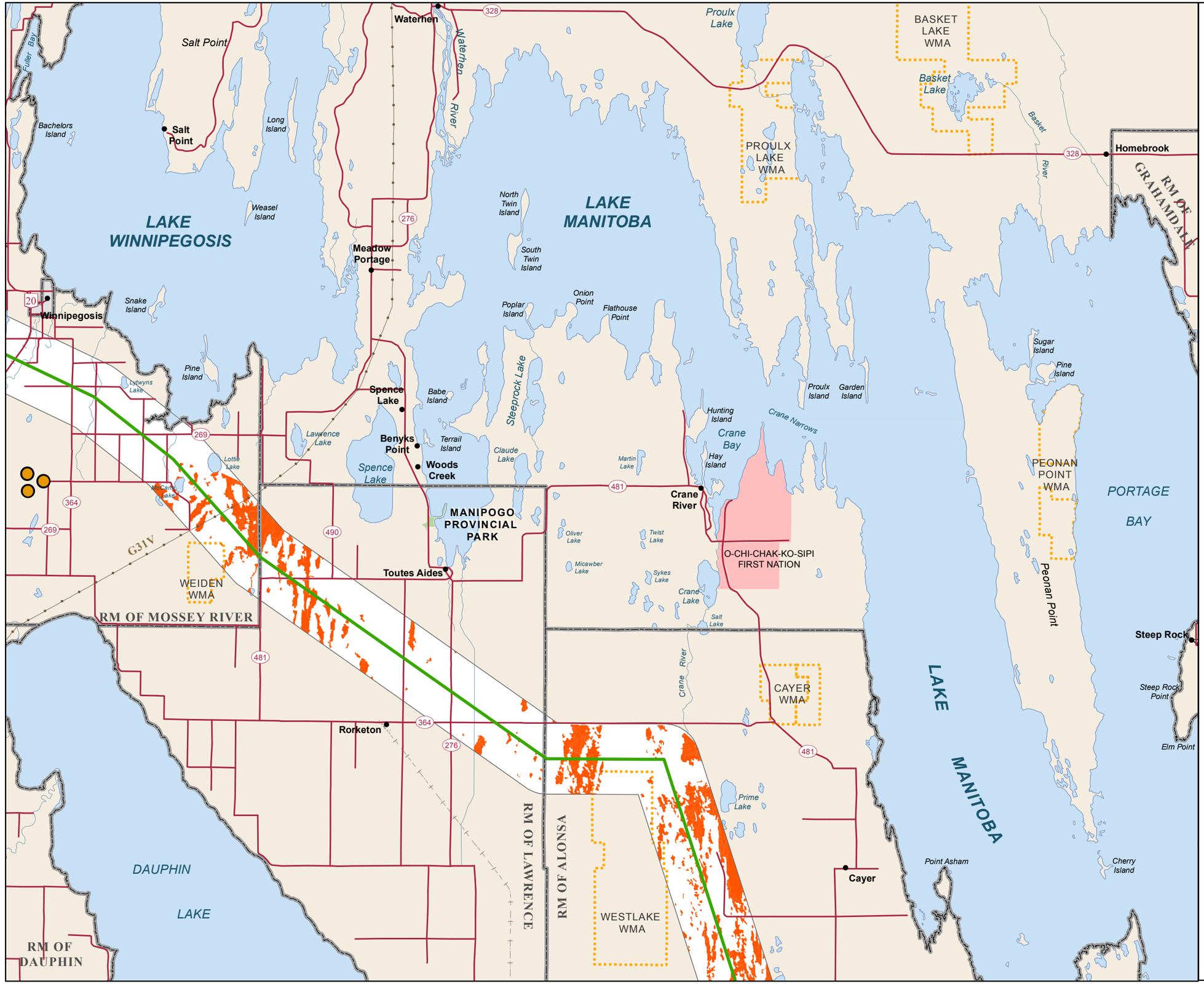


Manitoba Hydro

Bipole III Transmission Project

Project Infrastructure
- Final Preferred Route
- Converter Station
- Local Study Area

Infrastructure
- Transmission Line

Bird Information
- Least Bittern Survey Observations
- Least Bittern Modeled Habitat

Landbase
- Community
- City / Town
- First Nation
- National/Provincial Park
- Provincial Forest
- Wildlife Management Area

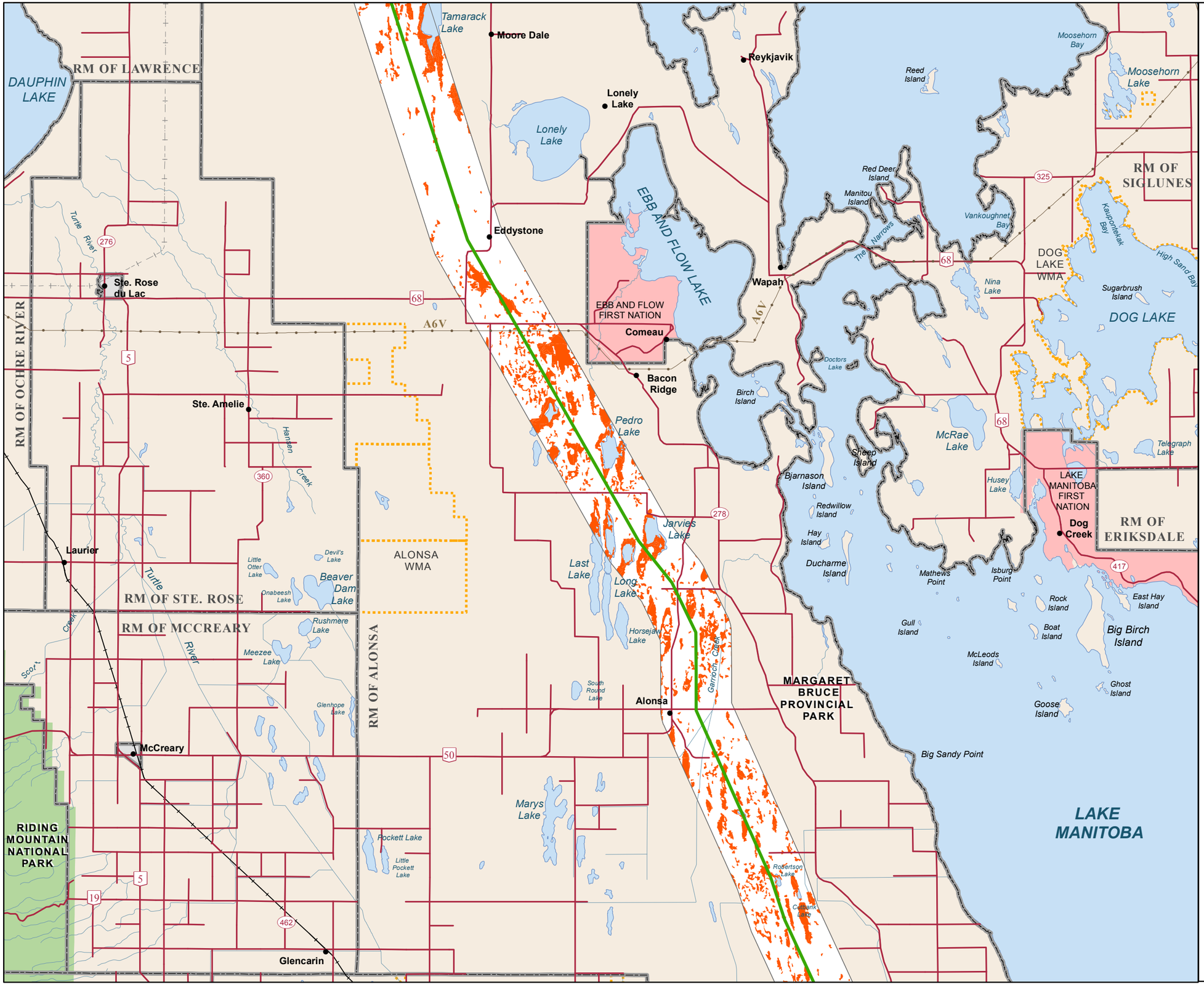
Coordinate System: UTM Zone 14N NAD83
Data Source: MBHydro, ProvMB, NRCAN, MMM, Stantec, WRCS, Joro
Date Created: July 25, 2011

N

0 5 10 Kilometres
0 3 6 Miles
1:250,000

Distribution of Modeled Least Bittern Habitat in the Local Study Area

Map 1900-13



Manitoba Hydro

Bipole III Transmission Project

Project Infrastructure

- Final Preferred Route
- Converter Station
- Local Study Area

Infrastructure

- Transmission Line

Bird Information

- Least Bittern Survey Observations
- Least Bittern Modeled Habitat

Landbase

- Community
- City / Town
- First Nation
- National/Provincial Park
- Provincial Forest
- Wildlife Management Area

Coordinate System: UTM Zone 14N NAD83
Data Source: MBHydro, ProvMB, NRCAN, MMM, Stantec, WRCS, Joro
Date Created: July 25, 2011

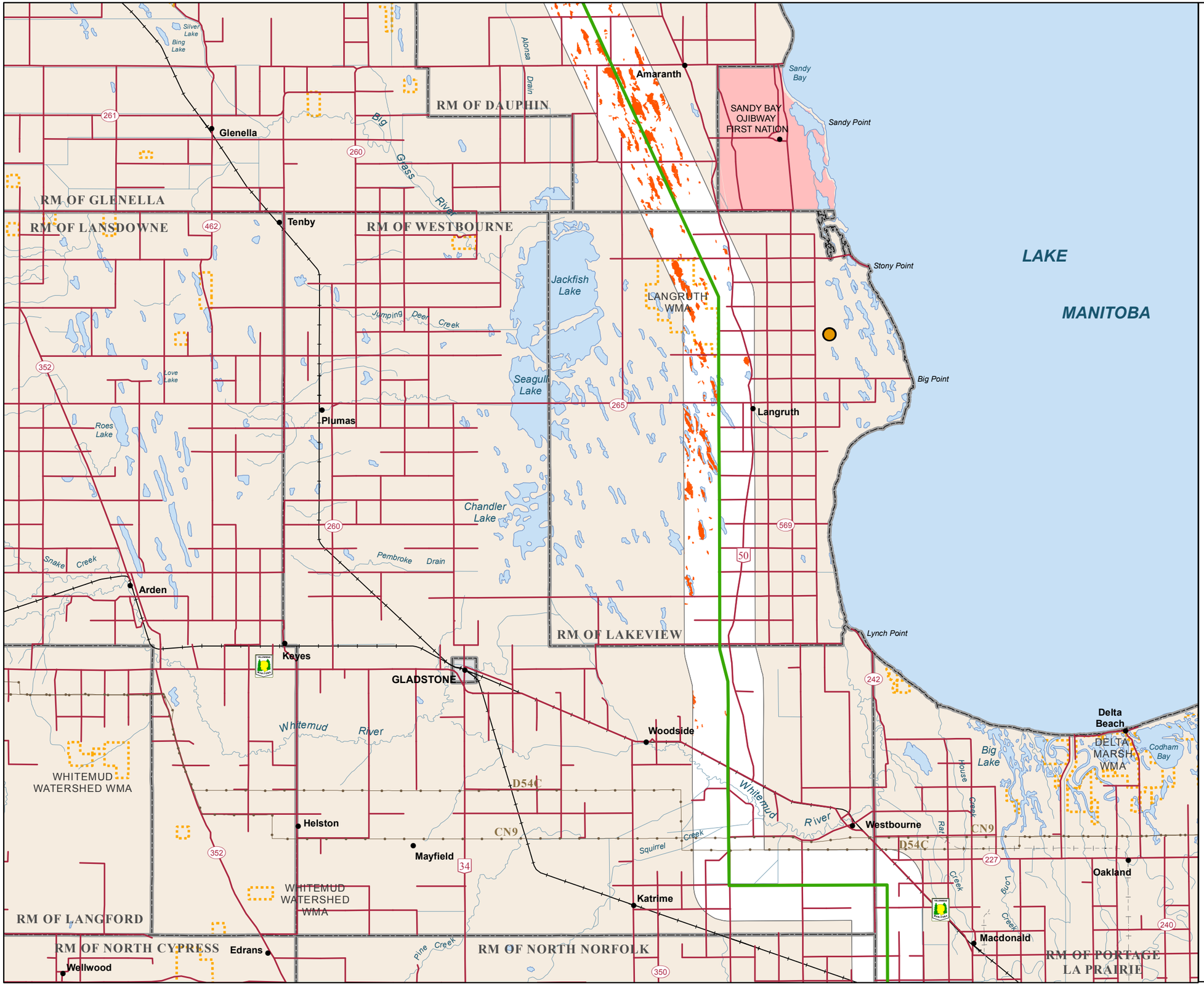
N

0 5 10 Kilometres
0 3 6 Miles

1:250,000

Distribution of Modeled Least Bittern Habitat in the Local Study Area

Map 1900-14



Manitoba Hydro

Bipole III Transmission Project

Project Infrastructure

- Final Preferred Route
- Converter Station
- Local Study Area

Infrastructure

- Transmission Line

Bird Information

- Least Bittern Survey Observations
- Least Bittern Modeled Habitat

Landbase

- Community
- City / Town
- First Nation
- National/Provincial Park
- Provincial Forest
- Wildlife Management Area

Coordinate System: UTM Zone 14N NAD83
Data Source: MBHydro, ProvMB, NRCAN, MMM, Stantec, WRCS, Joro
Date Created: July 25, 2011

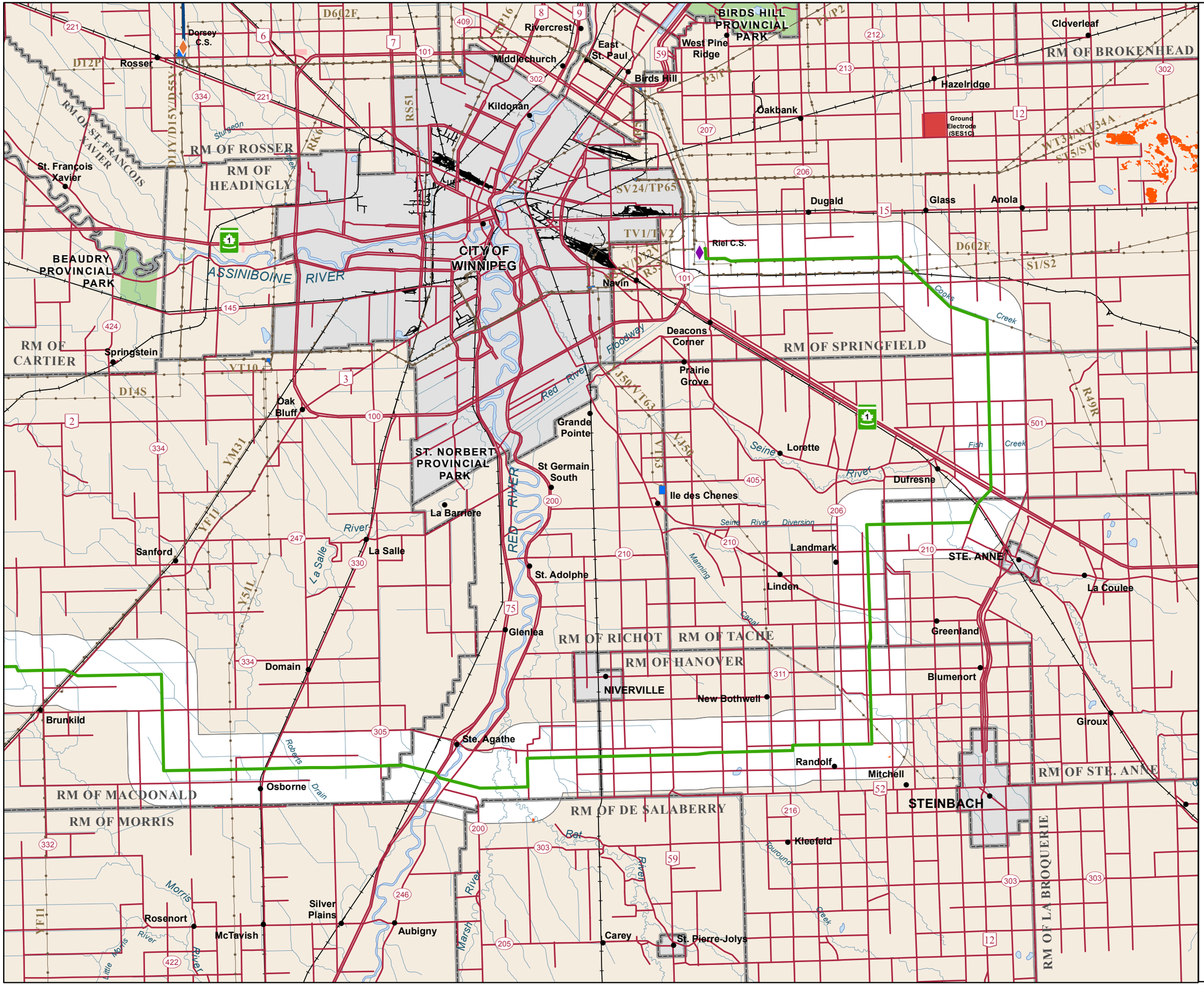
N

0 5 10 Kilometres
0 3 6 Miles

1:250,000

Distribution of Modeled Least Bittern Habitat in the Local Study Area

Map 1900-15



Manitoba Hydro

Bipole III Transmission Project

Project Infrastructure
- Final Preferred Route
- Converter Station
- Local Study Area

Infrastructure
- Transmission Line

Bird Information
- Least Bittern Survey Observations
- Least Bittern Modeled Habitat

Landbase
- Community
- City / Town
- First Nation
- National/Provincial Park
- Provincial Forest
- Wildlife Management Area

Coordinate System: UTM Zone 14N NAD83
Data Source: MBHydro, ProvMB, NRCAN, MMM, Stantec, WRCS, Joro
Date Created: July 25, 2011

N

0 5 10 Kilometres
0 3 6 Miles
1:250,000

Distribution of Modeled Least Bittern Habitat in the Local Study Area

Map 1900-17

Manitoba Hydro

Bipole III Transmission Project

Project Infrastructure

- Final Preferred Route
- Converter Station
- AC Collector Line
- Ground Electrode Line
- Construction Power (KN36)
- Construction Camp Site
- Ground Electrode Site
- Construction Power Site
- Local Study Area

Infrastructure

- Converter Station
- Generating Station (Proposed)
- Generating Station
- Transmission Line
- Bipole I and II

Bird Information

- Yellow Rail Survey Observations
- Yellow Rail Modeled Habitat

Landbase

- Community
- City / Town
- First Nation
- National/Provincial Park
- Provincial Forest
- Wildlife Management Area

Coordinate System: UTM Zone 14N NAD83
Data Source: MBHydro, ProvMB, NRCAN, MMM, Stantec, WRCS, Joro
Date Created: July 25, 2011

N

0 5 10 Kilometres
0 3 6 Miles
1:250,000

Distribution of Modeled Yellow Rail Habitat in the Local Study Area

Map 2000-01

Manitoba Hydro

Bipole III Transmission Project

Project Infrastructure
- Final Preferred Route
- Converter Station
- Local Study Area

Infrastructure
- Converter Station
- Generating Station (Proposed)
- Generating Station
- Transmission Line
- Bipole I and II

Bird Information
- Yellow Rail Survey Observations
- Yellow Rail Modeled Habitat

Landbase
- Community
- City / Town
- First Nation
- National/Provincial Park
- Provincial Forest
- Wildlife Management Area

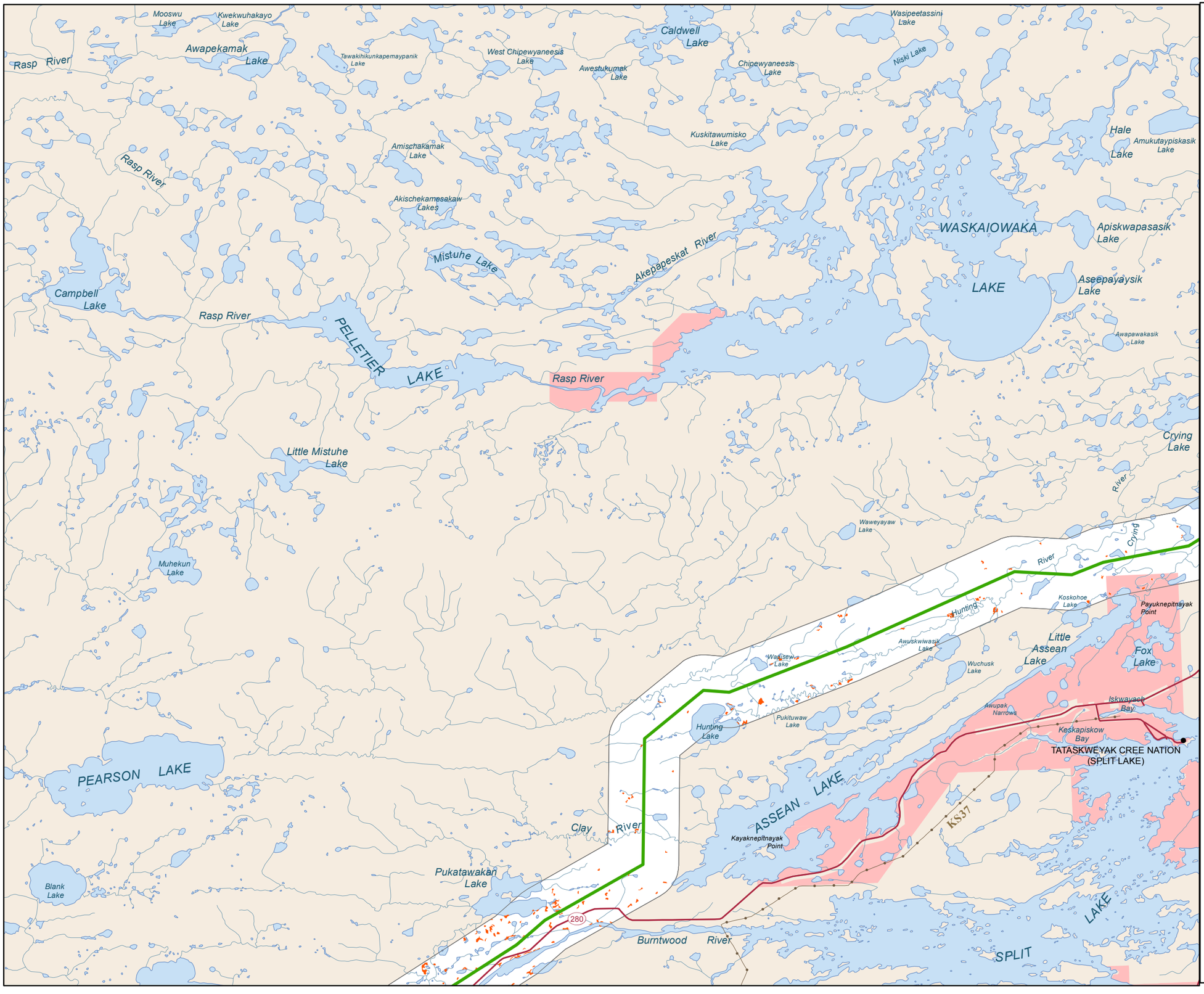
Coordinate System: UTM Zone 14N NAD83
Data Source: MBHydro, ProvMB, NRCAN, MMM, Stantec, WRCS, Joro
Date Created: July 25, 2011

N

0 5 10 Kilometres
0 3 6 Miles
1:250,000

Distribution of Modeled Yellow Rail Habitat in the Local Study Area

Map 2000-02



Manitoba Hydro

Bipole III Transmission Project

Project Infrastructure

- Final Preferred Route
- Converter Station
- Local Study Area

Infrastructure

- Transmission Line

Bird Information

- Yellow Rail Survey Observations
- Yellow Rail Modeled Habitat

Landbase

- Community
- City / Town
- First Nation
- National/Provincial Park
- Provincial Forest
- Wildlife Management Area

Coordinate System: UTM Zone 14N NAD83
Data Source: MBHydro, ProvMB, NRCAN, MMM, Stantec, WRCS, Joro
Date Created: July 25, 2011

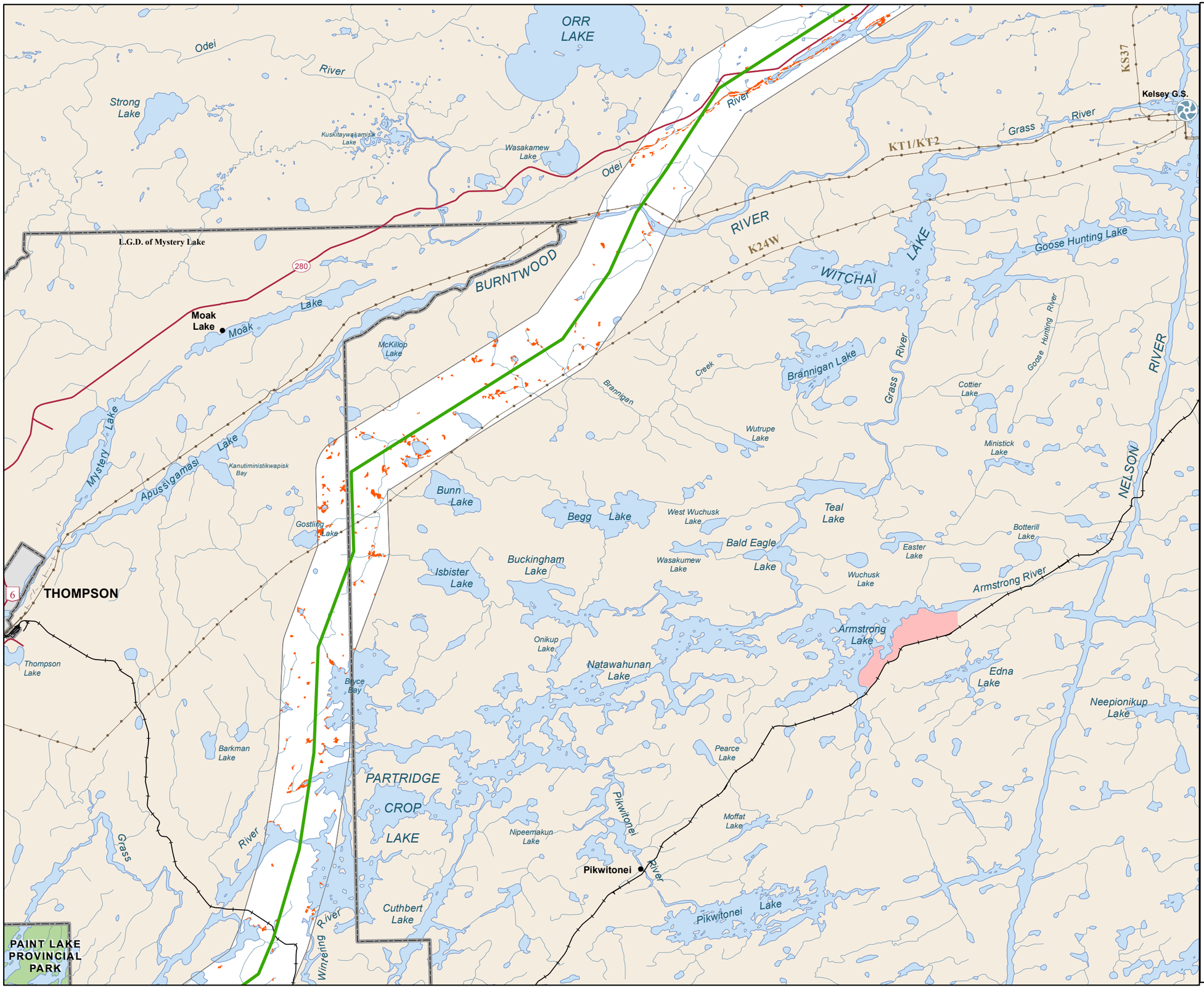
N

0 5 10 Kilometres
0 3 6 Miles

1:250,000

Distribution of Modeled Yellow Rail Habitat in the Local Study Area

Map 2000-03



Manitoba Hydro

Bipole III Transmission Project

Project Infrastructure
- Final Preferred Route
- Converter Station
- Local Study Area

Infrastructure
- Transmission Line

Bird Information
- Yellow Rail Survey Observations
- Yellow Rail Modeled Habitat

Landbase
- Community
- City / Town
- First Nation
- National/Provincial Park
- Provincial Forest
- Wildlife Management Area

