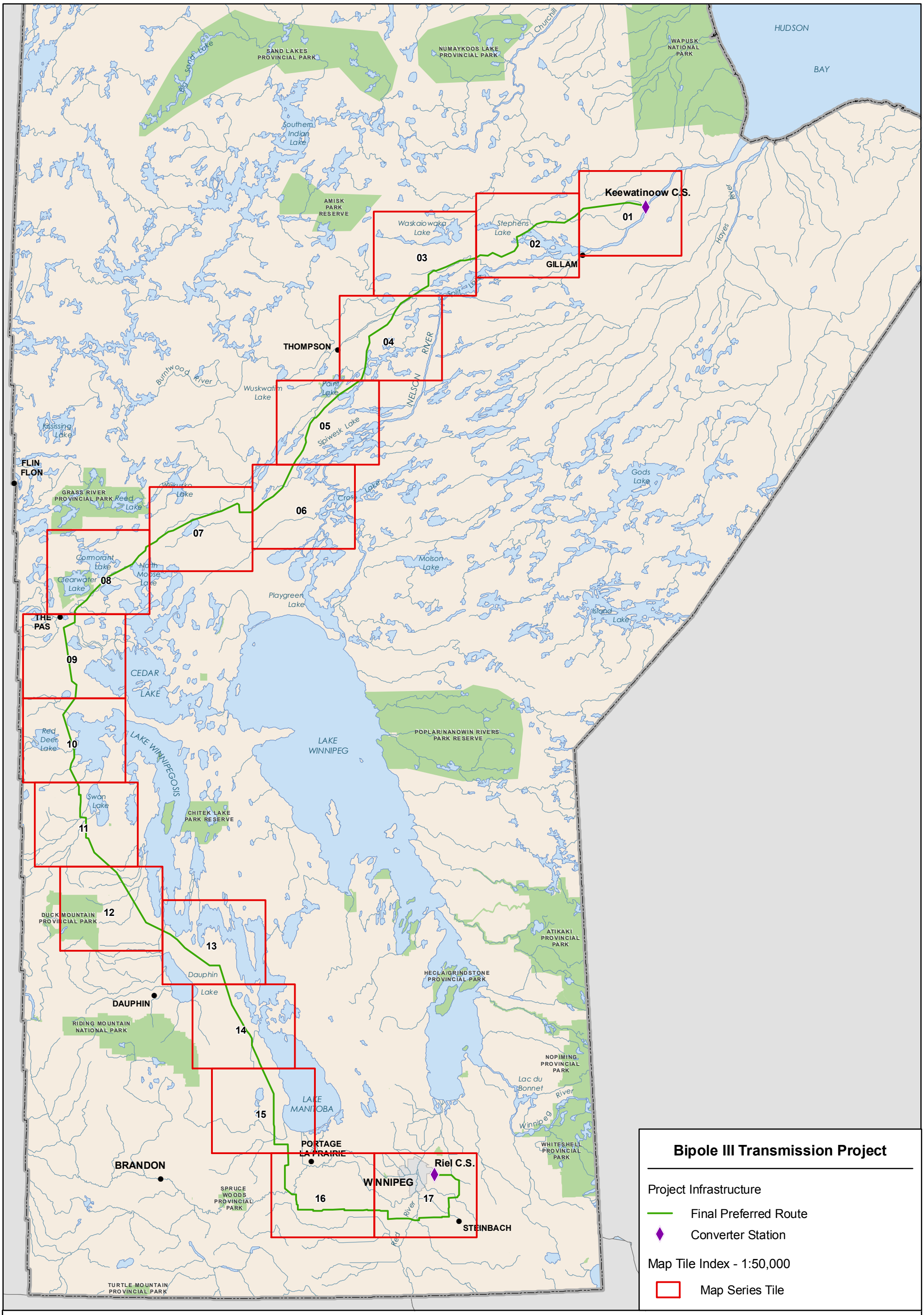


Bipole III Transmission Project

Project Infrastructure

- Final Preferred Route
- Converter Station

Map Tile Index - 1:50,000

- Map Series Tile

Manitoba Hydro

Coordinate System: UTM Zone 14N NAD83
Data Source: MB Hydro, MMM, Stantec, ProvMB
Date Created: July 28, 2011

0 25 50 Kilometres

0 25 50 Miles

1:2,750,000

N

Index of Map Series

Location of 2010 Nocturnal Owl Surveys

Map Series 100

Manitoba Hydro

Bipole III Transmission Project

Project Infrastructure

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

Infrastructure

- Converter Station
- Generating Station
- Bipole I and II
- Transmission Line
- Electrical Station

Nocturnal Owl Survey Location 2010

- Nocturnal Owl - Roadside Station

Landbase

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

Coordinate System: UTM Zone 14N NAD83
Data Source: MBHydro, MMM, Stantec, ProvMB, NRCAN, WRCS
Date Created: July 28, 2011

N

0 5 10 Kilometres
0 3 6 Miles

1:250,000

Location of 2010 Nocturnal Owl Surveys

Map 100-01

Manitoba Hydro

Bipole III Transmission Project

Project Infrastructure

- Final Preferred Route
- Local Study Area
- Project Study Area

Infrastructure

- Bipole I and II
- Transmission Line
- Electrical Station

Nocturnal Owl Survey Location 2010

- Nocturnal Owl - Roadside Station

Landbase

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

Coordinate System: UTM Zone 14N NAD83
Data Source: MBHydro, MMM, Stantec, ProvMB, NRCAN, WRCS
Date Created: July 28, 2011

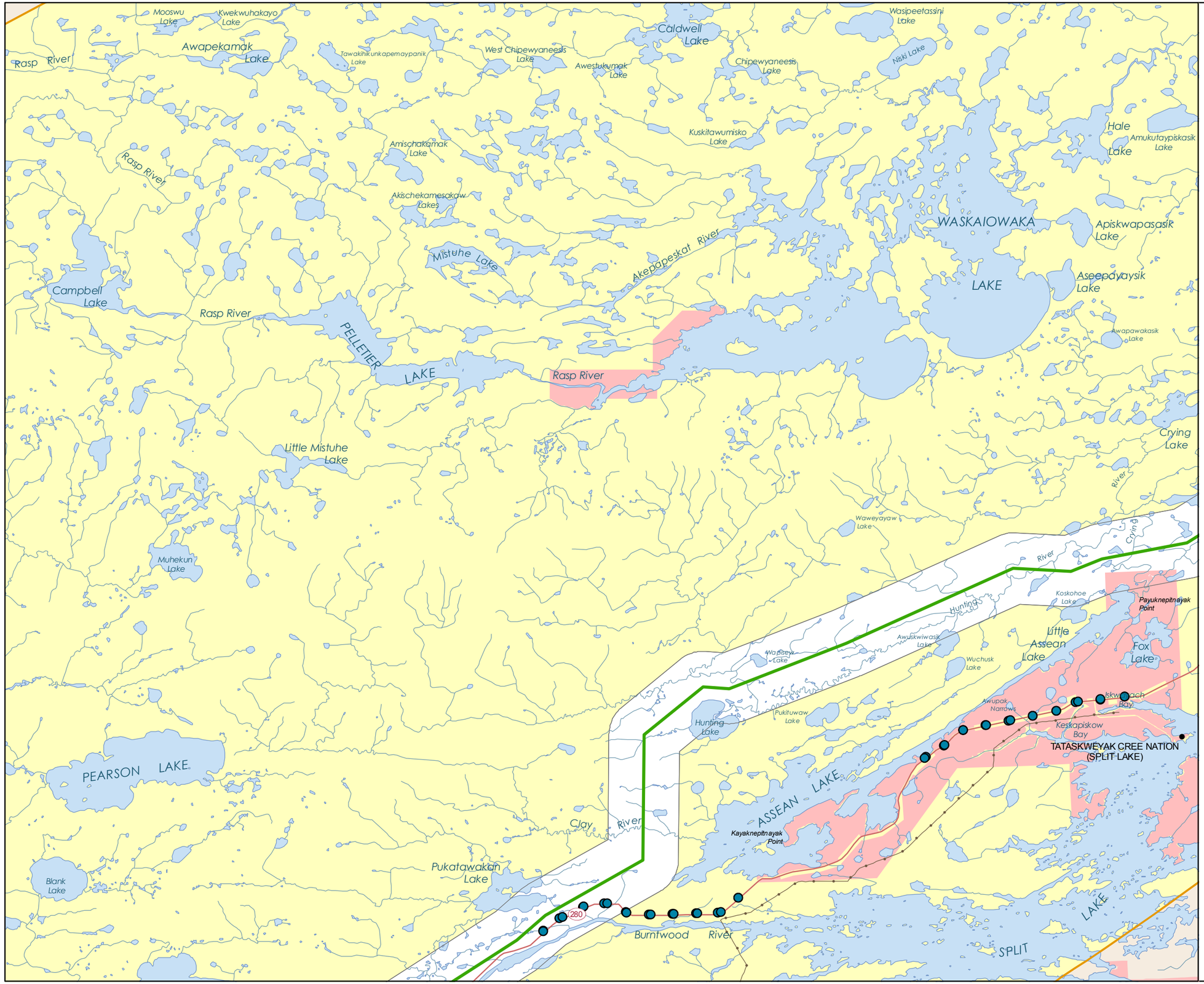
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0 5 10 Kilometres
0 3 6 Miles

1:250,000

Location of 2010 Nocturnal Owl Surveys

Map 100-02



Manitoba Hydro

Bipole III Transmission Project

Project Infrastructure

- Final Preferred Route
- Local Study Area
- Project Study Area

Infrastructure

- Bipole I and II
- Transmission Line
- Electrical Station

Nocturnal Owl Survey Location 2010

- Nocturnal Owl - Roadside Station

Landbase

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

Coordinate System: UTM Zone 14N NAD83
Data Source: MBHydro, MMM, Stantec, ProvMB, NRCAN, WRCS
Date Created: July 28, 2011

N

0 5 10 Kilometres
0 3 6 Miles

1:250,000

Location of 2010 Nocturnal Owl Surveys

Map 100-03

Manitoba Hydro

Bipole III Transmission Project

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

Infrastructure
- Bipole I and II
- Transmission Line
- Electrical Station

Nocturnal Owl Survey Location 2010
- Nocturnal Owl - Roadside Station

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

Coordinate System: UTM Zone 14N NAD83
Data Source: MBHydro, MMM, Stantec, ProvMB, NRCAN, WRCS
Date Created: July 28, 2011

N

0 5 10 Kilometres
0 3 6 Miles

1:250,000

Location of 2010 Nocturnal Owl Surveys

Map 100-04

Manitoba Hydro

Bipole III Transmission Project

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

Infrastructure
- Bipole I and II
- Transmission Line
- Electrical Station

Nocturnal Owl Survey Location 2010
- Nocturnal Owl - Roadside Station

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

Coordinate System: UTM Zone 14N NAD83
Data Source: MBHydro, MMM, Stantec, ProvMB, NRCAN, WRCS
Date Created: July 28, 2011

N

0 5 10 Kilometres
0 3 6 Miles

1:250,000

Location of 2010 Nocturnal Owl Surveys

Map 100-05

Manitoba Hydro

Bipole III Transmission Project

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

Infrastructure
- Bipole I and II
- Transmission Line
- Electrical Station

Nocturnal Owl Survey Location 2010
- Nocturnal Owl - Roadside Station

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

Coordinate System: UTM Zone 14N NAD83
Data Source: MBHydro, MMM, Stantec, ProvMB, NRCAN, WRCS
Date Created: July 28, 2011

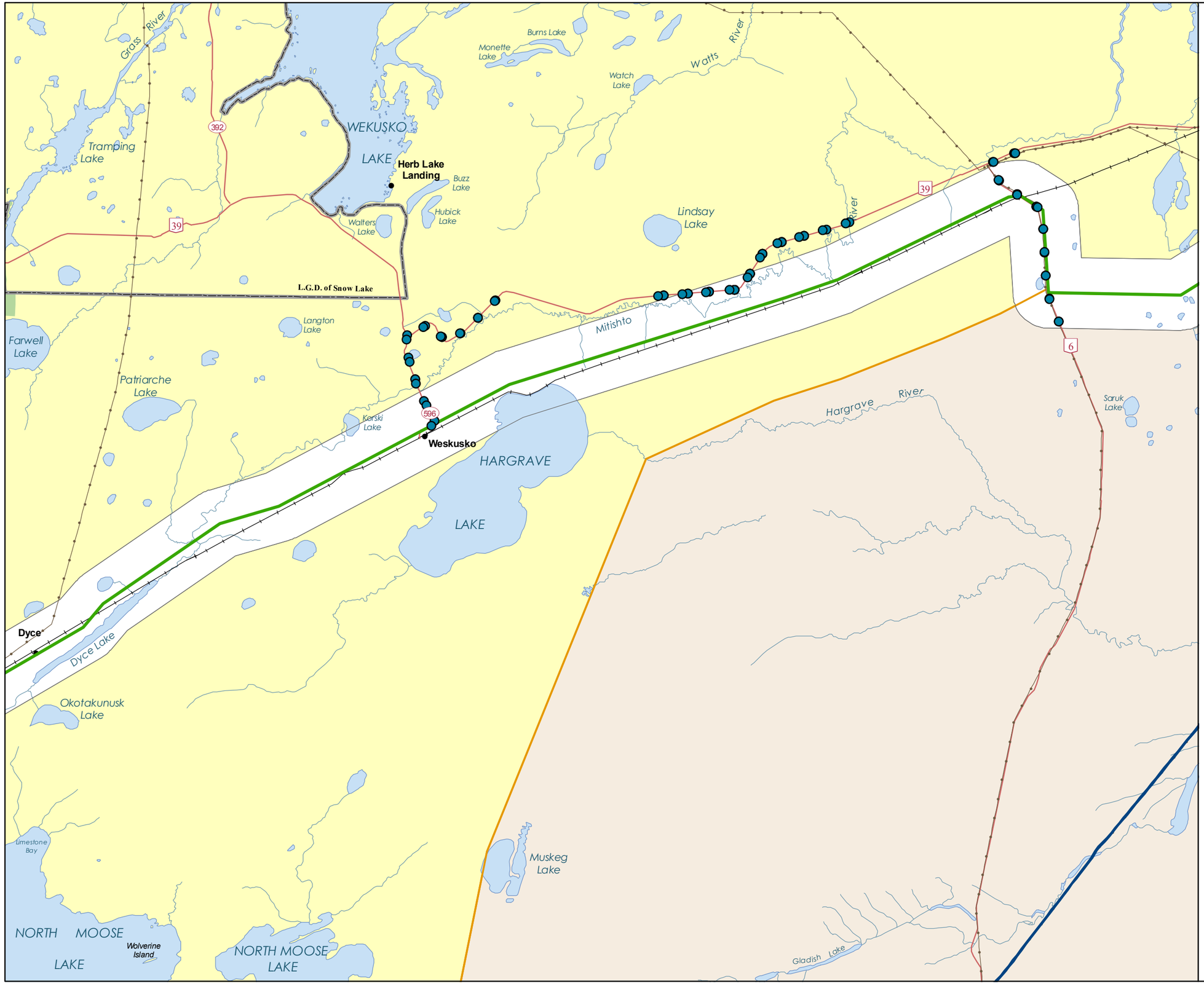
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0 5 10 Kilometres
0 3 6 Miles

1:250,000

Location of 2010 Nocturnal Owl Surveys

Map 100-06



Manitoba Hydro

Bipole III Transmission Project

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

Infrastructure
- Bipole I and II
- Transmission Line
- Electrical Station

Nocturnal Owl Survey Location 2010
- Nocturnal Owl - Roadside Station

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

Coordinate System: UTM Zone 14N NAD83
Data Source: MBHydro, MMM, Stantec, ProvMB, NRCAN, WRCS
Date Created: July 28, 2011

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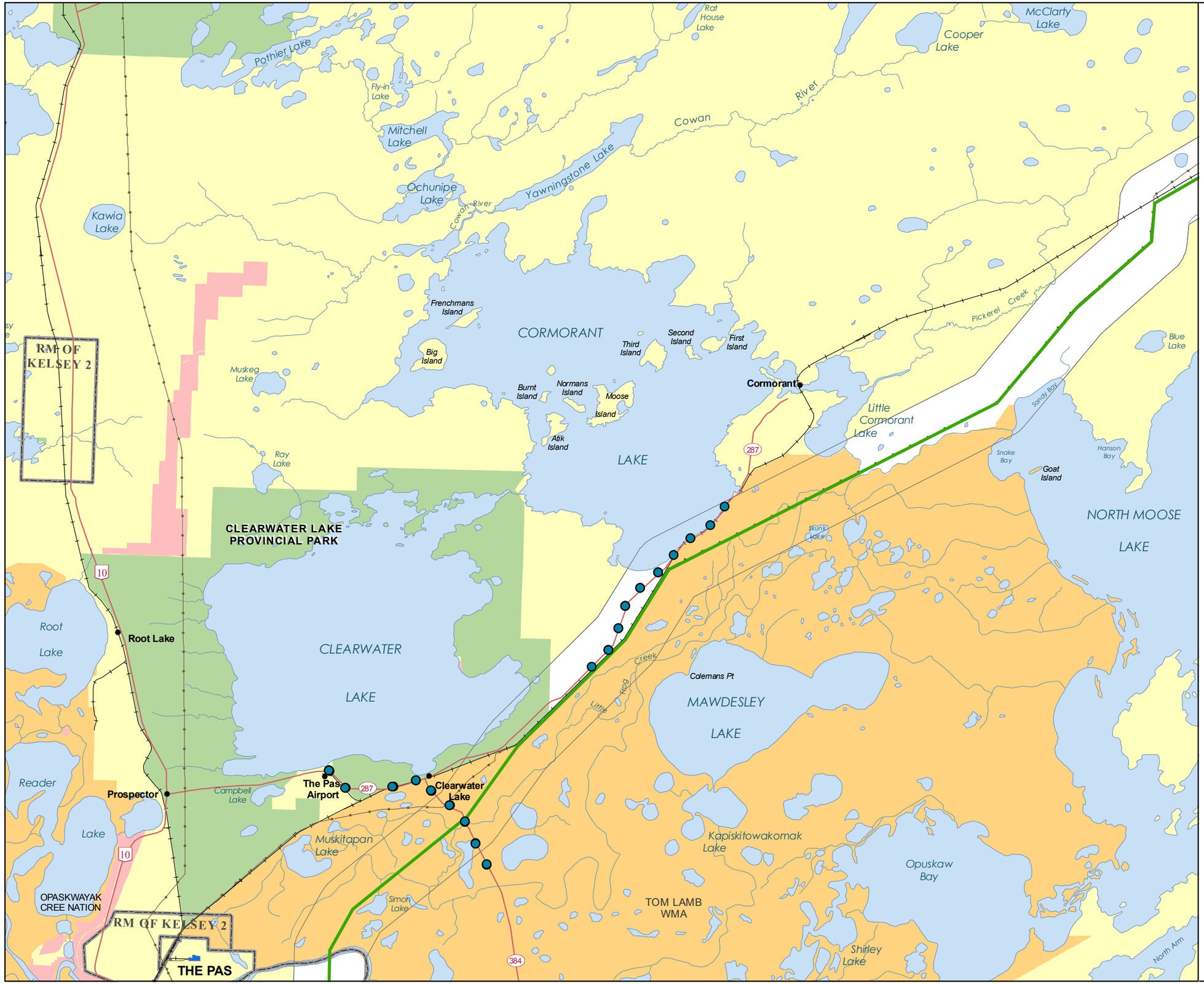
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0 3 6 Miles

1:250,000

Location of 2010 Nocturnal Owl Surveys

Map 100-07



Manitoba Hydro

Bipole III Transmission Project

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

Infrastructure
- Bipole I and II
- Transmission Line
- Electrical Station

Nocturnal Owl Survey Location 2010
- Nocturnal Owl - Roadside Station

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

Coordinate System: UTM Zone 14N NAD83
Data Source: MBHydro, MMM, Stantec, ProvMB, NRCAN, WRCS
Date Created: July 28, 2011

N

0 5 10 Kilometres
0 3 6 Miles

1:250,000

Location of 2010 Nocturnal Owl Surveys

Map 100-08

Manitoba Hydro

Bipole III Transmission Project

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

Infrastructure
- Bipole I and II
- Transmission Line
- Electrical Station

Nocturnal Owl Survey Location 2010
- Nocturnal Owl - Roadside Station

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

Coordinate System: UTM Zone 14N NAD83
Data Source: MBHydro, MMM, Stantec, ProvMB, NRCAN, WRCS
Date Created: July 28, 2011

