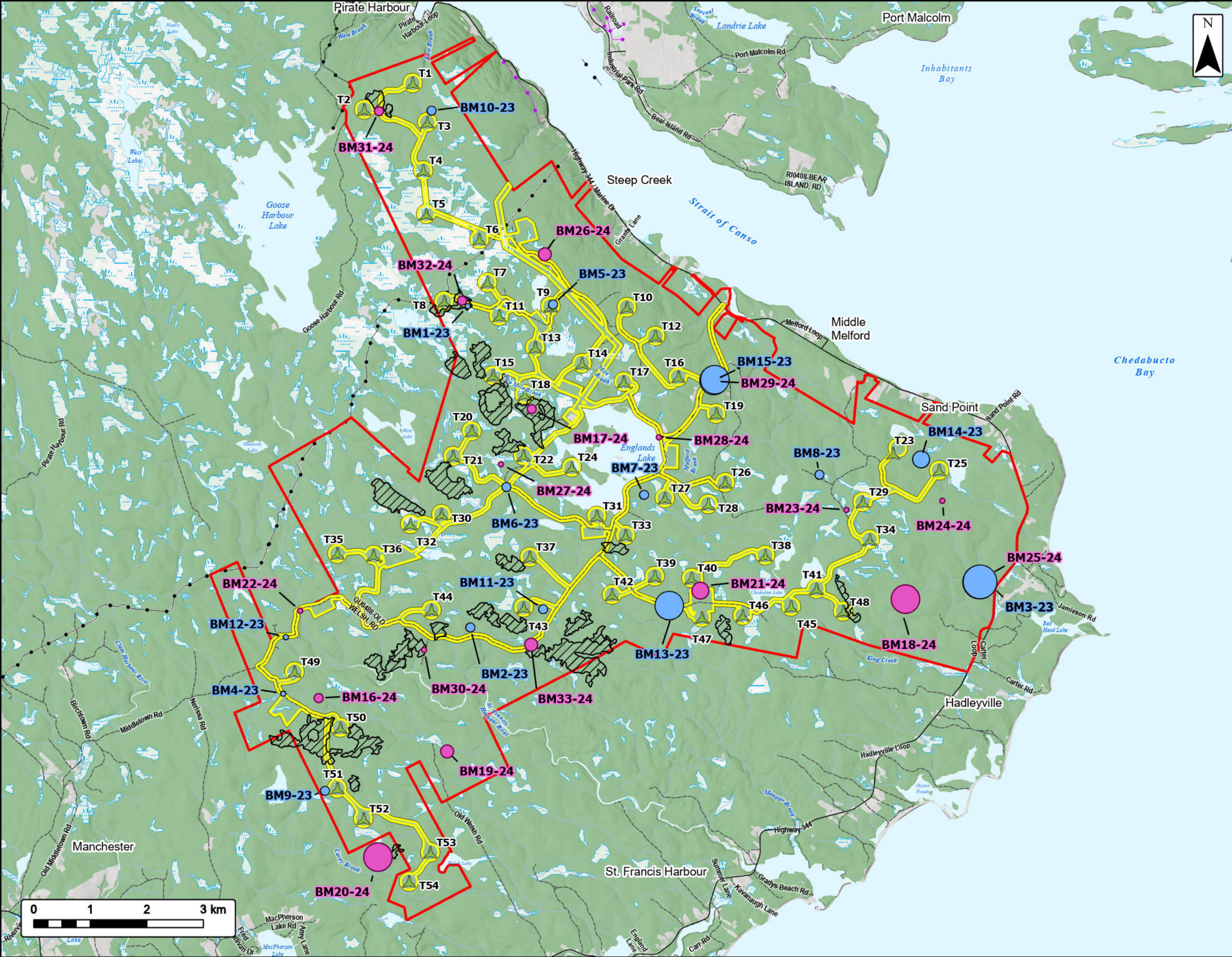
Mapped Lakes and Rivers

Mapped Wetlands

Coordinate System: NAD 1983 UTM Zone 20N

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

Date:	2025-09-22	Project #:	23-9204
Scale:	1:75,000	Drawing #:	7.27
Drawn By:	K. Wallace		
Checked By:	A. Doane		



Setapuktuk Wind Project

Bat Assessment

Study Area

Assessment Area

Proposed Turbine Locations

Confirmed Old Growth Stands

Transportation

Utilities (Line)

Water Features

Road

Unpaved Road

Existing Pipeline

Existing Transmission Lines

Mapped Stream

Mapped Indefinite Stream

Mapped Lakes and Rivers

Mapped Wetlands

Bat Monitor Locations (2024)