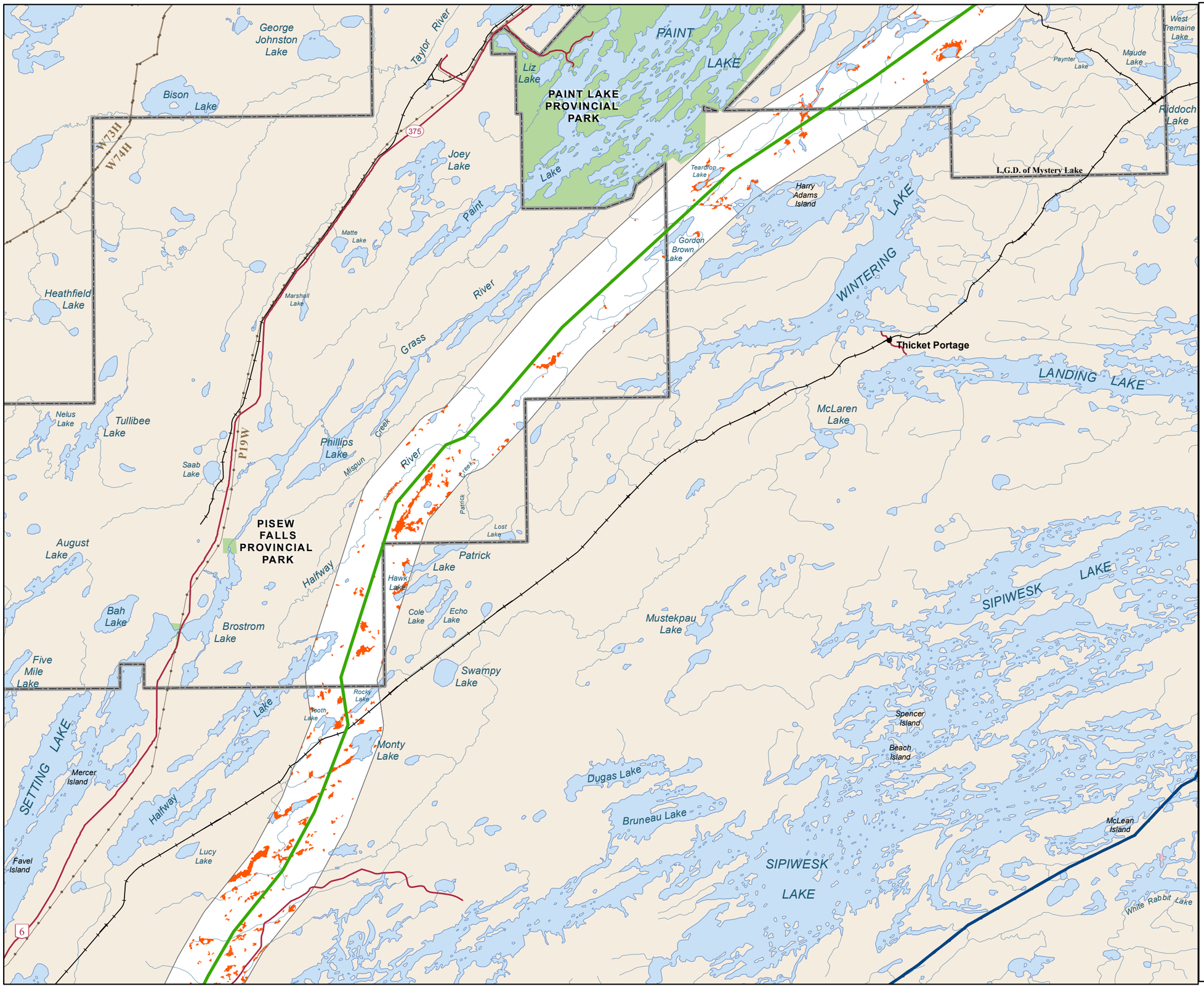
Coordinate System: UTM Zone 14N NAD83
Data Source: MBHydro, ProvMB, NRCAN, MMM, Stantec, WRCS, Joro
Date Created: July 25, 2011

N

0 5 10 Kilometres
0 3 6 Miles
1:250,000

Distribution of Modeled Yellow Rail Habitat in the Local Study Area

Map 2000-04



Manitoba Hydro

Bipole III Transmission Project

Project Infrastructure
- Final Preferred Route
- Converter Station
- Local Study Area

Infrastructure
- Transmission Line

Bird Information
- Yellow Rail Survey Observations
- Yellow Rail Modeled Habitat

Landbase
- Community
- City / Town
- First Nation
- National/Provincial Park
- Provincial Forest
- Wildlife Management Area

Coordinate System: UTM Zone 14N NAD83
Data Source: MBHydro, ProvMB, NRCAN, MMM, Stantec, WRCS, Joro
Date Created: July 25, 2011

N

0 5 10 Kilometres
0 3 6 Miles
1:250,000

Distribution of Modeled Yellow Rail Habitat in the Local Study Area

Map 2000-05

Manitoba Hydro

Bipole III Transmission Project

Project Infrastructure

- Final Preferred Route
- Converter Station
- Local Study Area

Infrastructure

- Transmission Line

Bird Information

- Yellow Rail Survey Observations
- Yellow Rail Modeled Habitat

Landbase

- Community
- City / Town
- First Nation
- National/Provincial Park
- Provincial Forest
- Wildlife Management Area

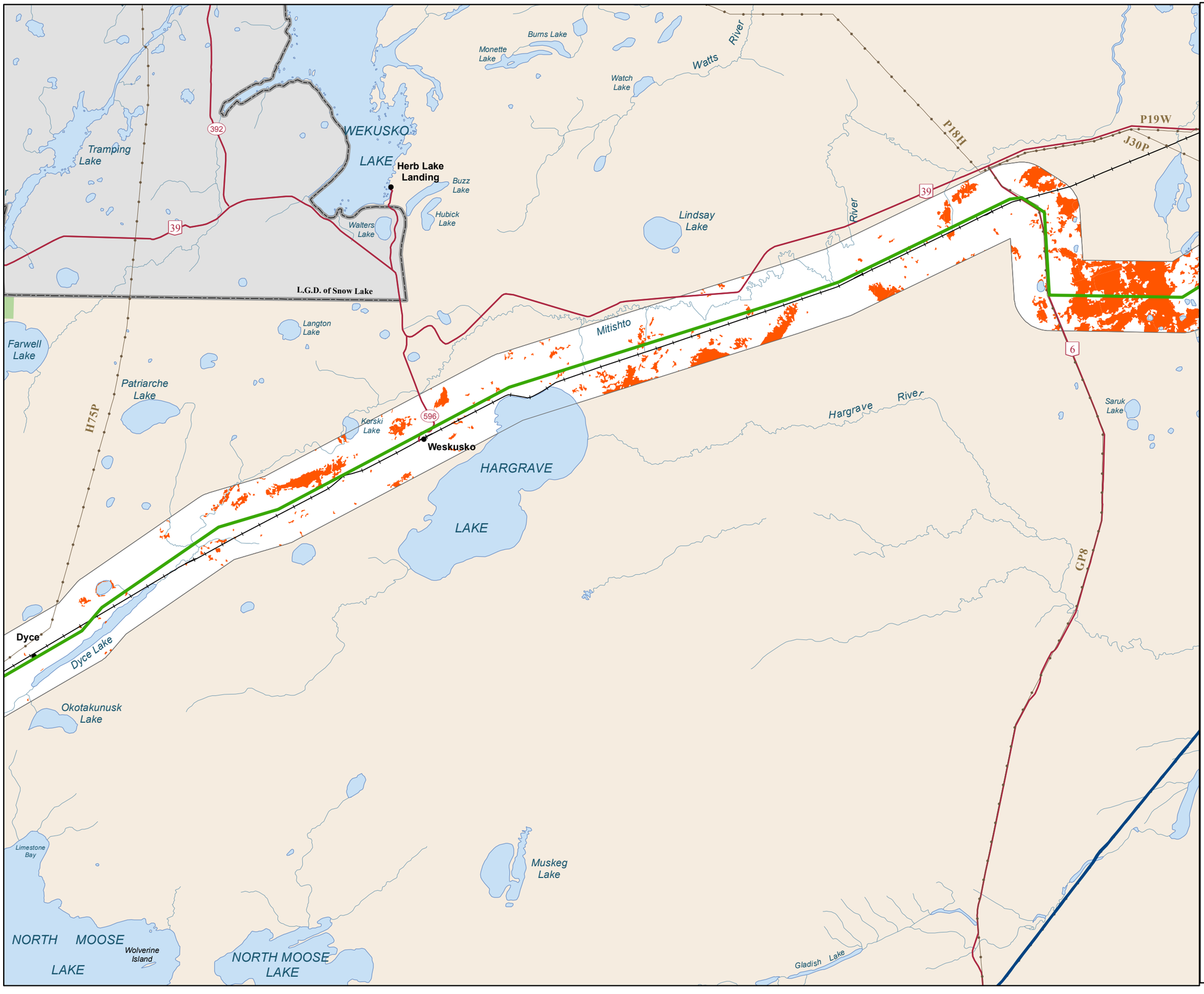
Coordinate System: UTM Zone 14N NAD83
Data Source: MBHydro, ProvMB, NRCAN, MMM, Stantec, WRCS, Joro
Date Created: July 25, 2011

N

0 5 10 Kilometres
0 3 6 Miles
1:250,000

Distribution of Modeled Yellow Rail Habitat in the Local Study Area

Map 2000-06



Manitoba Hydro

Bipole III Transmission Project

Project Infrastructure
- Final Preferred Route
- Converter Station
- Local Study Area

Infrastructure
- Transmission Line

Bird Information
- Yellow Rail Survey Observations
- Yellow Rail Modeled Habitat

Landbase
- Community
- City / Town
- First Nation
- National/Provincial Park
- Provincial Forest
- Wildlife Management Area

Coordinate System: UTM Zone 14N NAD83
Data Source: MBHydro, ProvMB, NRCAN, MMM, Stantec, WRCS, Joro
Date Created: July 25, 2011

N

0 5 10 Kilometres
0 3 6 Miles
1:250,000

Distribution of Modeled Yellow Rail Habitat in the Local Study Area

Map 2000-07

Manitoba Hydro

Bipole III Transmission Project

Project Infrastructure
- Final Preferred Route
- Converter Station
- Local Study Area

Infrastructure
- Transmission Line

Bird Information
- Yellow Rail Survey Observations
- Yellow Rail Modeled Habitat

Landbase
- Community
- City / Town
- First Nation
- National/Provincial Park
- Provincial Forest
- Wildlife Management Area

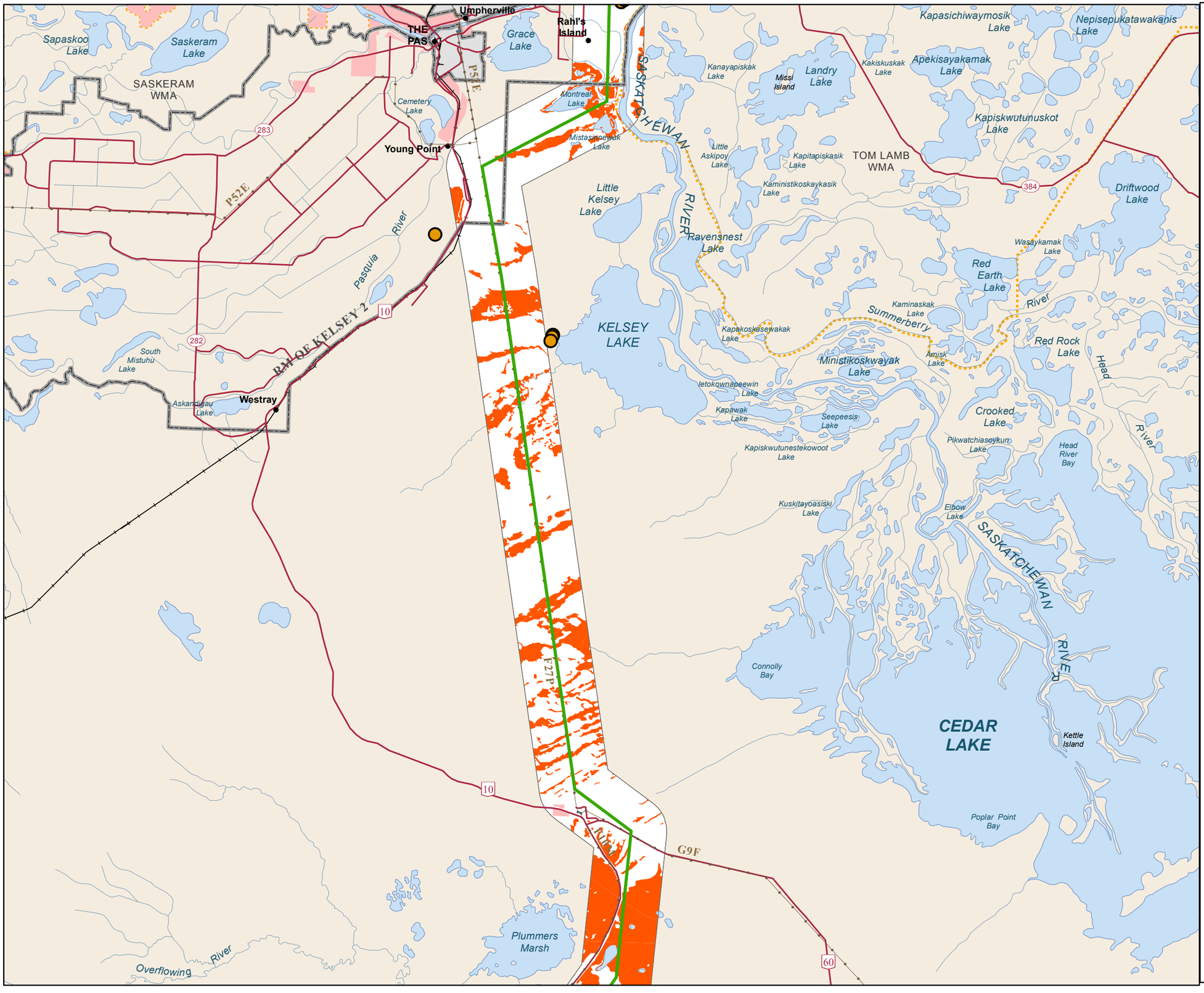
Coordinate System: UTM Zone 14N NAD83
Data Source: MBHydro, ProvMB, NRCAN, MMM, Stantec, WRCS, Joro
Date Created: July 25, 2011

N

0 5 10 Kilometres
0 3 6 Miles
1:250,000

Distribution of Modeled Yellow Rail Habitat in the Local Study Area

Map 2000-08



Manitoba Hydro

Bipole III Transmission Project

Project Infrastructure
- Final Preferred Route
- Converter Station
- Local Study Area

Infrastructure
- Transmission Line

Bird Information
- Yellow Rail Survey Observations
- Yellow Rail Modeled Habitat

Landbase
- Community
- City / Town
- First Nation
- National/Provincial Park
- Provincial Forest
- Wildlife Management Area

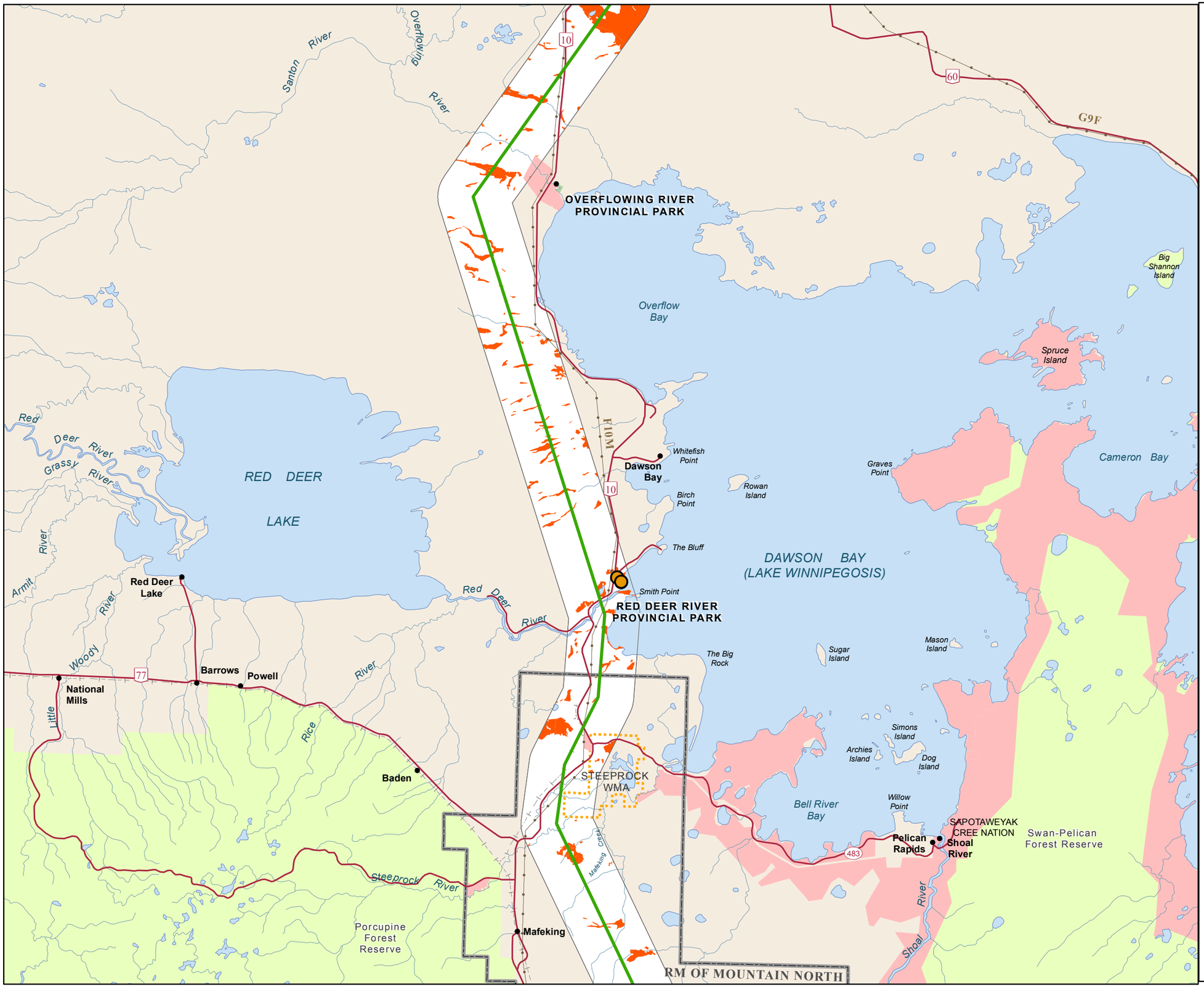
Coordinate System: UTM Zone 14N NAD83
Data Source: MBHydro, ProvMB, NRCAN, MMM, Stantec, WRCS, Joro
Date Created: July 25, 2011

N

0 5 10 Kilometres
0 3 6 Miles
1:250,000

Distribution of Modeled Yellow Rail Habitat in the Local Study Area

Map 2000-09



Manitoba Hydro

Bipole III Transmission Project

Project Infrastructure
- Final Preferred Route
- Converter Station
- Local Study Area

Infrastructure
- Transmission Line

Bird Information
- Yellow Rail Survey Observations
- Yellow Rail Modeled Habitat

Landbase
- Community
- City / Town
- First Nation
- National/Provincial Park
- Provincial Forest
- Wildlife Management Area

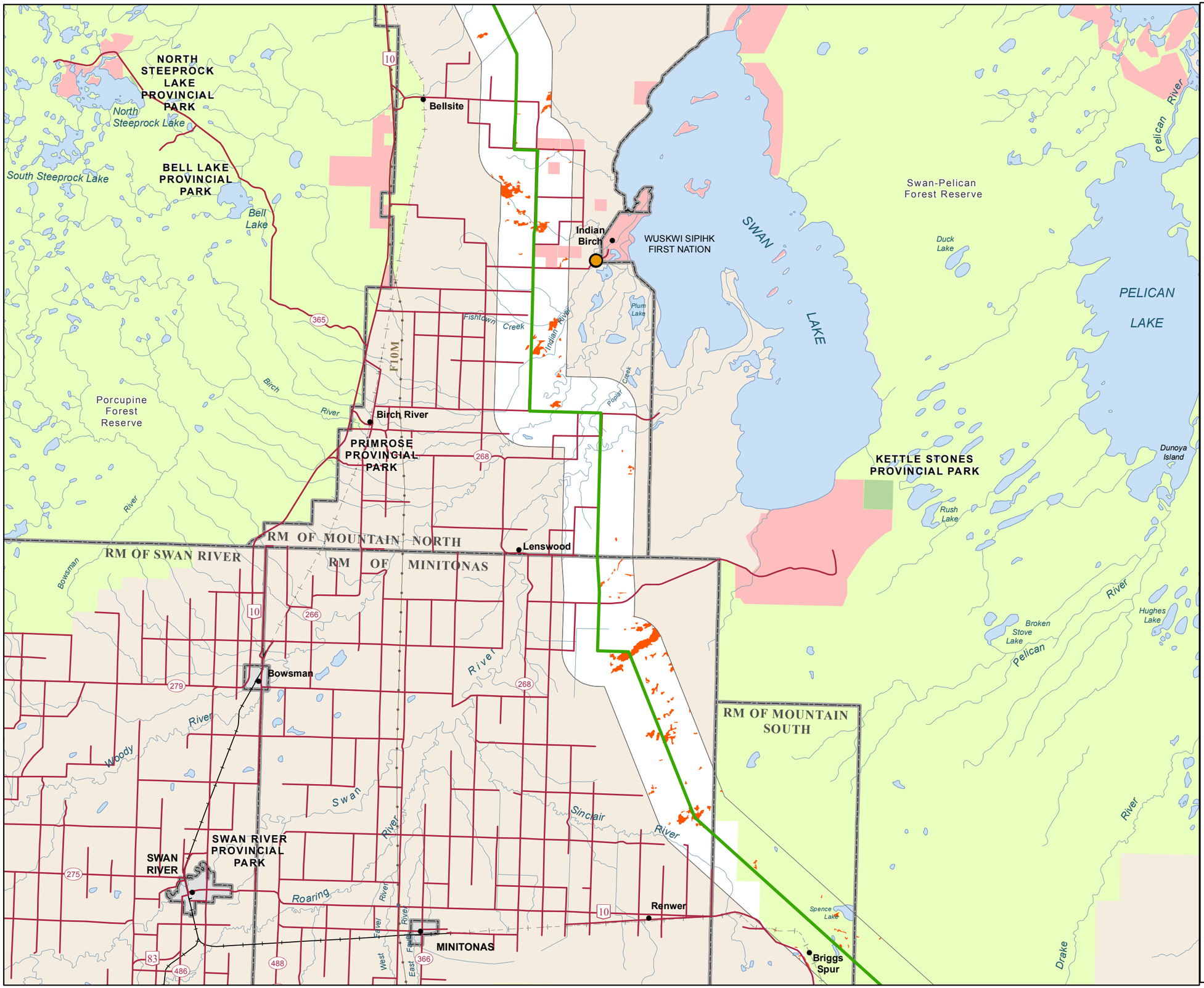
Coordinate System: UTM Zone 14N NAD83
Data Source: MBHydro, ProvMB, NRCAN, MMM, Stantec, WRCS, Joro
Date Created: July 25, 2011

N

0 5 10 Kilometres
0 3 6 Miles
1:250,000

Distribution of Modeled Yellow Rail Habitat in the Local Study Area

Map 2000-10



Manitoba Hydro

Bipole III Transmission Project

Project Infrastructure
- Final Preferred Route
- Converter Station
- Local Study Area

Infrastructure
- Transmission Line

Bird Information
- Yellow Rail Survey Observations
- Yellow Rail Modeled Habitat

Landbase
- Community
- City / Town
- First Nation
- National/Provincial Park
- Provincial Forest
- Wildlife Management Area

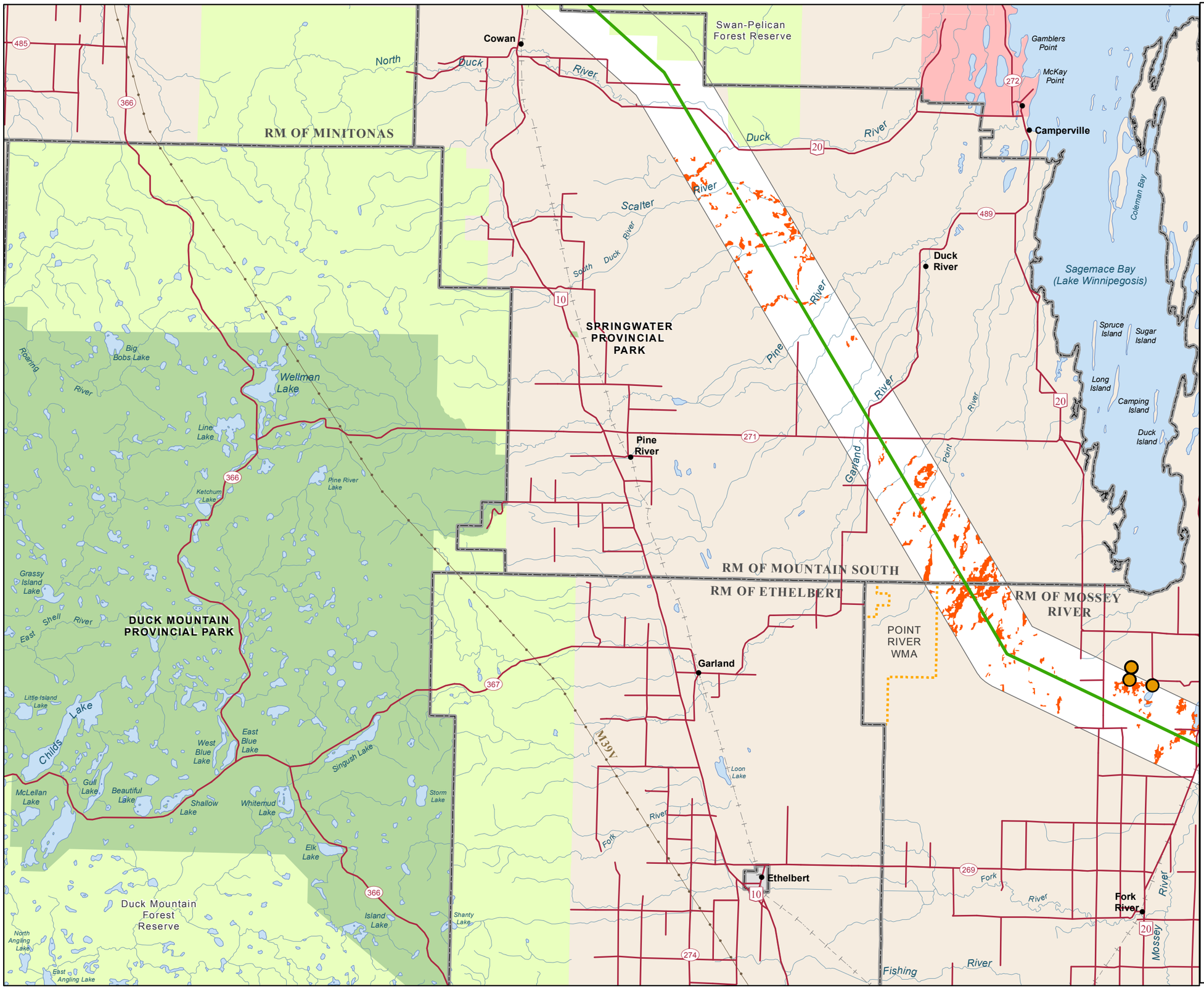
Coordinate System: UTM Zone 14N NAD83
Data Source: MBHydro, ProvMB, NRCAN, MMM, Stantec, WRCS, Joro
Date Created: July 25, 2011

N

0 5 10 Kilometres
0 3 6 Miles
1:250,000

Distribution of Modeled Yellow Rail Habitat in the Local Study Area

Map 2000-11



Manitoba Hydro

Bipole III Transmission Project

Project Infrastructure
- Final Preferred Route
- Converter Station
- Local Study Area

Infrastructure
- Transmission Line

Bird Information
- Yellow Rail Survey Observations
- Yellow Rail Modeled Habitat

Landbase
- Community
- City / Town
- First Nation
- National/Provincial Park
- Provincial Forest
- Wildlife Management Area

Coordinate System: UTM Zone 14N NAD83
Data Source: MBHydro, ProvMB, NRCAN, MMM, Stantec, WRCS, Joro
Date Created: July 25, 2011