N

0 5 10 Kilometres

0 3 6 Miles

1:250,000

Location of 2010 Nocturnal Owl Surveys

Map 100-09

Manitoba Hydro

Bipole III Transmission Project

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

Infrastructure
- Bipole I and II
- Transmission Line
- Electrical Station

Nocturnal Owl Survey Location 2010
- Nocturnal Owl - Roadside Station

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

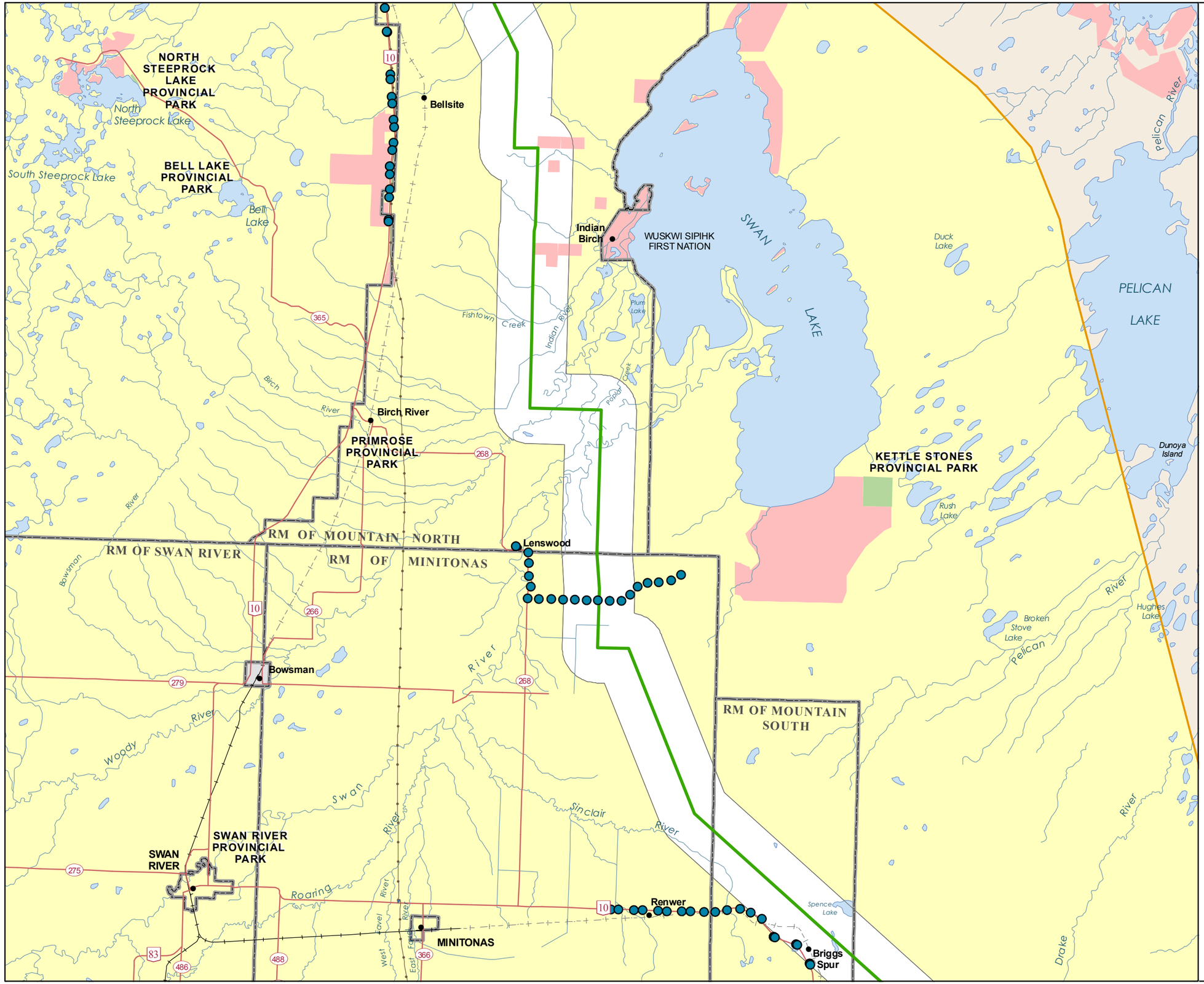
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Data Source: MBHydro, MMM, Stantec, ProvMB, NRCAN, WRCS
Date Created: July 28, 2011

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0 3 6 Miles
1:250,000

Location of 2010 Nocturnal Owl Surveys

Map 100-10



Manitoba Hydro

Bipole III Transmission Project

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

Infrastructure
- Bipole I and II
- Transmission Line
- Electrical Station

Nocturnal Owl Survey Location 2010
- Nocturnal Owl - Roadside Station

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

Coordinate System: UTM Zone 14N NAD83
Data Source: MBHydro, MMM, Stantec, ProvMB, NRCAN, WRCS
Date Created: July 28, 2011

N

0 5 10 Kilometres
0 3 6 Miles

1:250,000

Location of 2010 Nocturnal Owl Surveys

Map 100-11

Manitoba Hydro

Bipole III Transmission Project

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

Infrastructure
- Bipole I and II
- Transmission Line
- Electrical Station

Nocturnal Owl Survey Location 2010
- Nocturnal Owl - Roadside Station

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

Coordinate System: UTM Zone 14N NAD83
Data Source: MBHydro, MMM, Stantec, ProvMB, NRCAN, WRCS
Date Created: July 28, 2011

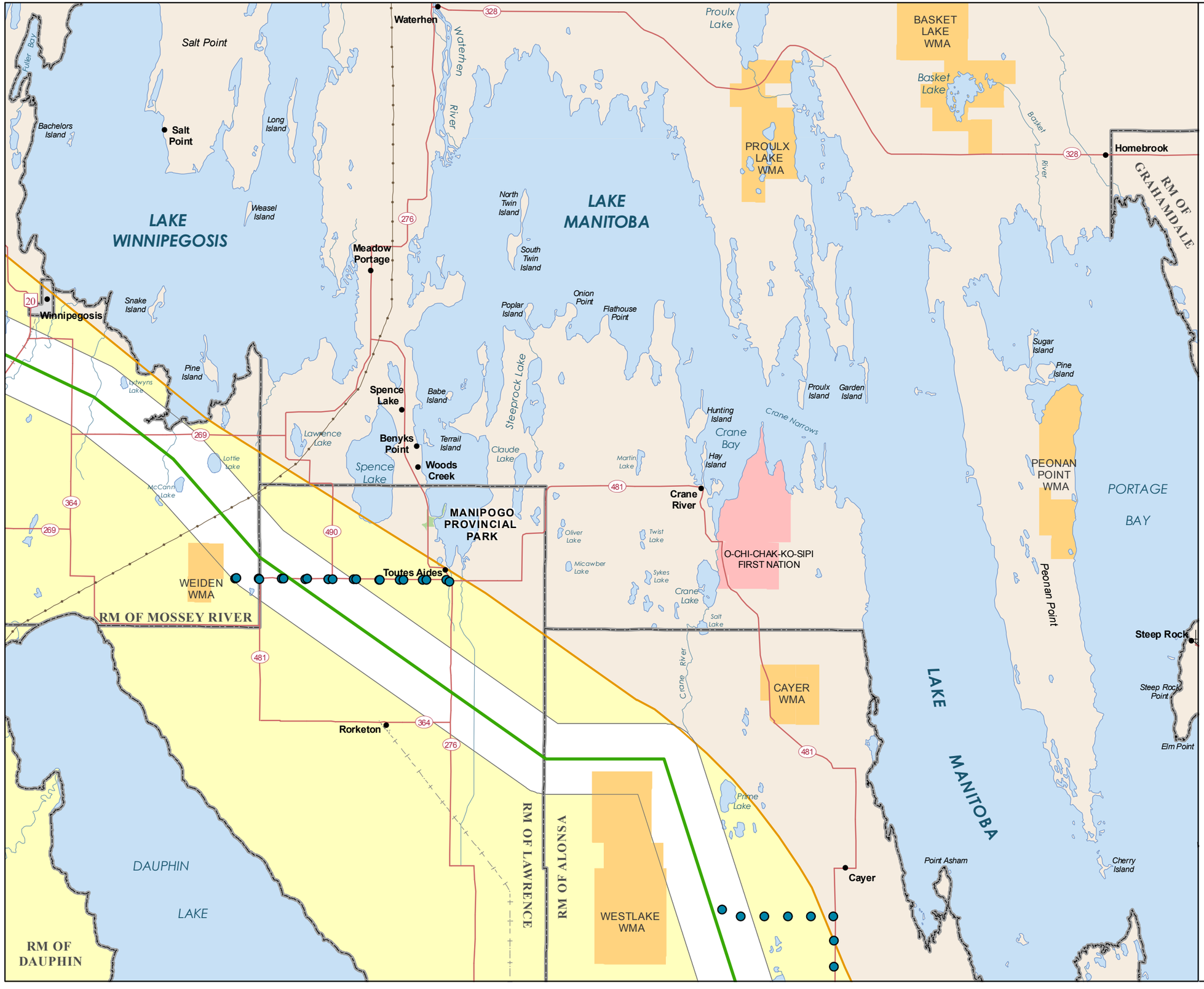
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0 5 10 Kilometres
0 3 6 Miles

1:250,000

Location of 2010 Nocturnal Owl Surveys

Map 100-12



Manitoba Hydro

Bipole III Transmission Project

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

Infrastructure
- Bipole I and II
- Transmission Line
- Electrical Station

Nocturnal Owl Survey Location 2010
- Nocturnal Owl - Roadside Station

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

Coordinate System: UTM Zone 14N NAD83
Data Source: MBHydro, MMM, Stantec, ProvMB, NRCAN, WRCS
Date Created: July 28, 2011

N

0 5 10 Kilometres
0 3 6 Miles

1:250,000

Location of 2010 Nocturnal Owl Surveys

Map 100-13

Manitoba Hydro

Bipole III Transmission Project

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

Infrastructure
- Bipole I and II
- Transmission Line
- Electrical Station

Nocturnal Owl Survey Location 2010
- Nocturnal Owl - Roadside Station

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

Coordinate System: UTM Zone 14N NAD83
Data Source: MBHydro, MMM, Stantec, ProvMB, NRCAN, WRCS
Date Created: July 28, 2011

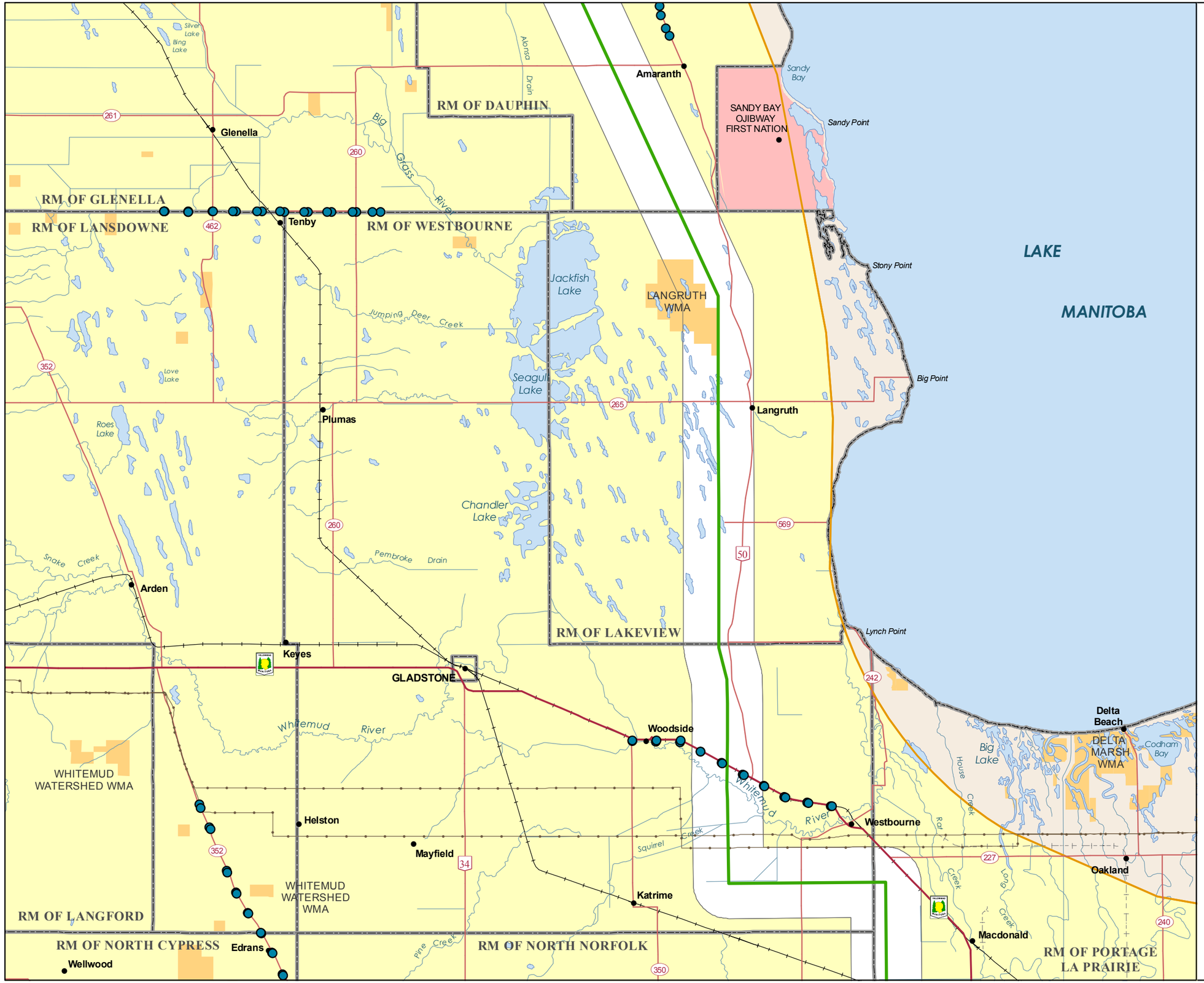
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0 5 10 Kilometres
0 3 6 Miles

1:250,000

Location of 2010 Nocturnal Owl Surveys

Map 100-14



Manitoba Hydro

Bipole III Transmission Project

Project Infrastructure

- Final Preferred Route
- Local Study Area
- Project Study Area

Infrastructure

- Bipole I and II
- Transmission Line
- Electrical Station

Nocturnal Owl Survey Location 2010

- Nocturnal Owl - Roadside Station

Landbase

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

Coordinate System: UTM Zone 14N NAD83
Data Source: MBHydro, MMM, Stantec, ProvMB, NRCAN, WRCS
Date Created: July 28, 2011

N

0 5 10 Kilometres

0 3 6 Miles

1:250,000

Location of 2010 Nocturnal Owl Surveys

Map 100-15

Manitoba Hydro

Bipole III Transmission Project

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

Infrastructure
- Bipole I and II
- Transmission Line
- Electrical Station

Nocturnal Owl Survey Location 2010
- Nocturnal Owl - Roadside Station

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

PORTAGE LA PRAIRIE
High Bluff
Bagot
Dakota Tipi
DAKOTA TIPI FIRST NATION
Crescent Lake
LaSalle River
Mill Creek
La Salle River
St. Eustache
RM OF ST. FRANCOIS XAVIER
Newton
Oakville
Fortier
Benard
Elie
Dacotah
Southport
Elm River
Bagot Creek
ASSINIBOINE RIVER
Edwin
LONG PLAIN FIRST NATION
Rossendale
RM OF NORTH NORFOLK
Lavenham
WHITEMUD WATERSHED WMA
PORTAGE SANDHILLS WMA
Layland
RM OF PORTAGE LA PRAIRIE
RM OF GREY
RM OF CARTIER
Starbuck
Fannystelle
Culross
RM OF MACDONALD
Boyne River
Elm Creek
Haywood
Elm Creek
St. Claude
Rathwell
Treherne
11-A Drain
Pinkerton Lakes
RM OF SOUTH NORFOLK
STEPHENFIELD PROVINCIAL PARK
Notre Dame de Lourdes
RM OF LORNE
Graysville
Roseisle
Homewood
Sperling
CARMAN
Cypress River
Cardinal
Lyles Creek
RM OF THOMPSON
RM OF MORRIS
RM OF DUFFERIN
RM OF ROLAND
Tabacco Creek

Coordinate System: UTM Zone 14N NAD83
Data Source: MBHydro, MMM, Stantec, ProvMB, NRCAN, WRCS
Date Created: July 28, 2011

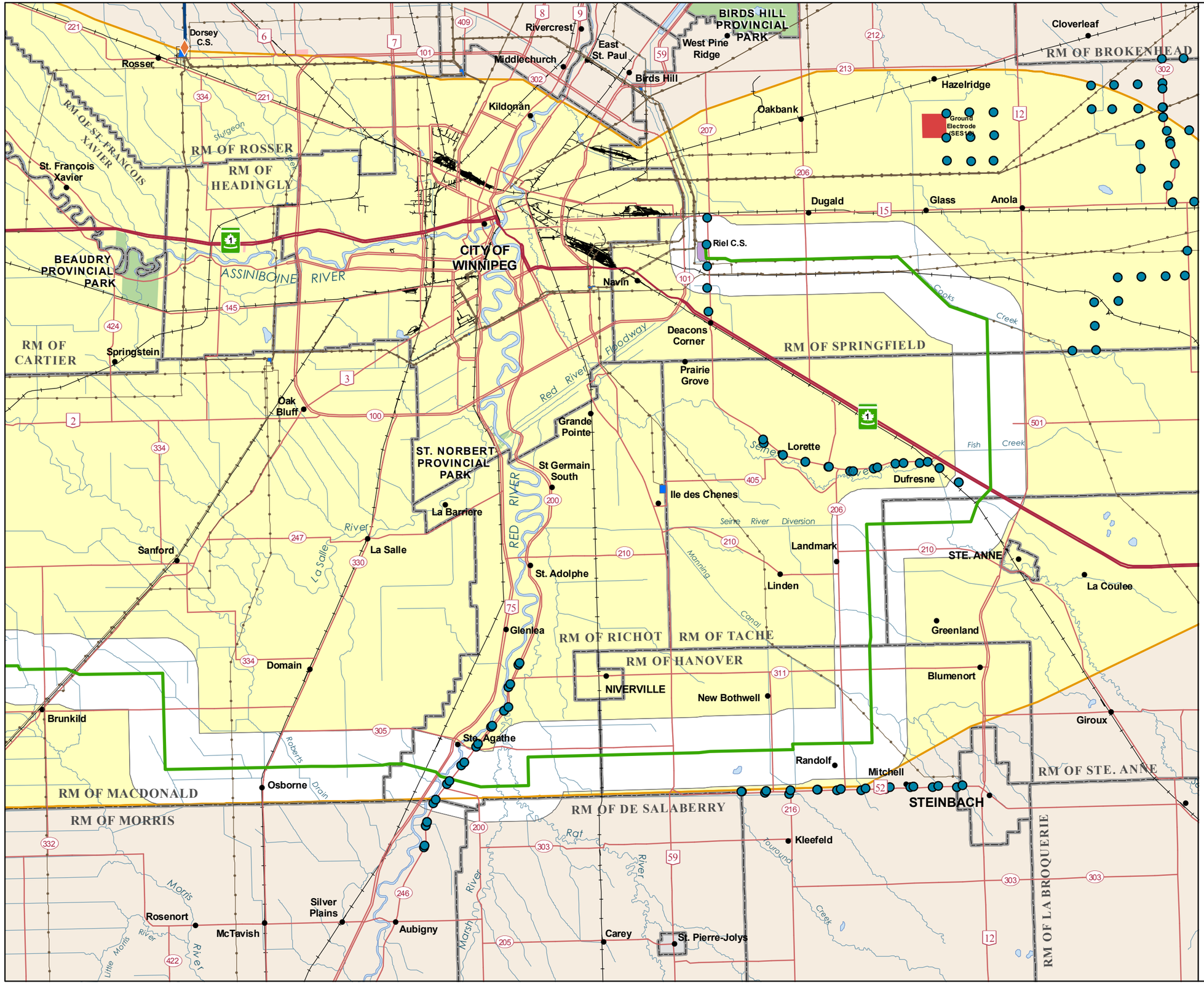
N

0 5 10 Kilometres
0 3 6 Miles

1:250,000

Location of 2010 Nocturnal Owl Surveys

Map 100-16



Manitoba Hydro

Bipole III Transmission Project

Project Infrastructure

- Final Preferred Route
- Converter Station Site
- Ground Electrode Site
- Local Study Area
- Project Study Area