Number of Bat Calls Detected

0

1 - 50

51 - 100

101 - 150

201 - 302

Bat Monitor Locations (2023)

Number of Bat Calls Detected

0

1 - 50

101 - 150

201 - 300

301 - 576

Coordinate System: NAD 1983 UTM Zone 20N

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

Date: 2025-09-22

Scale: 1:65,000

Drawn By: M. Partridge

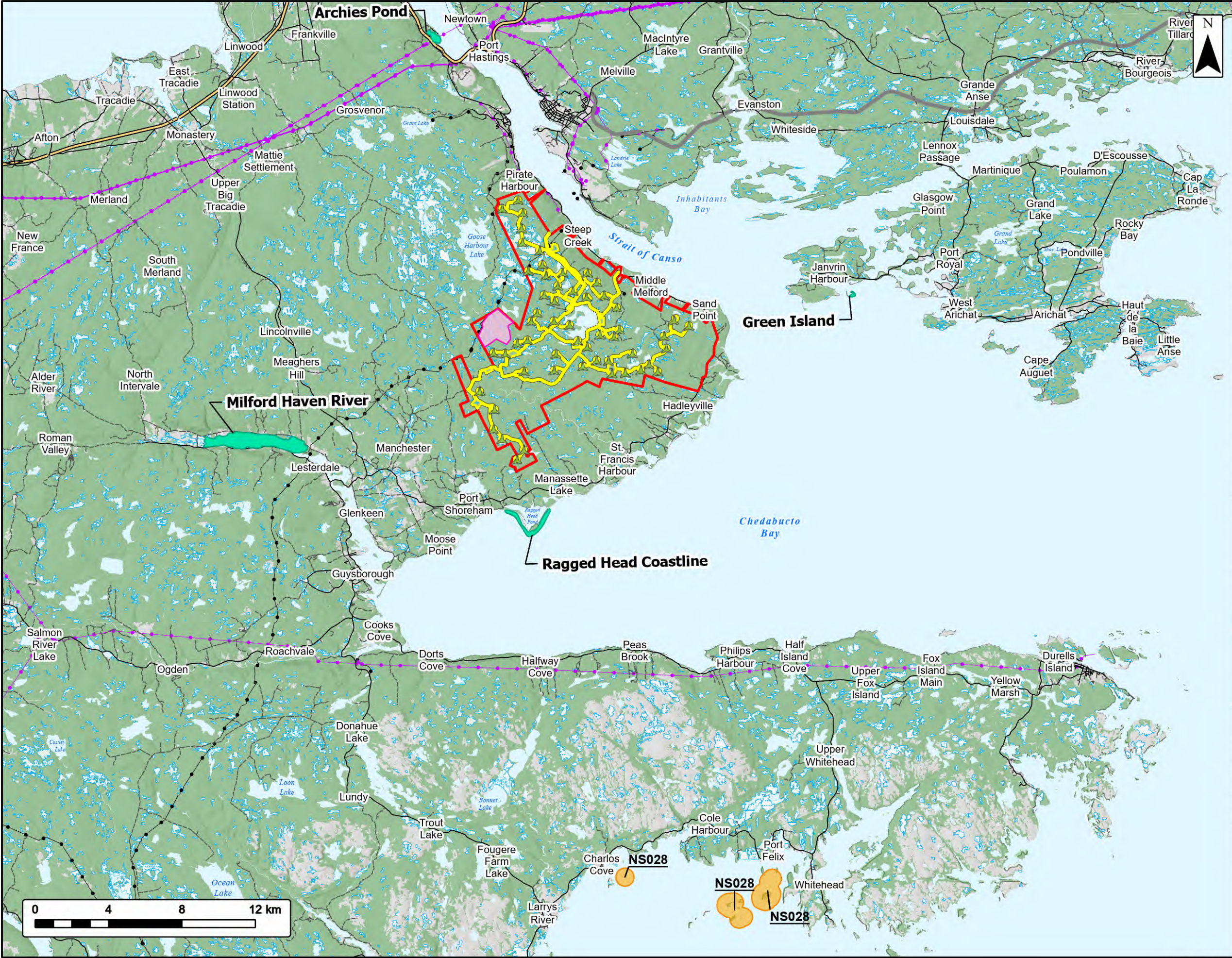
Checked By: A. Doane

Project #: 23-9204

Drawing #: 7.28

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CONSULTING



Setapuktuk Wind Project

Avian Desktop Results



Study Area

Assessment Area

Proposed Turbine Locations

Mulgrave Hills Nature Reserve

IBA - NS028

Migratory Bird Area

Transportation

Trans-Canada Highway

Highway

Road

Unpaved Road

Utilities (Line)