N

0 5 10 Kilometres
0 3 6 Miles
1:250,000

Distribution of Modeled Yellow Rail Habitat in the Local Study Area

Map 2000-12

Manitoba Hydro

Bipole III Transmission Project

Project Infrastructure
- Final Preferred Route
- Converter Station
- Local Study Area

Infrastructure
- Transmission Line

Bird Information
- Yellow Rail Survey Observations
- Yellow Rail Modeled Habitat

Landbase
- Community
- City / Town
- First Nation
- National/Provincial Park
- Provincial Forest
- Wildlife Management Area

Coordinate System: UTM Zone 14N NAD83
Data Source: MBHydro, ProvMB, NRCAN, MMM, Stantec, WRCS, Joro
Date Created: July 25, 2011

N

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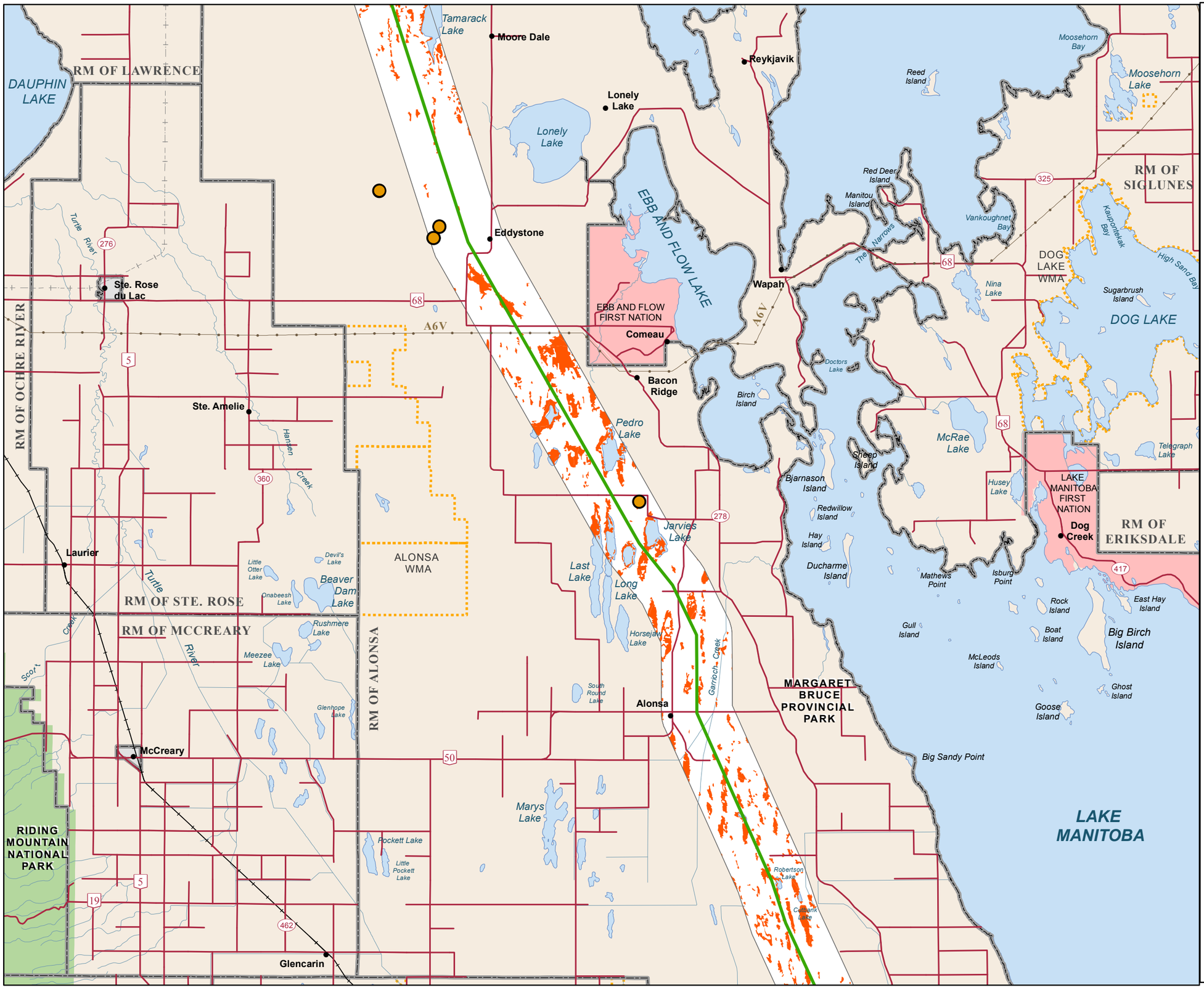
0 3 6 Miles
1:250,000

Distribution of Modeled Yellow Rail Habitat in the Local Study Area

Map 2000-13



Manitoba Hydro

Bipole III Transmission Project

Project Infrastructure
- Final Preferred Route
- Converter Station
- Local Study Area

Infrastructure
- Transmission Line

Bird Information
- Yellow Rail Survey Observations
- Yellow Rail Modeled Habitat

Landbase
- Community
- City / Town
- First Nation
- National/Provincial Park
- Provincial Forest
- Wildlife Management Area

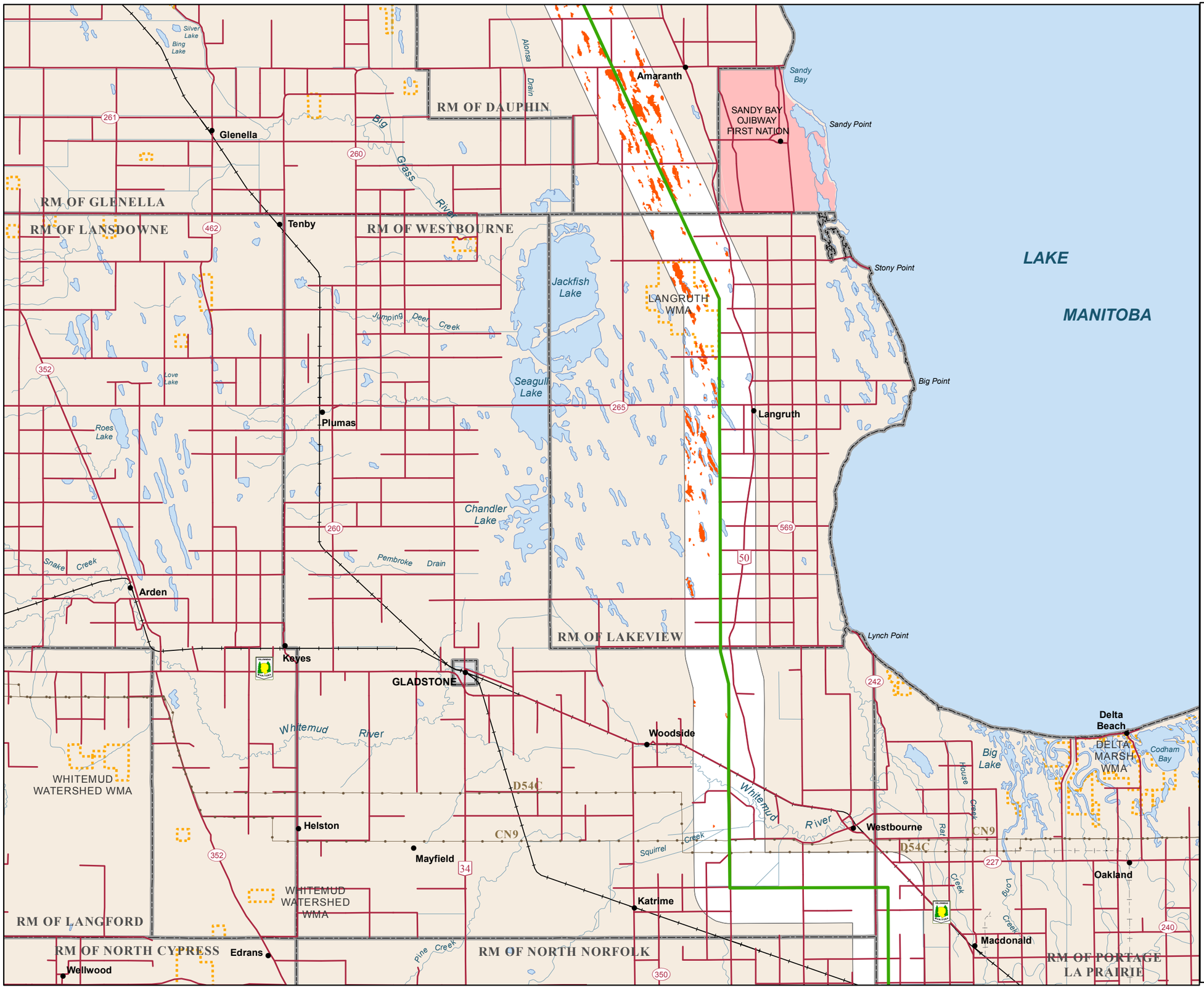
Coordinate System: UTM Zone 14N NAD83
Data Source: MBHydro, ProvMB, NRCAN, MMM, Stantec, WRCS, Joro
Date Created: July 25, 2011

N

0 5 10 Kilometres
0 3 6 Miles
1:250,000

Distribution of Modeled Yellow Rail Habitat in the Local Study Area

Map 2000-14



Manitoba Hydro

Bipole III Transmission Project

Project Infrastructure
- Final Preferred Route
- Converter Station
- Local Study Area

Infrastructure
- Transmission Line

Bird Information
- Yellow Rail Survey Observations
- Yellow Rail Modeled Habitat

Landbase
- Community
- City / Town
- First Nation
- National/Provincial Park
- Provincial Forest
- Wildlife Management Area

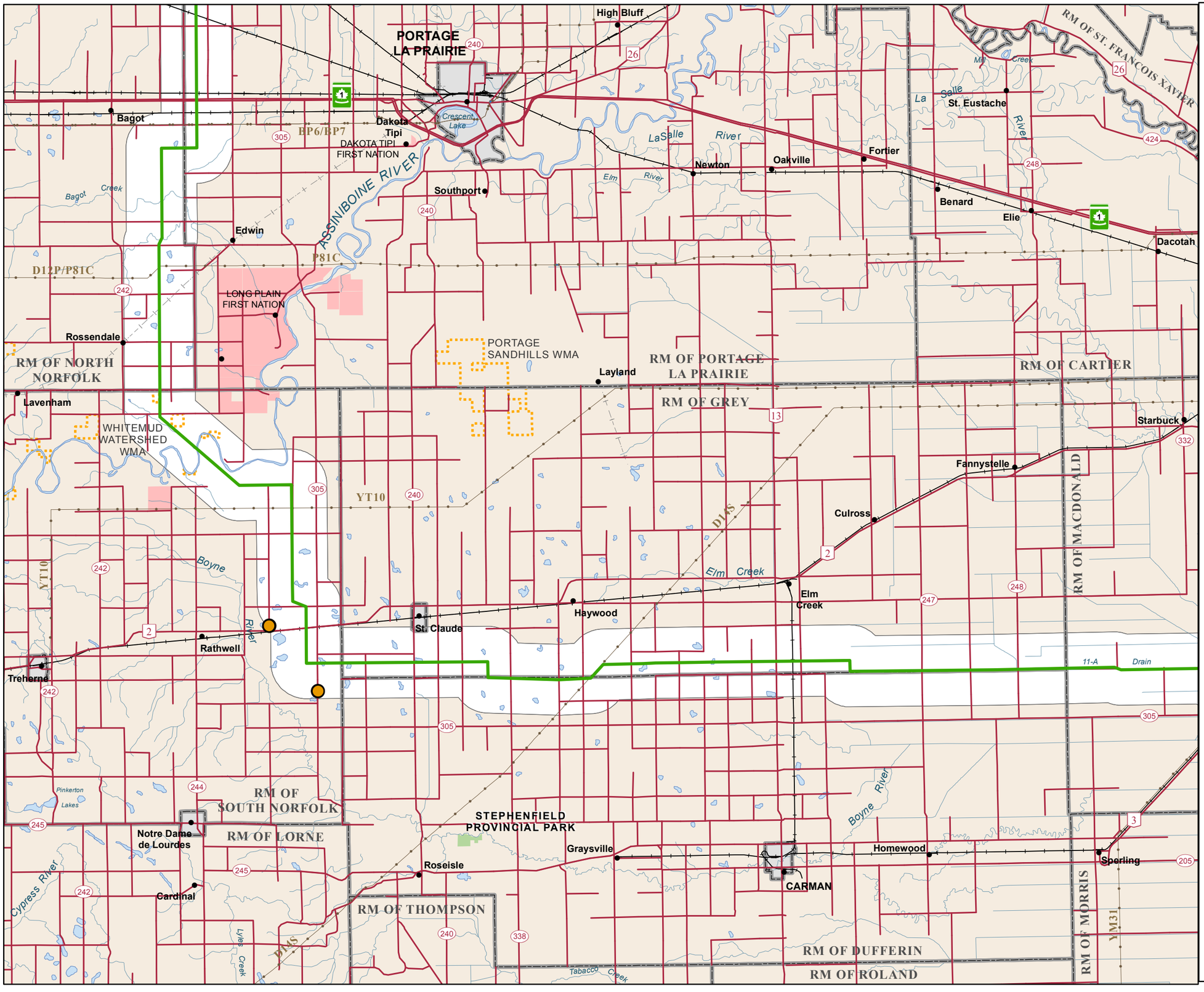
Coordinate System: UTM Zone 14N NAD83
Data Source: MBHydro, ProvMB, NRCAN, MMM, Stantec, WRCS, Joro
Date Created: July 25, 2011

N

0 5 10 Kilometres
0 3 6 Miles
1:250,000

Distribution of Modeled Yellow Rail Habitat in the Local Study Area

Map 2000-15



Manitoba Hydro

Bipole III Transmission Project

Project Infrastructure

- Final Preferred Route
- Converter Station
- Local Study Area

Infrastructure

- Transmission Line

Bird Information

- Yellow Rail Survey Observations
- Yellow Rail Modeled Habitat

Landbase

- Community
- City / Town
- First Nation
- National/Provincial Park
- Provincial Forest
- Wildlife Management Area

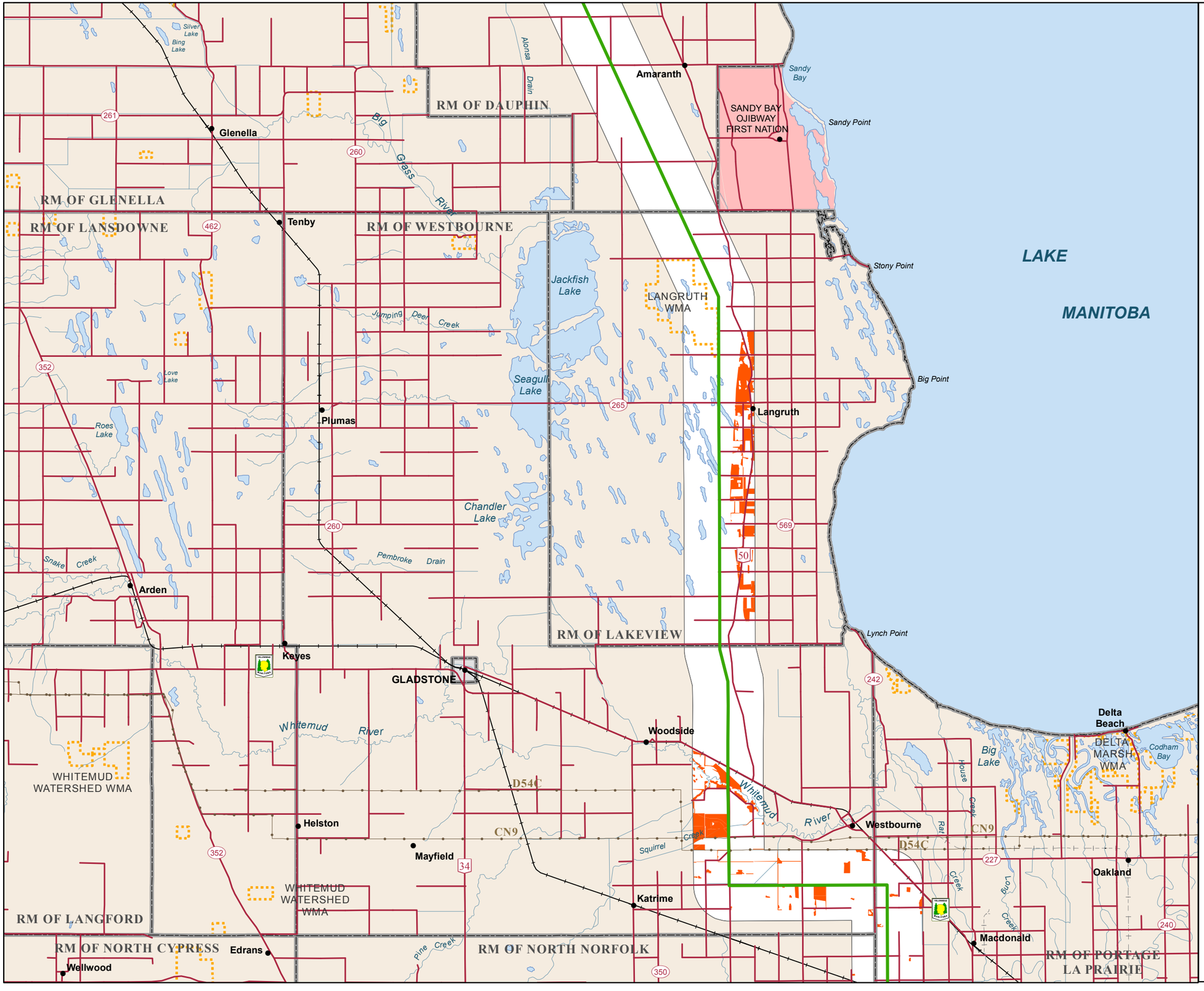
Coordinate System: UTM Zone 14N NAD83
Data Source: MBHydro, ProvMB, NRCAN, MMM, Stantec, WRCS, Joro
Date Created: July 25, 2011

N

0 5 10 Kilometres
0 3 6 Miles
1:250,000

Distribution of Modeled Yellow Rail Habitat in the Local Study Area

Map 2000-16



Manitoba Hydro

Bipole III Transmission Project

Project Infrastructure
- Final Preferred Route
- Converter Station
- Local Study Area

Infrastructure
- Transmission Line

Bird Information
- Ferruginous Hawk Modeled Habitat

Landbase
- Community
- City / Town
- First Nation
- National/Provincial Park
- Provincial Forest
- Wildlife Management Area

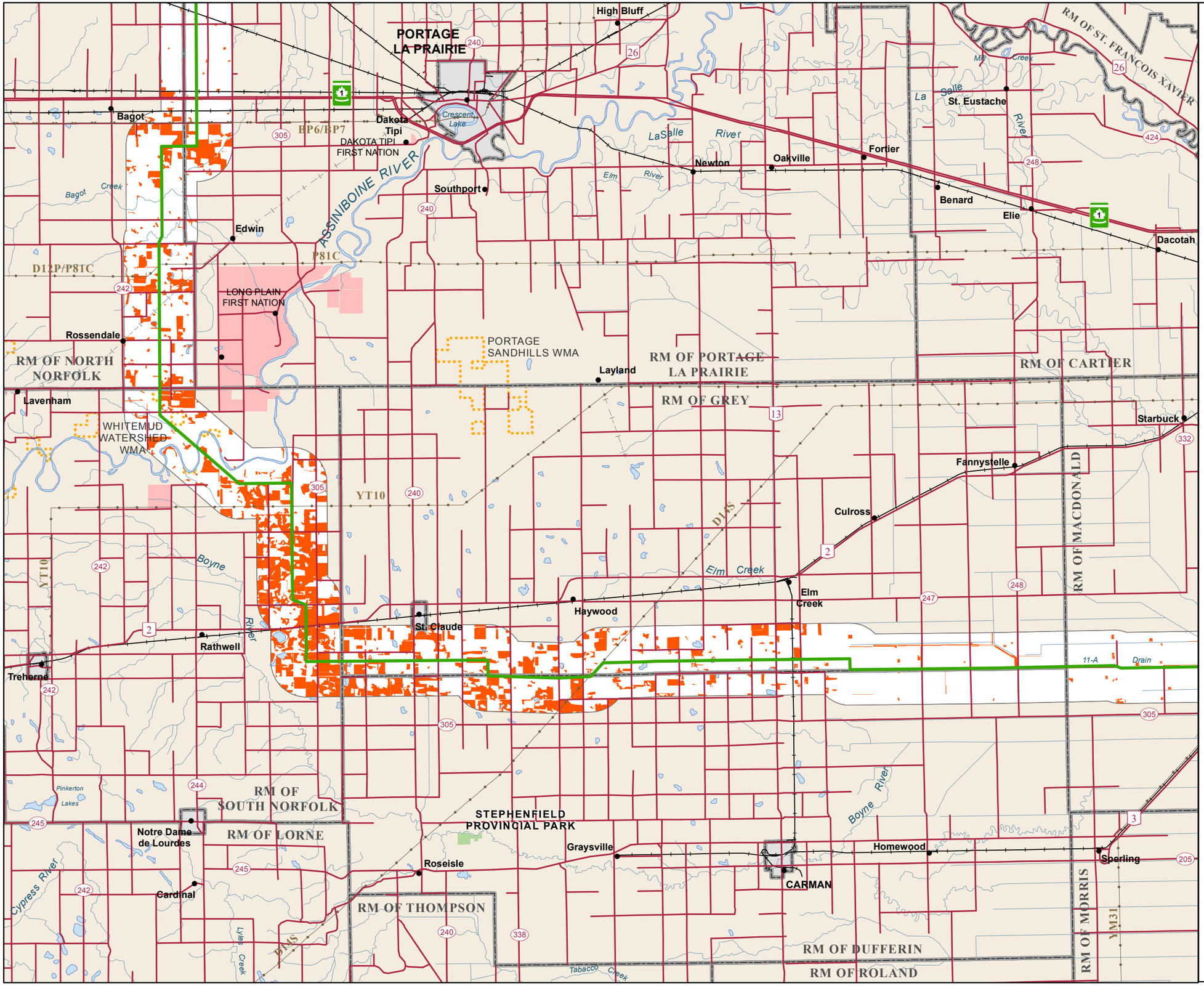
Coordinate System: UTM Zone 14N NAD83
Data Source: MBHydro, ProvMB, NRCAN, MMM, Stantec, WRCS, Joro
Date Created: July 25, 2011

N

0 5 10 Kilometres
0 3 6 Miles
1:250,000

Distribution of Modeled Ferruginous Hawk Habitat in the Local Study Area

Map 2100-15



Manitoba Hydro

Bipole III Transmission Project

Project Infrastructure

- Final Preferred Route
- Converter Station
- Local Study Area

Infrastructure

- Transmission Line

Bird Information

- Ferruginous Hawk Modeled Habitat

Landbase

- Community
- City / Town
- First Nation
- National/Provincial Park
- Provincial Forest
- Wildlife Management Area

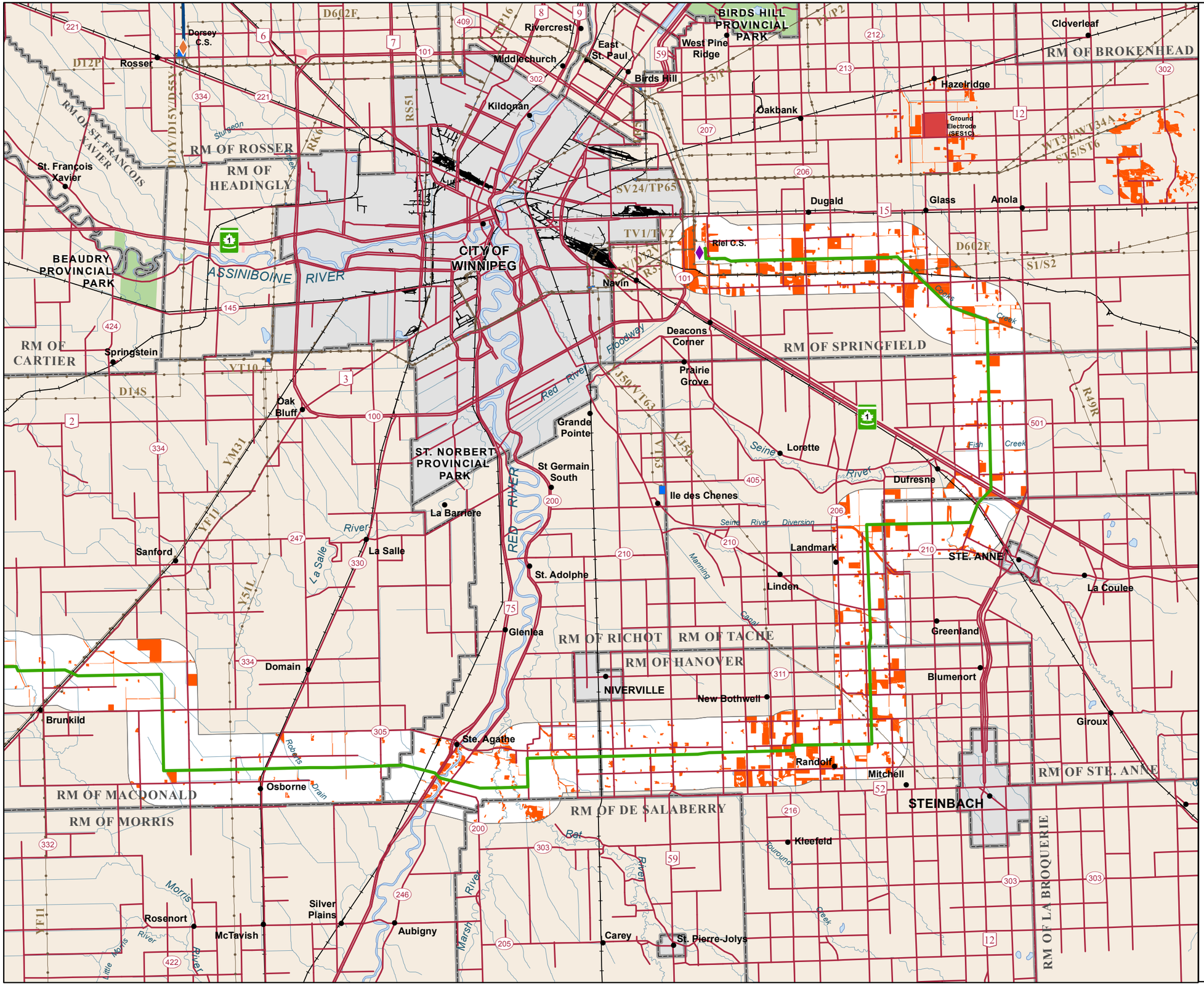
Coordinate System: UTM Zone 14N NAD83
Data Source: MBHydro, ProvMB, NRCAN, MMM, Stantec, WRCS, Joro
Date Created: July 25, 2011

N

0 5 10 Kilometres
0 3 6 Miles
1:250,000

Distribution of Modeled Ferruginous Hawk Habitat in the Local Study Area

Map 2100-16



Manitoba Hydro

Bipole III Transmission Project

Project Infrastructure

- Final Preferred Route
- Converter Station
- Local Study Area

Infrastructure

- Transmission Line

Bird Information

- Ferruginous Hawk Modeled Habitat

Landbase

- Community
- City / Town
- First Nation
- National/Provincial Park
- Provincial Forest
- Wildlife Management Area

Coordinate System: UTM Zone 14N NAD83
Data Source: MBHydro, ProvMB, NRCAN, MMM, Stantec, WRCS, Joro
Date Created: July 25, 2011