Infrastructure

- Converter Station
- Bipole I and II
- Transmission Line
- Electrical Station

Nocturnal Owl Survey Location 2010

- Nocturnal Owl - Roadside Station

Landbase

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

Coordinate System: UTM Zone 14N NAD83
Data Source: MBHydro, MMM, Stantec, ProvMB, NRCAN, WRCS
Date Created: July 28, 2011

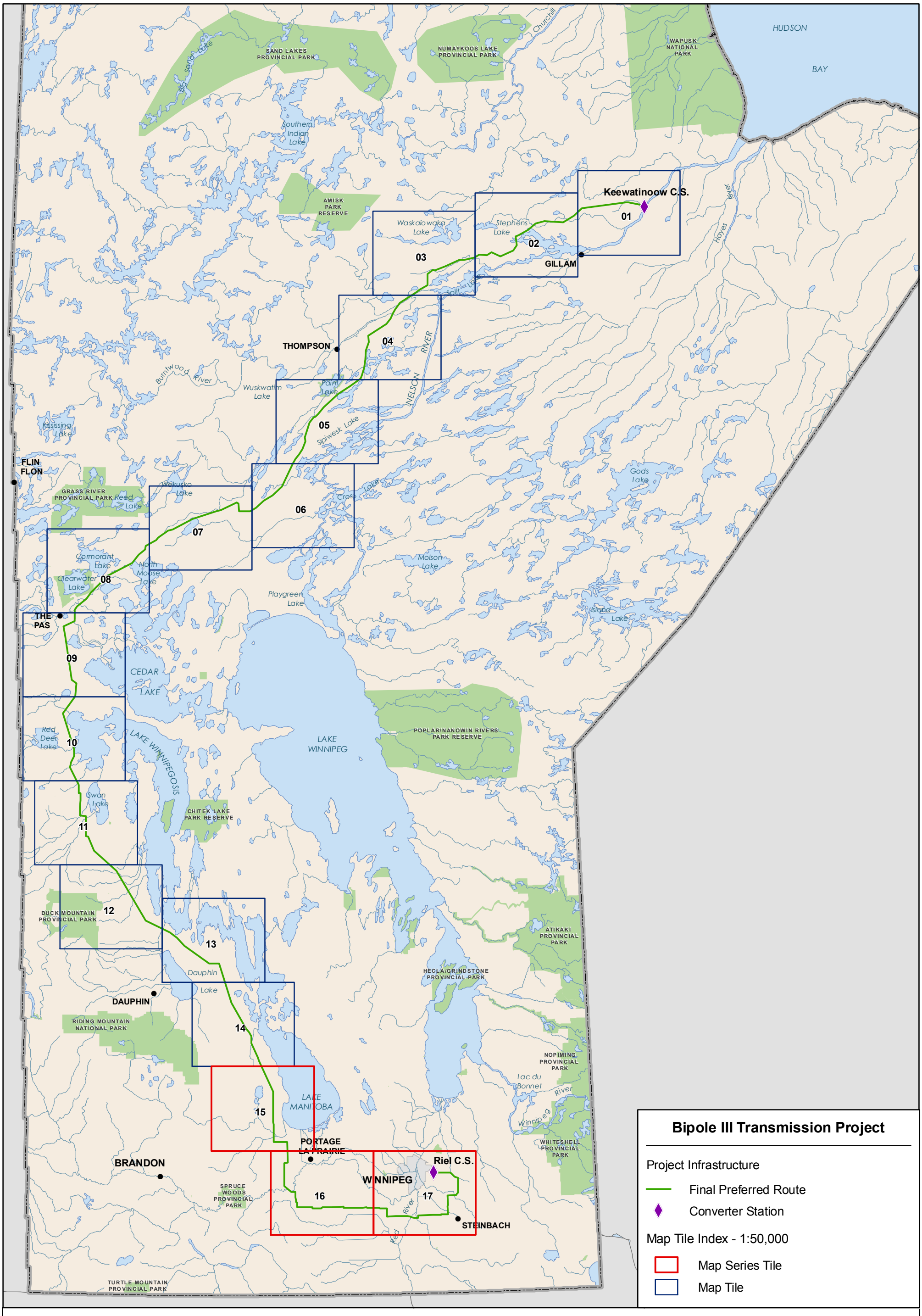
N

0 5 10 Kilometres
0 3 6 Miles

1:250,000

Location of 2010 Nocturnal Owl Surveys

Map 100-17



Bipole III Transmission Project

Project Infrastructure

- Final Preferred Route
- Converter Station

Map Tile Index - 1:50,000

- Map Series Tile
- Map Tile

Manitoba Hydro

Coordinate System: UTM Zone 14N NAD83
Data Source: MB Hydro, MMM, Stantec, ProvMB
Date Created: July 28, 2011

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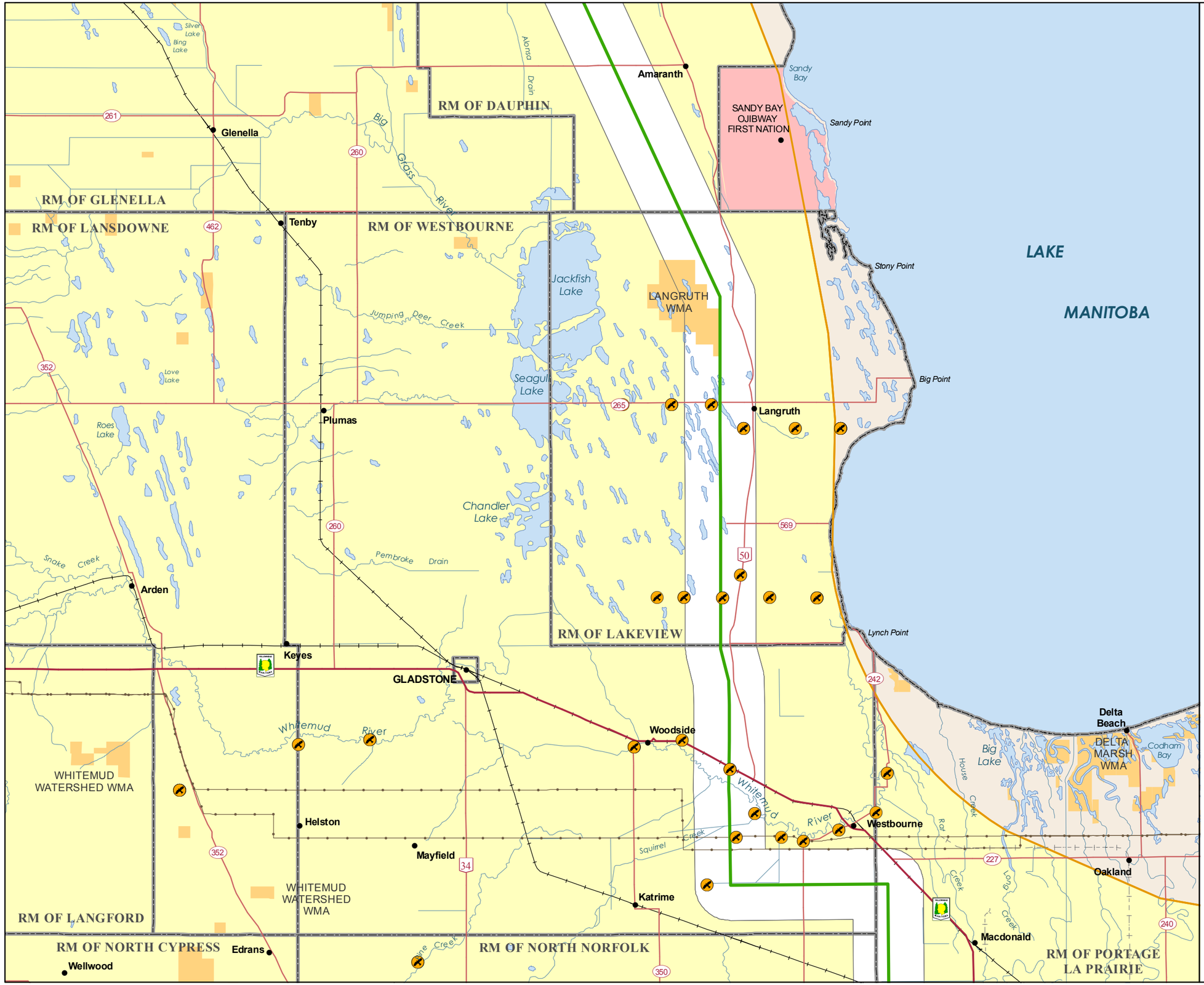
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1:2,750,000

Index of Map Series

Location of 2010 Raptor Migration Surveys

Map Series 200



Manitoba Hydro

Bipole III Transmission Project

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

Infrastructure
- Bipole I and II
- Transmission Line
- Electrical Station

Raptor Survey Location 2010
- Raptor - Roadside Station

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

Coordinate System: UTM Zone 14N NAD83
Data Source: MBHydro, MMM, Stantec, ProvMB, NRCAN, WRCS
Date Created: July 28, 2011

N

0 5 10 Kilometres
0 3 6 Miles

1:250,000

Location of 2010 Raptor Migration Surveys

Map 200-15

Manitoba Hydro

Bipole III Transmission Project

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

Infrastructure
- Bipole I and II
- Transmission Line
- Electrical Station

Raptor Survey Location 2010
- Raptor - Roadside Station

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

Coordinate System: UTM Zone 14N NAD83
Data Source: MBHydro, MMM, Stantec, ProvMB, NRCAN, WRCS
Date Created: July 28, 2011

N

0 5 10 Kilometres
0 3 6 Miles

1:250,000

Location of 2010 Raptor Migration Surveys

Map 200-16

Manitoba Hydro

Bipole III Transmission Project

Project Infrastructure

- Final Preferred Route
- Converter Station Site
- Ground Electrode Site
- Local Study Area
- Project Study Area

Infrastructure

- Converter Station
- Bipole I and II
- Transmission Line
- Electrical Station

Raptor Survey Location 2010

- Raptor - Roadside Station

Landbase

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

Coordinate System: UTM Zone 14N NAD83
Data Source: MBHydro, MMM, Stantec, ProvMB, NRCAN, WRCS
Date Created: July 28, 2011

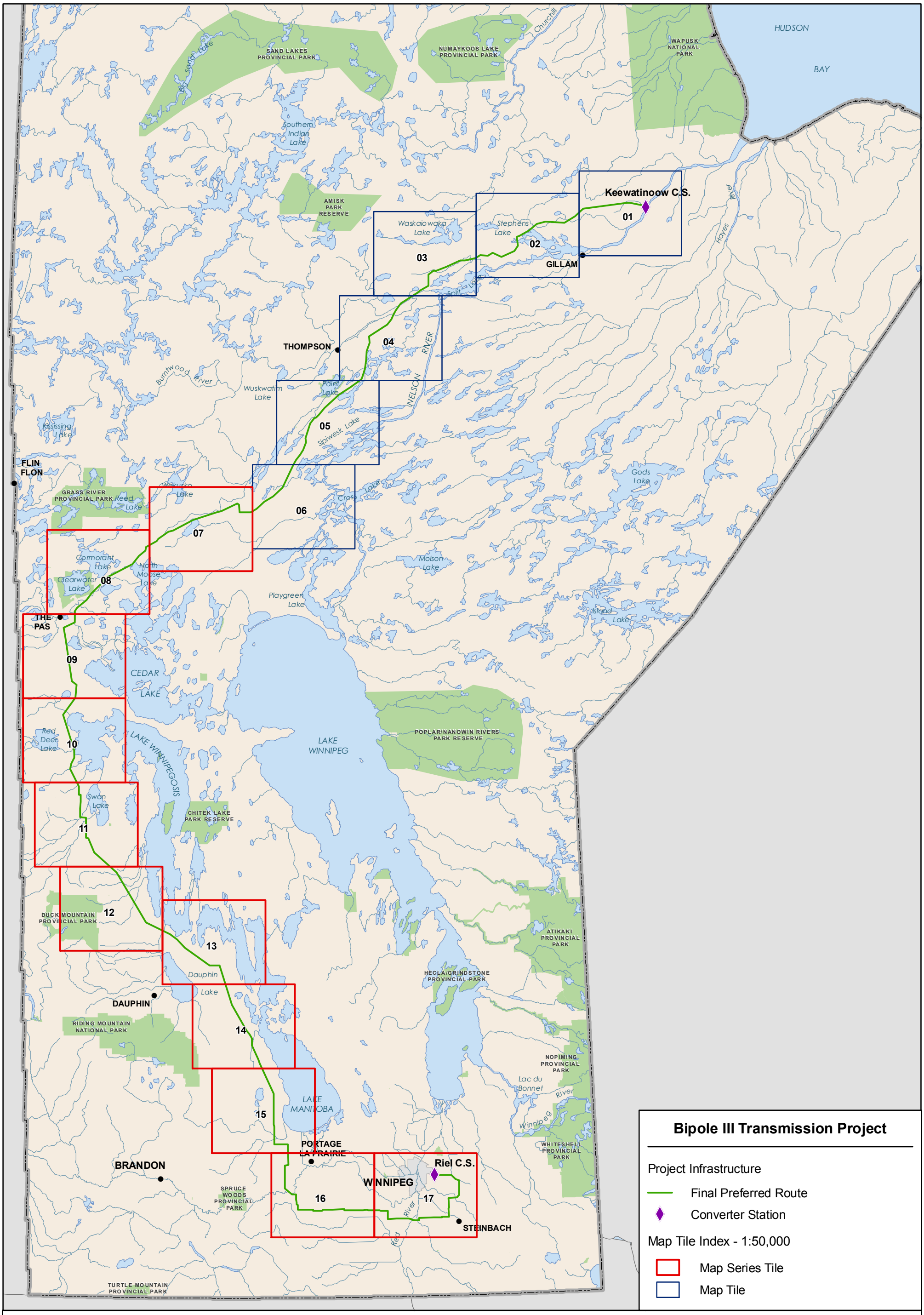
N

0 5 10 Kilometres
0 3 6 Miles

1:250,000

Location of 2010 Raptor Migration Surveys

Map 200-17



Bipole III Transmission Project

Project Infrastructure

- Final Preferred Route
- Converter Station

Map Tile Index - 1:50,000

- Map Series Tile
- Map Tile

Manitoba Hydro

Coordinate System: UTM Zone 14N NAD83
Data Source: MB Hydro, MMM, Stantec, ProvMB
Date Created: July 28, 2011

0 25 50 Kilometres
0 25 50 Miles

N

1:2,750,000

Index of Map Series

Location of 2009 Breeding Bird Surveys

Map Series 300

Manitoba Hydro

Bipole III Transmission Project

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

Infrastructure
- Bipole I and II
- Transmission Line
- Electrical Station

Breeding Bird Survey Location 2009
- Breeding Bird - Point Count Location
- Rare Bird - Point Count Location

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

Coordinate System: UTM Zone 14N NAD83
Data Source: MBHydro, MMM, Stantec, ProvMB, NRCAN, WRCS
Date Created: July 28, 2011

N

0 5 10 Kilometres
0 3 6 Miles

1:250,000

Location of 2009 Breeding Bird Surveys

Map 300-07

Manitoba Hydro

Bipole III Transmission Project

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

Infrastructure
- Bipole I and II
- Transmission Line
- Electrical Station

Breeding Bird Survey Location 2009
- Breeding Bird - Point Count Location
- Rare Bird - Point Count Location

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

Coordinate System: UTM Zone 14N NAD83
Data Source: MBHydro, MMM, Stantec, ProvMB, NRCAN, WRCS
Date Created: July 28, 2011

N

0 5 10 Kilometres
0 3 6 Miles

1:250,000

Location of 2009 Breeding Bird Surveys

Map 300-08

Manitoba Hydro

Bipole III Transmission Project

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

Infrastructure
- Bipole I and II
- Transmission Line
- Electrical Station

Breeding Bird Survey Location 2009
- Breeding Bird - Point Count Location
- Rare Bird - Point Count Location

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

Coordinate System: UTM Zone 14N NAD83
Data Source: MBHydro, MMM, Stantec, ProvMB, NRCAN, WRCS
Date Created: July 28, 2011

N

0 5 10 Kilometres
0 3 6 Miles

1:250,000

Location of 2009 Breeding Bird Surveys

Map 300-09

Manitoba Hydro

Bipole III Transmission Project

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

Infrastructure
- Bipole I and II
- Transmission Line
- Electrical Station

Breeding Bird Survey Location 2009
- Breeding Bird - Point Count Location
- Rare Bird - Point Count Location

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

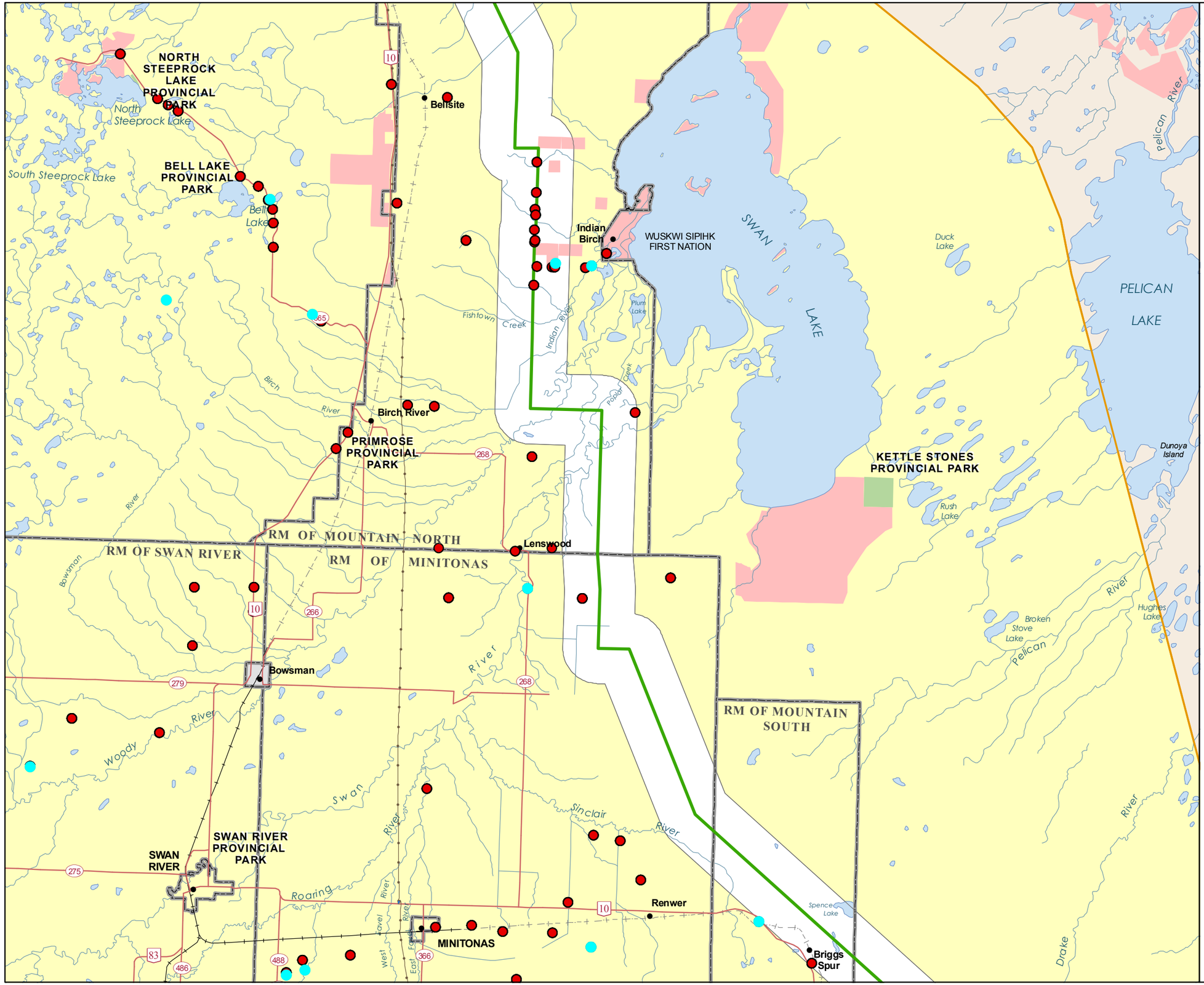
Coordinate System: UTM Zone 14N NAD83
Data Source: MBHydro, MMM, Stantec, ProvMB, NRCAN, WRCS
Date Created: July 28, 2011