Existing Pipeline

Existing Transmission Lines

Mapped Lakes and Rivers

Mapped Wetlands

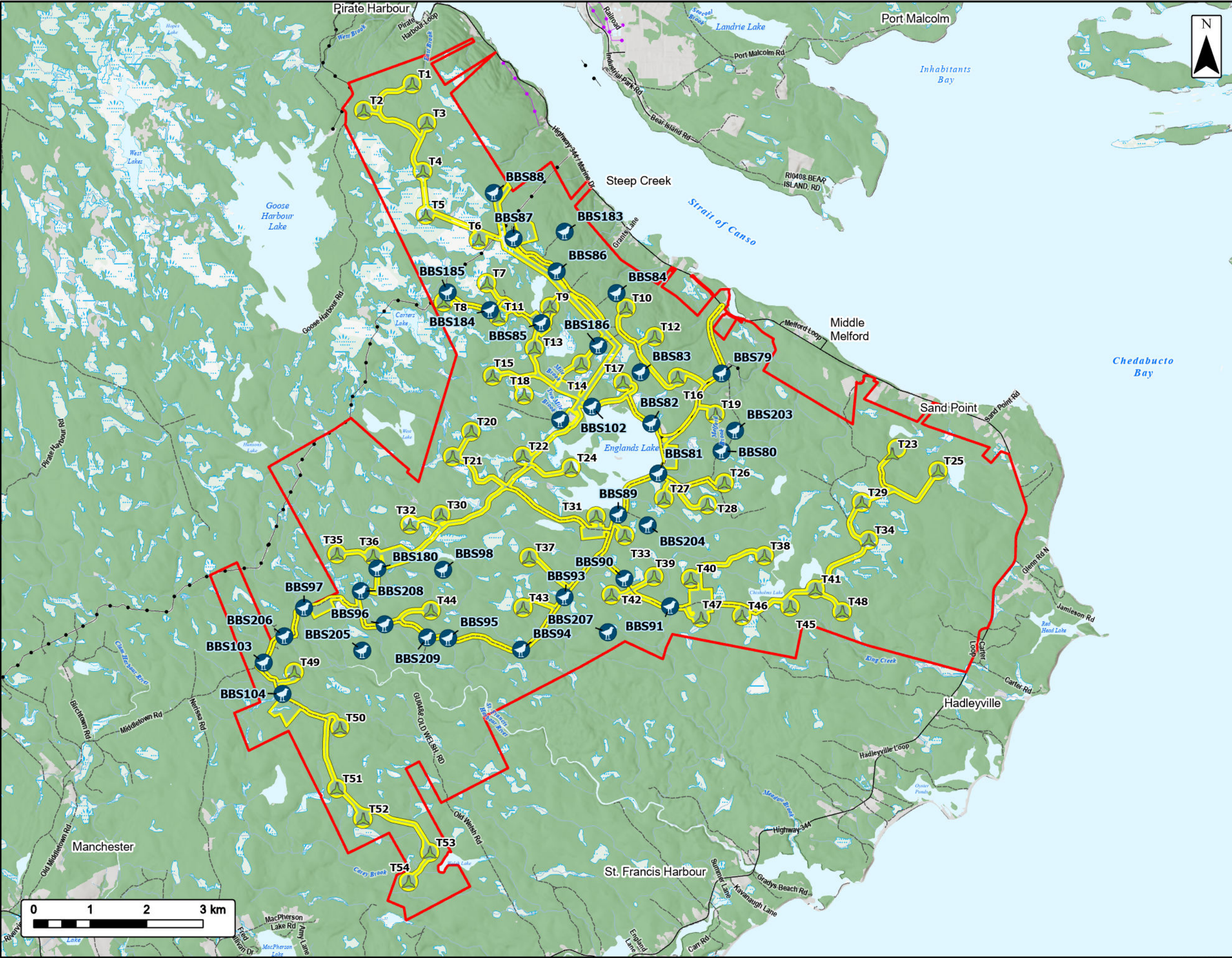


Coordinate System: NAD 1983 UTM Zone 20N

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

Date:	2025-09-22	Project #:	23-9204
Scale:	1:200,000	Drawing #:	7.29
Drawn By:	K. Wallace		
Checked By:	A. Doane		





Setapuktuk Wind Project

Breeding Bird Point Count Surveys

Study Area

Assessment Area

Proposed Turbine Locations

Breeding Bird Point Count Locations

Transportation

Road

Unpaved Road

Utilities (Line)