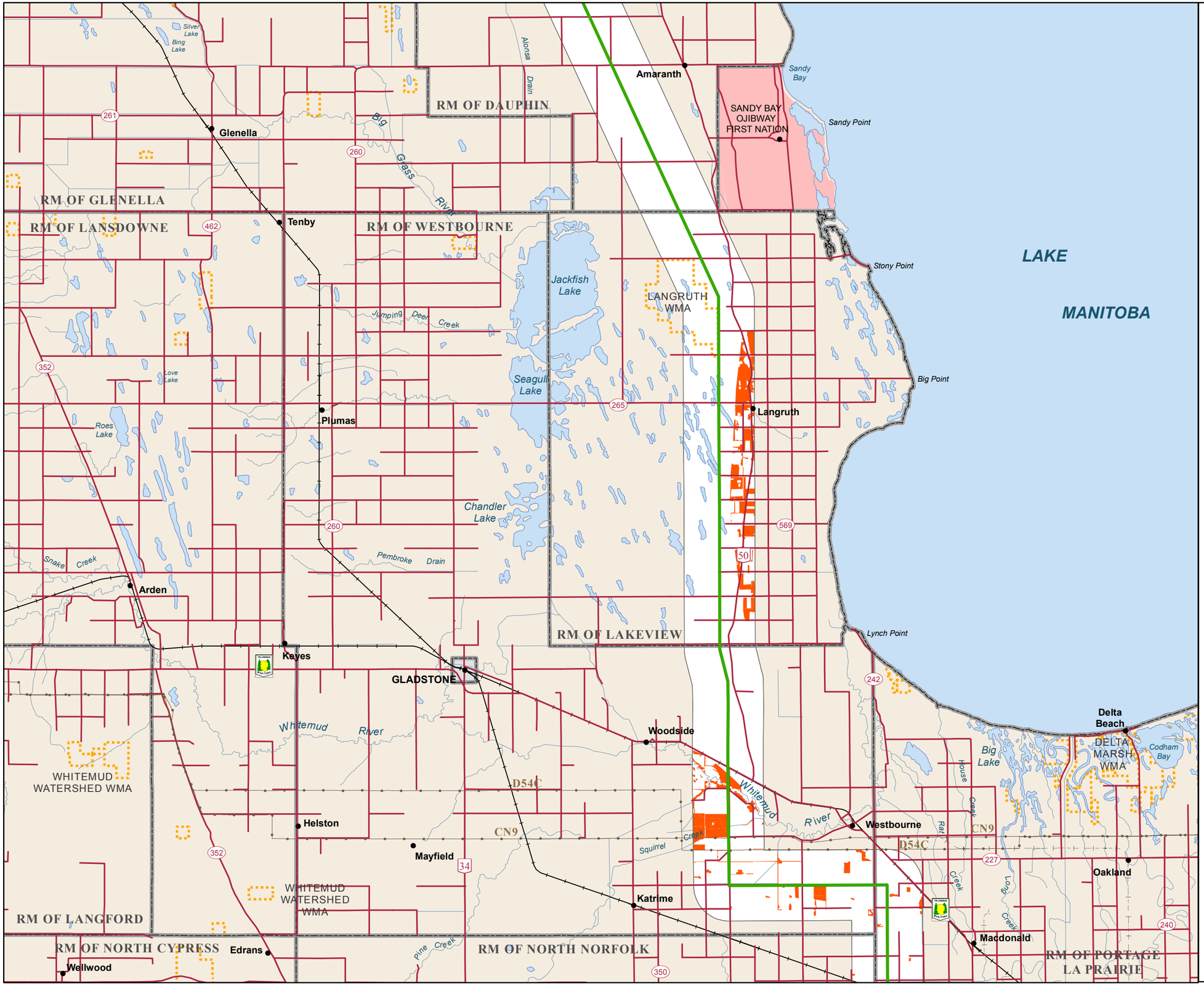
N

0 5 10 Kilometres
0 3 6 Miles

1:250,000

Distribution of Modeled Ferruginous Hawk Habitat in the Local Study Area

Map 2100-17



Manitoba Hydro

Bipole III Transmission Project

Project Infrastructure
- Final Preferred Route
- Converter Station
- Local Study Area

Infrastructure
- Transmission Line

Bird Information
- Burrowing Owl Modeled Habitat

Landbase
- Community
- City / Town
- First Nation
- National/Provincial Park
- Provincial Forest
- Wildlife Management Area

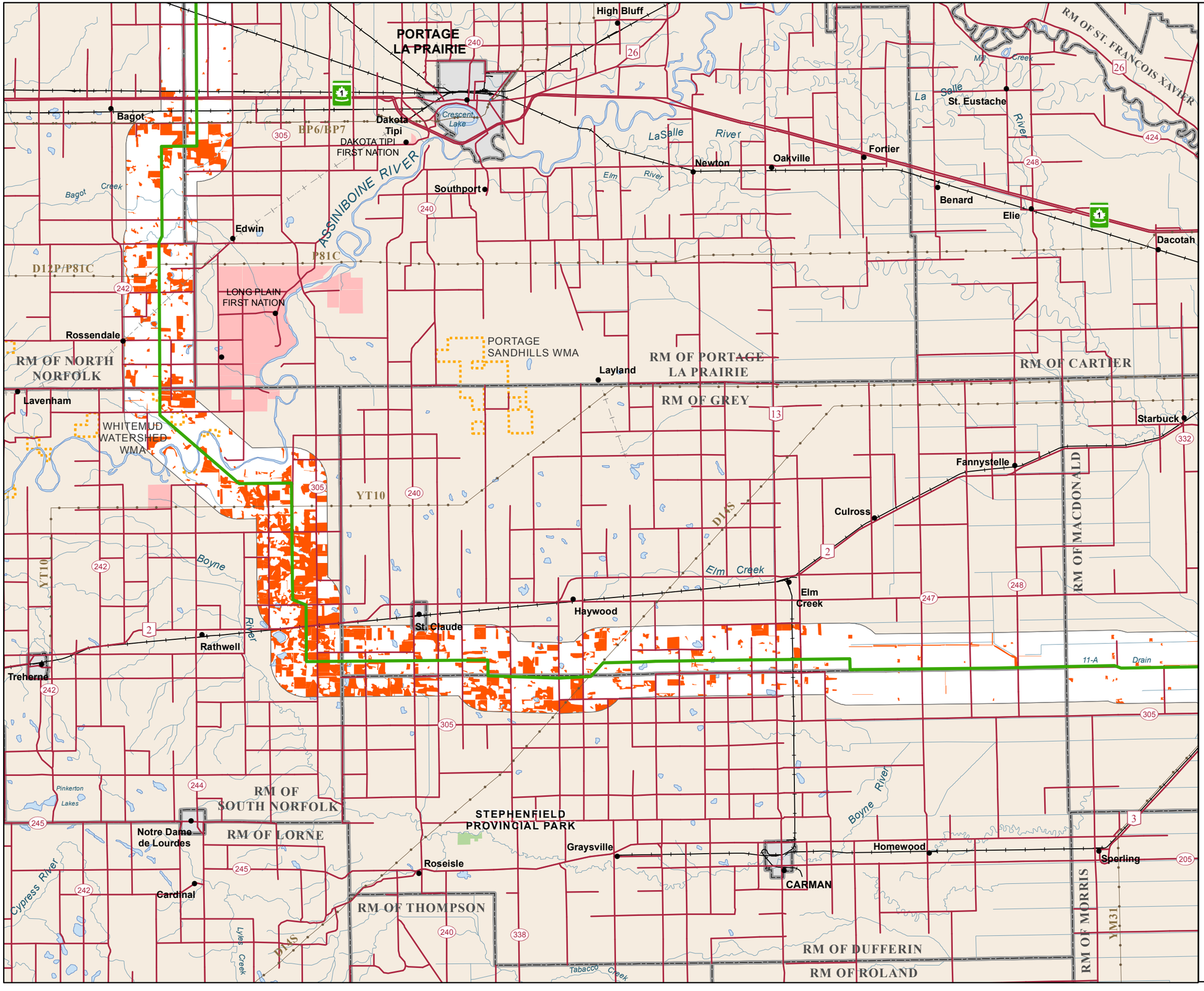
Coordinate System: UTM Zone 14N NAD83
Data Source: MBHydro, ProvMB, NRCAN, MMM, Stantec, WRCS, Joro
Date Created: July 25, 2011

N

0 5 10 Kilometres
0 3 6 Miles
1:250,000

Distribution of Modeled Burrowing Owl Habitat in the Local Study Area

Map 2200-15



Manitoba Hydro

Bipole III Transmission Project

Project Infrastructure

- Final Preferred Route
- Converter Station
- Local Study Area

Infrastructure

- Transmission Line

Bird Information

- Burrowing Owl Modeled Habitat

Landbase

- Community
- City / Town
- First Nation
- National/Provincial Park
- Provincial Forest
- Wildlife Management Area

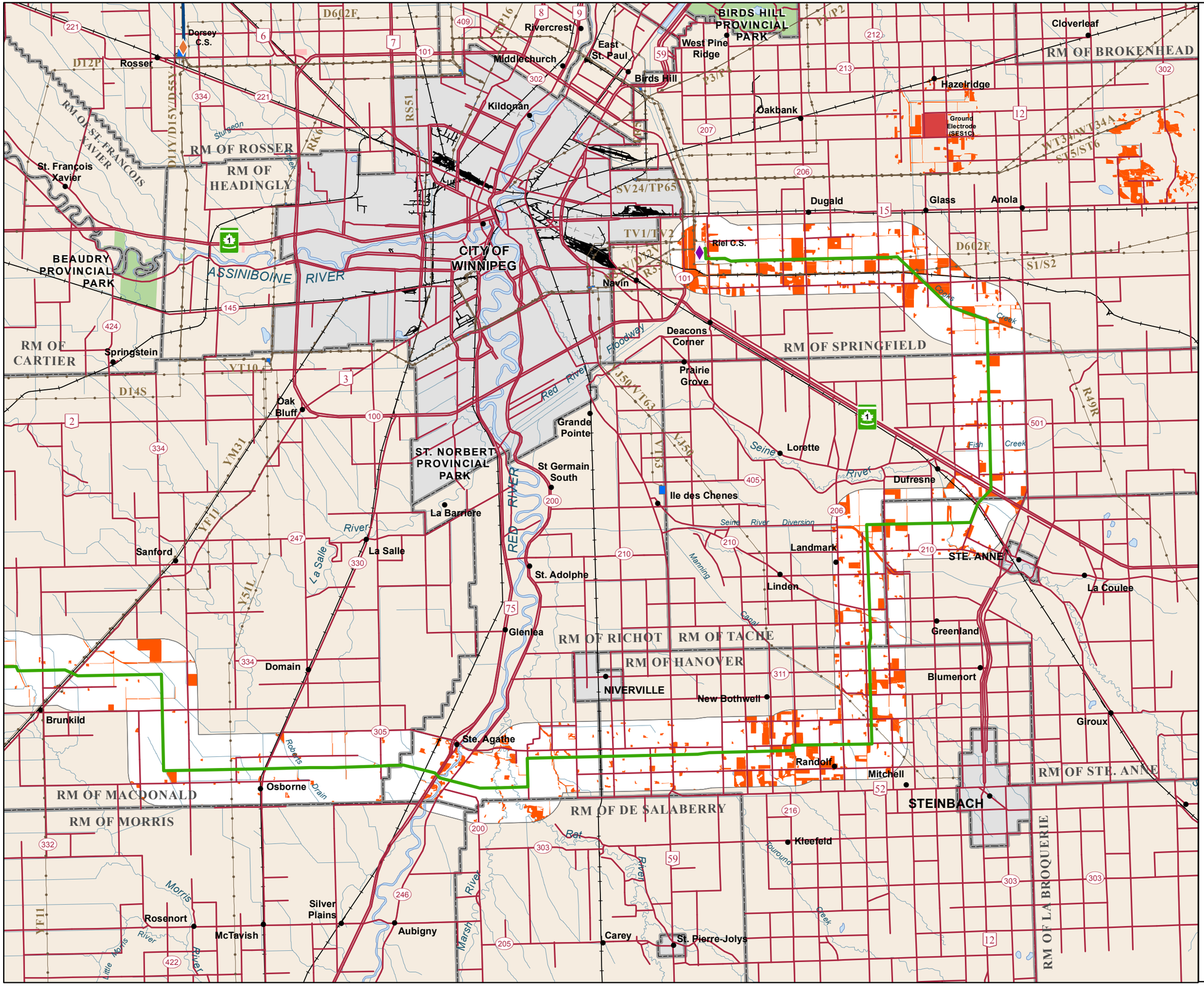
Coordinate System: UTM Zone 14N NAD83
Data Source: MBHydro, ProvMB, NRCAN, MMM, Stantec, WRCS, Joro
Date Created: July 25, 2011

N

0 5 10 Kilometres
0 3 6 Miles
1:250,000

Distribution of Modeled Burrowing Owl Habitat in the Local Study Area

Map 2200-16


BIRDS HILL PROVINCIAL PARK
West Pine Ridge
Cloverleaf
RM OF BROKENHEAD
Hazelridge
Oakbank
Ground Electrode (SES1C)
Dorsey C.S.
Rosser
Rivercrest
East St. Paul
Middlechurch
Birds Hill
Kildonan
RM OF ROSSER
RM OF HEADINGLY
RM OF ST. FRANCOIS XAVIER
St. Francois Xavier
Sturgeon Creek
Dugald
Glass
Anola
Riel C.S.
CITY OF WINNIPEG
BEAUDRY PROVINCIAL PARK
ASSINIBOINE RIVER
Navin
Deacons Corner
RM OF SPRINGFIELD
RM OF CARTIER
Springstein
Prairie Grove
Floodway
Red River
Oak Bluff
Grande Pointe
ST. NORBERT PROVINCIAL PARK
St Germain South
Lorette
Seine River
Dufresne
Fish Creek
Ile des Chenes
La Barriere
Sanford
La Salle
St. Adolphe
Landmark
Linden
STE. ANNE
La Coulee
Glenlea
RM OF RICHOT
RM OF TACHE
RM OF HANOVER
Greenland
Domain
NIVERVILLE
New Bothwell
Blumenort
Brunkild
Ste. Agathe
Giroux
Randolf
Mitchell
RM OF STE. ANNE
RM OF MACDONALD
Osborne
RM OF MORRIS
RM OF DE SALABERRY
STEINBACH
Kleefeld
Rosenort
McTavish
Silver Plains
Aubigny
Carey
St. Pierre-Jolys
RM OF LA BROQUERIE
Manitoba Hydro
Bipole III Transmission Project
Project Infrastructure
Final Preferred Route
Converter Station
Local Study Area
Infrastructure
Transmission Line
Bird Information
Burrowing Owl Modeled Habitat
Landbase
Community
City / Town
First Nation
National/Provincial Park
Provincial Forest
Wildlife Management Area
Coordinate System: UTM Zone 14N NAD83
Data Source: MBHydro, ProvMB, NRCAN, MMM, Stantec, WRCS, Joro
Date Created: July 25, 2011
N
0 5 10 Kilometres
0 3 6 Miles
1:250,000
Distribution of Modeled Burrowing Owl Habitat in the Local Study Area
Map 2200-17

Manitoba Hydro

Bipole III Transmission Project

Project Infrastructure
- Final Preferred Route
- Converter Station
- Local Study Area

Infrastructure
- Transmission Line

Bird Information
- Short-eared Owl Observation
- Short-eared Owl Modeled Habitat

Landbase
- Community
- City / Town
- First Nation
- National/Provincial Park
- Provincial Forest
- Wildlife Management Area

Coordinate System: UTM Zone 14N NAD83
Data Source: MBHydro, ProvMB, NRCAN, MMM, Stantec, WRCS, Joro
Date Created: July 25, 2011

N

0 5 10 Kilometres
0 3 6 Miles
1:250,000

Distribution of Modeled Short-eared Owl Habitat in the Local Study Area

Map 2300-01

Manitoba Hydro

Bipole III Transmission Project

Project Infrastructure

- Final Preferred Route
- Converter Station
- Local Study Area

Infrastructure

- Transmission Line

Bird Information

- Short-eared Owl Observation
- Short-eared Owl Modeled Habitat

Landbase

- Community
- City / Town
- First Nation
- National/Provincial Park
- Provincial Forest
- Wildlife Management Area

Coordinate System: UTM Zone 14N NAD83
Data Source: MBHydro, ProvMB, NRCAN, MMM, Stantec, WRCS, Joro
Date Created: July 25, 2011

N

0 5 10 Kilometres
0 3 6 Miles
1:250,000

Distribution of Modeled Short-eared Owl Habitat in the Local Study Area

Map 2300-02

Manitoba Hydro

Bipole III Transmission Project

Project Infrastructure

- Final Preferred Route
- Converter Station
- Local Study Area

Infrastructure

- Transmission Line

Bird Information

- Short-eared Owl Observation
- Short-eared Owl Modeled Habitat

Landbase

- Community
- City / Town
- First Nation
- National/Provincial Park
- Provincial Forest
- Wildlife Management Area

Coordinate System: UTM Zone 14N NAD83
Data Source: MBHydro, ProvMB, NRCAN, MMM, Stantec, WRCS, Joro
Date Created: July 25, 2011

N

0 5 10 Kilometres
0 3 6 Miles

1:250,000

Distribution of Modeled Short-eared Owl Habitat in the Local Study Area

Map 2300-03

Manitoba Hydro

Bipole III Transmission Project

Project Infrastructure

- Final Preferred Route
- Converter Station
- Local Study Area

Infrastructure

- Transmission Line

Bird Information

- Short-eared Owl Observation
- Short-eared Owl Modeled Habitat

Landbase

- Community
- City / Town
- First Nation
- National/Provincial Park
- Provincial Forest
- Wildlife Management Area

Coordinate System: UTM Zone 14N NAD83
Data Source: MBHydro, ProvMB, NRCAN, MMM, Stantec, WRCS, Joro
Date Created: July 25, 2011

N

0 5 10 Kilometres
0 3 6 Miles
1:250,000

Distribution of Modeled Short-eared Owl Habitat in the Local Study Area

Map 2300-04

Manitoba Hydro

Bipole III Transmission Project

Project Infrastructure

- Final Preferred Route
- Converter Station
- Local Study Area

Infrastructure

- Transmission Line

Bird Information

- Short-eared Owl Observation
- Short-eared Owl Modeled Habitat

Landbase

- Community
- City / Town
- First Nation
- National/Provincial Park
- Provincial Forest
- Wildlife Management Area

Coordinate System: UTM Zone 14N NAD83
Data Source: MBHydro, ProvMB, NRCAN, MMM, Stantec, WRCS, Joro
Date Created: July 25, 2011

N

0 5 10 Kilometres
0 3 6 Miles

1:250,000

Distribution of Modeled Short-eared Owl Habitat in the Local Study Area

Map 2300-05

Manitoba Hydro

Bipole III Transmission Project

Project Infrastructure

- Final Preferred Route
- Converter Station
- Local Study Area

Infrastructure

- Transmission Line

Bird Information

- Short-eared Owl Observation
- Short-eared Owl Modeled Habitat

Landbase

- Community
- City / Town
- First Nation
- National/Provincial Park
- Provincial Forest
- Wildlife Management Area

Coordinate System: UTM Zone 14N NAD83
Data Source: MBHydro, ProvMB, NRCAN, MMM, Stantec, WRCS, Joro
Date Created: July 25, 2011

N

0 5 10 Kilometres
0 3 6 Miles

1:250,000

Distribution of Modeled Short-eared Owl Habitat in the Local Study Area

Map 2300-06

Manitoba Hydro

Bipole III Transmission Project

Project Infrastructure

- Final Preferred Route
- Converter Station
- Local Study Area

Infrastructure

- Transmission Line

Bird Information

- Short-eared Owl Observation
- Short-eared Owl Modeled Habitat

Landbase

- Community
- City / Town
- First Nation
- National/Provincial Park
- Provincial Forest
- Wildlife Management Area

Coordinate System: UTM Zone 14N NAD83
Data Source: MBHydro, ProvMB, NRCAN, MMM, Stantec, WRCS, Joro
Date Created: July 25, 2011

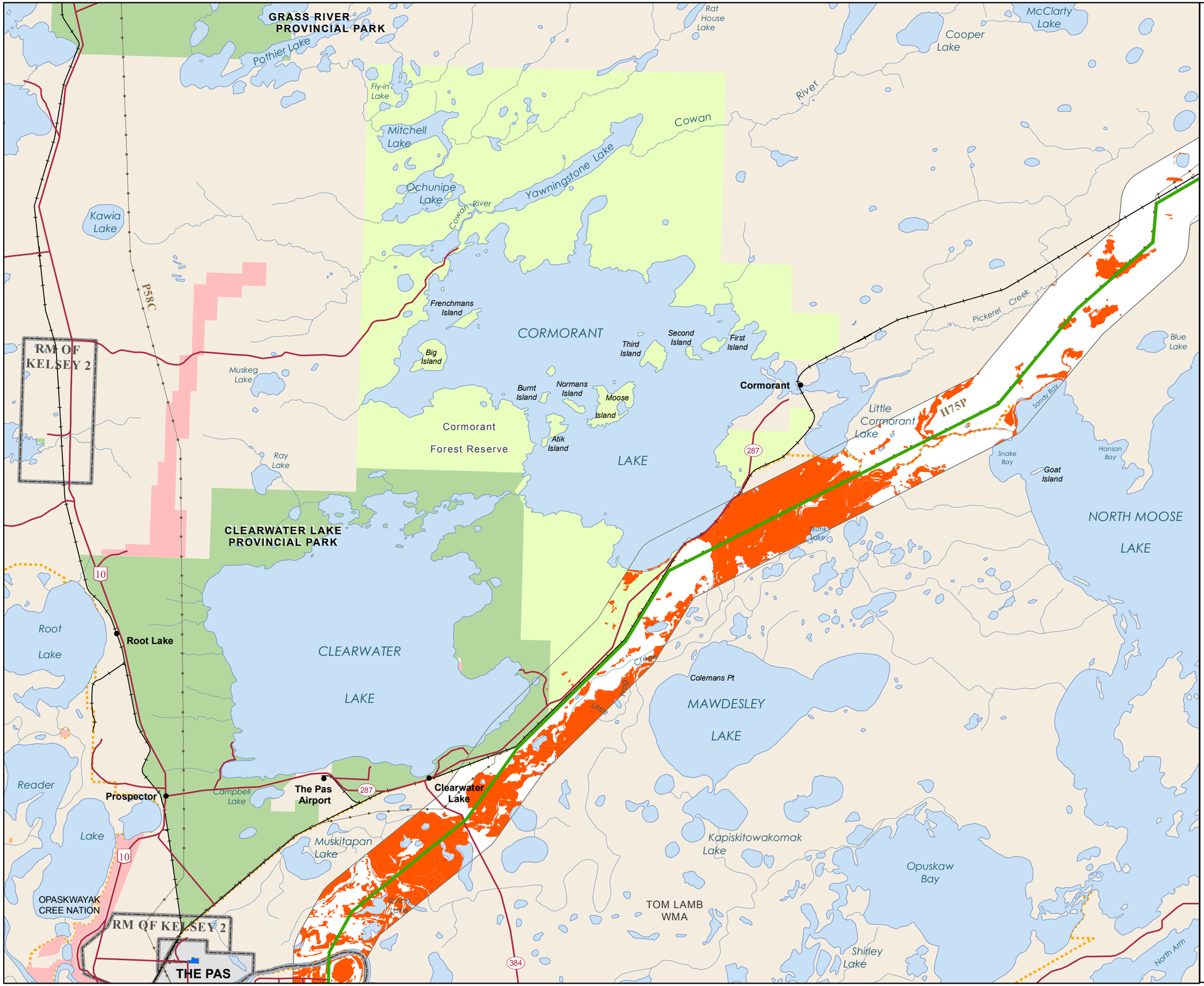
N

0 5 10 Kilometres
0 3 6 Miles

1:250,000

Distribution of Modeled Short-eared Owl Habitat in the Local Study Area

Map 2300-07



Manitoba Hydro

Bipole III Transmission Project

Project Infrastructure
- Final Preferred Route
- Converter Station
- Local Study Area

Infrastructure
- Transmission Line

Bird Information
- Short-eared Owl Observation
- Short-eared Owl Modeled Habitat

Landbase
- Community
- City / Town
- First Nation
- National/Provincial Park
- Provincial Forest
- Wildlife Management Area

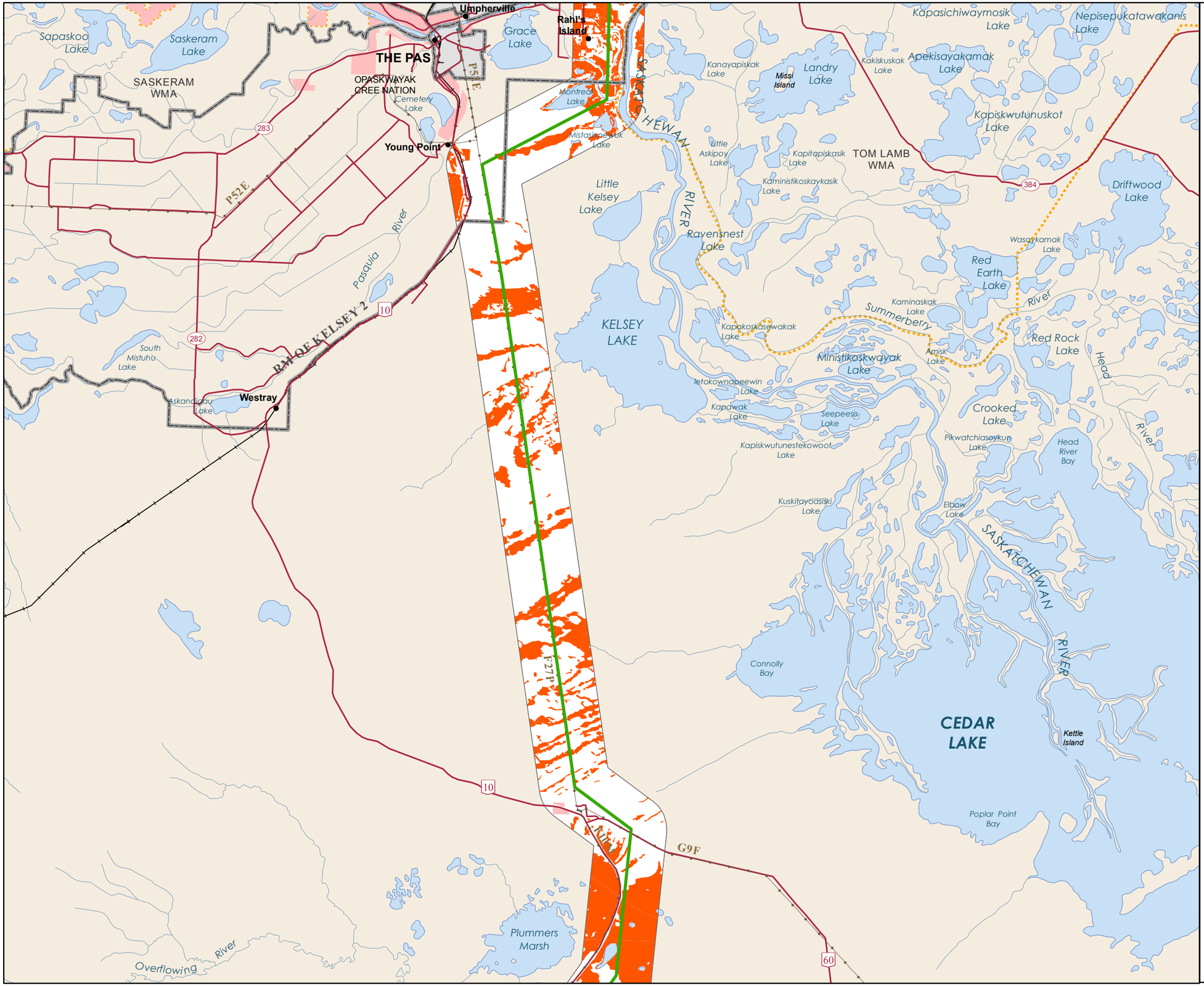
Coordinate System: UTM Zone 14N NAD83
Data Source: MBHydro, ProvMB, NRCAN, MMM, Stantec, WRCS, Joro
Date Created: July 25, 2011

N

0 5 10 Kilometres
0 3 6 Miles
1:250,000

Distribution of Modeled Short-eared Owl Habitat in the Local Study Area

Map 2300-08



Manitoba Hydro

Bipole III Transmission Project

Project Infrastructure
- Final Preferred Route
- Converter Station
- Local Study Area

Infrastructure
- Transmission Line

Bird Information
- Short-eared Owl Observation
- Short-eared Owl Modeled Habitat

Landbase
- Community
- City / Town
- First Nation
- National/Provincial Park
- Provincial Forest
- Wildlife Management Area

Coordinate System: UTM Zone 14N NAD83
Data Source: MBHydro, ProvMB, NRCAN, MMM, Stantec, WRCS, Joro
Date Created: July 25, 2011

N

0 5 10 Kilometres
0 3 6 Miles
1:250,000

Distribution of Modeled Short-eared Owl Habitat in the Local Study Area

Map 2300-09

Manitoba Hydro

Bipole III Transmission Project

Project Infrastructure
- Final Preferred Route
- Converter Station
- Local Study Area

Infrastructure
- Transmission Line

Bird Information
- Short-eared Owl Observation
- Short-eared Owl Modeled Habitat

Landbase
- Community
- City / Town
- First Nation
- National/Provincial Park
- Provincial Forest
- Wildlife Management Area