N

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

Location of 2009 Breeding Bird Surveys

Map 300-10



Manitoba Hydro

Bipole III Transmission Project

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

Infrastructure
- Bipole I and II
- Transmission Line
- Electrical Station

Breeding Bird Survey Location 2009
- Breeding Bird - Point Count Location
- Rare Bird - Point Count Location

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

Coordinate System: UTM Zone 14N NAD83
Data Source: MBHydro, MMM, Stantec, ProvMB, NRCAN, WRCS
Date Created: July 28, 2011

N

0 5 10 Kilometres
0 3 6 Miles

1:250,000

Location of 2009 Breeding Bird Surveys

Map 300-11

Manitoba Hydro

Bipole III Transmission Project

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

Infrastructure
- Bipole I and II
- Transmission Line
- Electrical Station

Breeding Bird Survey Location 2009
- Breeding Bird - Point Count Location
- Rare Bird - Point Count Location

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

RM OF MINITONAS
SPRINGWATER PROVINCIAL PARK
RM OF MOUNTAIN SOUTH
RM OF ETHELBERT
RM OF MOSSEY RIVER
DUCK MOUNTAIN PROVINCIAL PARK
POINT RIVER WMA
Cowan
Pine River
Camperville
Duck River
Garland
Ethelbert
Fork River
Gamblers Point
McKay Point
Sagemace Bay (Lake Winnipegosis)
Coleman Bay
Spruce Island
Sugar Island
Long Island
Camping Island
Duck Island
Wellman Lake
Big Bobs Lake
Line Lake
Ketchum Lake
Pine River Lake
Grassy Island Lake
Little Island Lake
Childs Lake
West Blue Lake
East Blue Lake
Singush Lake
McLellan Lake
Gull Lake
Beautiful Lake
Shallow Lake
Whitemud Lake
Storm Lake
Elk Lake
Island Lake
Shanty Lake
North Angling Lake
East Angling Lake
Loon Lake
Fishing River
Roaring River
Shell River
East Shell River
Scalter
South Duck River
North Duck River
Pine River
Garland River
Fork River
Mossey River
Point River
Duck River
Coleman Bay
Sagemace Bay (Lake Winnipegosis)
485
366
10
20
271
272
489
367
269
274

Coordinate System: UTM Zone 14N NAD83
Data Source: MBHydro, MMM, Stantec, ProvMB, NRCAN, WRCS
Date Created: July 28, 2011

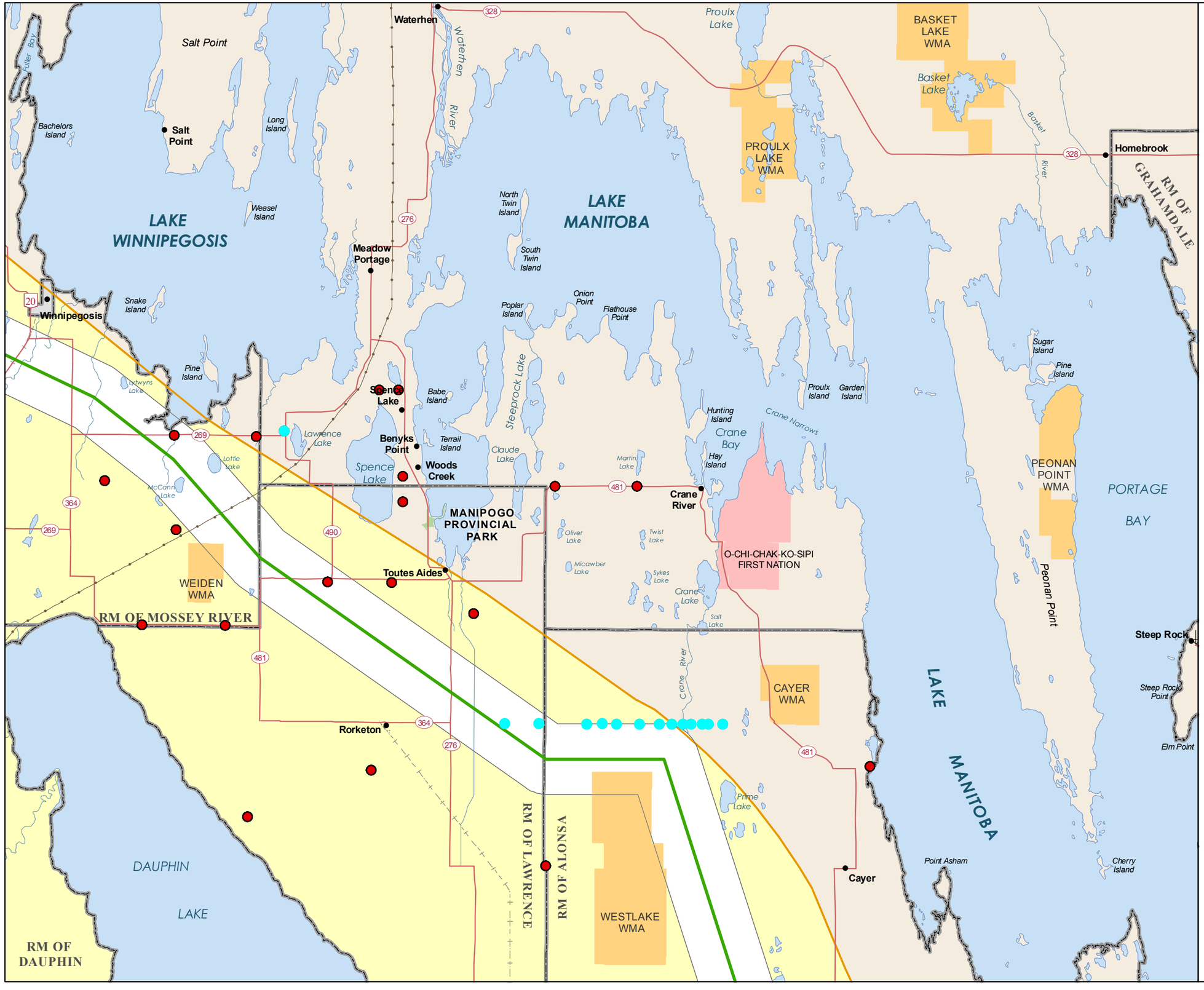
N

0 5 10 Kilometres
0 3 6 Miles

1:250,000

Location of 2009 Breeding Bird Surveys

Map 300-12



Manitoba Hydro

Bipole III Transmission Project

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

Infrastructure
- Bipole I and II
- Transmission Line
- Electrical Station

Breeding Bird Survey Location 2009
- Breeding Bird - Point Count Location
- Rare Bird - Point Count Location

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

Coordinate System: UTM Zone 14N NAD83
Data Source: MBHydro, MMM, Stantec, ProvMB, NRCAN, WRCS
Date Created: July 28, 2011

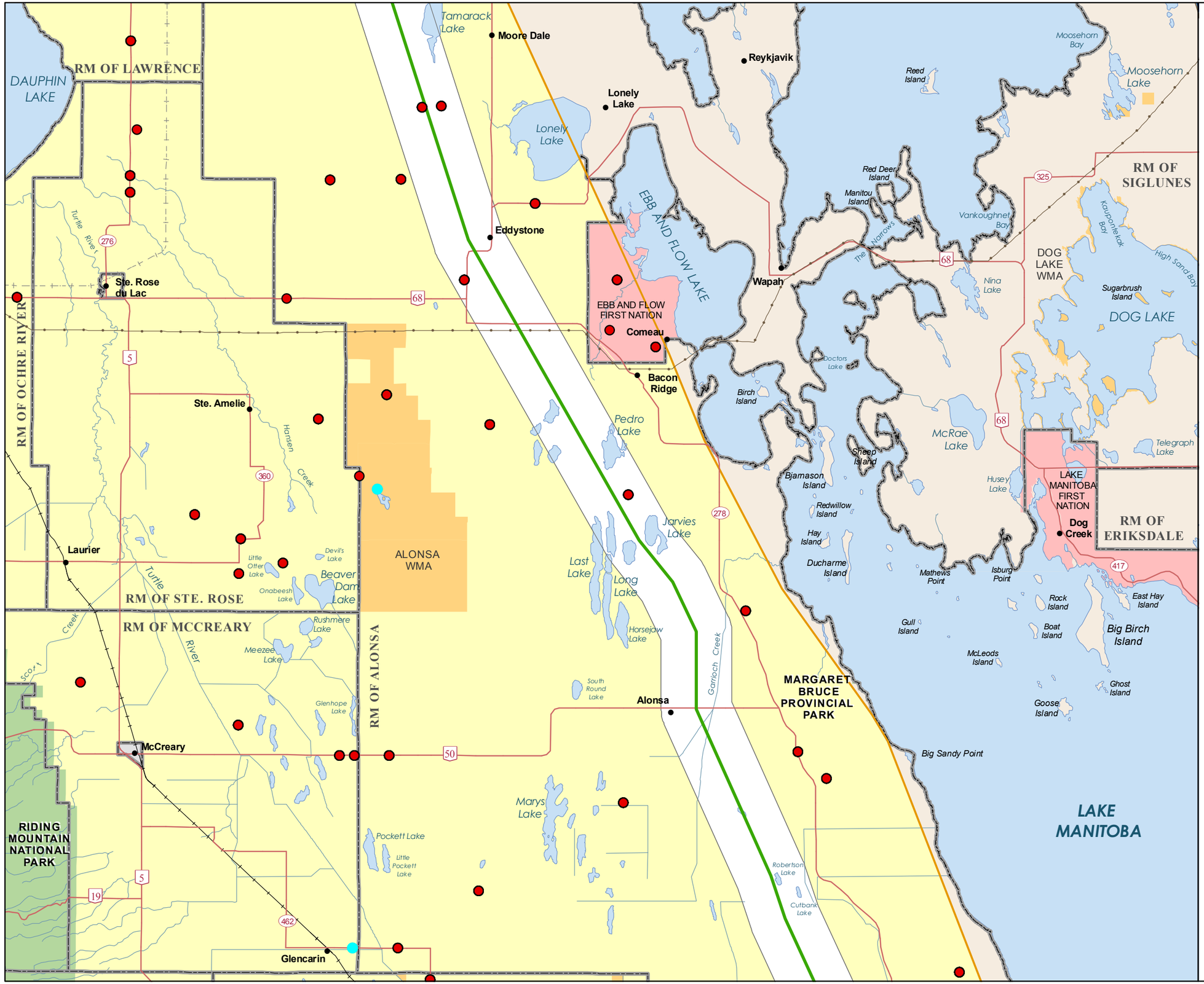
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0 5 10 Kilometres
0 3 6 Miles

1:250,000

Location of 2009 Breeding Bird Surveys

Map 300-13



Manitoba Hydro

Bipole III Transmission Project

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

Infrastructure
- Bipole I and II
- Transmission Line
- Electrical Station

Breeding Bird Survey Location 2009
- Breeding Bird - Point Count Location
- Rare Bird - Point Count Location

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

Coordinate System: UTM Zone 14N NAD83
Data Source: MBHydro, MMM, Stantec, ProvMB, NRCAN, WRCS
Date Created: July 28, 2011

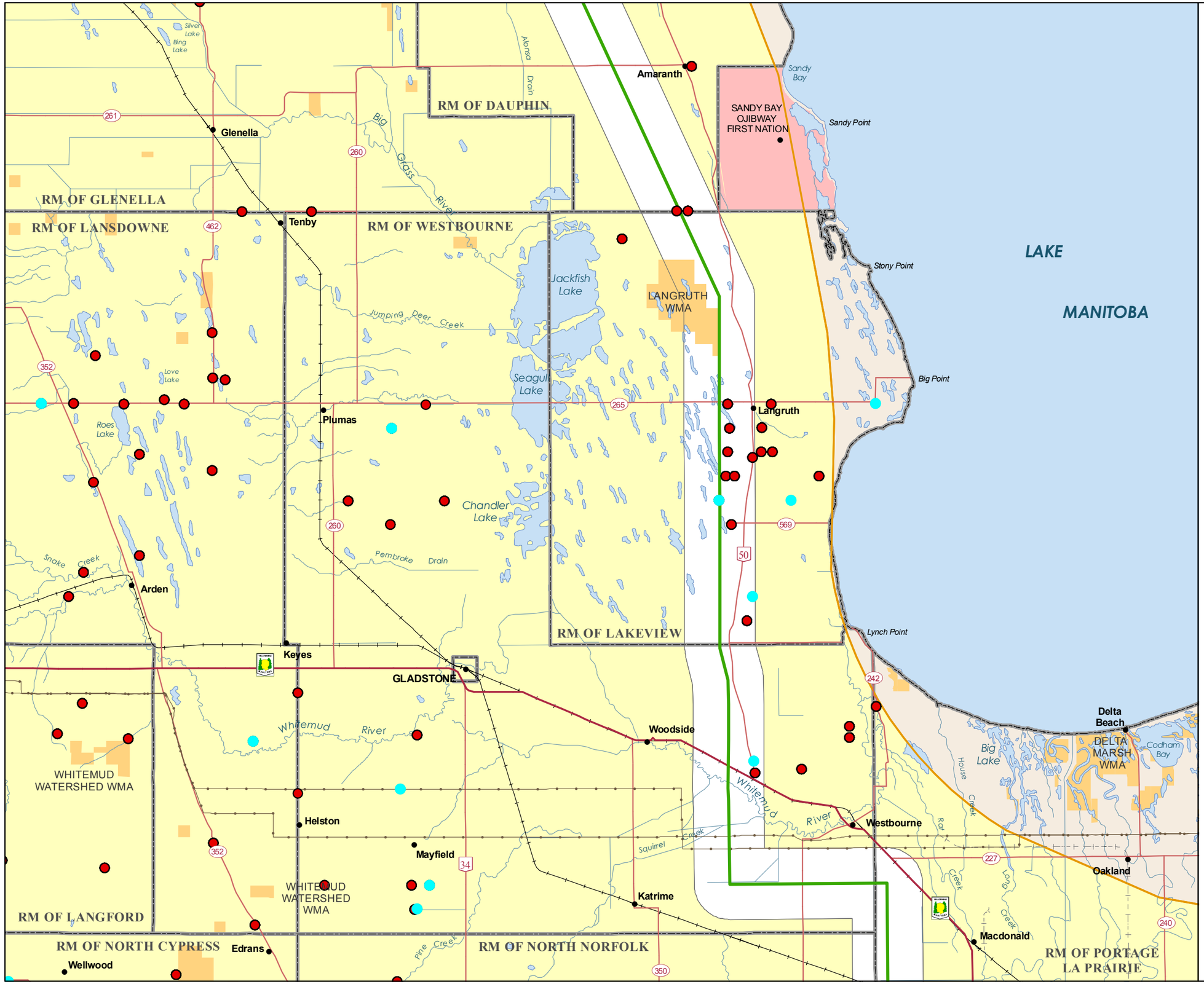
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0 5 10 Kilometres
0 3 6 Miles

1:250,000

Location of 2009 Breeding Bird Surveys

Map 300-14



Manitoba Hydro

Bipole III Transmission Project

Project Infrastructure

- Final Preferred Route
- Local Study Area
- Project Study Area

Infrastructure

- Bipole I and II
- Transmission Line
- Electrical Station

Breeding Bird Survey Location 2009

- Breeding Bird - Point Count Location
- Rare Bird - Point Count Location

Landbase

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

Coordinate System: UTM Zone 14N NAD83
Data Source: MBHydro, MMM, Stantec, ProvMB, NRCAN, WRCS
Date Created: July 28, 2011

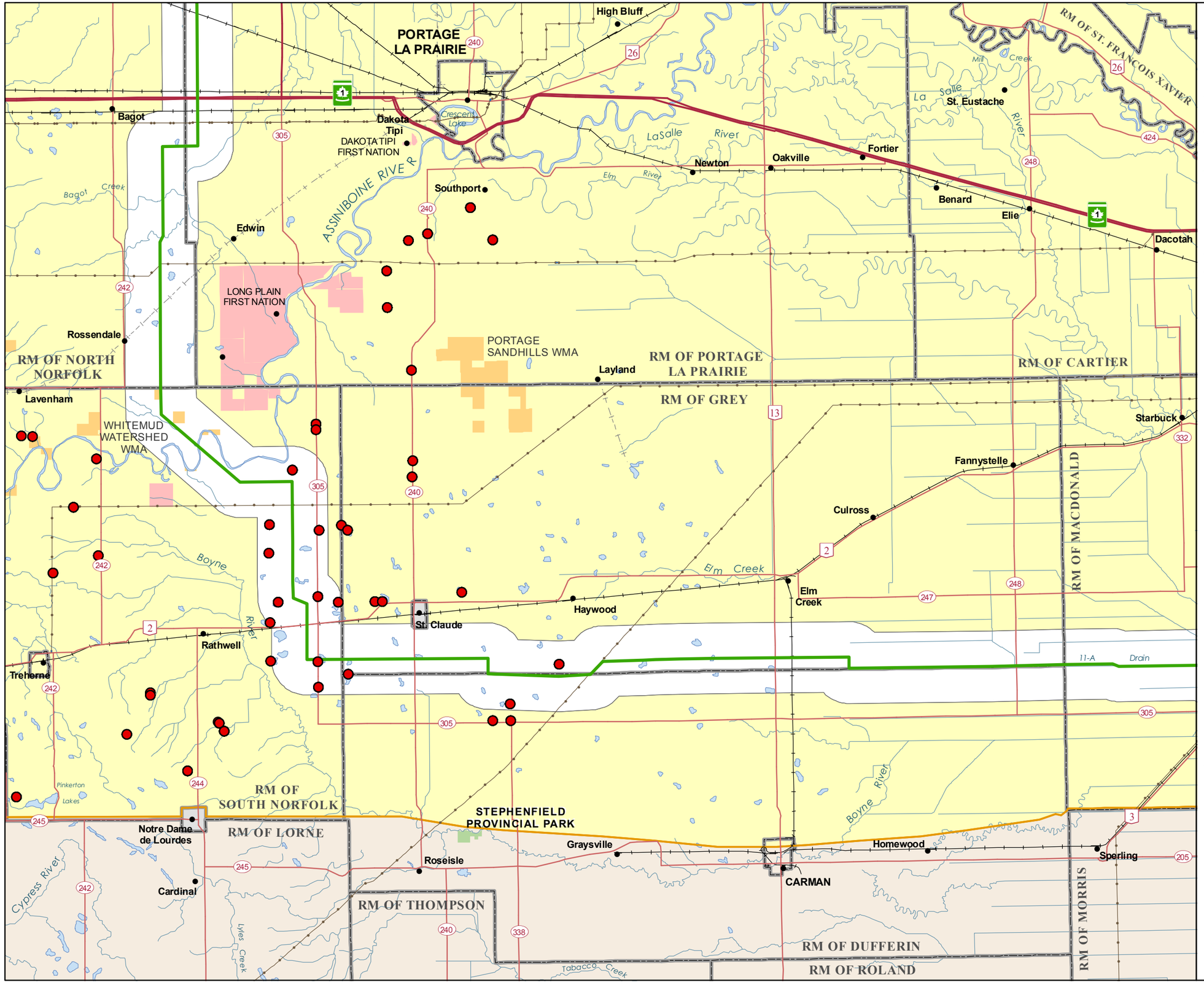
N

0 5 10 Kilometres
0 3 6 Miles

1:250,000

Location of 2009 Breeding Bird Surveys

Map 300-15



Manitoba Hydro

Bipole III Transmission Project

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

Infrastructure
- Bipole I and II
- Transmission Line
- Electrical Station

Breeding Bird Survey Location 2009
- Breeding Bird - Point Count Location
- Rare Bird - Point Count Location

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

Coordinate System: UTM Zone 14N NAD83
Data Source: MBHydro, MMM, Stantec, ProvMB, NRCAN, WRCS
Date Created: July 28, 2011

N

0 5 10 Kilometres
0 3 6 Miles

1:250,000

Location of 2009 Breeding Bird Surveys

Map 300-16

Manitoba Hydro

Bipole III Transmission Project

Project Infrastructure

- Final Preferred Route
- Converter Station Site
- Ground Electrode Site
- Local Study Area
- Project Study Area