Existing Pipeline

Existing Transmission Lines

Water Features

Mapped Stream

Mapped Indefinite Stream

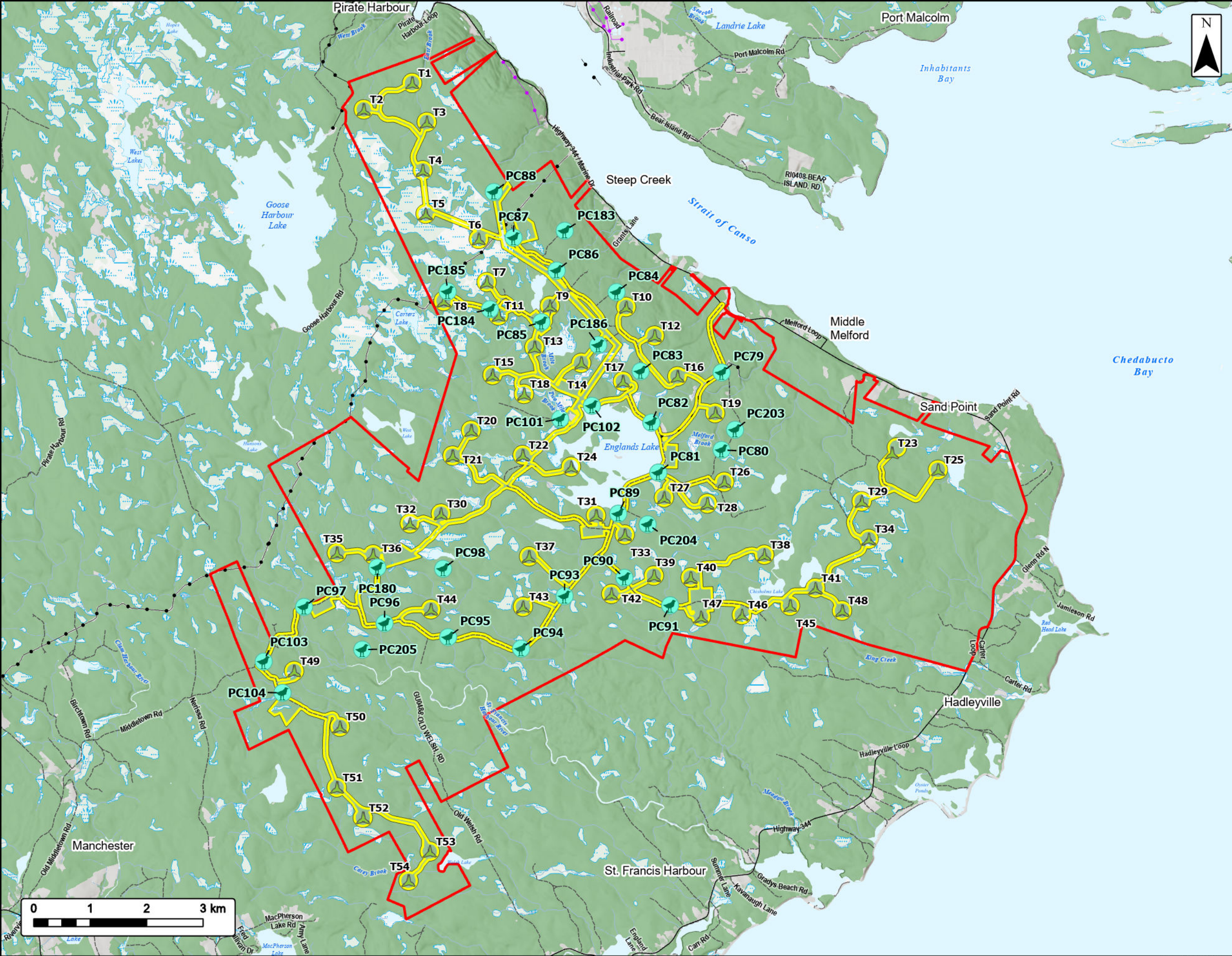
Mapped Lakes and Rivers

Mapped Wetlands

Coordinate System: NAD 1983 UTM Zone 20N

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

Date:	2025-09-22	Project #:	23-9204
Scale:	1:65,000	Drawing #:	7.30A
Drawn By:	M. Partridge		
Checked By:	A. Doane		



Setapuktuk Wind Project

Spring Migration Point Count Surveys

Study Area

Assessment Area

Proposed Turbine Locations

Spring Migration Point Count Locations

Transportation

Road

Unpaved Road

Utilities (Line)

Existing Pipeline

Existing Transmission Lines

Water Features

Mapped Stream

Mapped Indefinite Stream

Mapped Lakes and Rivers

Mapped Wetlands

Coordinate System: NAD 1983 UTM Zone 20N

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

Date:	2025-09-22	Project #:	23-9204
Scale:	1:65,000	Drawing #:	7.30B
Drawn By:	P. Opra		
Checked By:	A. Doane		