OVERFLOWING RIVER PROVINCIAL PARK
RED DEER RIVER PROVINCIAL PARK
STEEPROCK WMA
RM OF MOUNTAIN NORTH
SAPOTAWEYAK CREE NATION
Swan-Pelican Forest Reserve
Porcupine Forest Reserve
RED DEER LAKE
DAWSON BAY (LAKE WINNIPEGOSIS)
Overflow Bay
Bell River Bay
Cameron Bay
Dawson Bay
Red Deer Lake
National Mills
Barrows
Powell
Baden
Mafeking
Pelican Rapids
Shoal River
Whitefish Point
Birch Point
Rowan Island
Graves Point
Spruce Island
Big Shannon Island
The Bluff
Smith Point
The Big Rock
Sugar Island
Mason Island
Simons Island
Archies Island
Dog Island
Willow Point
Santon River
Overflowing River
Red Deer River
Grassy River
Deer River
Armit River
Woody River
Little River
Rice River
Steeprock River
Mafeking Creek
Shoal River
10
60
77
483
F10M
G9F

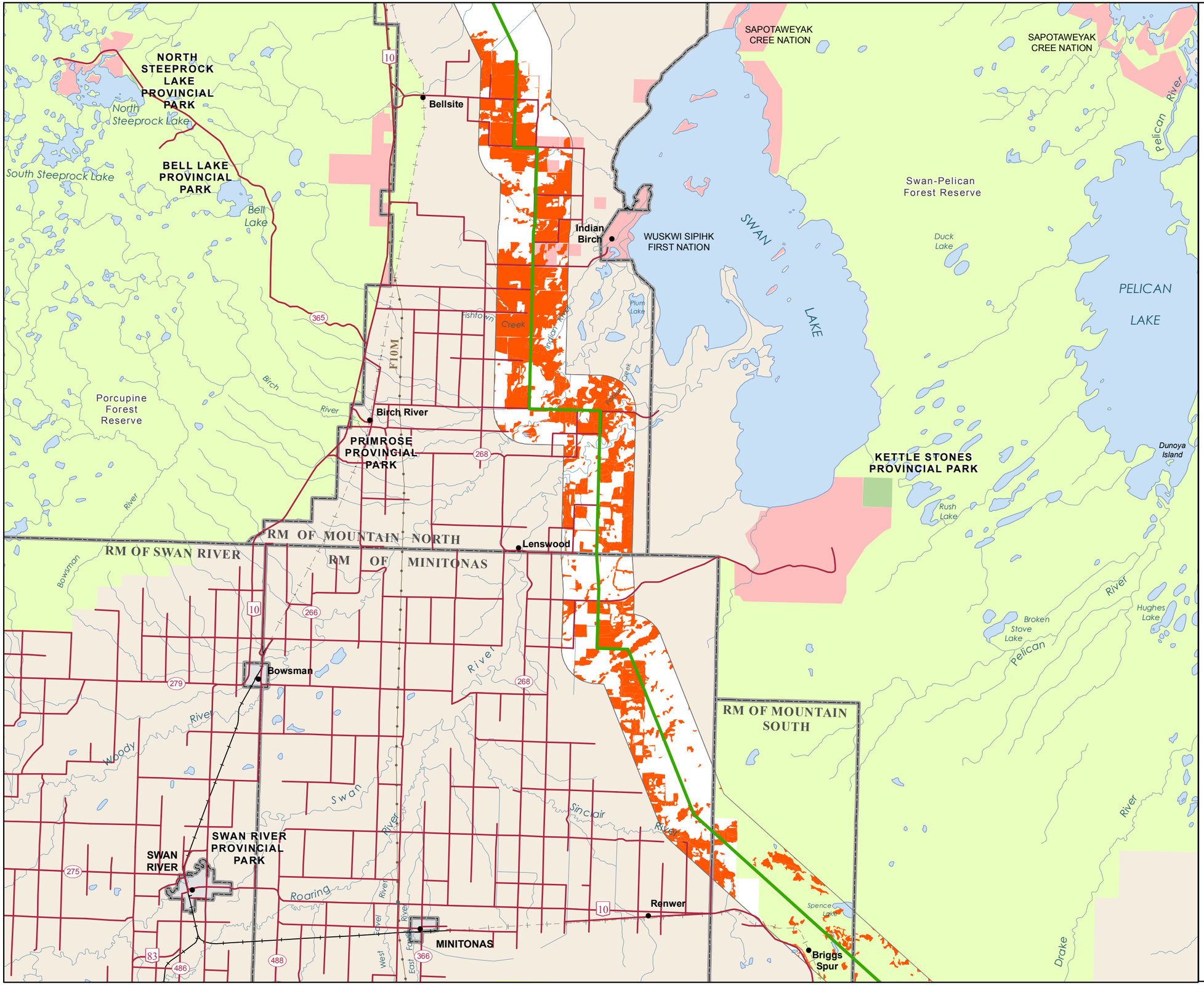
Coordinate System: UTM Zone 14N NAD83
Data Source: MBHydro, ProvMB, NRCAN, MMM, Stantec, WRCS, Joro
Date Created: July 25, 2011

N

0 5 10 Kilometres
0 3 6 Miles
1:250,000

Distribution of Modeled Short-eared Owl Habitat in the Local Study Area

Map 2300-10



Manitoba Hydro

Bipole III Transmission Project

Project Infrastructure
- Final Preferred Route
- Converter Station
- Local Study Area

Infrastructure
- Transmission Line

Bird Information
- Short-eared Owl Observation
- Short-eared Owl Modeled Habitat

Landbase
- Community
- City / Town
- First Nation
- National/Provincial Park
- Provincial Forest
- Wildlife Management Area

Coordinate System: UTM Zone 14N NAD83
Data Source: MBHydro, ProvMB, NRCAN, MMM, Stantec, WRCS, Joro
Date Created: July 25, 2011

N

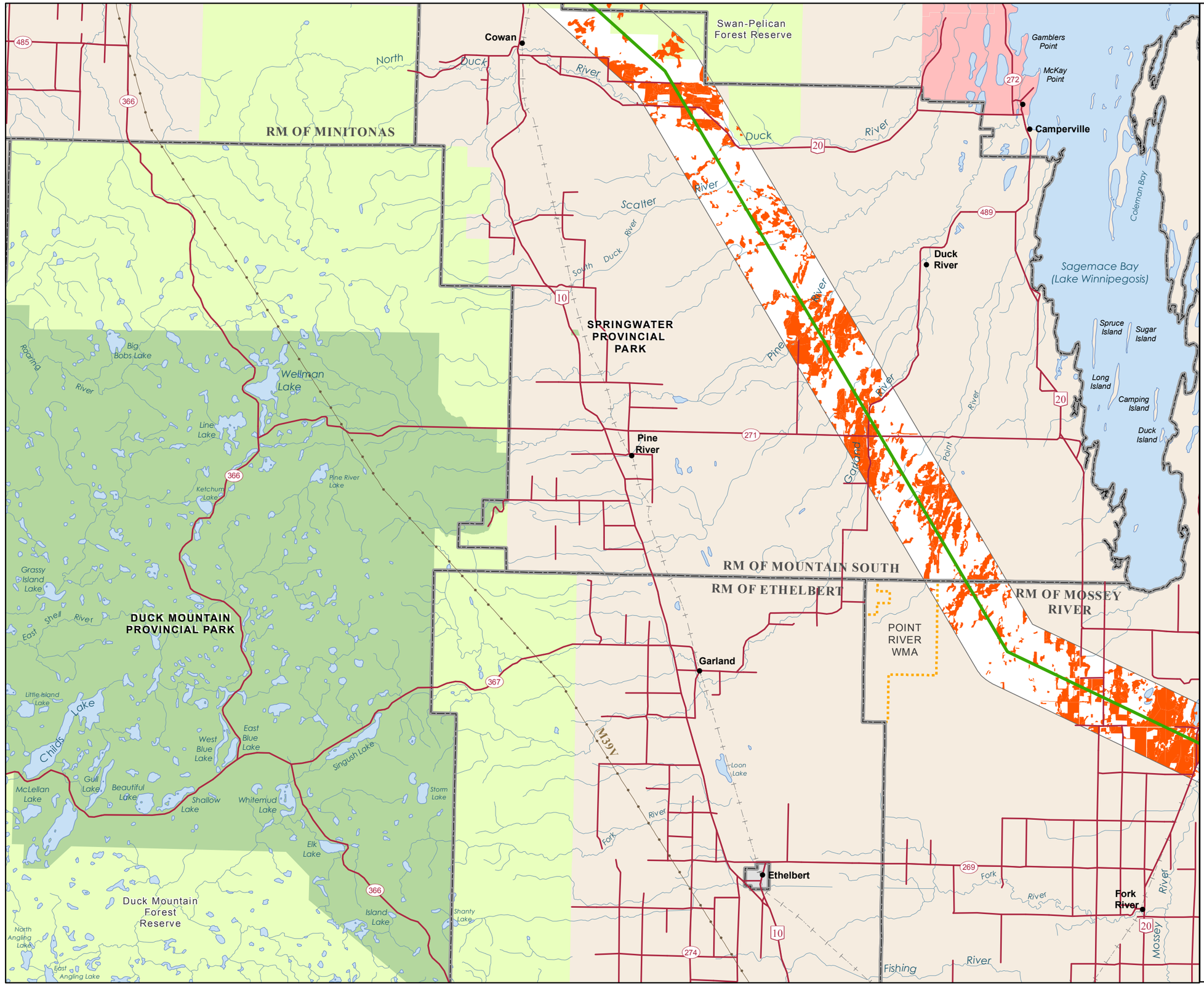
0 5 10 Kilometres
0 3 6 Miles
1:250,000

Distribution of Modeled Short-eared Owl Habitat in the Local Study Area

Map 2300-11

Manitoba Hydro

Bipole III Transmission Project



Project Infrastructure

- Final Preferred Route
- Converter Station
- Local Study Area

Infrastructure

- Transmission Line

Bird Information

- Short-eared Owl Observation
- Short-eared Owl Modeled Habitat

Landbase

- Community
- City / Town
- First Nation
- National/Provincial Park
- Provincial Forest
- Wildlife Management Area

Coordinate System: UTM Zone 14N NAD83
Data Source: MBHydro, ProvMB, NRCAN, MMM, Stantec, WRCS, Joro
Date Created: July 25, 2011

N

0 5 10 Kilometres
0 3 6 Miles

1:250,000

Distribution of Modeled Short-eared Owl Habitat in the Local Study Area

Map 2300-12

Manitoba Hydro

Bipole III Transmission Project

Project Infrastructure
- Final Preferred Route
- Converter Station
- Local Study Area

Infrastructure
- Transmission Line

Bird Information
- Short-eared Owl Observation
- Short-eared Owl Modeled Habitat

Landbase
- Community
- City / Town
- First Nation
- National/Provincial Park
- Provincial Forest
- Wildlife Management Area

Coordinate System: UTM Zone 14N NAD83
Data Source: MBHydro, ProvMB, NRCAN, MMM, Stantec, WRCS, Joro
Date Created: July 25, 2011

N

0 5 10 Kilometres
0 3 6 Miles
1:250,000

Distribution of Modeled Short-eared Owl Habitat in the Local Study Area

Map 2300-13

Manitoba Hydro

Bipole III Transmission Project

Project Infrastructure

- Final Preferred Route
- Converter Station
- Local Study Area

Infrastructure

- Transmission Line

Bird Information

- Short-eared Owl Observation
- Short-eared Owl Modeled Habitat

Landbase

- Community
- City / Town
- First Nation
- National/Provincial Park
- Provincial Forest
- Wildlife Management Area

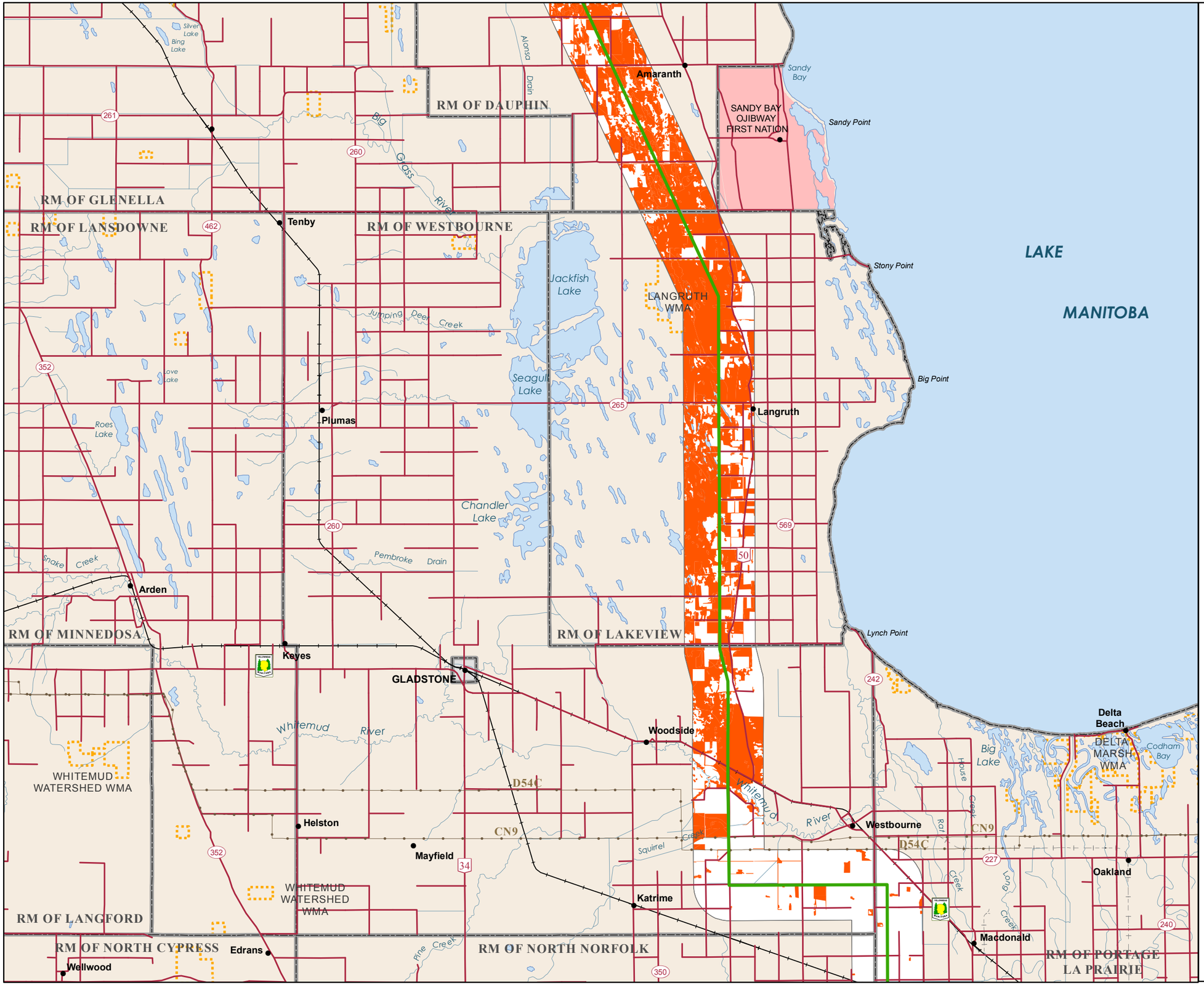
Coordinate System: UTM Zone 14N NAD83
Data Source: MBHydro, ProvMB, NRCAN, MMM, Stantec, WRCS, Joro
Date Created: July 25, 2011

N

0 5 10 Kilometres
0 3 6 Miles
1:250,000

Distribution of Modeled Short-eared Owl Habitat in the Local Study Area

Map 2300-14



Manitoba Hydro

Bipole III Transmission Project

Project Infrastructure
- Final Preferred Route
- Converter Station
- Local Study Area

Infrastructure
- Transmission Line

Bird Information
- Short-eared Owl Observation
- Short-eared Owl Modeled Habitat

Landbase
- Community
- City / Town
- First Nation
- National/Provincial Park
- Provincial Forest
- Wildlife Management Area

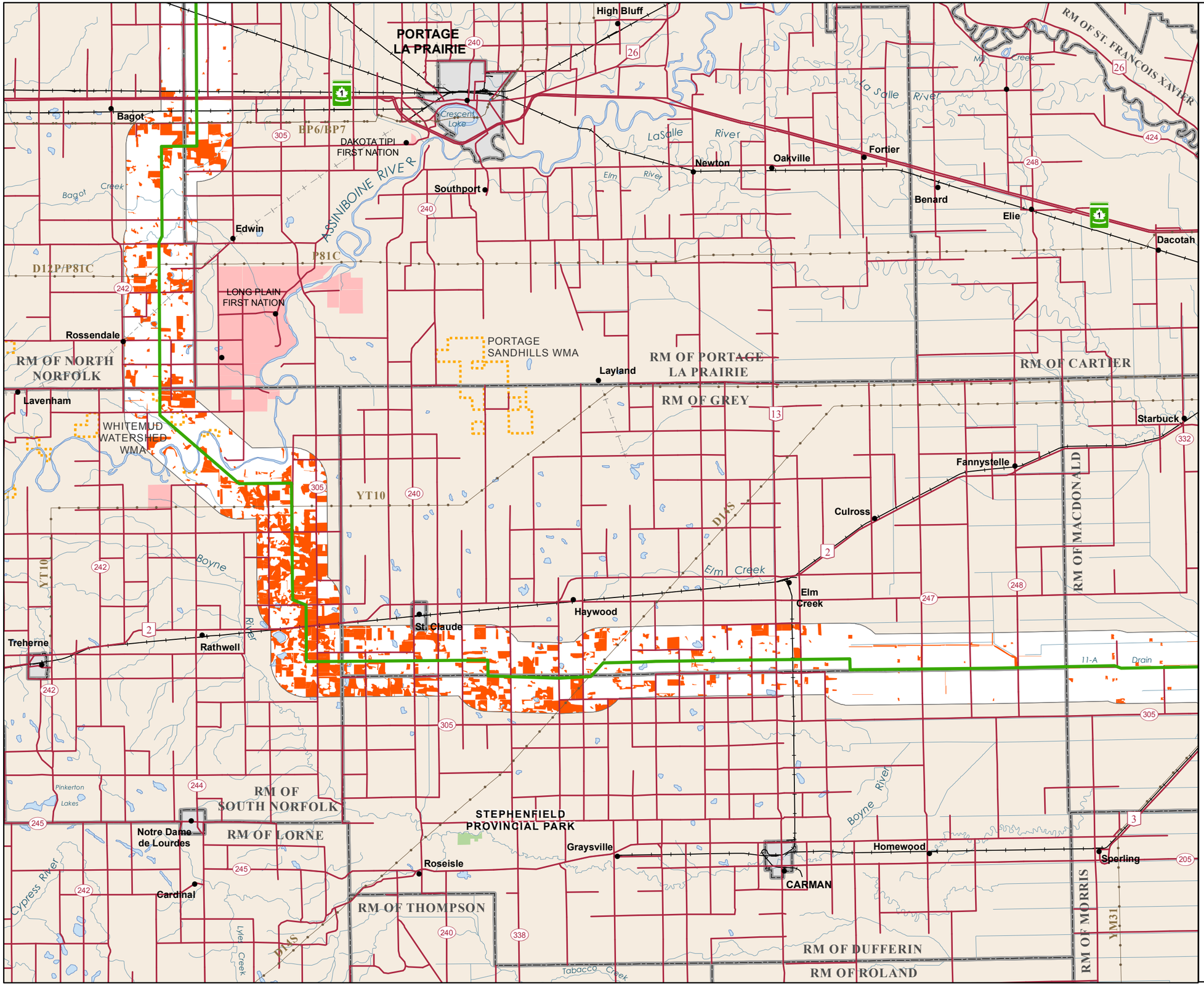
Coordinate System: UTM Zone 14N NAD83
Data Source: MBHydro, ProvMB, NRCAN, MMM, Stantec, WRCS, Joro
Date Created: July 25, 2011

N

0 5 10 Kilometres
0 3 6 Miles
1:250,000

Distribution of Modeled Short-eared Owl Habitat in the Local Study Area

Map 2300-15



Manitoba Hydro

Bipole III Transmission Project

Project Infrastructure
- Final Preferred Route
- Converter Station
- Local Study Area

Infrastructure
- Transmission Line

Bird Information
- Short-eared Owl Observation
- Short-eared Owl Modeled Habitat

Landbase
- Community
- City / Town
- First Nation
- National/Provincial Park
- Provincial Forest
- Wildlife Management Area

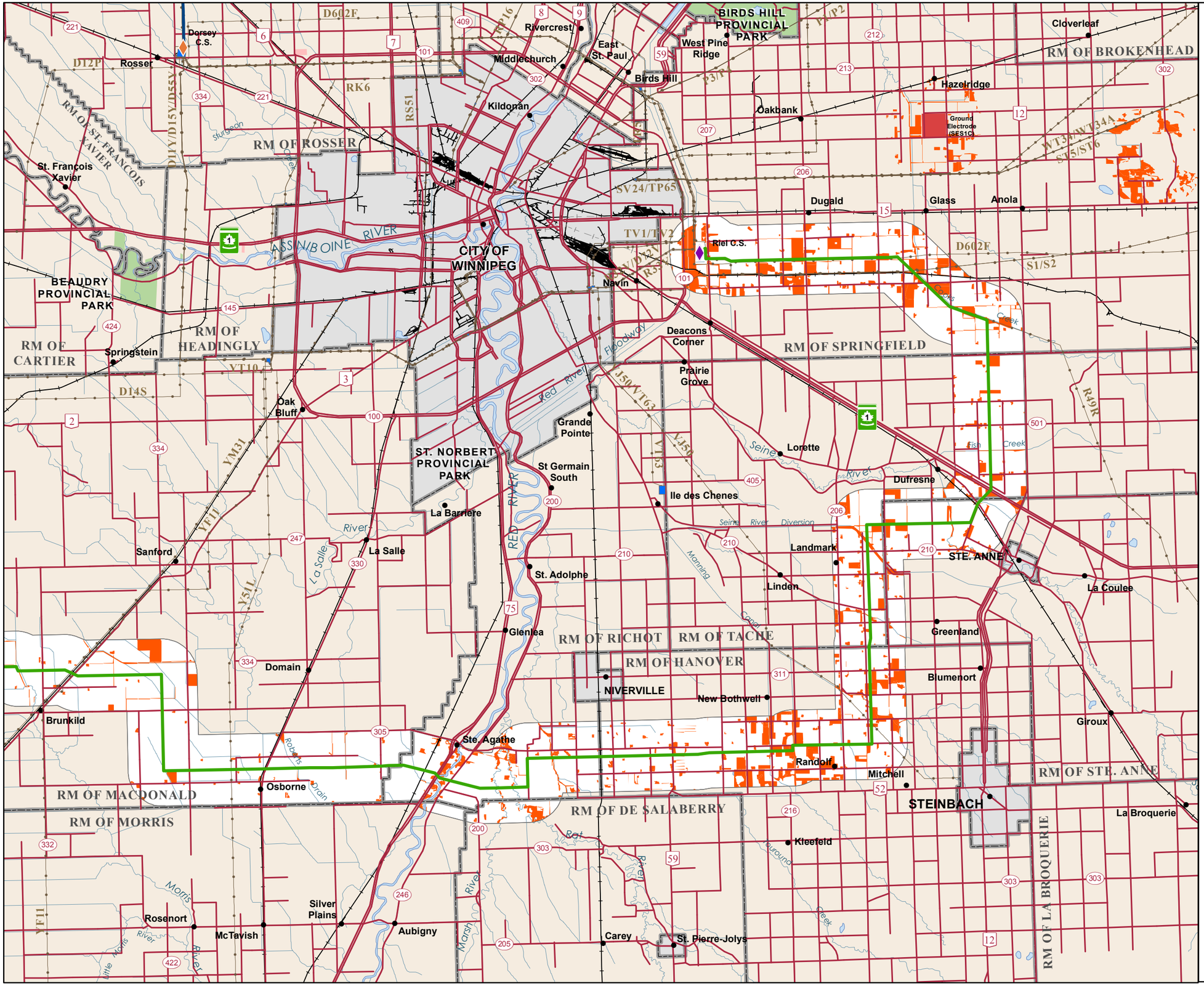
Coordinate System: UTM Zone 14N NAD83
Data Source: MBHydro, ProvMB, NRCAN, MMM, Stantec, WRCS, Joro
Date Created: July 25, 2011

N

0 5 10 Kilometres
0 3 6 Miles
1:250,000

Distribution of Modeled Short-eared Owl Habitat in the Local Study Area

Map 2300-16



Manitoba Hydro

Bipole III Transmission Project

Project Infrastructure
- Final Preferred Route
- Converter Station
- Local Study Area

Infrastructure
- Transmission Line

Bird Information
- Short-eared Owl Observation
- Short-eared Owl Modeled Habitat

Landbase
- Community
- City / Town
- First Nation
- National/Provincial Park
- Provincial Forest
- Wildlife Management Area

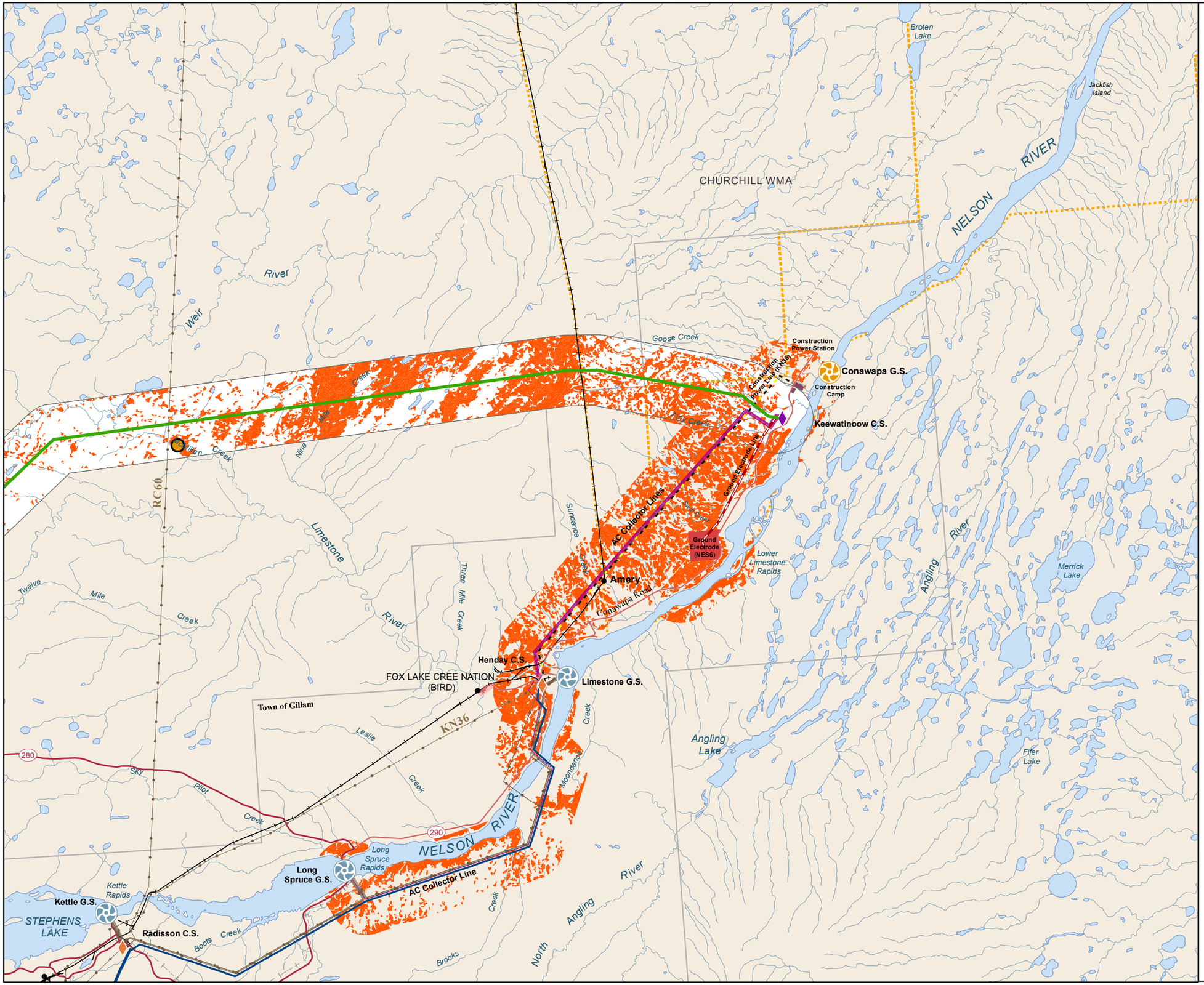
Coordinate System: UTM Zone 14N NAD83
Data Source: MBHydro, ProvMB, NRCAN, MMM, Stantec, WRCS, Joro
Date Created: July 25, 2011