Infrastructure

- Converter Station
- Bipole I and II
- Transmission Line
- Electrical Station

Breeding Bird Survey Location 2009

- Breeding Bird - Point Count Location
- Rare Bird - Point Count Location

Landbase

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

Coordinate System: UTM Zone 14N NAD83
Data Source: MBHydro, MMM, Stantec, ProvMB, NRCAN, WRCS
Date Created: July 28, 2011

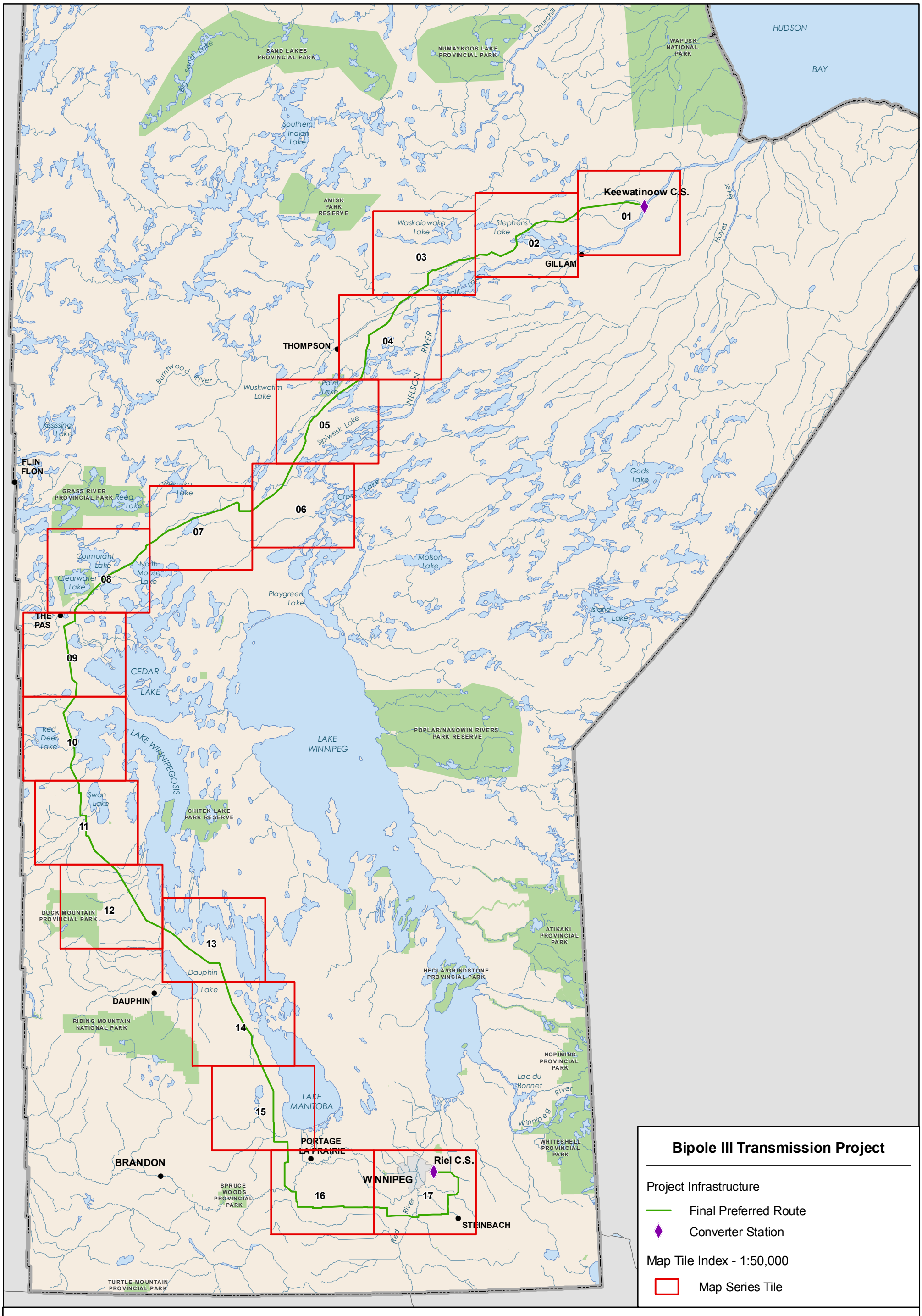
N

0 5 10 Kilometres
0 3 6 Miles

1:250,000

Location of 2009 Breeding Bird Surveys

Map 300-17



Bipole III Transmission Project

Project Infrastructure

- Final Preferred Route
- Converter Station

Map Tile Index - 1:50,000

- Map Series Tile

Manitoba Hydro

Coordinate System: UTM Zone 14N NAD83
Data Source: MB Hydro, MMM, Stantec, ProvMB
Date Created: July 28, 2011

0 25 50 Kilometres
0 25 50 Miles

N

1:2,750,000

Index of Map Series

Location of 2010 Breeding Bird Surveys

Map Series 400

Manitoba Hydro

Bipole III Transmission Project

Project Infrastructure

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

Infrastructure

- Converter Station
- Generating Station
- Bipole I and II
- Transmission Line

Breeding Bird Survey Location 2010

- Breeding Bird - Point Count Location
- Breeding Bird - Audio Recording Location

Landbase

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

CHURCHILL WMA

Broten Lake

Jackfish Island

NELSON RIVER

Weir River

Goose Creek

Tiny Creek

Nine Mile Creek

Limestone Creek

Three Mile Creek

Sundance Creek

Moondance Creek

Leslie Creek

Sky Pilot Creek

Boots Creek

Brooks Creek

Construction Power Station

Construction Power Line (KN36)

Construction Camp

Keewatinoow C.S.

Ground Electrode Line (Monitor)

AC Collector Lines

Lower Limestone Rapids

Amery

Henday C.S.

FOX LAKE CREE NATION (BIRD)

Limestone G.S.

Town of Gillam

Angling Lake

Angling River

North Angling River

Merrick Lake

Long Spruce Rapids

Long Spruce G.S.

AC Collector Line

Kettle Rapids

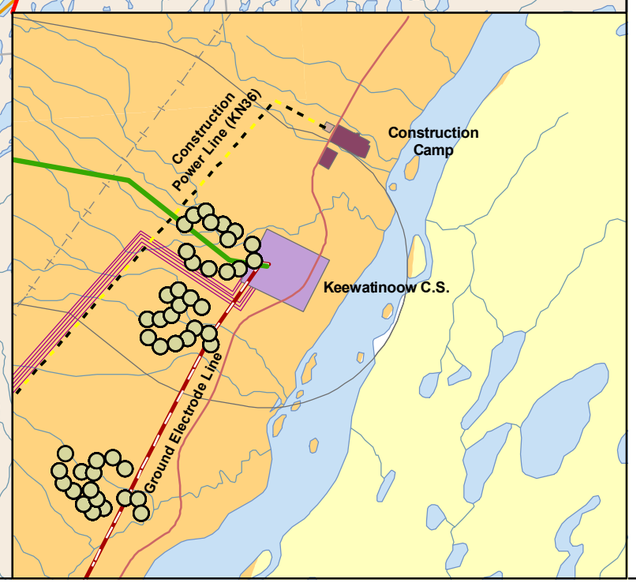
Kettle G.S.

STEPHENS LAKE

Radisson C.S.

280

290



Coordinate System: UTM Zone 14N NAD83
Data Source: MBHydro, MMM, Stantec, ProvMB, NRCAN, WRCS
Date Created: July 28, 2011

N

0 5 10 Kilometres

0 3 6 Miles

1:250,000

Location of 2010 Breeding Bird Surveys

Map 400-01

Manitoba Hydro

Bipole III Transmission Project

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

Infrastructure
- Bipole I and II
- Transmission Line
- Electrical Station

Breeding Bird Survey Location 2010
- Breeding Bird - Point Count Location
- Breeding Bird - Audio Recording Location

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

Coordinate System: UTM Zone 14N NAD83
Data Source: MBHydro, MMM, Stantec, ProvMB, NRCAN, WRCS
Date Created: July 28, 2011

N

0 5 10 Kilometres
0 3 6 Miles

1:250,000

Location of 2010 Breeding Bird Surveys

Map 400-02

Manitoba Hydro

Bipole III Transmission Project

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

Infrastructure
- Bipole I and II
- Transmission Line
- Electrical Station

Breeding Bird Survey Location 2010
- Breeding Bird - Point Count Location
- Breeding Bird - Audio Recording Location

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

Coordinate System: UTM Zone 14N NAD83
Data Source: MBHydro, MMM, Stantec, ProvMB, NRCAN, WRCS
Date Created: July 28, 2011

N

0 5 10 Kilometres
0 3 6 Miles

1:250,000

Location of 2010 Breeding Bird Surveys

Map 400-03

Manitoba Hydro

Bipole III Transmission Project

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

Infrastructure
- Bipole I and II
- Transmission Line
- Electrical Station

Breeding Bird Survey Location 2010
- Breeding Bird - Point Count Location
- Breeding Bird - Audio Recording Location

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

Coordinate System: UTM Zone 14N NAD83
Data Source: MBHydro, MMM, Stantec, ProvMB, NRCAN, WRCS
Date Created: July 28, 2011

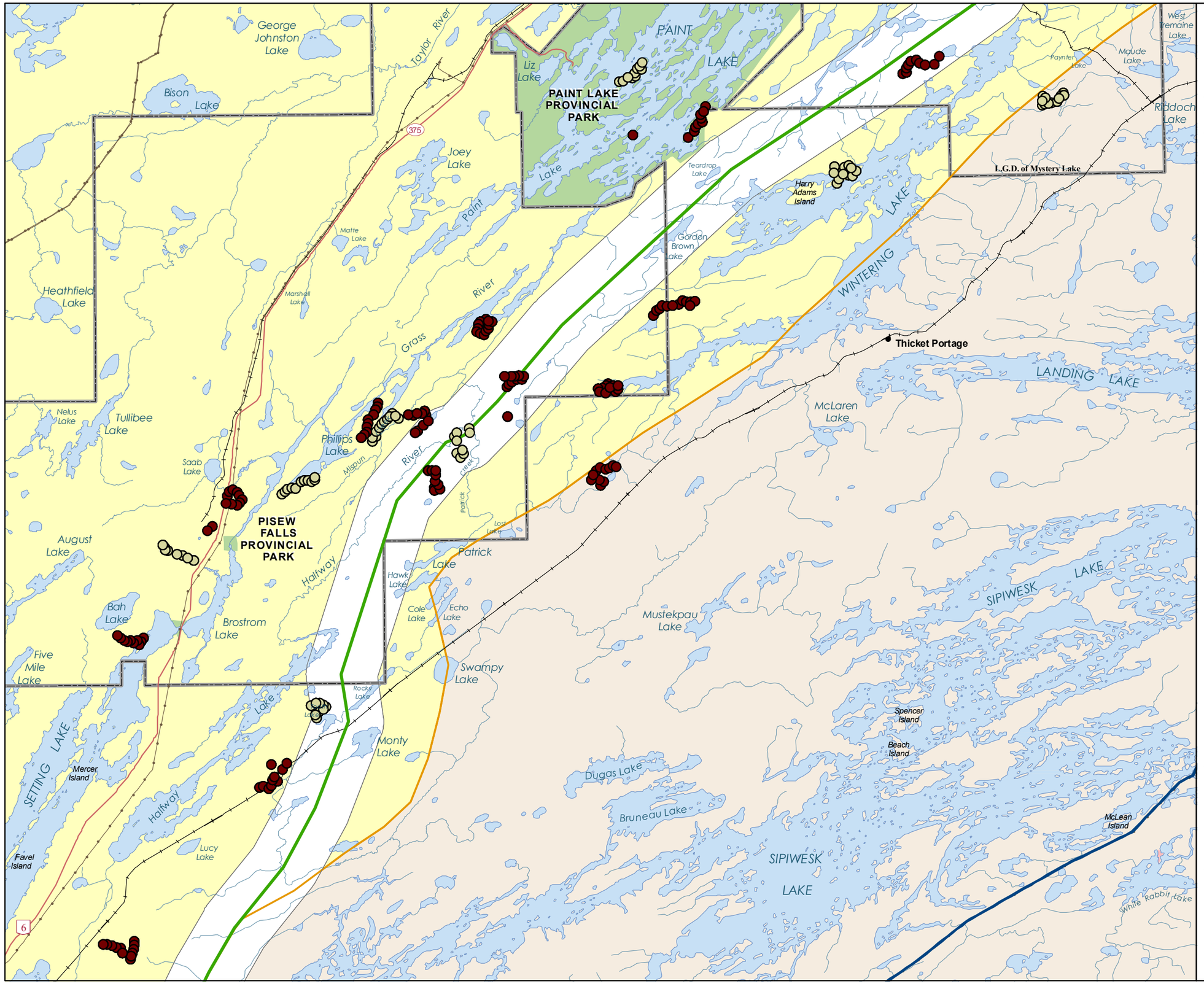
N

0 5 10 Kilometres
0 3 6 Miles

1:250,000

Location of 2010 Breeding Bird Surveys

Map 400-04



Manitoba Hydro

Bipole III Transmission Project

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

Infrastructure
- Bipole I and II
- Transmission Line
- Electrical Station

Breeding Bird Survey Location 2010
- Breeding Bird - Point Count Location
- Breeding Bird - Audio Recording Location

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

Coordinate System: UTM Zone 14N NAD83
Data Source: MBHydro, MMM, Stantec, ProvMB, NRCAN, WRCS
Date Created: July 28, 2011

N

0 5 10 Kilometres
0 3 6 Miles

1:250,000

Location of 2010 Breeding Bird Surveys

Map 400-05

Manitoba Hydro

Bipole III Transmission Project

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

Infrastructure
- Bipole I and II
- Transmission Line
- Electrical Station

Breeding Bird Survey Location 2010
- Breeding Bird - Point Count Location
- Breeding Bird - Audio Recording Location

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

Coordinate System: UTM Zone 14N NAD83
Data Source: MBHydro, MMM, Stantec, ProvMB, NRCAN, WRCS
Date Created: July 28, 2011

N

0 5 10 Kilometres
0 3 6 Miles

1:250,000

Location of 2010 Breeding Bird Surveys

Map 400-06

Manitoba Hydro

Bipole III Transmission Project

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

Infrastructure
- Bipole I and II
- Transmission Line
- Electrical Station

Breeding Bird Survey Location 2010
- Breeding Bird - Point Count Location
- Breeding Bird - Audio Recording Location

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

Coordinate System: UTM Zone 14N NAD83
Data Source: MBHydro, MMM, Stantec, ProvMB, NRCAN, WRCS
Date Created: July 28, 2011

N

0 5 10 Kilometres
0 3 6 Miles

1:250,000

Location of 2010 Breeding Bird Surveys

Map 400-07

Manitoba Hydro

Bipole III Transmission Project

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

Infrastructure
- Bipole I and II
- Transmission Line
- Electrical Station

Breeding Bird Survey Location 2010
- Breeding Bird - Point Count Location
- Breeding Bird - Audio Recording Location

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

Coordinate System: UTM Zone 14N NAD83
Data Source: MBHydro, MMM, Stantec, ProvMB, NRCAN, WRCS
Date Created: July 28, 2011

N

0 5 10 Kilometres
0 3 6 Miles

1:250,000

Location of 2010 Breeding Bird Surveys

Map 400-08

Manitoba Hydro

Bipole III Transmission Project

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

Infrastructure
- Bipole I and II
- Transmission Line
- Electrical Station

Breeding Bird Survey Location 2010
- Breeding Bird - Point Count Location
- Breeding Bird - Audio Recording Location

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

Coordinate System: UTM Zone 14N NAD83
Data Source: MBHydro, MMM, Stantec, ProvMB, NRCAN, WRCS
Date Created: July 28, 2011

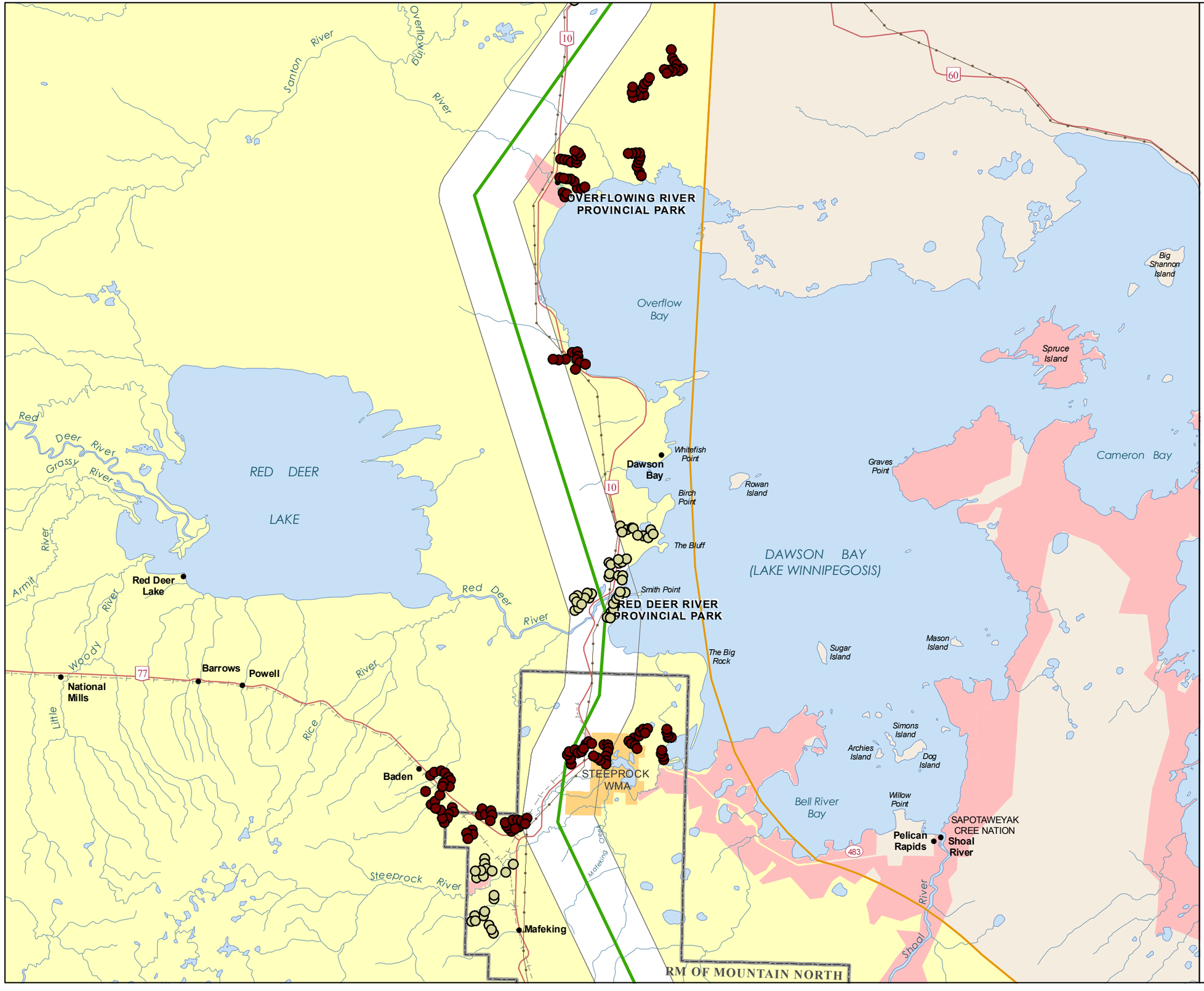
N

0 5 10 Kilometres
0 3 6 Miles

1:250,000

Location of 2010 Breeding Bird Surveys

Map 400-09



Manitoba Hydro

Bipole III Transmission Project

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

Infrastructure
- Bipole I and II
- Transmission Line
- Electrical Station

Breeding Bird Survey Location 2010
- Breeding Bird - Point Count Location
- Breeding Bird - Audio Recording Location

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

Coordinate System: UTM Zone 14N NAD83
Data Source: MBHydro, MMM, Stantec, ProvMB, NRCAN, WRCS
Date Created: July 28, 2011

N

0 5 10 Kilometres
0 3 6 Miles

1:250,000

Location of 2010 Breeding Bird Surveys

Map 400-10

Manitoba Hydro

Bipole III Transmission Project

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

Infrastructure
- Bipole I and II
- Transmission Line
- Electrical Station

Breeding Bird Survey Location 2010
- Breeding Bird - Point Count Location
- Breeding Bird - Audio Recording Location

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

NORTH STEEPROCK LAKE PROVINCIAL PARK
BELL LAKE PROVINCIAL PARK
PRIMROSE PROVINCIAL PARK
SWAN RIVER PROVINCIAL PARK
KETTLE STONES PROVINCIAL PARK
WUSKWI SIPIHK FIRST NATION
RM OF SWAN RIVER
RM OF MOUNTAIN NORTH
RM OF MINITONAS
RM OF MOUNTAIN SOUTH
Bellsite
Indian Birch
Birch River
Lenswood
Bowsman
SWAN RIVER
MINITONAS
Renwer
Briggs Spur
SWAN LAKE
PELICAN LAKE
Duck Lake
Dunoya Island
Rush Lake
Spence Lake
Plum Lake
Fishtown Creek
Indian River
Birch River
Bell Lake
North Steeprock Lake
South Steeprock Lake
Pelican River
Hughes Lake
Broken Stove Lake
Drake River
Woody River
Swan River
Sinclair River
Roaring River
Bowsman River
West Fork River
East Fork River
10
365
268
266
279
275
83
486
488
366

Coordinate System: UTM Zone 14N NAD83
Data Source: MBHydro, MMM, Stantec, ProvMB, NRCAN, WRCS
Date Created: July 28, 2011

N

0 5 10 Kilometres
0 3 6 Miles

1:250,000

Location of 2010 Breeding Bird Surveys

Map 400-11

Manitoba Hydro

Bipole III Transmission Project

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

Infrastructure
- Bipole I and II
- Transmission Line
- Electrical Station

Breeding Bird Survey Location 2010
- Breeding Bird - Point Count Location
- Breeding Bird - Audio Recording Location

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

Coordinate System: UTM Zone 14N NAD83
Data Source: MBHydro, MMM, Stantec, ProvMB, NRCAN, WRCS
Date Created: July 28, 2011

N

0 5 10 Kilometres
0 3 6 Miles

1:250,000

Location of 2010 Breeding Bird Surveys

Map 400-12

RM OF MINITONAS
SPRINGWATER PROVINCIAL PARK
DUCK MOUNTAIN PROVINCIAL PARK
RM OF MOUNTAIN SOUTH
RM OF ETHELBERT
RM OF MOSSEY RIVER
POINT RIVER WMA
Cowan
Duck River
Camperville
Pine River
Garland
Ethelbert
Fork River
Gamblers Point
McKay Point
Sagemace Bay (Lake Winnipegosis)
Coleman Bay
Spruce Island
Sugar Island
Long Island
Camping Island
Duck Island
Wellman Lake
Big Bobs Lake
Line Lake
Pine River Lake
Ketchum Lake
Grassy Island Lake
Little Island Lake
Lake Childs
West Blue Lake
East Blue Lake
Gull Lake
Beautiful Lake
McLellan Lake
Shallow Lake
Whitemud Lake
Singush Lake
Storm Lake
Elk Lake
Island Lake
Shanty Lake
North Angling Lake
East Angling Lake
Loon Lake
485
366
20
10
489
272
271
367
269
274

Manitoba Hydro

Bipole III Transmission Project

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

Infrastructure
- Bipole I and II
- Transmission Line
- Electrical Station

Breeding Bird Survey Location 2010
- Breeding Bird - Point Count Location
- Breeding Bird - Audio Recording Location

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

Coordinate System: UTM Zone 14N NAD83
Data Source: MBHydro, MMM, Stantec, ProvMB, NRCAN, WRCS
Date Created: July 28, 2011

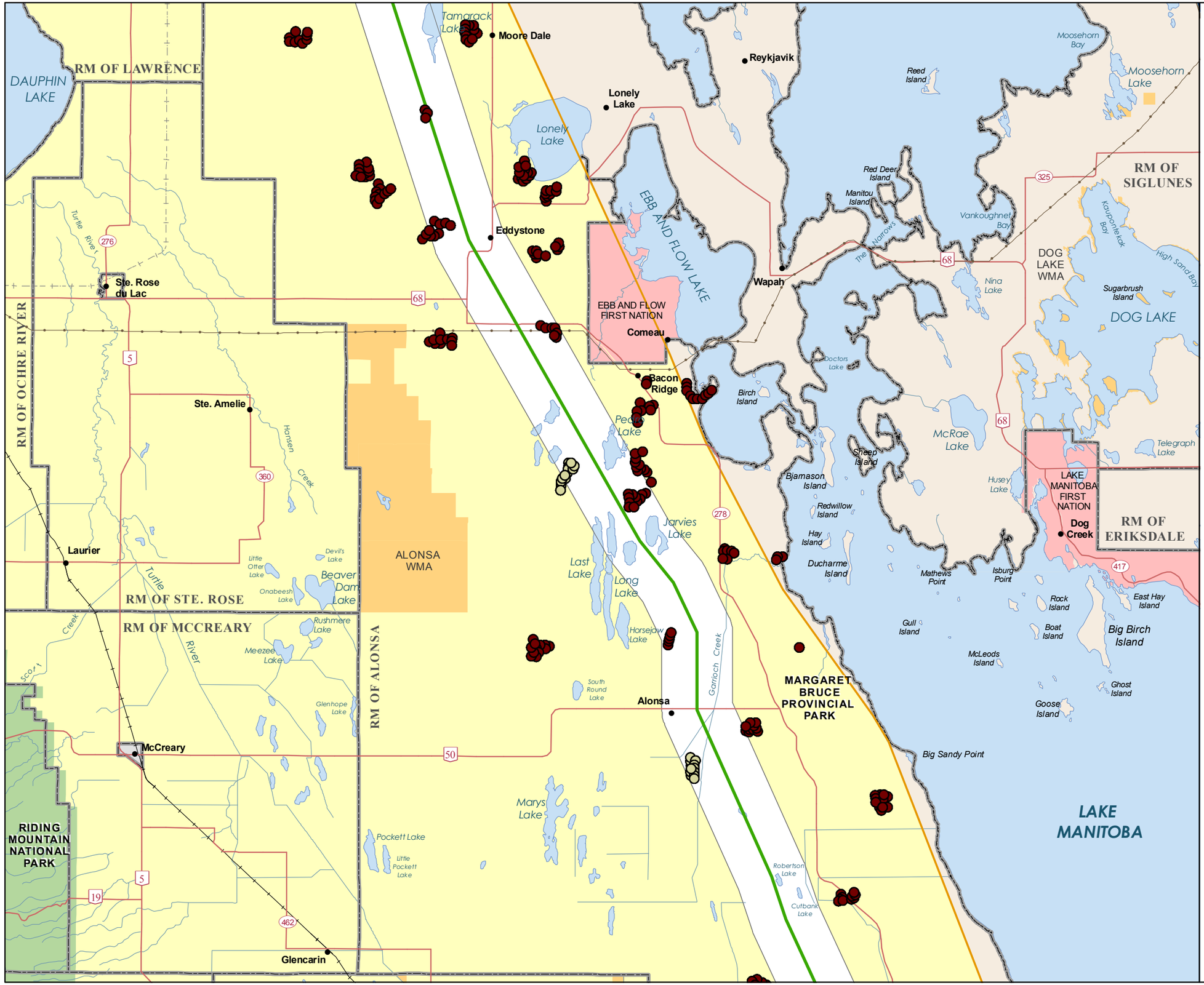
N

0 5 10 Kilometres
0 3 6 Miles

1:250,000

Location of 2010 Breeding Bird Surveys

Map 400-13



Manitoba Hydro

Bipole III Transmission Project

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

Infrastructure
- Bipole I and II
- Transmission Line
- Electrical Station

Breeding Bird Survey Location 2010
- Breeding Bird - Point Count Location
- Breeding Bird - Audio Recording Location

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

Coordinate System: UTM Zone 14N NAD83
Data Source: MBHydro, MMM, Stantec, ProvMB, NRCAN, WRCS
Date Created: July 28, 2011

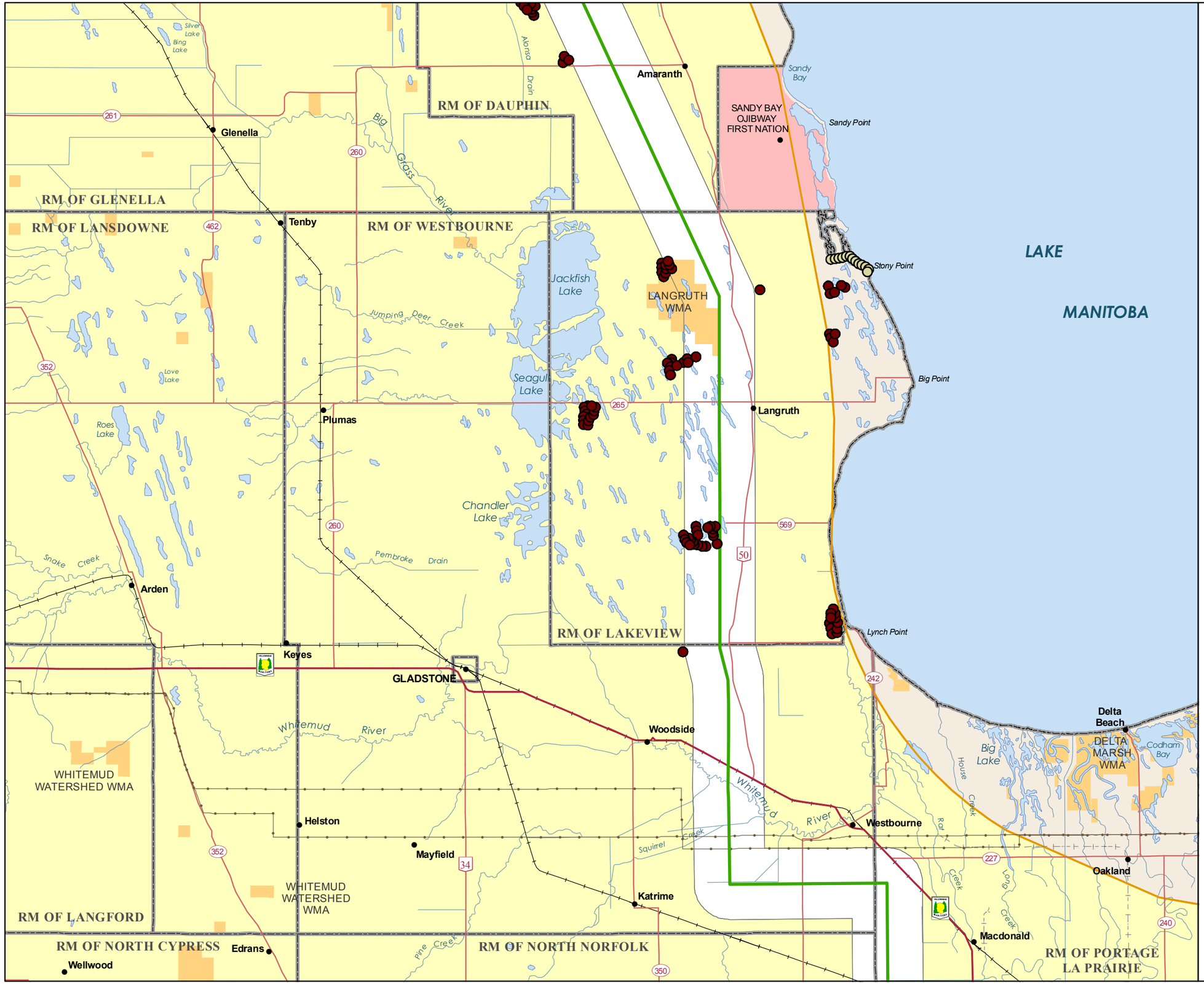
N

0 5 10 Kilometres
0 3 6 Miles

1:250,000

Location of 2010 Breeding Bird Surveys

Map 400-14



Manitoba Hydro

Bipole III Transmission Project

Project Infrastructure

- Final Preferred Route
- Local Study Area
- Project Study Area

Infrastructure

- Bipole I and II
- Transmission Line
- Electrical Station

Breeding Bird Survey Location 2010

- Breeding Bird - Point Count Location
- Breeding Bird - Audio Recording Location

Landbase

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

Coordinate System: UTM Zone 14N NAD83
Data Source: MBHydro, MMM, Stantec, ProvMB, NRCAN, WRCS
Date Created: July 28, 2011

N

0 5 10 Kilometres
0 3 6 Miles

1:250,000

Location of 2010 Breeding Bird Surveys

Map 400-15

Manitoba Hydro

Bipole III Transmission Project

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

Infrastructure
- Bipole I and II
- Transmission Line
- Electrical Station

Breeding Bird Survey Location 2010
- Breeding Bird - Point Count Location
- Breeding Bird - Audio Recording Location

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

PORTAGE LA PRAIRIE
High Bluff
Bagot
Dakota Tipi
DAKOTA TIPI FIRST NATION
Crescent Lake
LaSalle River
Mill Creek
La Salle River
St. Eustache
RM OF ST. FRANCOIS XAVIER
Newton
Oakville
Fortier
Benard
Elie
Dacotah
Southport
Elm River
Bagot Creek
ASSINIBOINE RIVER
Edwin
LONG PLAIN FIRST NATION
Rossendale
RM OF NORTH NORFOLK
Lavenham
WHITEMUD WATERSHED WMA
PORTAGE SANDHILLS WMA
Layland
RM OF PORTAGE LA PRAIRIE
RM OF GREY
RM OF CARTIER
Starbuck
Fannystelle
Culross
RM OF MACDONALD
Haywood
Elm Creek
St. Claude
Rathwell
Treherne
Boyne River
11-A Drain
Pinkerton Lakes
RM OF SOUTH NORFOLK
STEPHENFIELD PROVINCIAL PARK
Notre Dame de Lourdes
RM OF LORNE
Graysville
Roseisle
Homewood
Sperling
CARMAN
Cypress River
Cardinal
Lyles Creek
RM OF THOMPSON
Tabacco Creek
RM OF DUFFERIN
RM OF ROLAND
RM OF MORRIS

Coordinate System: UTM Zone 14N NAD83
Data Source: MBHydro, MMM, Stantec, ProvMB, NRCAN, WRCS
Date Created: July 28, 2011

N

0 5 10 Kilometres
0 3 6 Miles

1:250,000

Location of 2010 Breeding Bird Surveys

Map 400-16

Manitoba Hydro

Bipole III Transmission Project

Project Infrastructure

- Final Preferred Route
- Converter Station Site
- Ground Electrode Site
- Local Study Area
- Project Study Area

Infrastructure

- Converter Station
- Bipole I and II
- Transmission Line
- Electrical Station

Breeding Bird Survey Location 2010

- Breeding Bird - Point Count Location
- Breeding Bird - Audio Recording Location

Landbase

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

Coordinate System: UTM Zone 14N NAD83
Data Source: MBHydro, MMM, Stantec, ProvMB, NRCAN, WRCS
Date Created: July 28, 2011

N

0 5 10 Kilometres
0 3 6 Miles

1:250,000

Location of 2010 Breeding Bird Surveys

Map 400-17

Manitoba Hydro

Bipole III Transmission Project

Project Infrastructure

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

Infrastructure

- Converter Station
- Generating Station
- Bipole I and II
- Transmission Line
- Electrical Station

Waterfowl Concentration

- Concentration Area

Landbase

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

Coordinate System: UTM Zone 14N NAD83
Data Source: MBHydro, MMM, Stantec, ProvMB, NRCAN, WRCS
Date Created: August 13, 2011

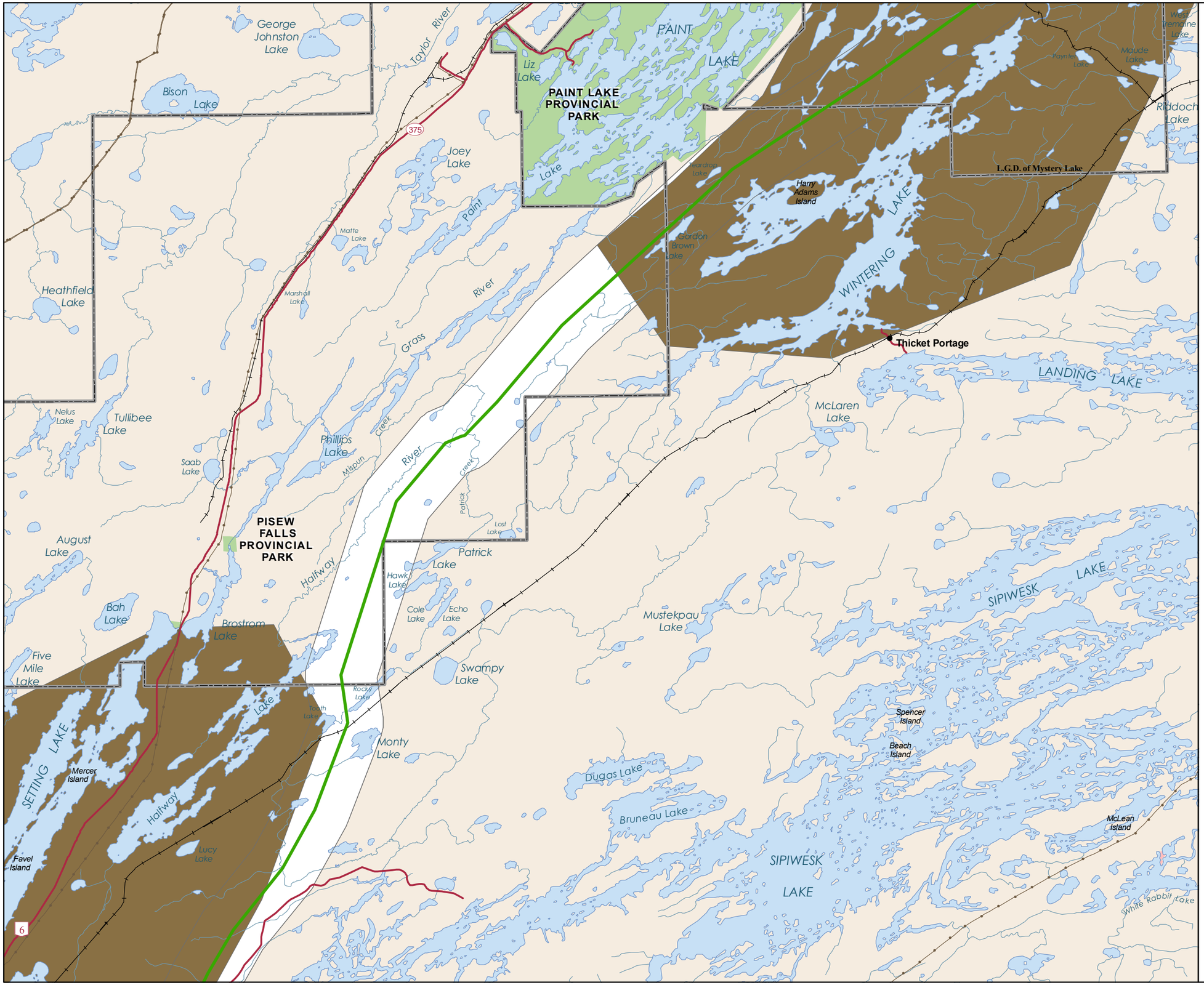
N

0 5 10 Kilometres
0 3 6 Miles

1:250,000

Areas of high waterfowl concentration from the 2010 waterfowl survey

Map 500-04



Manitoba Hydro

Bipole III Transmission Project

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

Infrastructure
- Converter Station
- Generating Station
- Bipole I and II
- Transmission Line
- Electrical Station

Waterfowl Concentration
- Concentration Area

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

Coordinate System: UTM Zone 14N NAD83
Data Source: MBHydro, MMM, Stantec, ProvMB, NRCAN, WRCS
Date Created: August 13, 2011

N

0 5 10 Kilometres

0 3 6 Miles

1:250,000

Areas of high waterfowl concentration from the 2010 waterfowl survey

Map 500-05

Manitoba Hydro

Bipole III Transmission Project

Project Infrastructure

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

Infrastructure

- Converter Station
- Generating Station
- Bipole I and II
- Transmission Line
- Electrical Station

Waterfowl Concentration

- Concentration Area

Landbase

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

Coordinate System: UTM Zone 14N NAD83
Data Source: MBHydro, MMM, Stantec, ProvMB, NRCAN, WRCS
Date Created: August 13, 2011