N

0 5 10 Kilometres
0 3 6 Miles
1:250,000

Distribution of Modeled Short-eared Owl Habitat in the Local Study Area

Map 2300-17



Manitoba Hydro

Bipole III Transmission Project

Project Infrastructure
- Final Preferred Route
- Converter Station
- AC Collector Line
- Ground Electrode Line
- Construction Power (KN36)
- Construction Camp Site
- Ground Electrode Site
- Construction Power Site
- Local Study Area

Infrastructure
- Converter Station
- Generating Station (Proposed)
- Generating Station
- Transmission Line
- Bipole I and II

Bird Information
- Common Nighthawk Survey Observations
- Common Nighthawk Modeled Habitat

Landbase
- Community
- City / Town
- First Nation
- National/Provincial Park
- Provincial Forest
- Wildlife Management Area

Coordinate System: UTM Zone 14N NAD83
Data Source: MBHydro, ProvMB, NRCAN, MMM, Stantec, WRCS, Joro
Date Created: July 25, 2011

N

0 5 10 Kilometres
0 3 6 Miles
1:250,000

Distribution of Modeled Common Nighthawk Habitat in the Local Study Area

Map 2400-01

Manitoba Hydro

Bipole III Transmission Project

Project Infrastructure

- Final Preferred Route
- Converter Station
- Local Study Area

Infrastructure

- Converter Station
- Generating Station (Proposed)
- Generating Station
- Transmission Line
- Bipole I and II

Bird Information

- Common Nighthawk Survey Observations
- Common Nighthawk Modeled Habitat

Landbase

- Community
- City / Town
- First Nation
- National/Provincial Park
- Provincial Forest
- Wildlife Management Area

Coordinate System: UTM Zone 14N NAD83
Data Source: MBHydro, ProvMB, NRCAN, MMM, Stantec, WRCS, Joro
Date Created: July 25, 2011

N

0 5 10 Kilometres
0 3 6 Miles
1:250,000

Distribution of Modeled Common Nighthawk Habitat in the Local Study Area

Map 2400-02

Manitoba Hydro

Bipole III Transmission Project

Project Infrastructure

- Final Preferred Route
- Converter Station
- Local Study Area

Infrastructure

- Transmission Line

Bird Information

- Common Nighthawk Survey Observations
- Common Nighthawk Modeled Habitat

Landbase

- Community
- City / Town
- First Nation
- National/Provincial Park
- Provincial Forest
- Wildlife Management Area

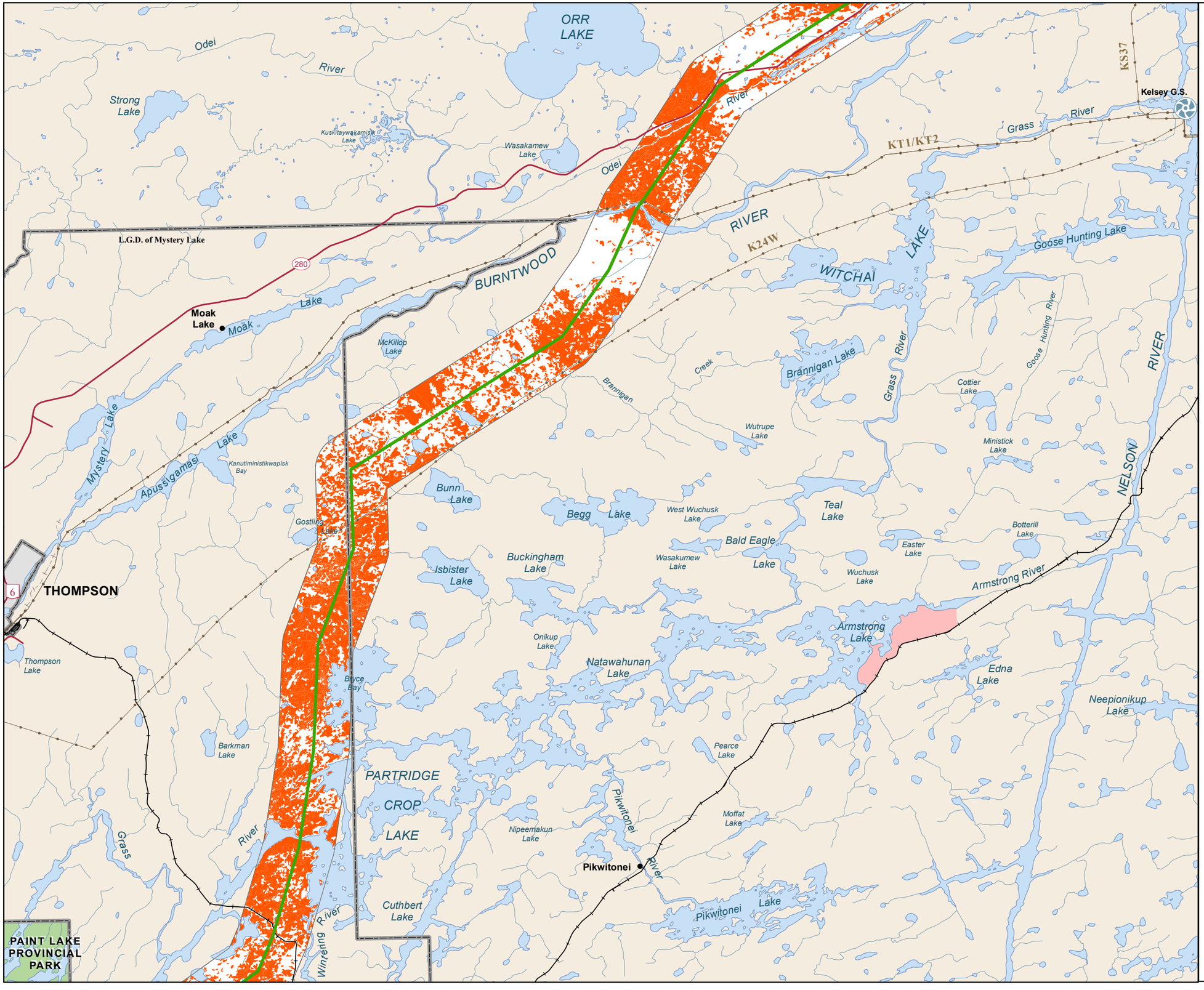
Coordinate System: UTM Zone 14N NAD83
Data Source: MBHydro, ProvMB, NRCAN, MMM, Stantec, WRCS, Joro
Date Created: July 25, 2011

N

0 5 10 Kilometres
0 3 6 Miles
1:250,000

Distribution of Modeled Common Nighthawk Habitat in the Local Study Area

Map 2400-03



Manitoba Hydro

Bipole III Transmission Project

Project Infrastructure
- Final Preferred Route
- Converter Station
- Local Study Area

Infrastructure
- Transmission Line

Bird Information
- Common Nighthawk Survey Observations
- Common Nighthawk Modeled Habitat

Landbase
- Community
- City / Town
- First Nation
- National/Provincial Park
- Provincial Forest
- Wildlife Management Area

Coordinate System: UTM Zone 14N NAD83
Data Source: MBHydro, ProvMB, NRCAN, MMM, Stantec, WRCS, Joro
Date Created: July 25, 2011

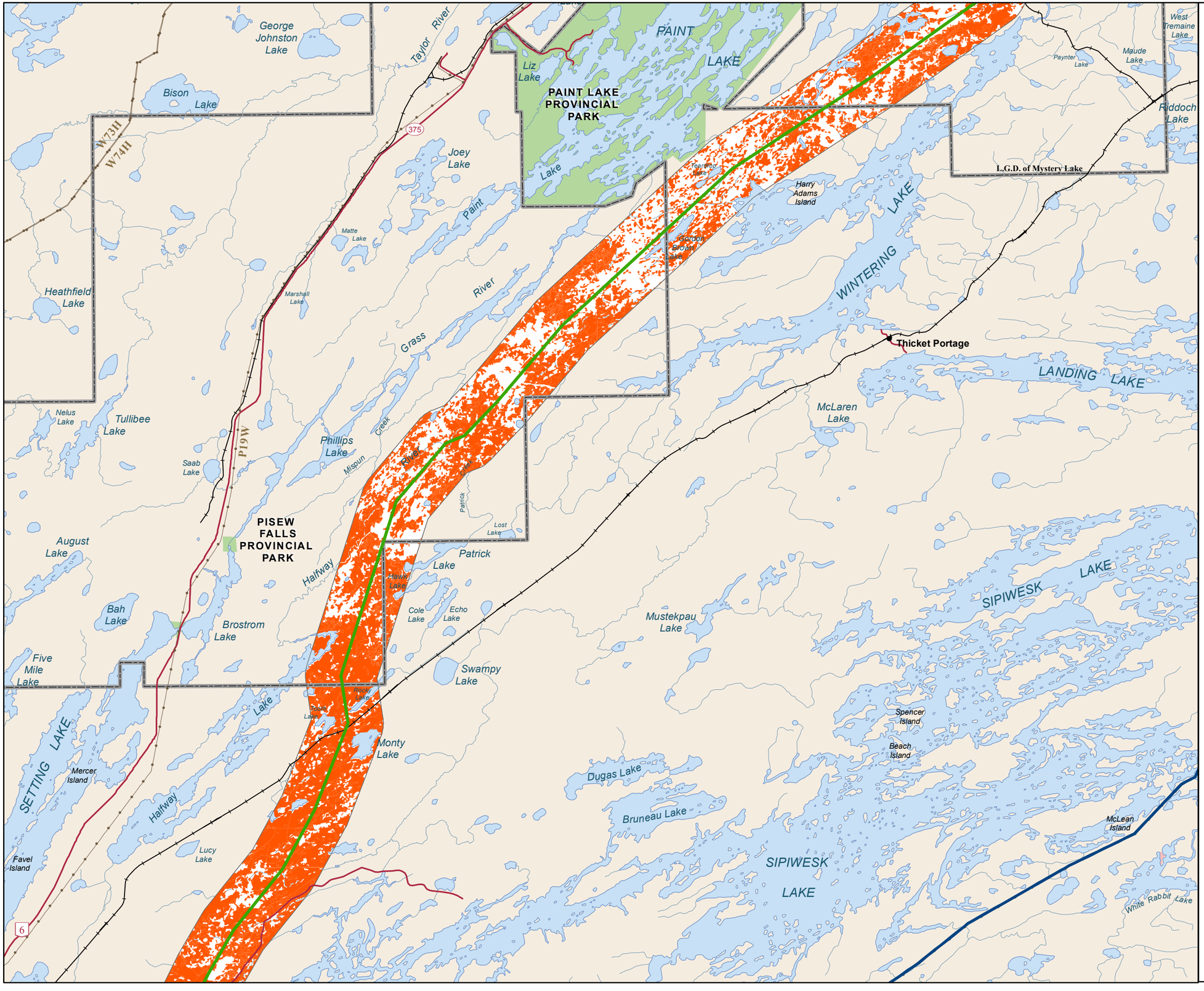
N

0 5 10 Kilometres
0 3 6 Miles

1:250,000

Distribution of Modeled Common Nighthawk Habitat in the Local Study Area

Map 2400-04



Manitoba Hydro

Bipole III Transmission Project

Project Infrastructure
- Final Preferred Route
- Converter Station
- Local Study Area

Infrastructure
- Transmission Line

Bird Information
- Common Nighthawk Survey Observations
- Common Nighthawk Modeled Habitat

Landbase
- Community
- City / Town
- First Nation
- National/Provincial Park
- Provincial Forest
- Wildlife Management Area

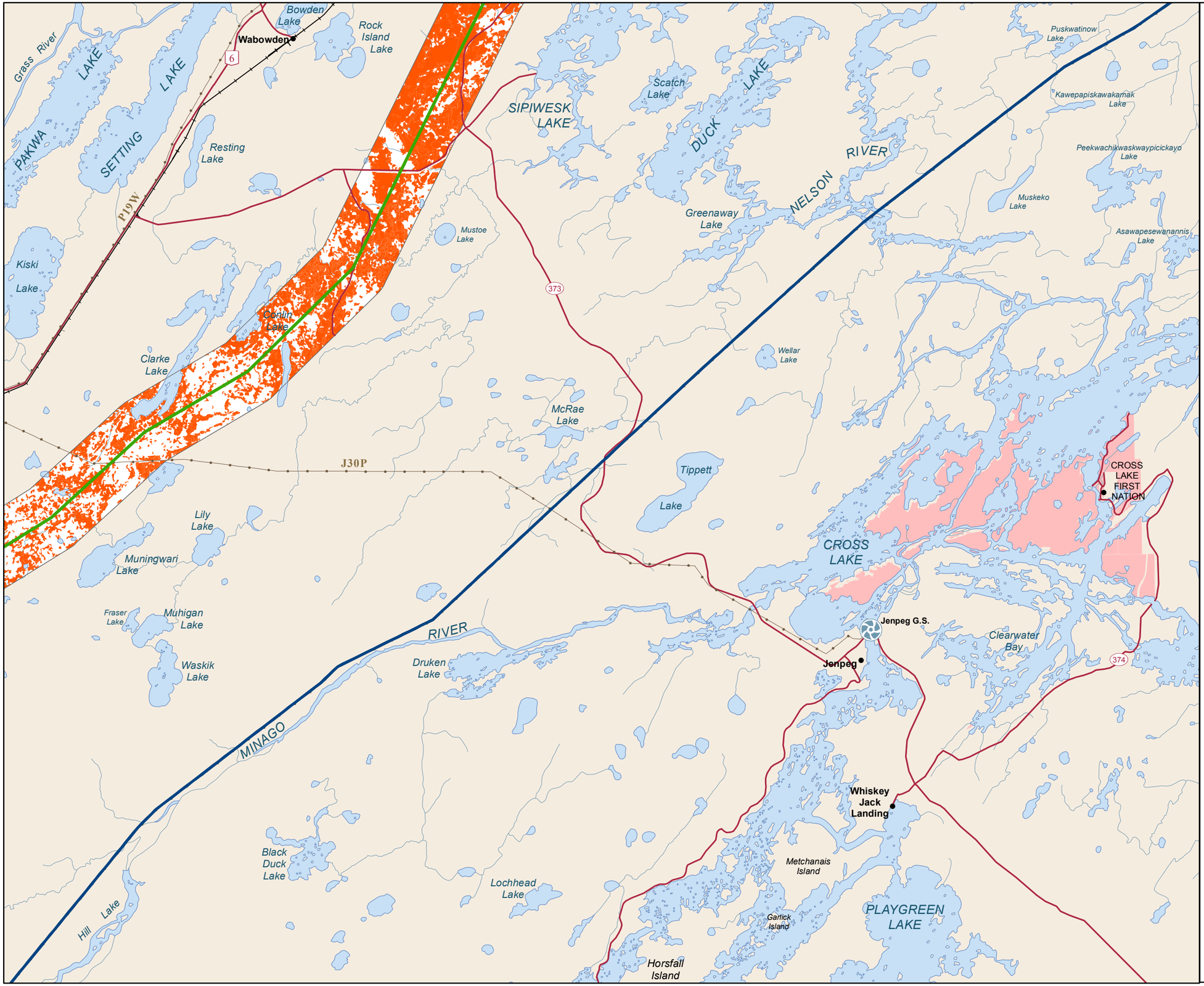
Coordinate System: UTM Zone 14N NAD83
Data Source: MBHydro, ProvMB, NRCAN, MMM, Stantec, WRCS, Joro
Date Created: July 25, 2011

N

0 5 10 Kilometres
0 3 6 Miles
1:250,000

Distribution of Modeled Common Nighthawk Habitat in the Local Study Area

Map 2400-05



Manitoba Hydro

Bipole III Transmission Project

Project Infrastructure
- Final Preferred Route
- Converter Station
- Local Study Area

Infrastructure
- Transmission Line

Bird Information
- Common Nighthawk Survey Observations
- Common Nighthawk Modeled Habitat

Landbase
- Community
- City / Town
- First Nation
- National/Provincial Park
- Provincial Forest
- Wildlife Management Area

Coordinate System: UTM Zone 14N NAD83
Data Source: MBHydro, ProvMB, NRCAN, MMM, Stantec, WRCS, Joro
Date Created: July 25, 2011

N

0 5 10 Kilometres
0 3 6 Miles
1:250,000

Distribution of Modeled Common Nighthawk Habitat in the Local Study Area

Map 2400-06

Manitoba Hydro

Bipole III Transmission Project

Project Infrastructure

- Final Preferred Route
- Converter Station
- Local Study Area

Infrastructure

- Transmission Line

Bird Information

- Common Nighthawk Survey Observations
- Common Nighthawk Modeled Habitat

Landbase

- Community
- City / Town
- First Nation
- National/Provincial Park
- Provincial Forest
- Wildlife Management Area

Coordinate System: UTM Zone 14N NAD83
Data Source: MBHydro, ProvMB, NRCAN, MMM, Stantec, WRCS, Joro
Date Created: July 25, 2011

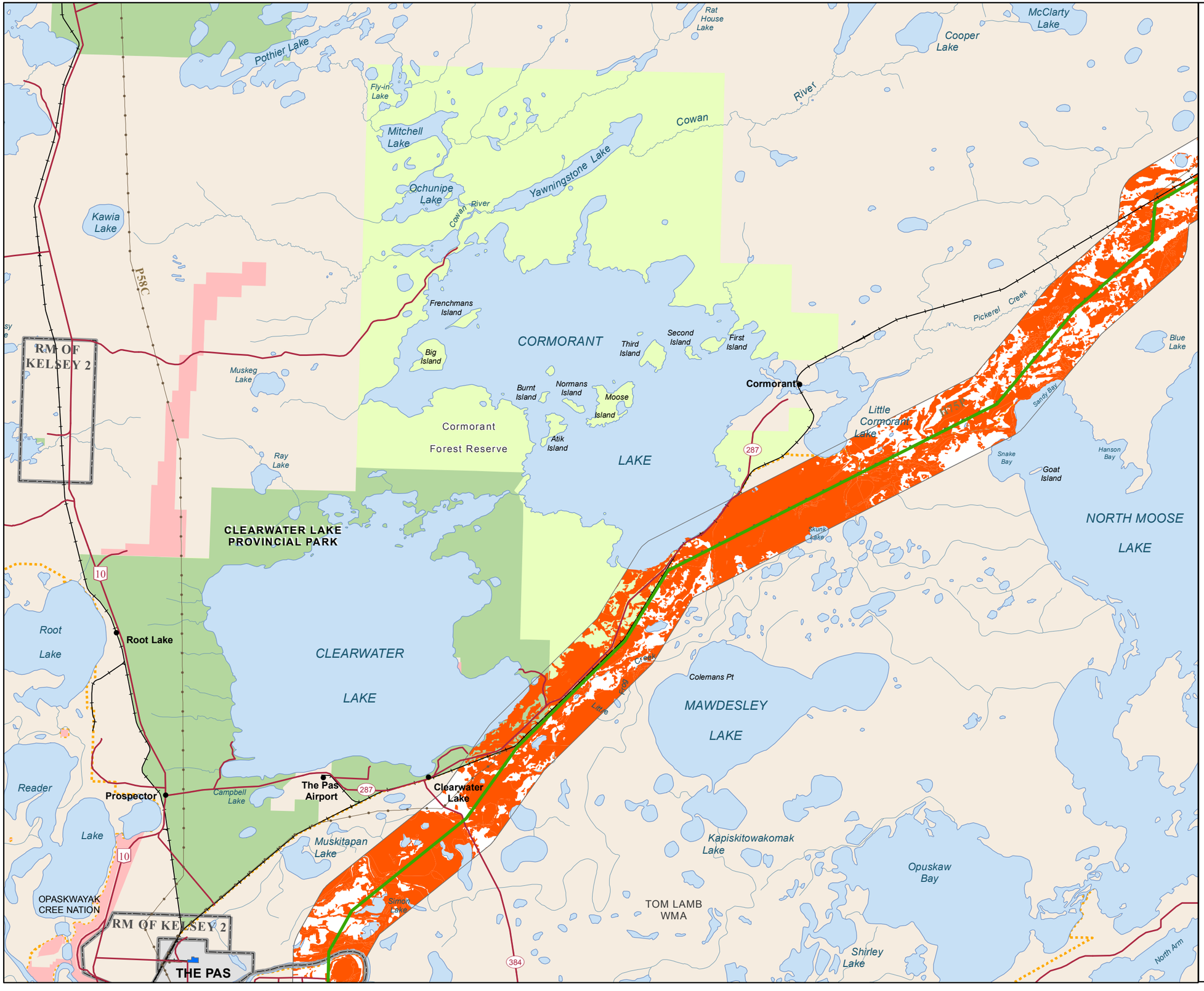
N

0 5 10 Kilometres
0 3 6 Miles

1:250,000

Distribution of Modeled Common Nighthawk Habitat in the Local Study Area

Map 2400-07



Manitoba Hydro

Bipole III Transmission Project

Project Infrastructure
- Final Preferred Route
- Converter Station
- Local Study Area

Infrastructure
- Transmission Line

Bird Information
- Common Nighthawk Survey Observations
- Common Nighthawk Modeled Habitat

Landbase
- Community
- City / Town
- First Nation
- National/Provincial Park
- Provincial Forest
- Wildlife Management Area

Coordinate System: UTM Zone 14N NAD83
Data Source: MBHydro, ProvMB, NRCAN, MMM, Stantec, WRCS, Joro
Date Created: July 25, 2011

N

0 5 10 Kilometres
0 3 6 Miles
1:250,000

Distribution of Modeled Common Nighthawk Habitat in the Local Study Area

Map 2400-08

Manitoba Hydro

Bipole III Transmission Project

Project Infrastructure

- Final Preferred Route
- Converter Station
- Local Study Area

Infrastructure

- Transmission Line

Bird Information

- Common Nighthawk Survey Observations
- Common Nighthawk Modeled Habitat

Landbase

- Community
- City / Town
- First Nation
- National/Provincial Park
- Provincial Forest
- Wildlife Management Area

Coordinate System: UTM Zone 14N NAD83
Data Source: MBHydro, ProvMB, NRCAN, MMM, Stantec, WRCS, Joro
Date Created: July 25, 2011

N

0 5 10 Kilometres
0 3 6 Miles

1:250,000

Distribution of Modeled Common Nighthawk Habitat in the Local Study Area

Map 2400-09

Manitoba Hydro

Bipole III Transmission Project

Project Infrastructure
- Final Preferred Route
- Converter Station
- Local Study Area

Infrastructure
- Transmission Line

Bird Information
- Common Nighthawk Survey Observations
- Common Nighthawk Modeled Habitat

Landbase
- Community
- City / Town
- First Nation
- National/Provincial Park
- Provincial Forest
- Wildlife Management Area

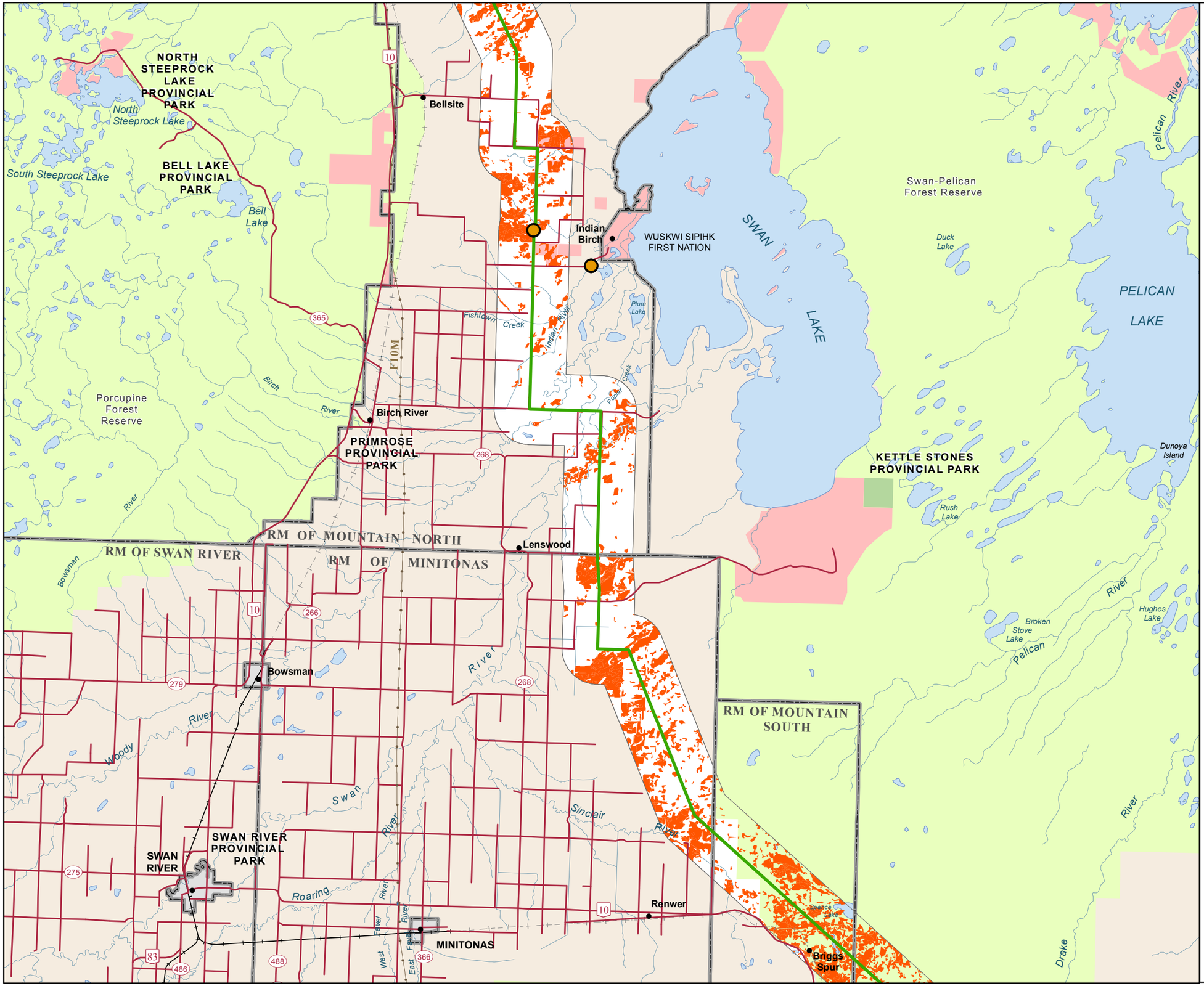
Coordinate System: UTM Zone 14N NAD83
Data Source: MBHydro, ProvMB, NRCAN, MMM, Stantec, WRCS, Joro
Date Created: July 25, 2011

N

0 5 10 Kilometres
0 3 6 Miles
1:250,000

Distribution of Modeled Common Nighthawk Habitat in the Local Study Area

Map 2400-10



Manitoba Hydro

Bipole III Transmission Project

Project Infrastructure
- Final Preferred Route
- Converter Station
- Local Study Area

Infrastructure
- Transmission Line

Bird Information
- Common Nighthawk Survey Observations
- Common Nighthawk Modeled Habitat

Landbase
- Community
- City / Town
- First Nation
- National/Provincial Park
- Provincial Forest
- Wildlife Management Area

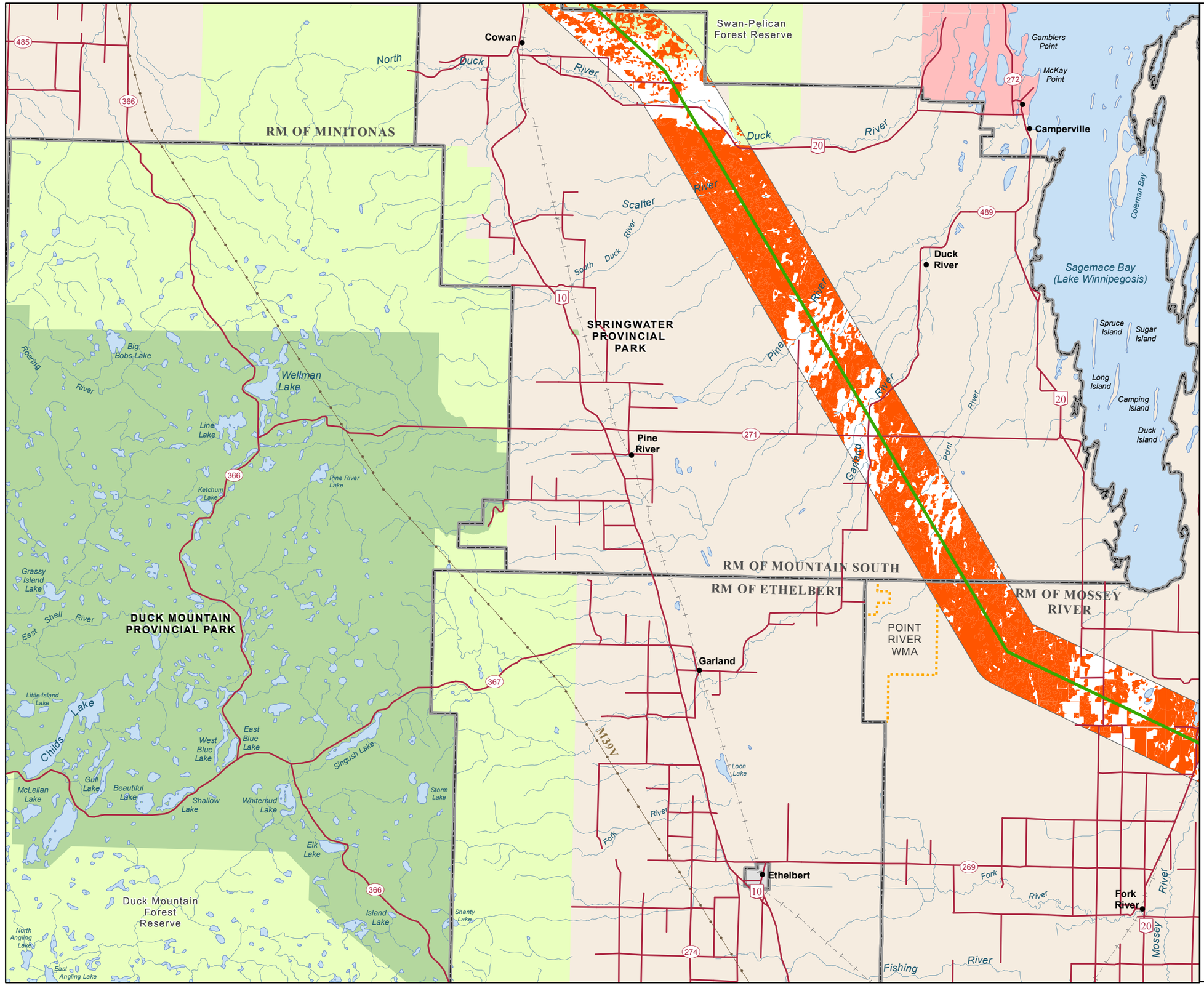
Coordinate System: UTM Zone 14N NAD83
Data Source: MBHydro, ProvMB, NRCAN, MMM, Stantec, WRCS, Joro
Date Created: July 25, 2011

N

0 5 10 Kilometres
0 3 6 Miles
1:250,000

Distribution of Modeled Common Nighthawk Habitat in the Local Study Area

Map 2400-11



Manitoba Hydro

Bipole III Transmission Project

Project Infrastructure
- Final Preferred Route
- Converter Station
- Local Study Area

Infrastructure
- Transmission Line

Bird Information
- Common Nighthawk Survey Observations
- Common Nighthawk Modeled Habitat

Landbase
- Community
- City / Town
- First Nation
- National/Provincial Park
- Provincial Forest
- Wildlife Management Area

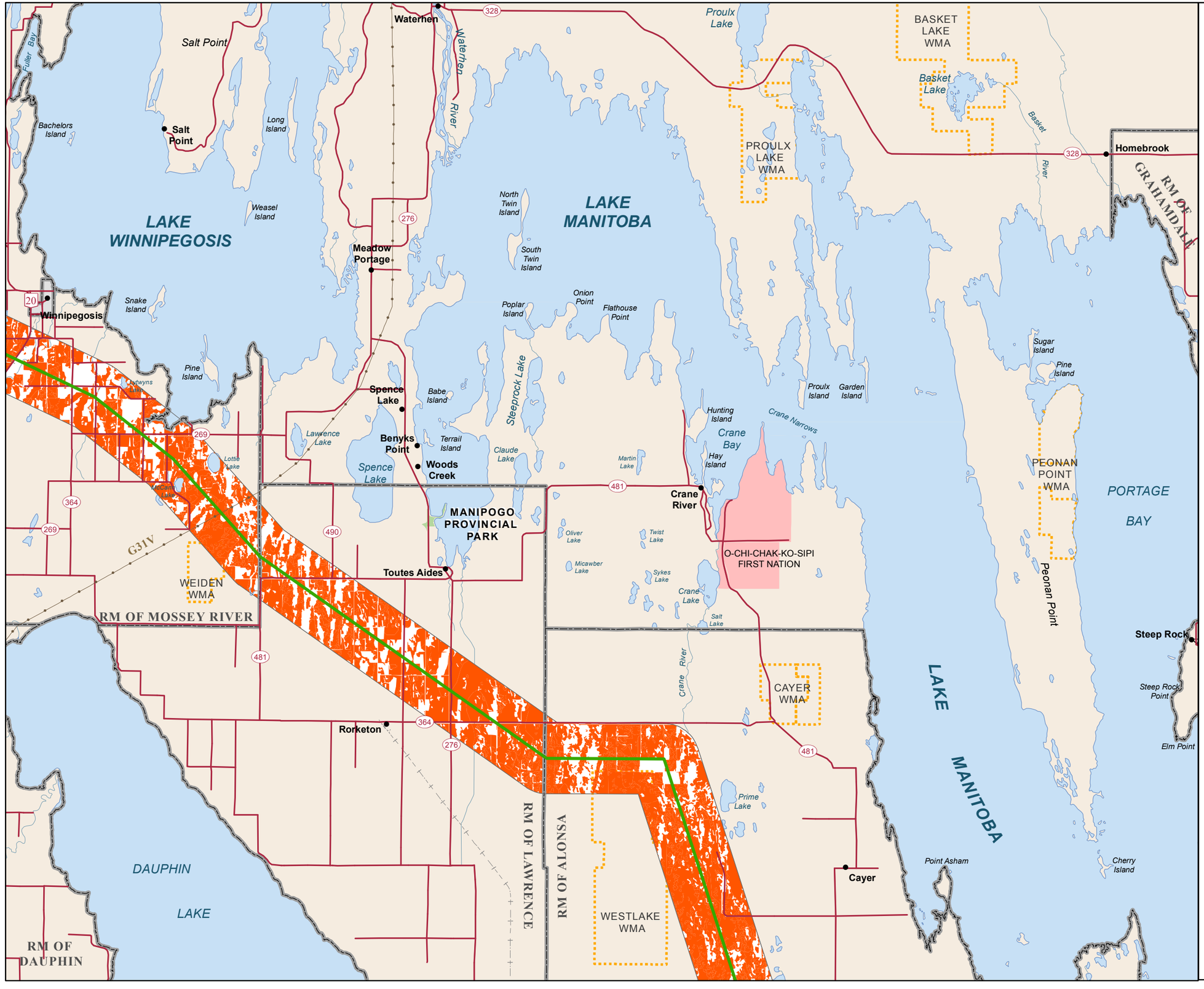
Coordinate System: UTM Zone 14N NAD83
Data Source: MBHydro, ProvMB, NRCAN, MMM, Stantec, WRCS, Joro
Date Created: July 25, 2011

N

0 5 10 Kilometres
0 3 6 Miles
1:250,000

Distribution of Modeled Common Nighthawk Habitat in the Local Study Area

Map 2400-12



Manitoba Hydro

Bipole III Transmission Project

Project Infrastructure
- Final Preferred Route
- Converter Station
- Local Study Area

Infrastructure
- Transmission Line

Bird Information
- Common Nighthawk Survey Observations
- Common Nighthawk Modeled Habitat

Landbase
- Community
- City / Town
- First Nation
- National/Provincial Park
- Provincial Forest
- Wildlife Management Area

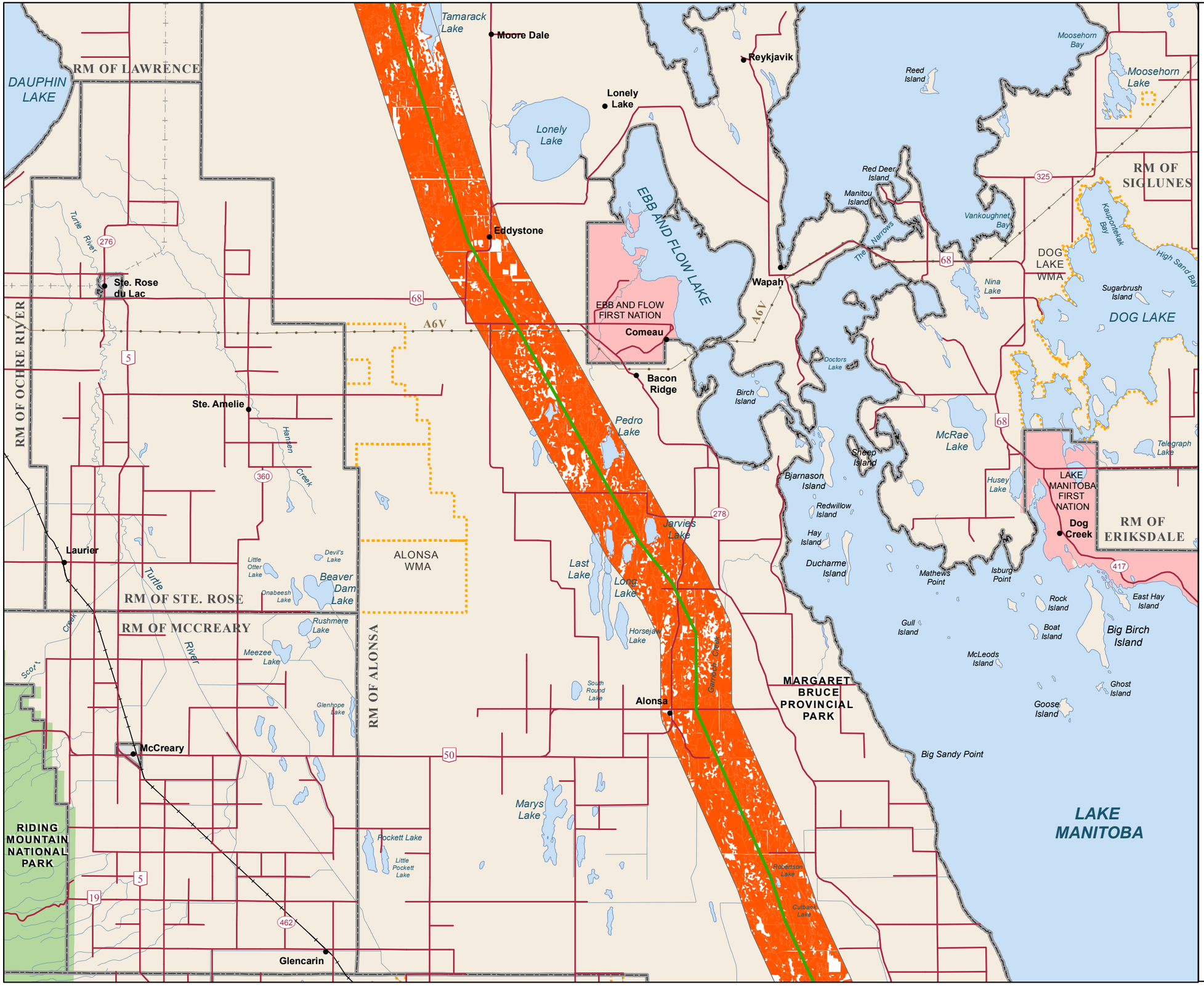
Coordinate System: UTM Zone 14N NAD83
Data Source: MBHydro, ProvMB, NRCAN, MMM, Stantec, WRCS, Joro
Date Created: July 25, 2011

N

0 5 10 Kilometres
0 3 6 Miles
1:250,000

Distribution of Modeled Common Nighthawk Habitat in the Local Study Area

Map 2400-13



Manitoba Hydro

Bipole III Transmission Project

Project Infrastructure

- Final Preferred Route
- Converter Station
- Local Study Area

Infrastructure

- Transmission Line

Bird Information

- Common Nighthawk Survey Observations
- Common Nighthawk Modeled Habitat

Landbase

- Community
- City / Town
- First Nation
- National/Provincial Park
- Provincial Forest
- Wildlife Management Area

Coordinate System: UTM Zone 14N NAD83
Data Source: MBHydro, ProvMB, NRCAN, MMM, Stantec, WRCS, Joro
Date Created: July 25, 2011

N

0 5 10 Kilometres
0 3 6 Miles

1:250,000

Distribution of Modeled Common Nighthawk Habitat in the Local Study Area

Map 2400-14

Manitoba Hydro

Bipole III Transmission Project

Project Infrastructure
- Final Preferred Route
- Converter Station
- Local Study Area

Infrastructure
- Transmission Line

Bird Information
- Common Nighthawk Survey Observations
- Common Nighthawk Modeled Habitat

Landbase
- Community
- City / Town
- First Nation
- National/Provincial Park
- Provincial Forest
- Wildlife Management Area

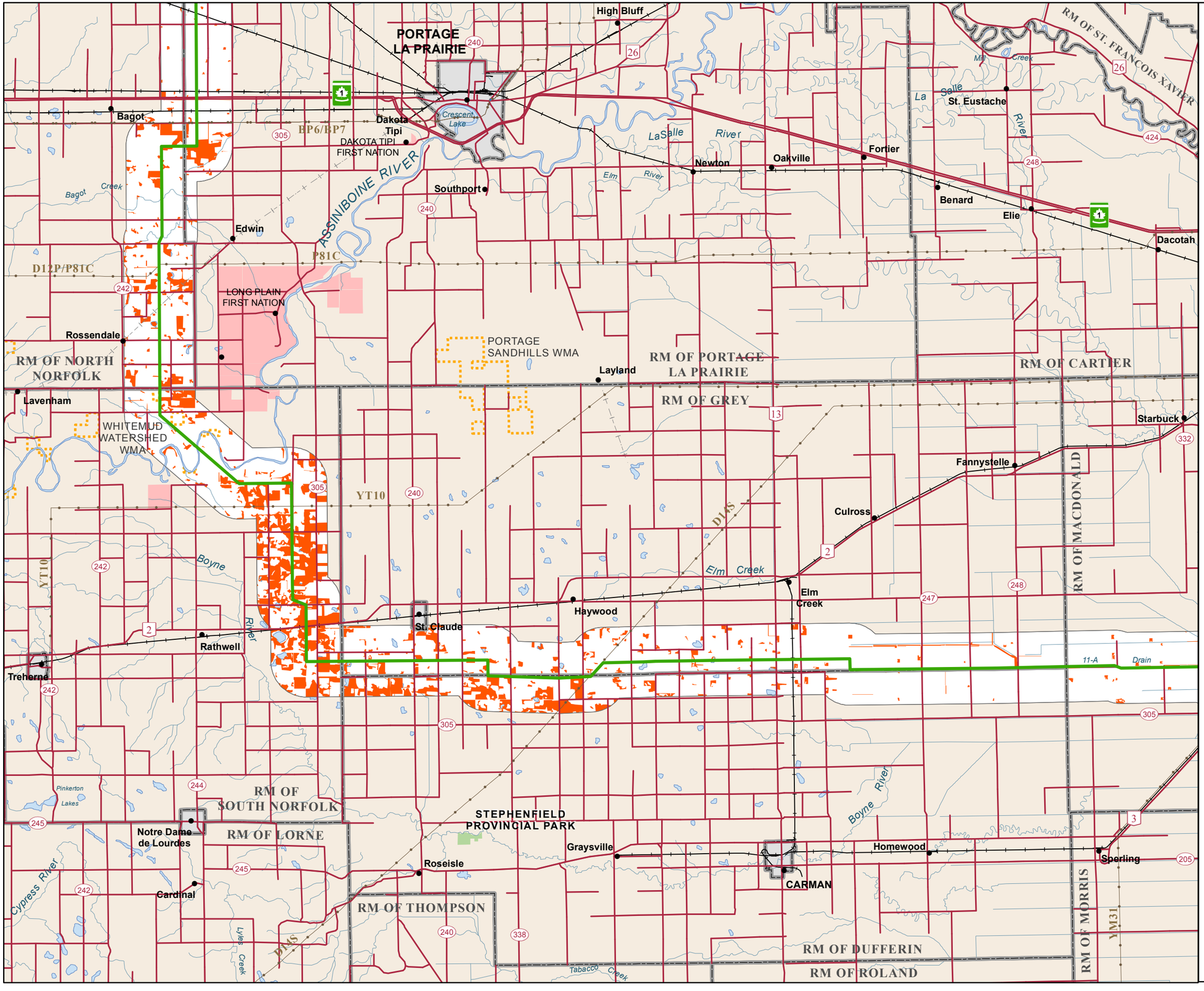
Coordinate System: UTM Zone 14N NAD83
Data Source: MBHydro, ProvMB, NRCAN, MMM, Stantec, WRCS, Joro
Date Created: July 25, 2011

N

0 5 10 Kilometres
0 3 6 Miles
1:250,000

Distribution of Modeled Common Nighthawk Habitat in the Local Study Area

Map 2400-15



Manitoba Hydro

Bipole III Transmission Project

Project Infrastructure

- Final Preferred Route
- Converter Station
- Local Study Area

Infrastructure

- Transmission Line

Bird Information

- Common Nighthawk Survey Observations
- Common Nighthawk Modeled Habitat

Landbase

- Community
- City / Town
- First Nation
- National/Provincial Park
- Provincial Forest
- Wildlife Management Area

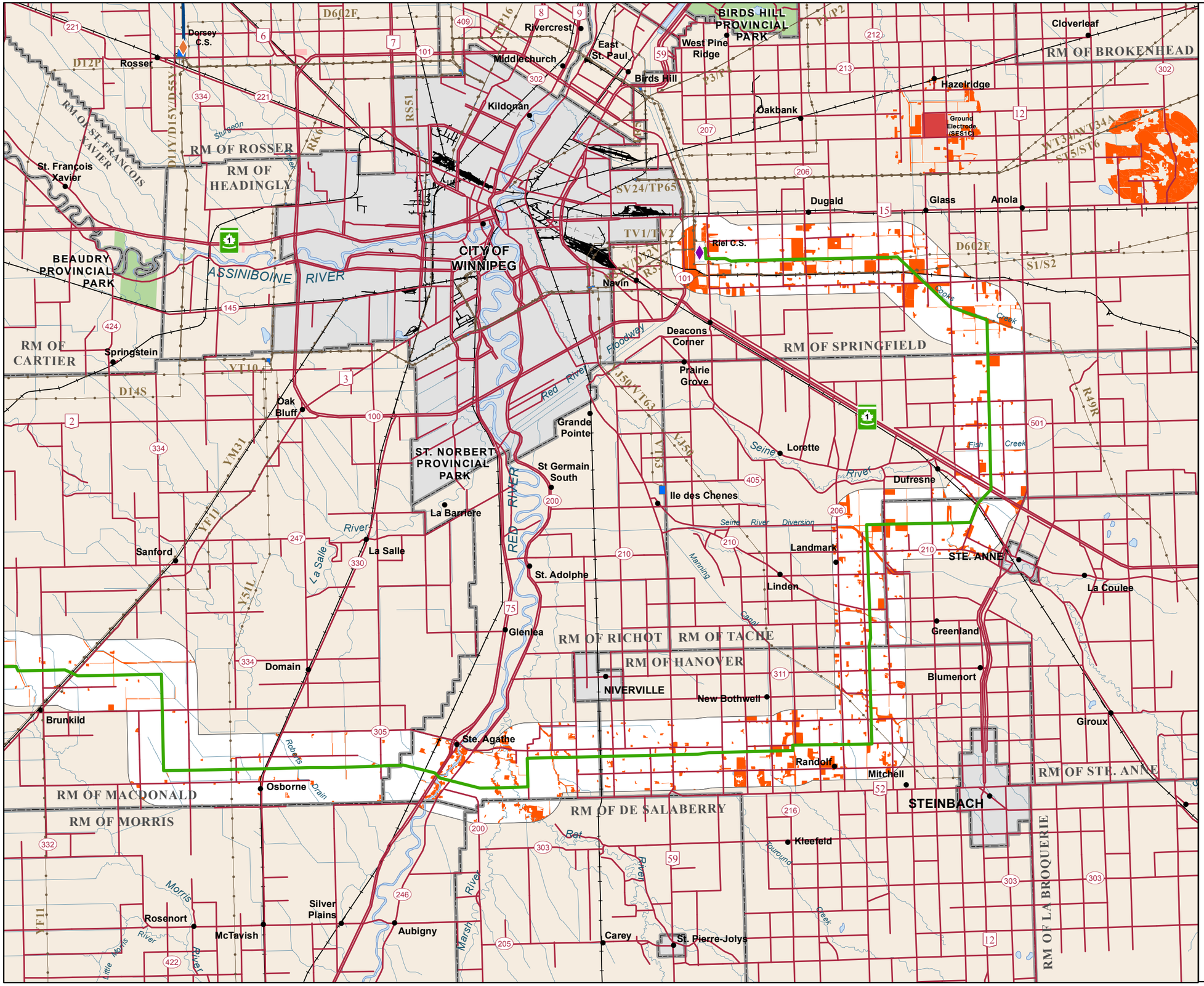
Coordinate System: UTM Zone 14N NAD83
Data Source: MBHydro, ProvMB, NRCAN, MMM, Stantec, WRCS, Joro
Date Created: July 25, 2011

N

0 5 10 Kilometres
0 3 6 Miles
1:250,000

Distribution of Modeled Common Nighthawk Habitat in the Local Study Area

Map 2400-16



Manitoba Hydro

Bipole III Transmission Project

Project Infrastructure

- Final Preferred Route
- Converter Station
- Local Study Area

Infrastructure

- Transmission Line

Bird Information

- Common Nighthawk Survey Observations
- Common Nighthawk Modeled Habitat

Landbase

- Community
- City / Town
- First Nation
- National/Provincial Park
- Provincial Forest
- Wildlife Management Area

Coordinate System: UTM Zone 14N NAD83
Data Source: MBHydro, ProvMB, NRCAN, MMM, Stantec, WRCS, Joro
Date Created: July 25, 2011

N

0 5 10 Kilometres
0 3 6 Miles

1:250,000

Distribution of Modeled Common Nighthawk Habitat in the Local Study Area

Map 2400-17

Manitoba Hydro

Bipole III Transmission Project

Project Infrastructure

- Final Preferred Route
- Converter Station
- Local Study Area

Infrastructure

- Transmission Line

Bird Information

- Whip-poor-will Observation
- Whip-poor-will Modeled Habitat

Landbase

- Community
- City / Town
- First Nation
- National/Provincial Park
- Provincial Forest
- Wildlife Management Area

Coordinate System: UTM Zone 14N NAD83
Data Source: MBHydro, ProvMB, NRCAN, MMM, Stantec, WRCS, Joro
Date Created: July 25, 2011

N

0 5 10 Kilometres
0 3 6 Miles

1:250,000

Distribution of Modeled Whip-poor-will Habitat in the Local Study Area

Map 2500-10

Manitoba Hydro

Bipole III Transmission Project

Project Infrastructure

- Final Preferred Route
- Converter Station
- Local Study Area

Infrastructure

- Transmission Line

Bird Information

- Whip-poor-will Observation
- Whip-poor-will Modeled Habitat

Landbase

- Community
- City / Town
- First Nation
- National/Provincial Park
- Provincial Forest
- Wildlife Management Area

Coordinate System: UTM Zone 14N NAD83
Data Source: MBHydro, ProvMB, NRCAN, MMM, Stantec, WRCS, Joro
Date Created: July 25, 2011

N

0 5 10 Kilometres
0 3 6 Miles

1:250,000

Distribution of Modeled Whip-poor-will Habitat in the Local Study Area

Map 2500-11

Manitoba Hydro

Bipole III Transmission Project

Project Infrastructure

- Final Preferred Route
- Converter Station
- Local Study Area

Infrastructure

- Transmission Line

Bird Information

- Whip-poor-will Observation
- Whip-poor-will Modeled Habitat

Landbase

- Community
- City / Town
- First Nation
- National/Provincial Park
- Provincial Forest
- Wildlife Management Area

Coordinate System: UTM Zone 14N NAD83
Data Source: MBHydro, ProvMB, NRCAN, MMM, Stantec, WRCS, Joro
Date Created: July 25, 2011

N

0 5 10 Kilometres
0 3 6 Miles

1:250,000

Distribution of Modeled Whip-poor-will Habitat in the Local Study Area

Map 2500-12

Manitoba Hydro

Bipole III Transmission Project

Project Infrastructure

- Final Preferred Route
- Converter Station
- Local Study Area

Infrastructure

- Transmission Line

Bird Information

- Whip-poor-will Observation
- Whip-poor-will Modeled Habitat

Landbase

- Community
- City / Town
- First Nation
- National/Provincial Park
- Provincial Forest
- Wildlife Management Area

Coordinate System: UTM Zone 14N NAD83
Data Source: MBHydro, ProvMB, NRCAN, MMM, Stantec, WRCS, Joro
Date Created: July 25, 2011

N

0 5 10 Kilometres
0 3 6 Miles

1:250,000

Distribution of Modeled Whip-poor-will Habitat in the Local Study Area

Map 2500-13

Manitoba Hydro

Bipole III Transmission Project

Project Infrastructure

- Final Preferred Route
- Converter Station
- Local Study Area

Infrastructure

- Transmission Line

Bird Information

- Whip-poor-will Observation
- Whip-poor-will Modeled Habitat

Landbase

- Community
- City / Town
- First Nation
- National/Provincial Park
- Provincial Forest
- Wildlife Management Area

Coordinate System: UTM Zone 14N NAD83
Data Source: MBHydro, ProvMB, NRCAN, MMM, Stantec, WRCS, Joro
Date Created: July 25, 2011

N

0 5 10 Kilometres
0 3 6 Miles

1:250,000

Distribution of Modeled Whip-poor-will Habitat in the Local Study Area

Map 2500-16

Manitoba Hydro

Bipole III Transmission Project

Project Infrastructure

- Final Preferred Route
- Converter Station
- Local Study Area

Infrastructure

- Transmission Line

Bird Information

- Whip-poor-will Observation
- Whip-poor-will Modeled Habitat

Landbase

- Community
- City / Town
- First Nation
- National/Provincial Park
- Provincial Forest
- Wildlife Management Area

Coordinate System: UTM Zone 14N NAD83
Data Source: MBHydro, ProvMB, NRCAN, MMM, Stantec, WRCS, Joro
Date Created: July 25, 2011