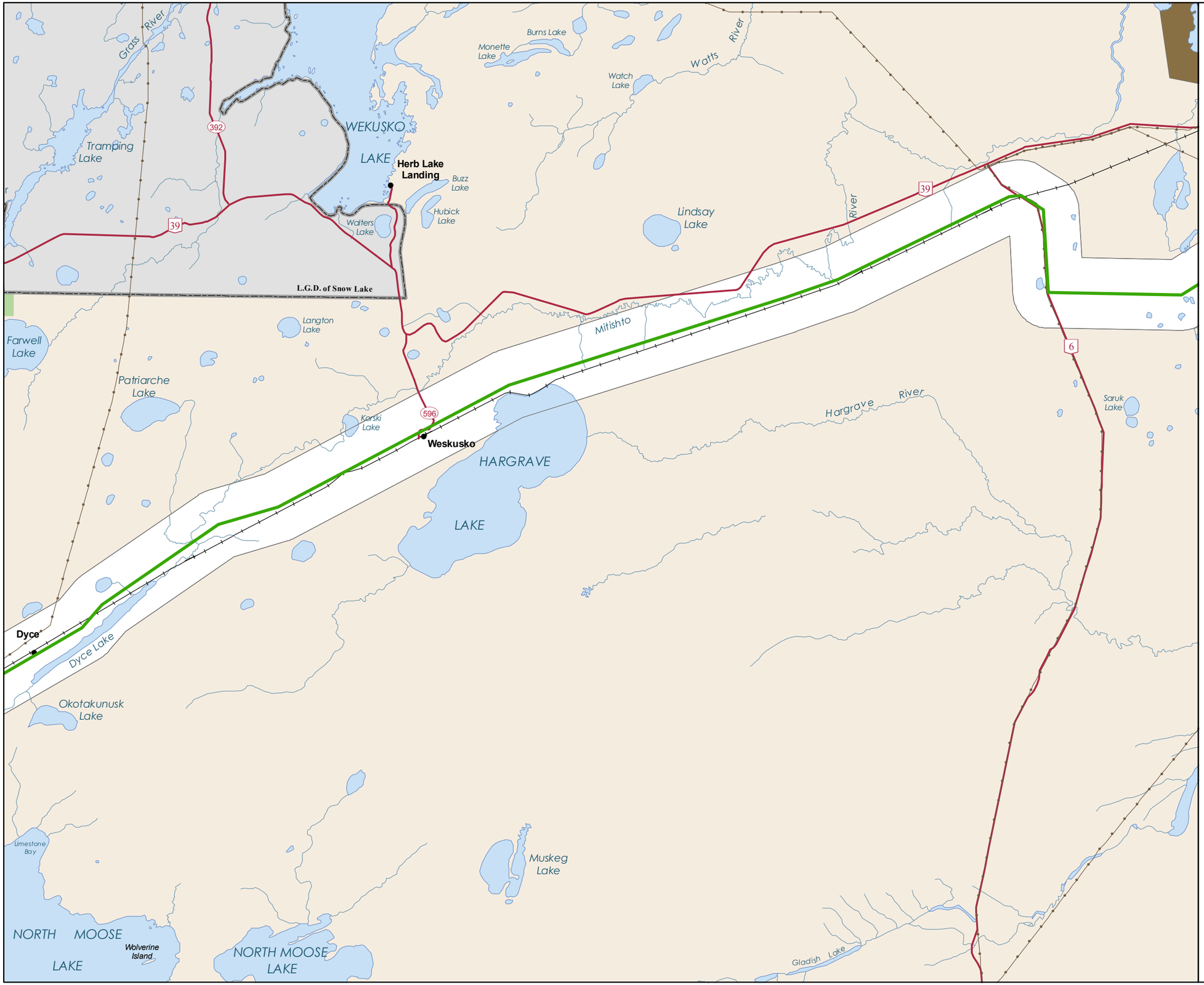
N

0 5 10 Kilometres
0 3 6 Miles

1:250,000

Areas of high waterfowl concentration from the 2010 waterfowl survey

Map 500-06



Manitoba Hydro

Bipole III Transmission Project

Project Infrastructure

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

Infrastructure

- Converter Station
- Generating Station
- Bipole I and II
- Transmission Line
- Electrical Station

Waterfowl Concentration

- Concentration Area

Landbase

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

Coordinate System: UTM Zone 14N NAD83
Data Source: MBHydro, MMM, Stantec, ProvMB, NRCAN, WRCS
Date Created: August 13, 2011

N

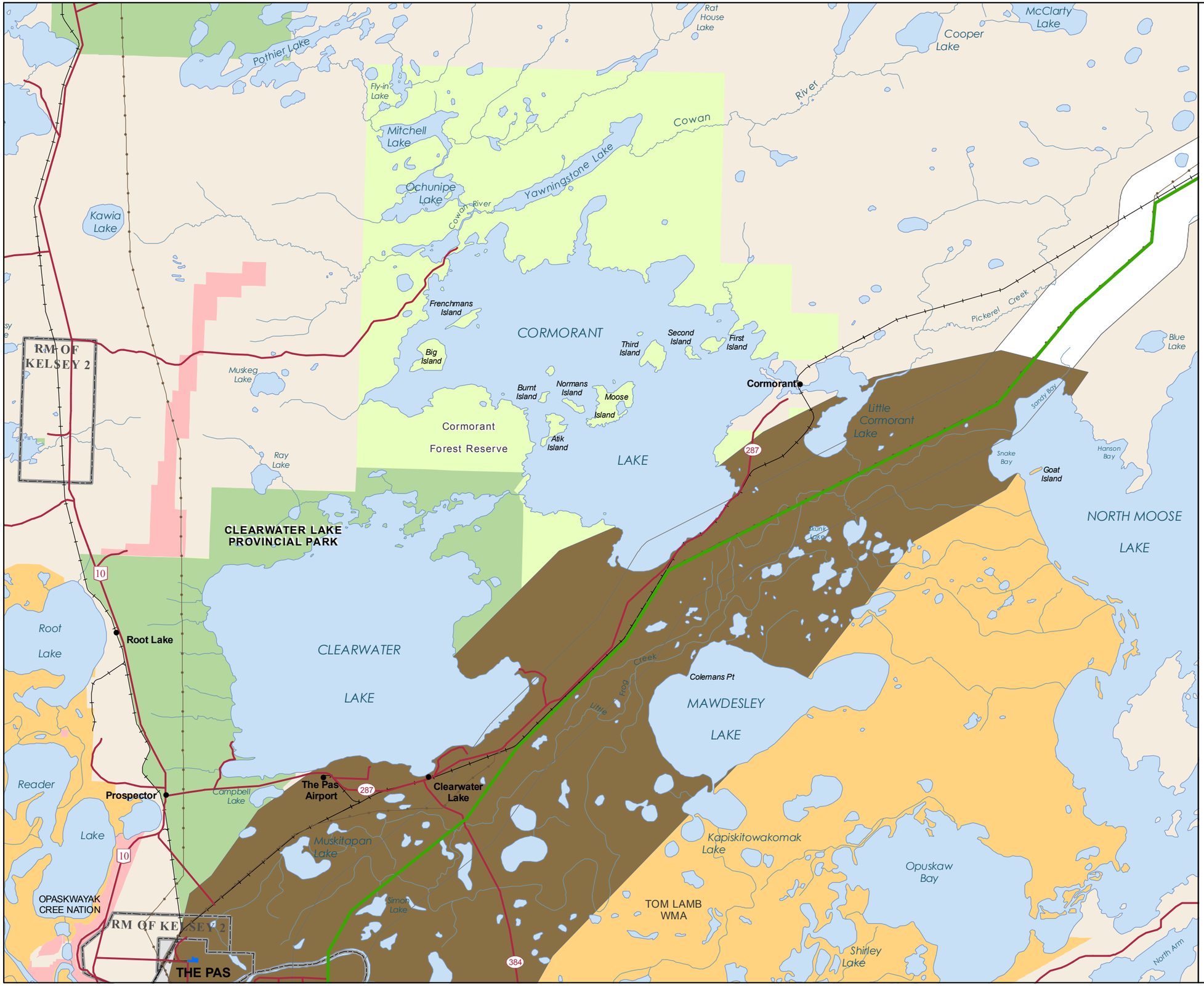
0 5 10 Kilometres

0 3 6 Miles

1:250,000

Areas of high waterfowl concentration from the 2010 waterfowl survey

Map 500-07



Manitoba Hydro

Bipole III Transmission Project

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

Infrastructure
- Converter Station
- Generating Station
- Bipole I and II
- Transmission Line
- Electrical Station

Waterfowl Concentration
- Concentration Area

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

Coordinate System: UTM Zone 14N NAD83
Data Source: MBHydro, MMM, Stantec, ProvMB, NRCAN, WRCS
Date Created: August 13, 2011

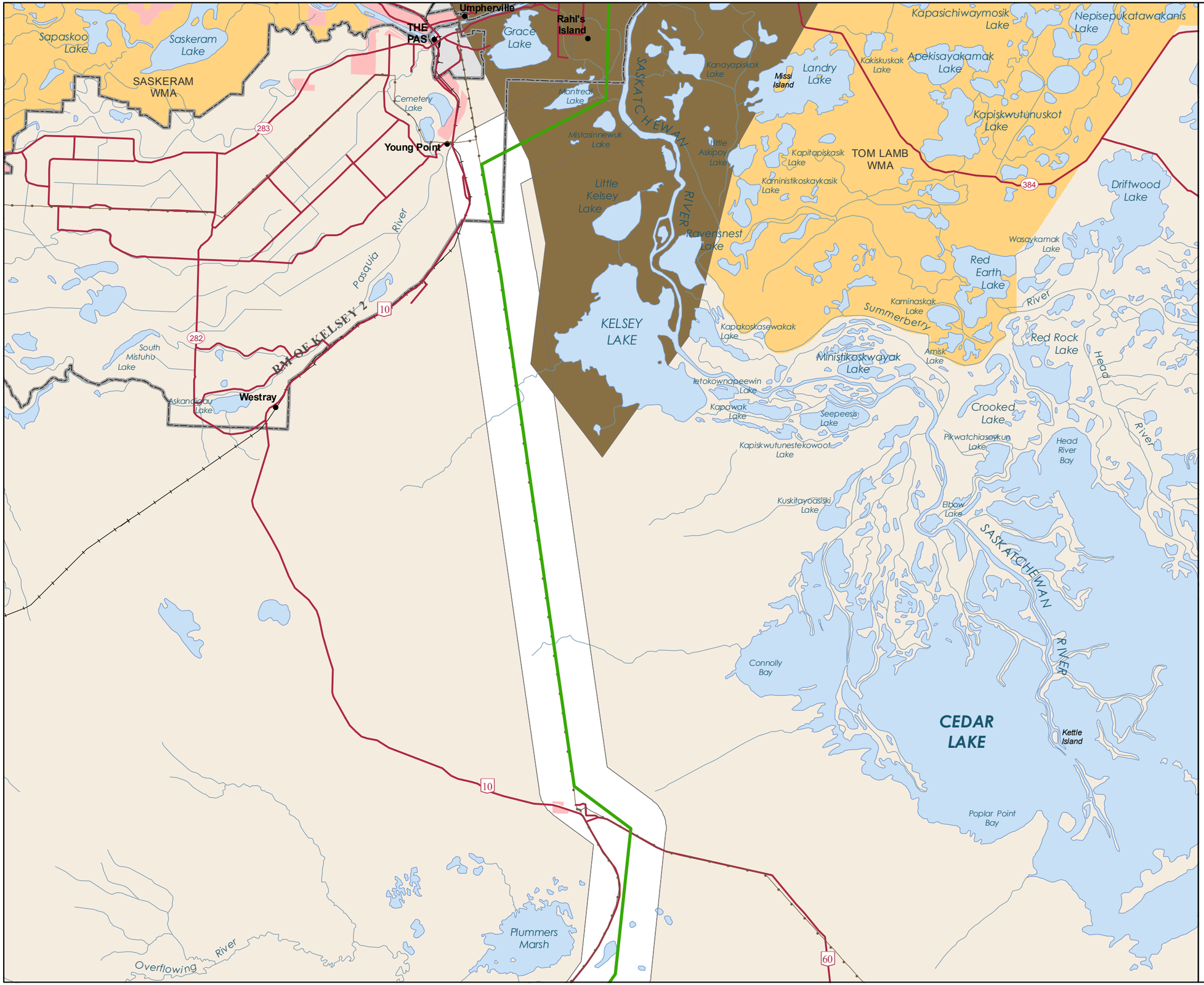
N

0 5 10 Kilometres
0 3 6 Miles

1:250,000

Areas of high waterfowl concentration from the 2010 waterfowl survey

Map 500-08



Manitoba Hydro

Bipole III Transmission Project

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

Infrastructure
- Converter Station
- Generating Station
- Bipole I and II
- Transmission Line
- Electrical Station

Waterfowl Concentration
- Concentration Area

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

Coordinate System: UTM Zone 14N NAD83
Data Source: MBHydro, MMM, Stantec, ProvMB, NRCAN, WRCS
Date Created: August 13, 2011

N

0 5 10 Kilometres

0 3 6 Miles

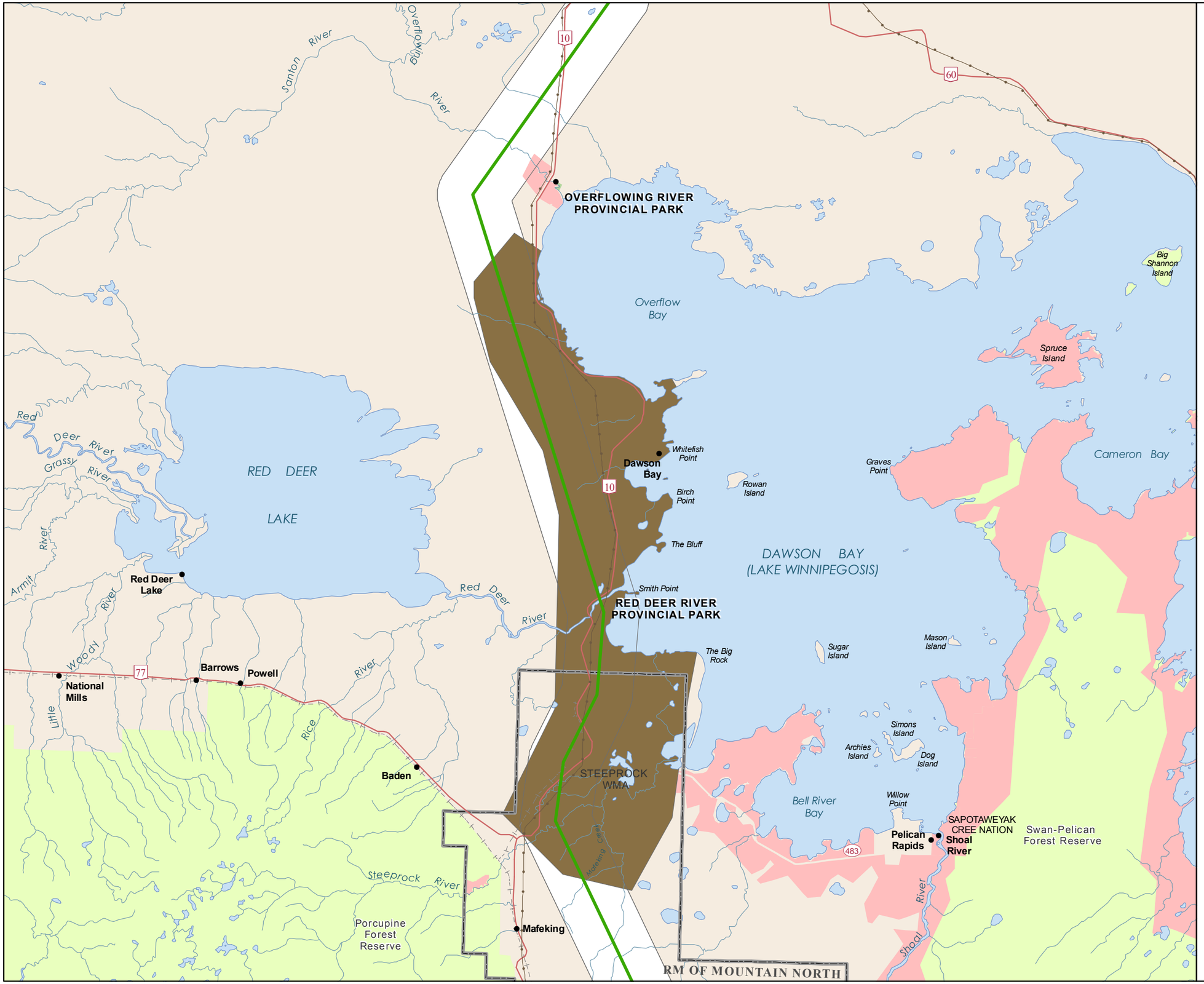
1:250,000

Areas of high waterfowl concentration from the 2010 waterfowl survey

Map 500-09

Manitoba Hydro

Bipole III Transmission Project



Project Infrastructure

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

Infrastructure

- Converter Station
- Generating Station
- Bipole I and II
- Transmission Line
- Electrical Station

Waterfowl Concentration

- Concentration Area

Landbase

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

Coordinate System: UTM Zone 14N NAD83
Data Source: MBHydro, MMM, Stantec, ProvMB, NRCAN, WRCS
Date Created: August 13, 2011

N

0 5 10 Kilometres

0 3 6 Miles

1:250,000

Areas of high waterfowl concentration from the 2010 waterfowl survey

Map 500-10

Manitoba Hydro

Bipole III Transmission Project

Project Infrastructure

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

Infrastructure

- Converter Station
- Generating Station
- Bipole I and II
- Transmission Line
- Electrical Station

Waterfowl Concentration

- Concentration Area

Landbase

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

Coordinate System: UTM Zone 14N NAD83
Data Source: MBHydro, MMM, Stantec, ProvMB, NRCAN, WRCS
Date Created: August 13, 2011

N

0 5 10 Kilometres
0 3 6 Miles

1:250,000

Areas of high waterfowl concentration from the 2010 waterfowl survey

Map 500-11

Manitoba Hydro

Bipole III Transmission Project

Project Infrastructure

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

Infrastructure

- Converter Station
- Generating Station
- Bipole I and II
- Transmission Line
- Electrical Station

Waterfowl Concentration

- Concentration Area

Landbase

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

Coordinate System: UTM Zone 14N NAD83
Data Source: MBHydro, MMM, Stantec, ProvMB, NRCAN, WRCS
Date Created: August 13, 2011

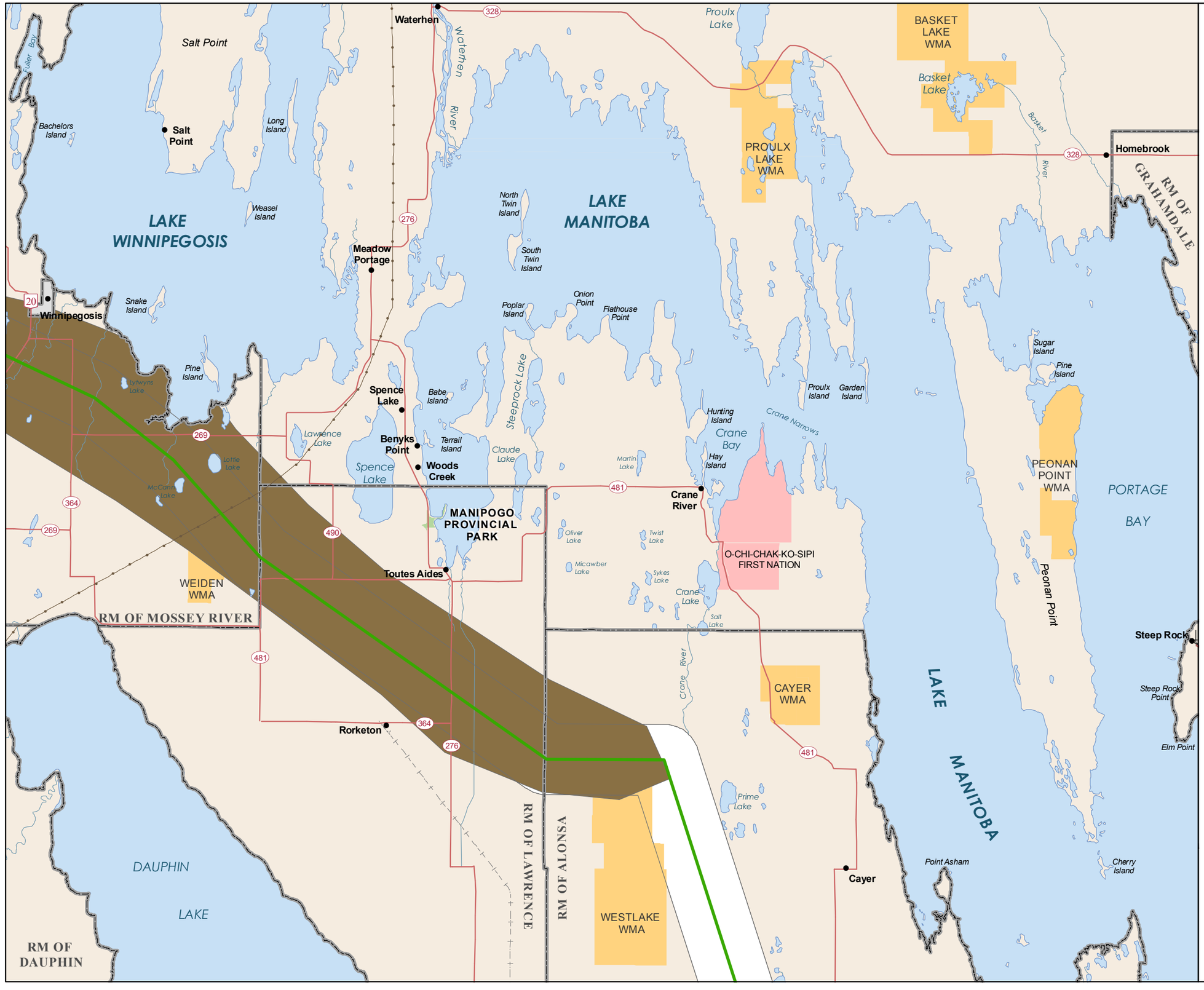
N

0 5 10 Kilometres
0 3 6 Miles

1:250,000

Areas of high waterfowl concentration from the 2010 waterfowl survey

Map 500-12



Manitoba Hydro

Bipole III Transmission Project

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

Infrastructure
- Converter Station
- Generating Station
- Bipole I and II
- Transmission Line
- Electrical Station