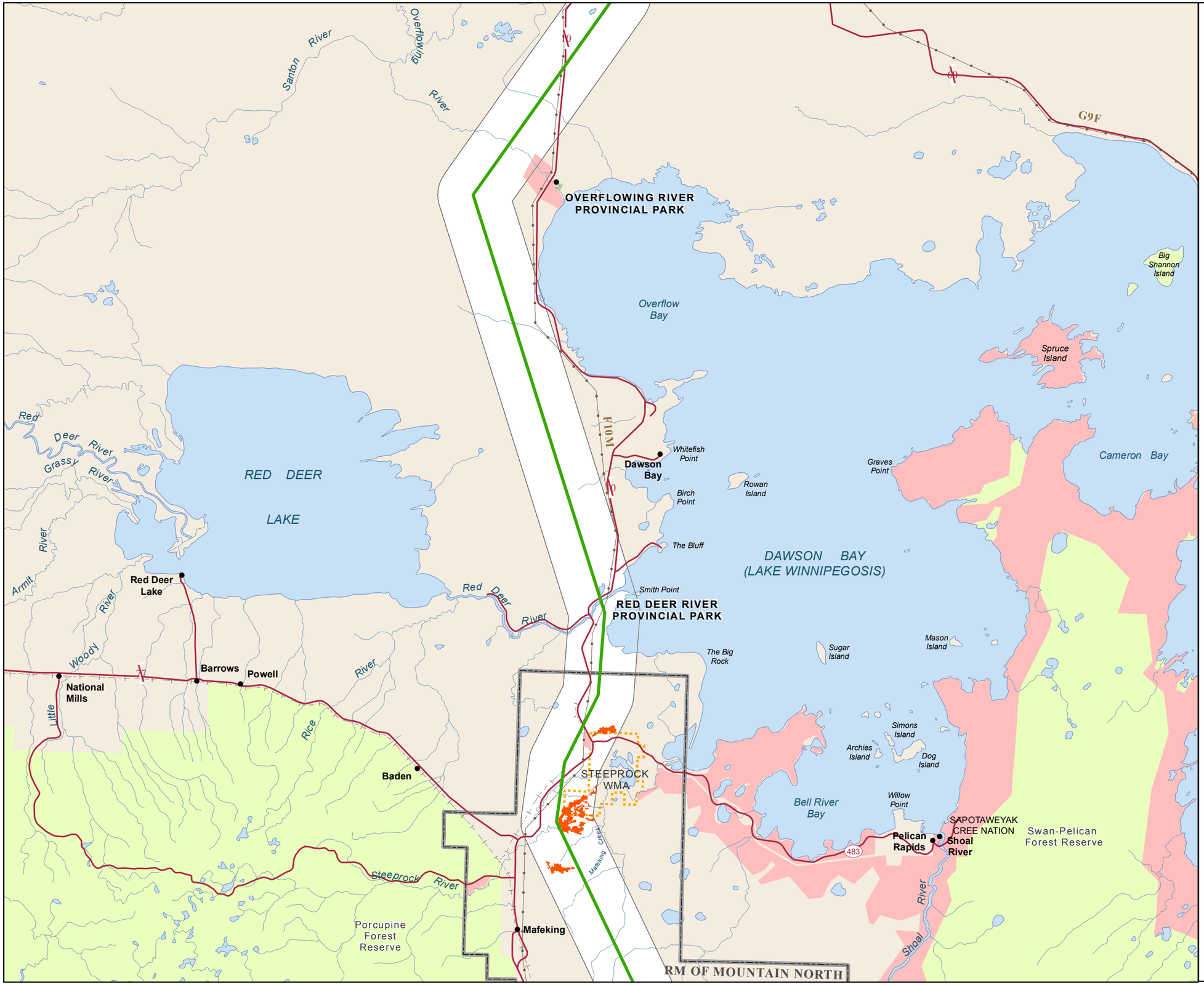
N

0 5 10 Kilometres
0 3 6 Miles

1:250,000

Distribution of Modeled Whip-poor-will Habitat in the Local Study Area

Map 2500-17



Manitoba Hydro

Bipole III Transmission Project

Project Infrastructure
- Final Preferred Route
- Converter Station
- Local Study Area

Infrastructure
- Transmission Line

Bird Information
- Red-headed Woodpecker Observations
- Red-headed Woodpecker Modeled Habitat

Landbase
- Community
- City / Town
- First Nation
- National/Provincial Park
- Provincial Forest
- Wildlife Management Area

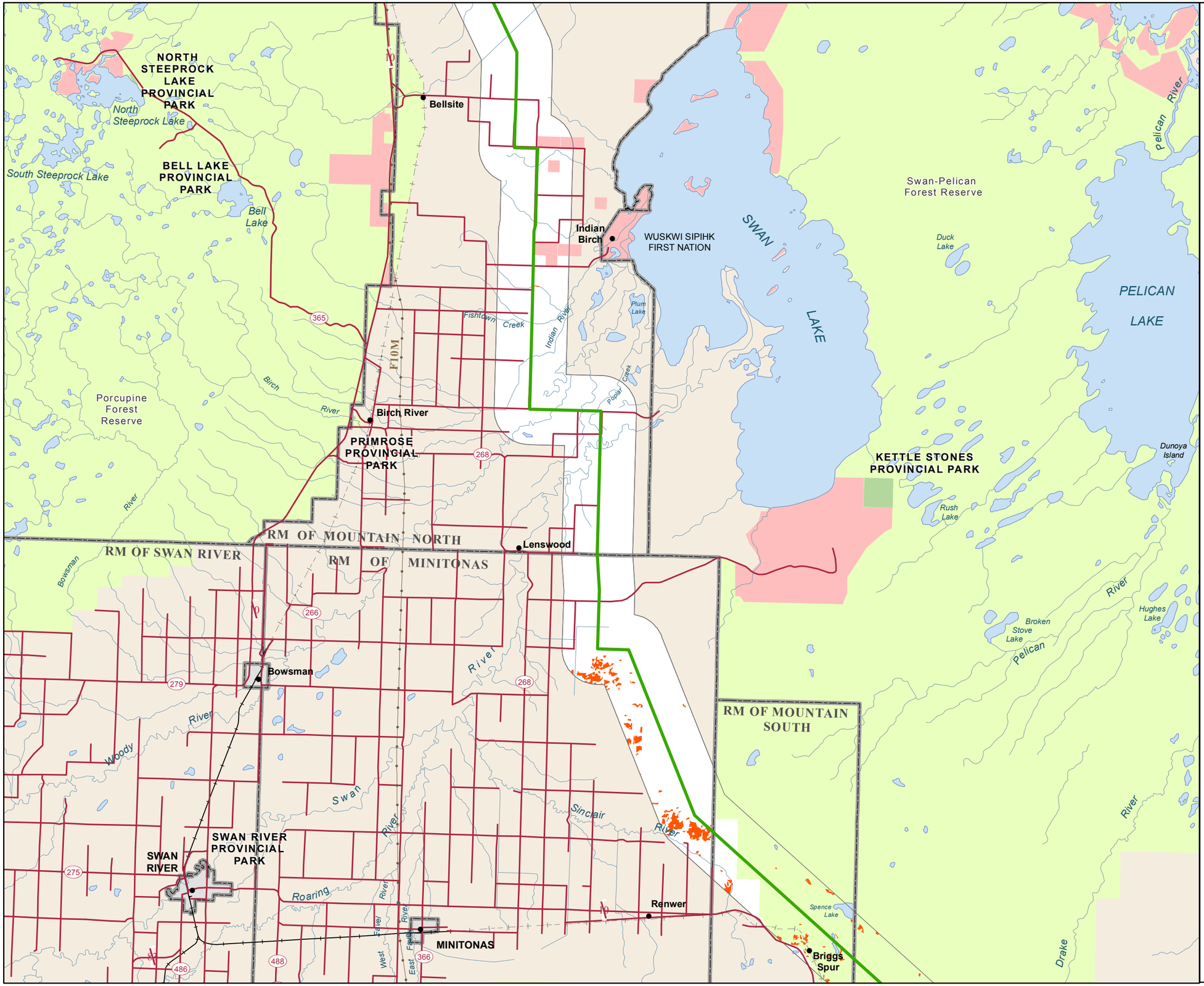
Coordinate System: UTM Zone 14N NAD83
Data Source: MBHydro, ProvMB, NRCAN, MMM, Stantec, WRCS, Joro
Date Created: July 25, 2011

N

0 5 10 Kilometres
0 3 6 Miles
1:250,000

Distribution of Modeled Red-headed Woodpecker Habitat in the Local Study Area

Map 2600-10



Manitoba Hydro

Bipole III Transmission Project

Project Infrastructure
- Final Preferred Route
- Converter Station
- Local Study Area

Infrastructure
- Transmission Line

Bird Information
- Red-headed Woodpecker Observations
- Red-headed Woodpecker Modeled Habitat

Landbase
- Community
- City / Town
- First Nation
- National/Provincial Park
- Provincial Forest
- Wildlife Management Area

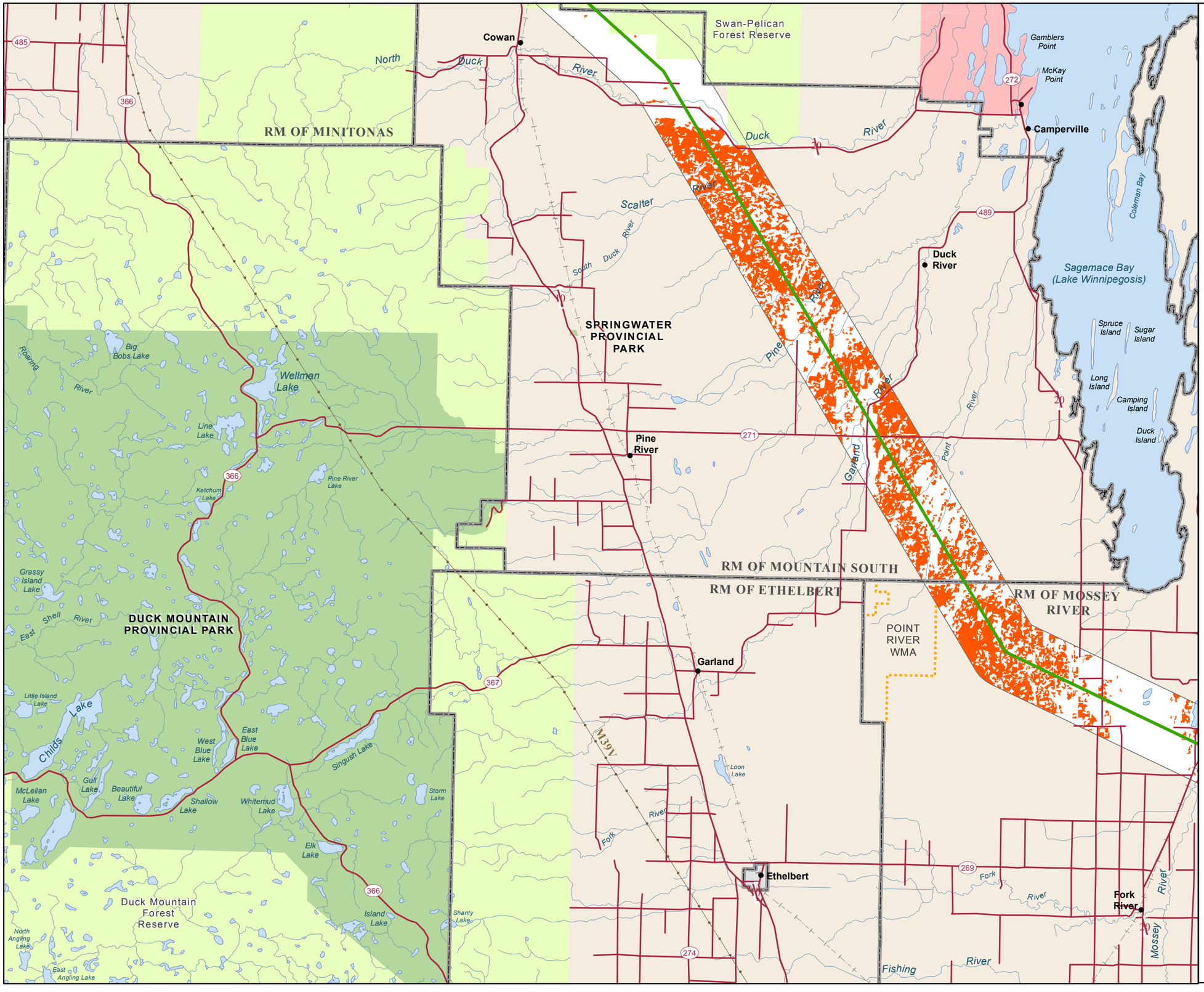
Coordinate System: UTM Zone 14N NAD83
Data Source: MBHydro, ProvMB, NRCAN, MMM, Stantec, WRCS, Joro
Date Created: July 25, 2011

N

0 5 10 Kilometres
0 3 6 Miles
1:250,000

Distribution of Modeled Red-headed Woodpecker Habitat in the Local Study Area

Map 2600-11



Manitoba Hydro

Bipole III Transmission Project

Project Infrastructure
- Final Preferred Route
- Converter Station
- Local Study Area

Infrastructure
- Transmission Line

Bird Information
- Red-headed Woodpecker Observations
- Red-headed Woodpecker Modeled Habitat

Landbase
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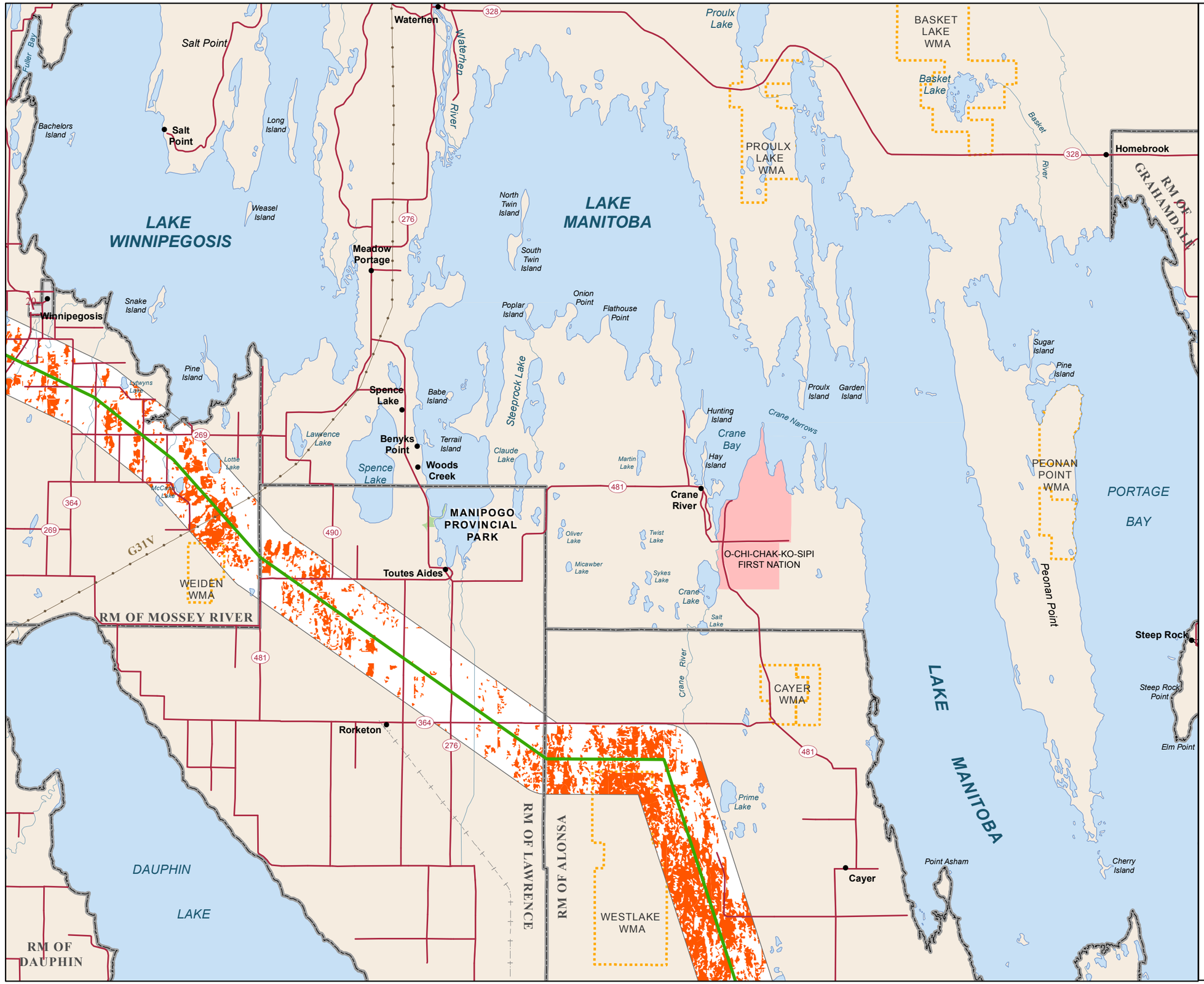
Distribution of Modeled Red-headed Woodpecker Habitat in the Local Study Area

Map 2600-12



Manitoba Hydro

Bipole III Transmission Project

Project Infrastructure
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- Converter Station
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Infrastructure
- Transmission Line

Bird Information
- Red-headed Woodpecker Observations
- Red-headed Woodpecker Modeled Habitat

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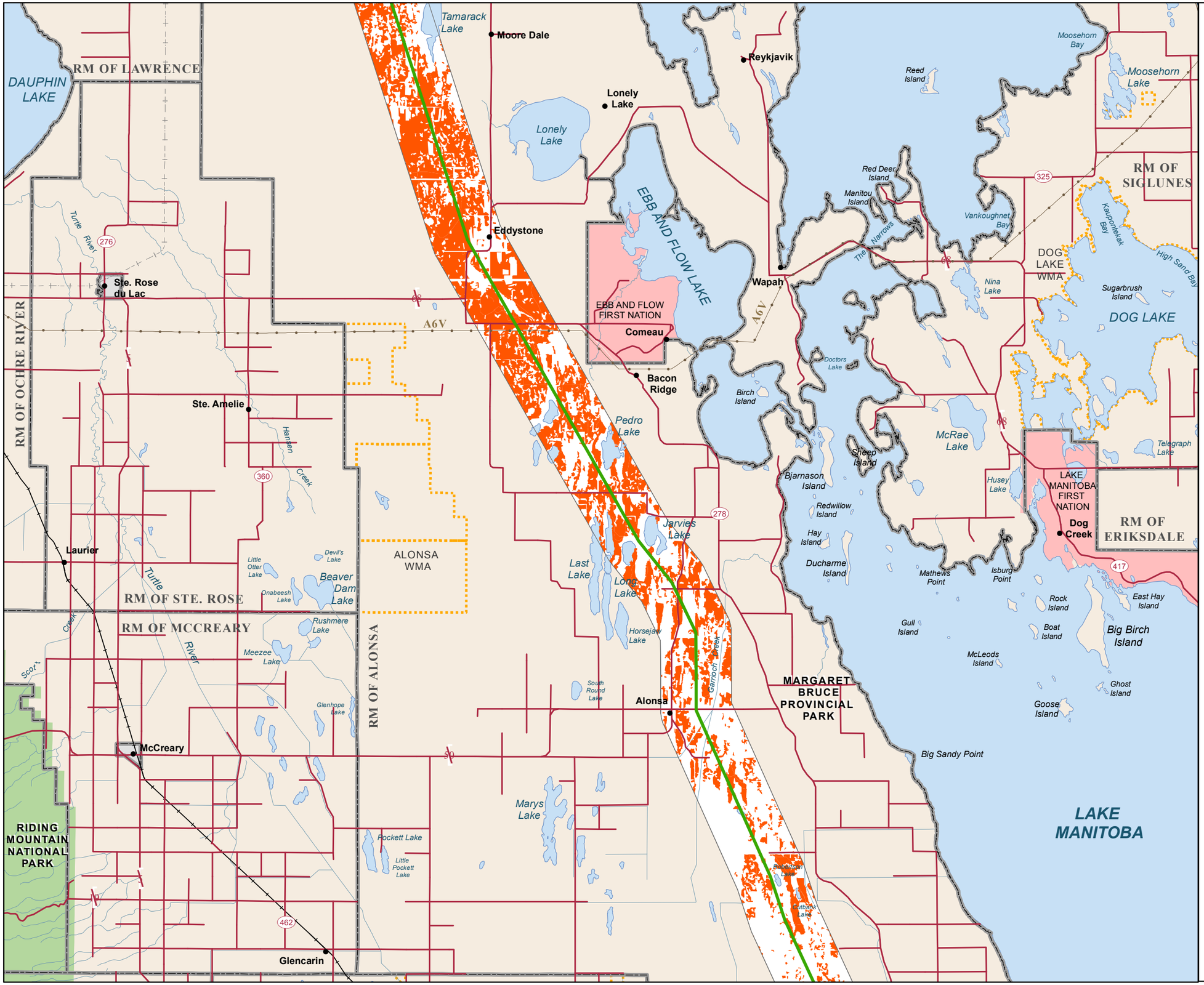
Distribution of Modeled Red-headed Woodpecker Habitat in the Local Study Area

Map 2600-13



Manitoba Hydro

Bipole III Transmission Project

Project Infrastructure

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Bird Information

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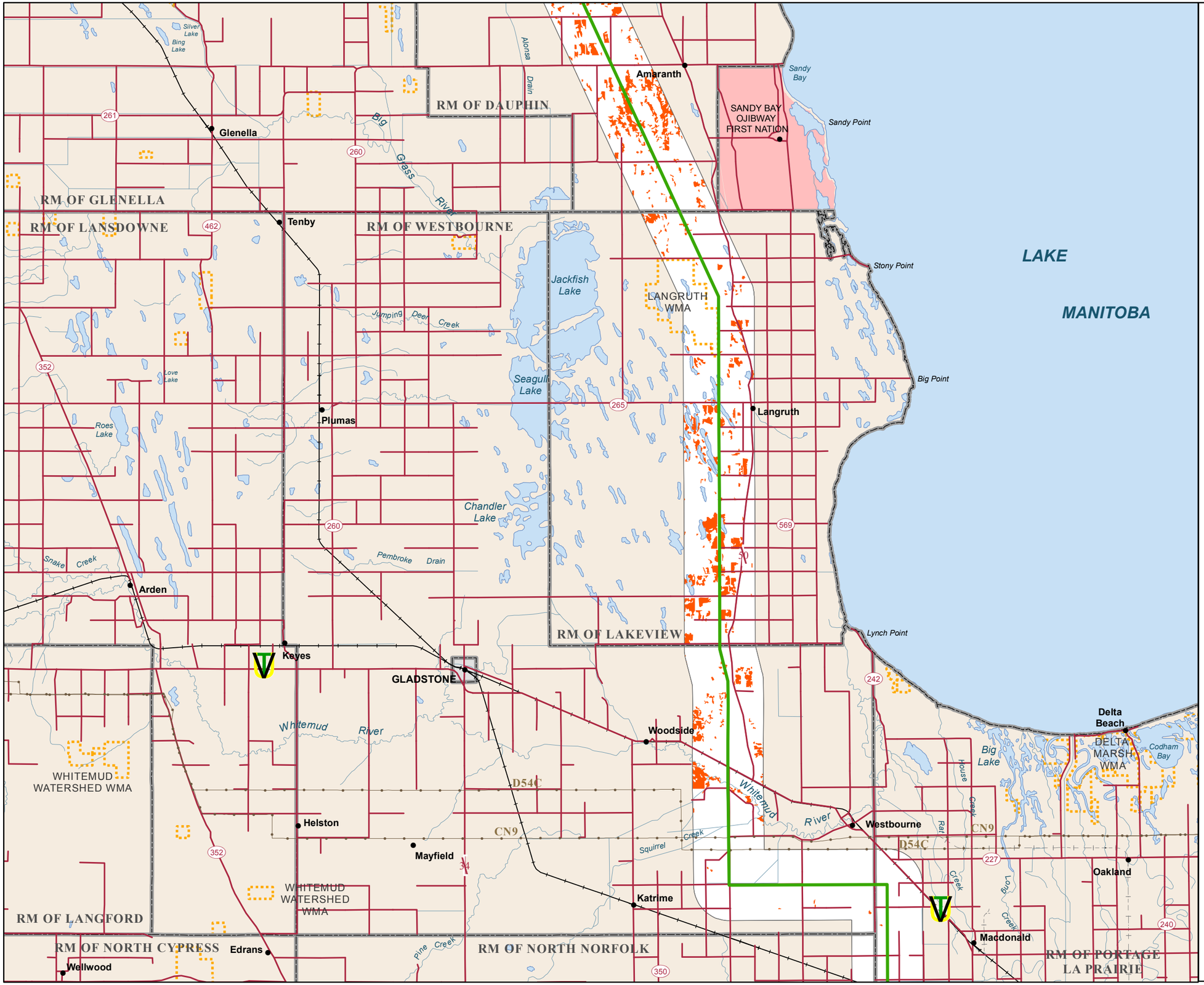
Distribution of Modeled Red-headed Woodpecker Habitat in the Local Study Area

Map 2600-14



Manitoba Hydro

Bipole III Transmission Project

Project Infrastructure
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Bird Information
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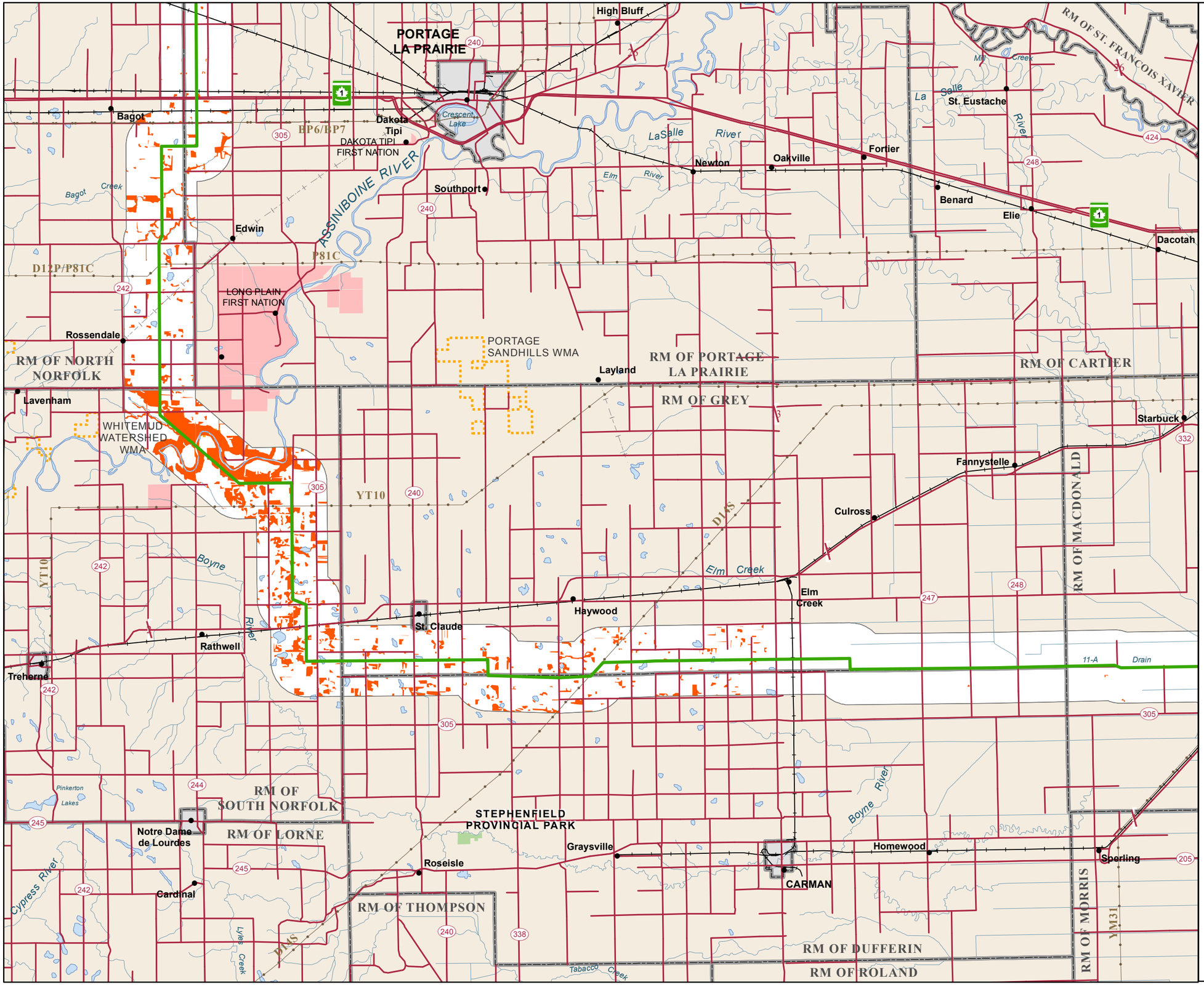
Distribution of Modeled Red-headed Woodpecker Habitat in the Local Study Area

Map 2600-15



Manitoba Hydro

Bipole III Transmission Project

Project Infrastructure

- Final Preferred Route
- Converter Station
- Local Study Area

Infrastructure

- Transmission Line

Bird Information

- Red-headed Woodpecker Observations
- Red-headed Woodpecker Modeled Habitat

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Date Created: July 25, 2011

N

0 5 10 Kilometres
0 3 6 Miles
1:250,000

Distribution of Modeled Red-headed Woodpecker Habitat in the Local Study Area

Map 2600-16

Manitoba Hydro

Bipole III Transmission Project

Project Infrastructure

- Final Preferred Route
- Converter Station
- Local Study Area

Infrastructure

- Transmission Line

Bird Information

- Red-headed Woodpecker Observations
- Red-headed Woodpecker Modeled Habitat

Landbase

- Community
- City / Town
- First Nation
- National/Provincial Park
- Provincial Forest
- Wildlife Management Area

Coordinate System: UTM Zone 14N NAD83
Data Source: MBHydro, ProvMB, NRCAN, MMM, Stantec, WRCS, Joro
Date Created: July 25, 2011

N

0 5 10 Kilometres
0 3 6 Miles
1:250,000

Distribution of Modeled Red-headed Woodpecker Habitat in the Local Study Area

Map 2600-17