Waterfowl Concentration
- Concentration Area

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

Coordinate System: UTM Zone 14N NAD83
Data Source: MBHydro, MMM, Stantec, ProvMB, NRCAN, WRCS
Date Created: August 13, 2011

N

0 5 10 Kilometres
0 3 6 Miles

1:250,000

Areas of high waterfowl concentration from the 2010 waterfowl survey

Map 500-13

Manitoba Hydro

Bipole III Transmission Project

Project Infrastructure

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

Infrastructure

- Converter Station
- Generating Station
- Bipole I and II
- Transmission Line
- Electrical Station

Waterfowl Concentration

- Concentration Area

Landbase

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

Coordinate System: UTM Zone 14N NAD83
Data Source: MBHydro, MMM, Stantec, ProvMB, NRCAN, WRCS
Date Created: August 13, 2011

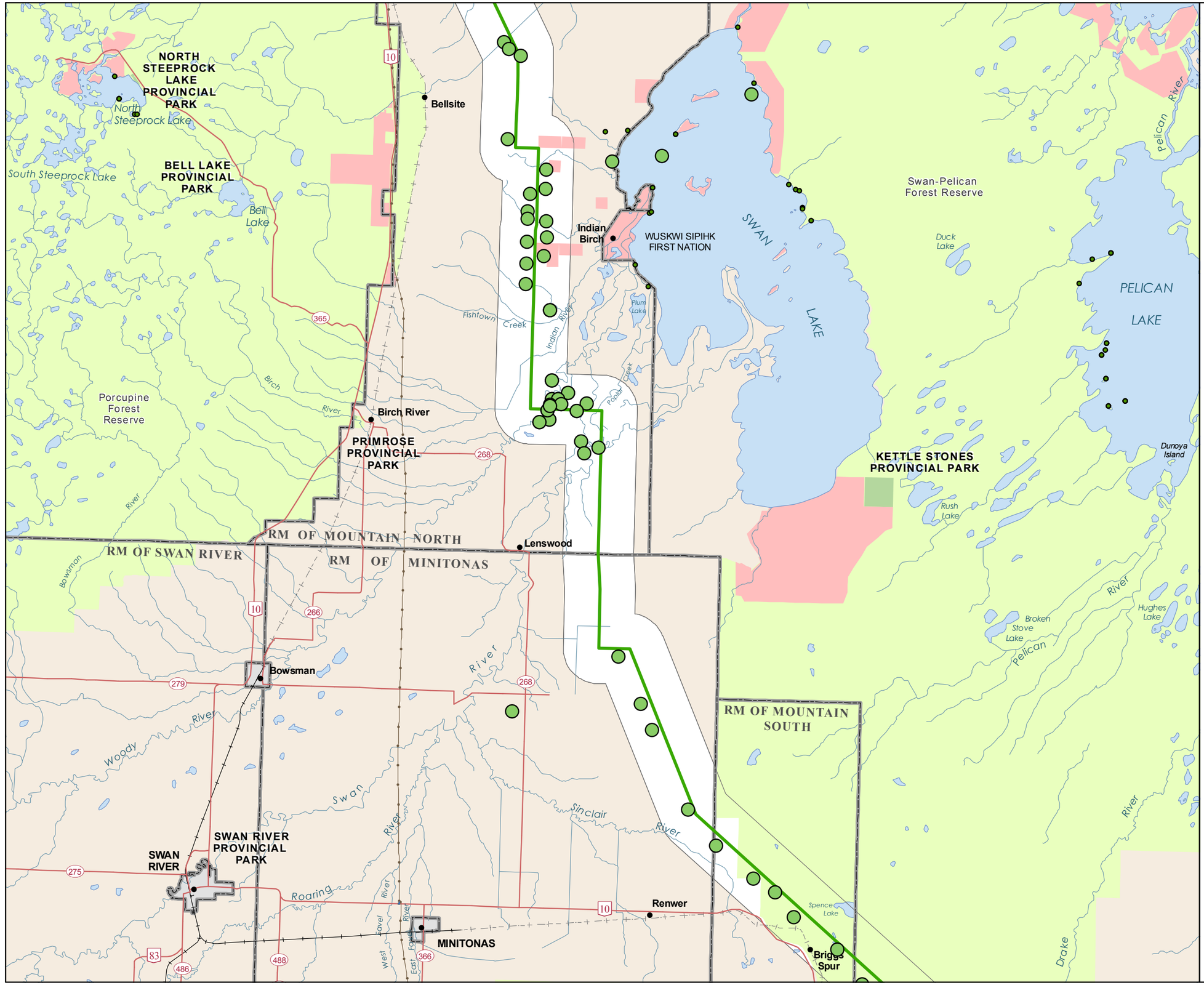
N

0 5 10 Kilometres
0 3 6 Miles

1:250,000

Areas of high waterfowl concentration from the 2010 waterfowl survey

Map 500-15



Manitoba Hydro

Bipole III Transmission Project

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

Infrastructure
- Converter Station
- Generating Station
- Bipole I and II
- Transmission Line

Colonial Waterbirds
- Nest Site

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

Coordinate System: UTM Zone 14N NAD83
Data Source: MBHydro, MMM, Stantec, ProvMB, NRCAN, WRCS
Date Created: August 13, 2011

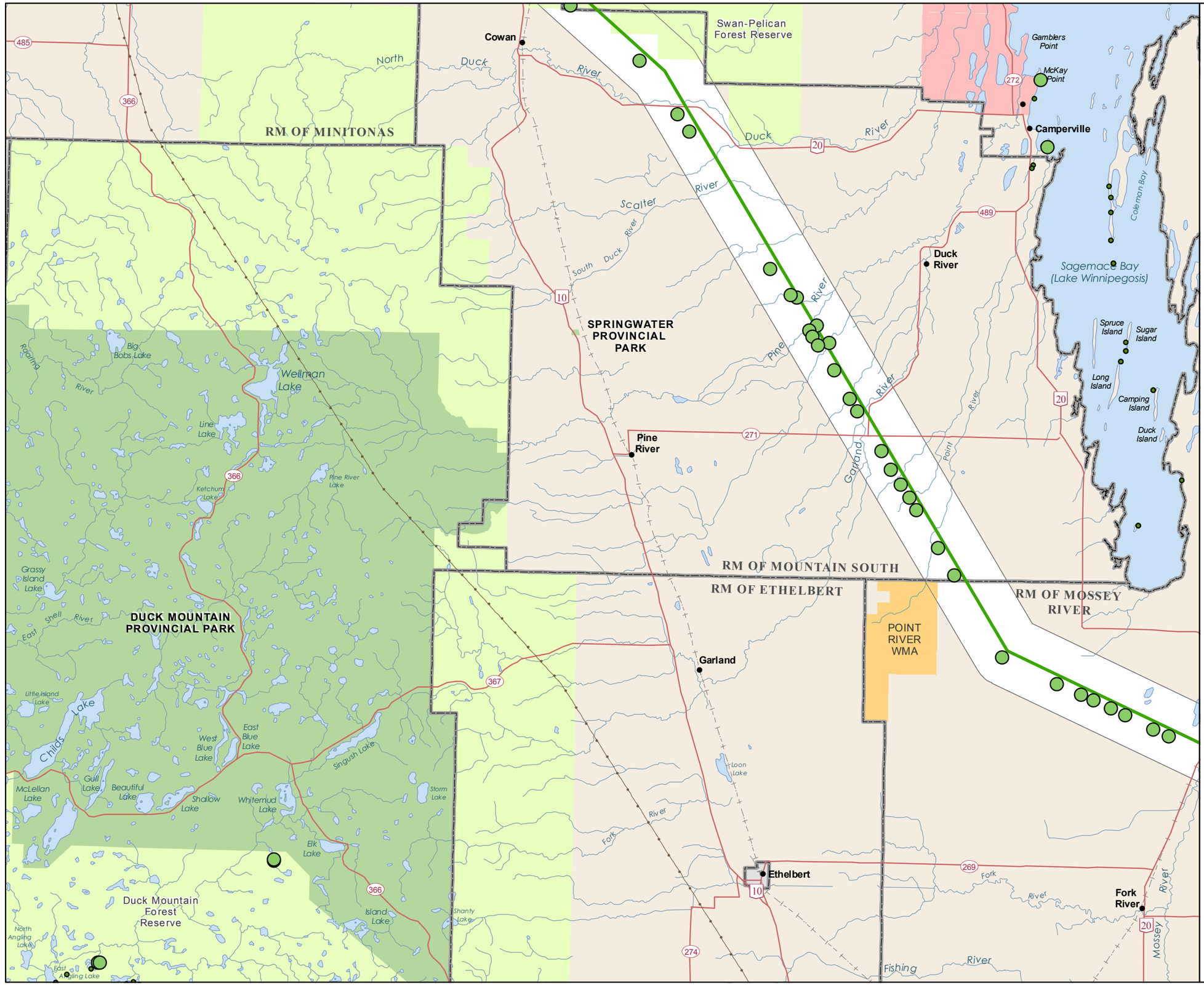
N

0 5 10 Kilometres
0 3 6 Miles

1:250,000

Colonial Waterbird Nests and Colonies Observed in 2009 and 2010

Map 700-11



Manitoba Hydro

Bipole III Transmission Project

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

Infrastructure
- Converter Station
- Generating Station
- Bipole I and II
- Transmission Line

Colonial Waterbirds
- Nest Site

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

Coordinate System: UTM Zone 14N NAD83
Data Source: MBHydro, MMM, Stantec, ProvMB, NRCAN, WRCS
Date Created: August 13, 2011

N

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

Colonial Waterbird Nests and Colonies Observed in 2009 and 2010

Map 700-12

Manitoba Hydro

Bipole III Transmission Project

Project Infrastructure

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

Infrastructure

- Converter Station
- Generating Station
- Bipole I and II
- Transmission Line

Colonial Waterbirds

- Nest Site

Landbase

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

Coordinate System: UTM Zone 14N NAD83
Data Source: MBHydro, MMM, Stantec, ProvMB, NRCAN, WRCS
Date Created: August 13, 2011

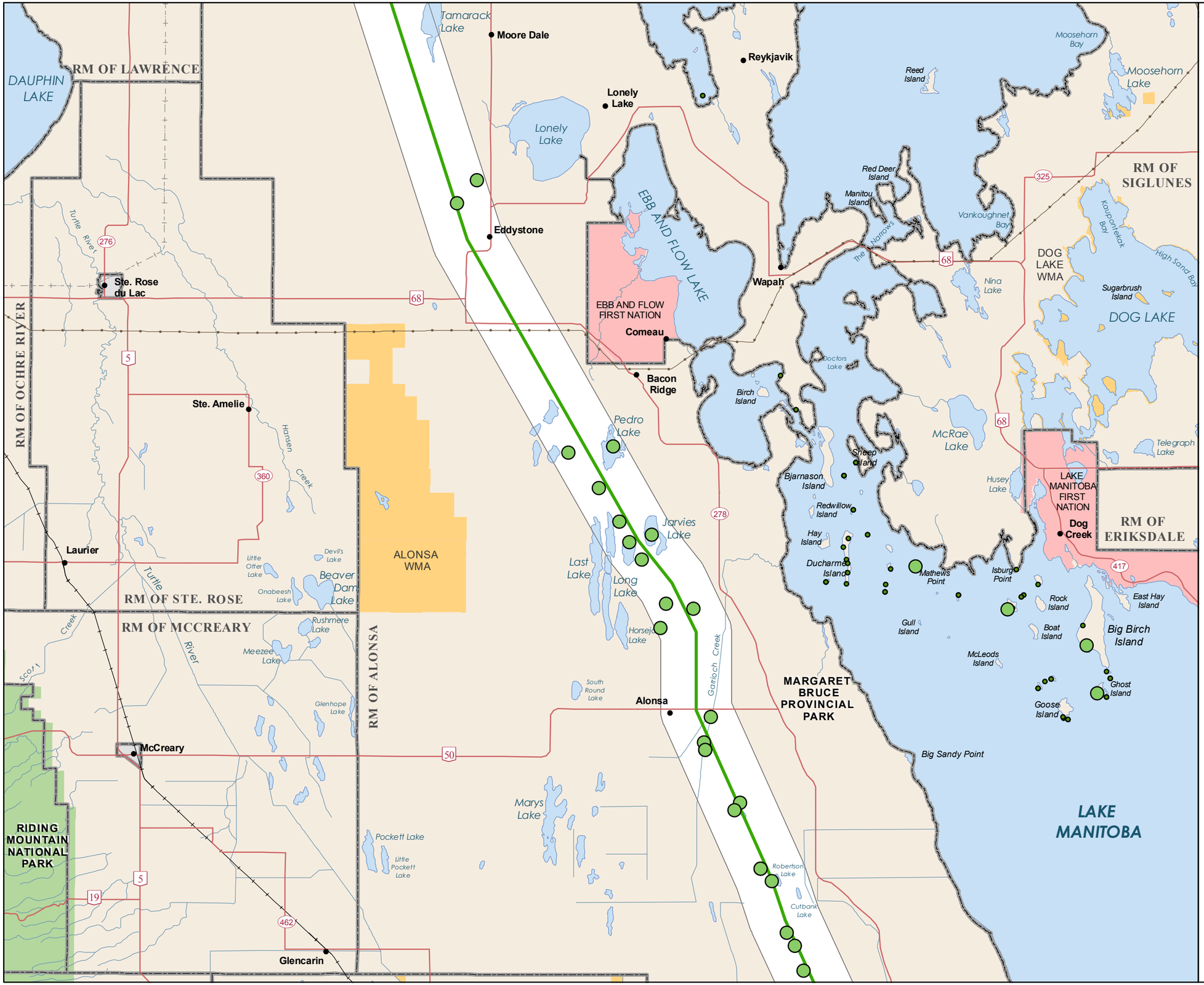
N

0 5 10 Kilometres
0 3 6 Miles

1:250,000

Colonial Waterbird Nests and Colonies Observed in 2009 and 2010

Map 700-13



Manitoba Hydro

Bipole III Transmission Project

Project Infrastructure

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

Infrastructure

- Converter Station
- Generating Station
- Bipole I and II
- Transmission Line

Colonial Waterbirds

- Nest Site

Landbase

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

Coordinate System: UTM Zone 14N NAD83
Data Source: MBHydro, MMM, Stantec, ProvMB, NRCAN, WRCS
Date Created: August 13, 2011

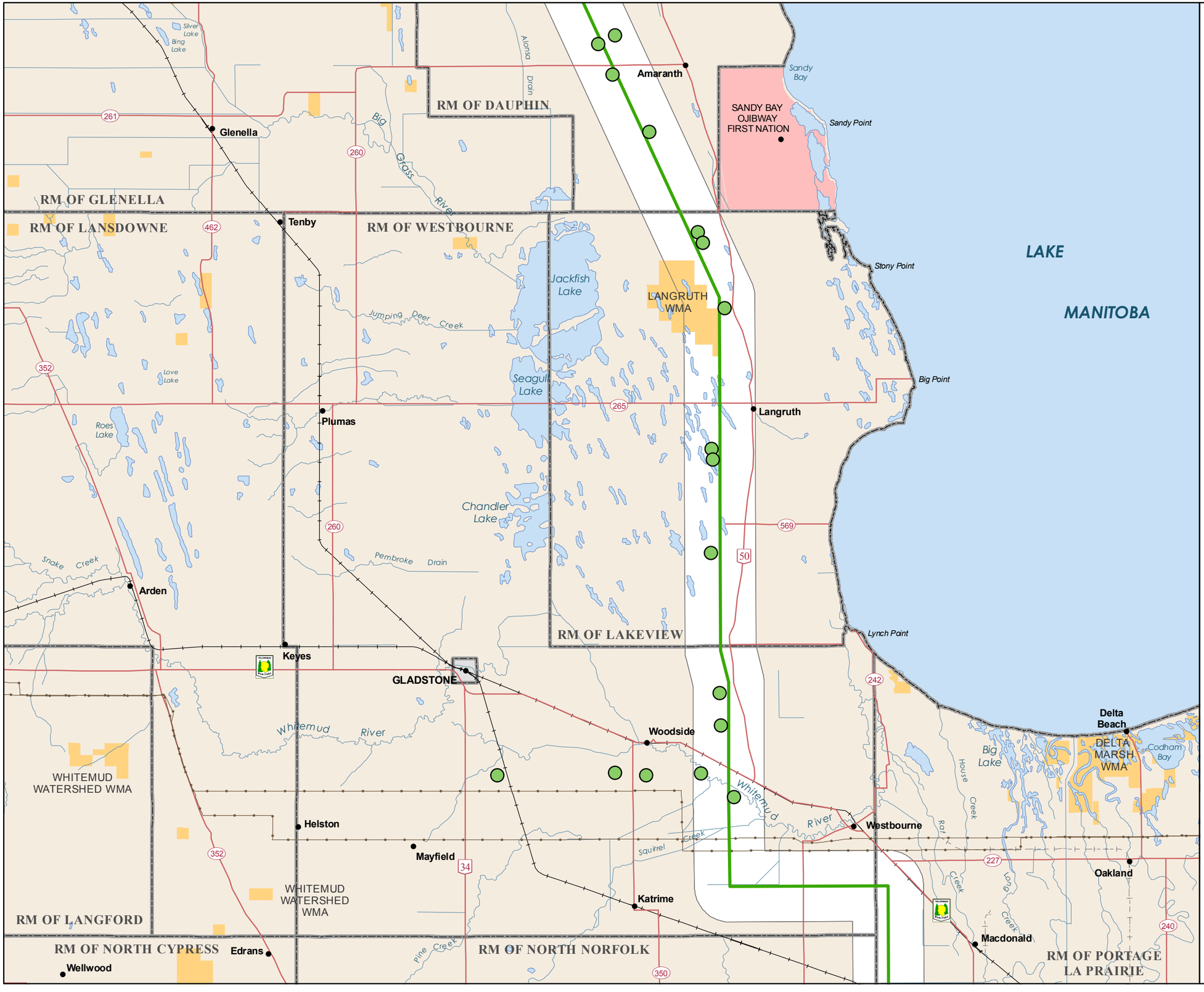
N

0 5 10 Kilometres
0 3 6 Miles

1:250,000

Colonial Waterbird Nests and Colonies Observed in 2009 and 2010

Map 700-14



Manitoba Hydro

Bipole III Transmission Project

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

Infrastructure
- Converter Station
- Generating Station
- Bipole I and II
- Transmission Line

Colonial Waterbirds
- Nest Site

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

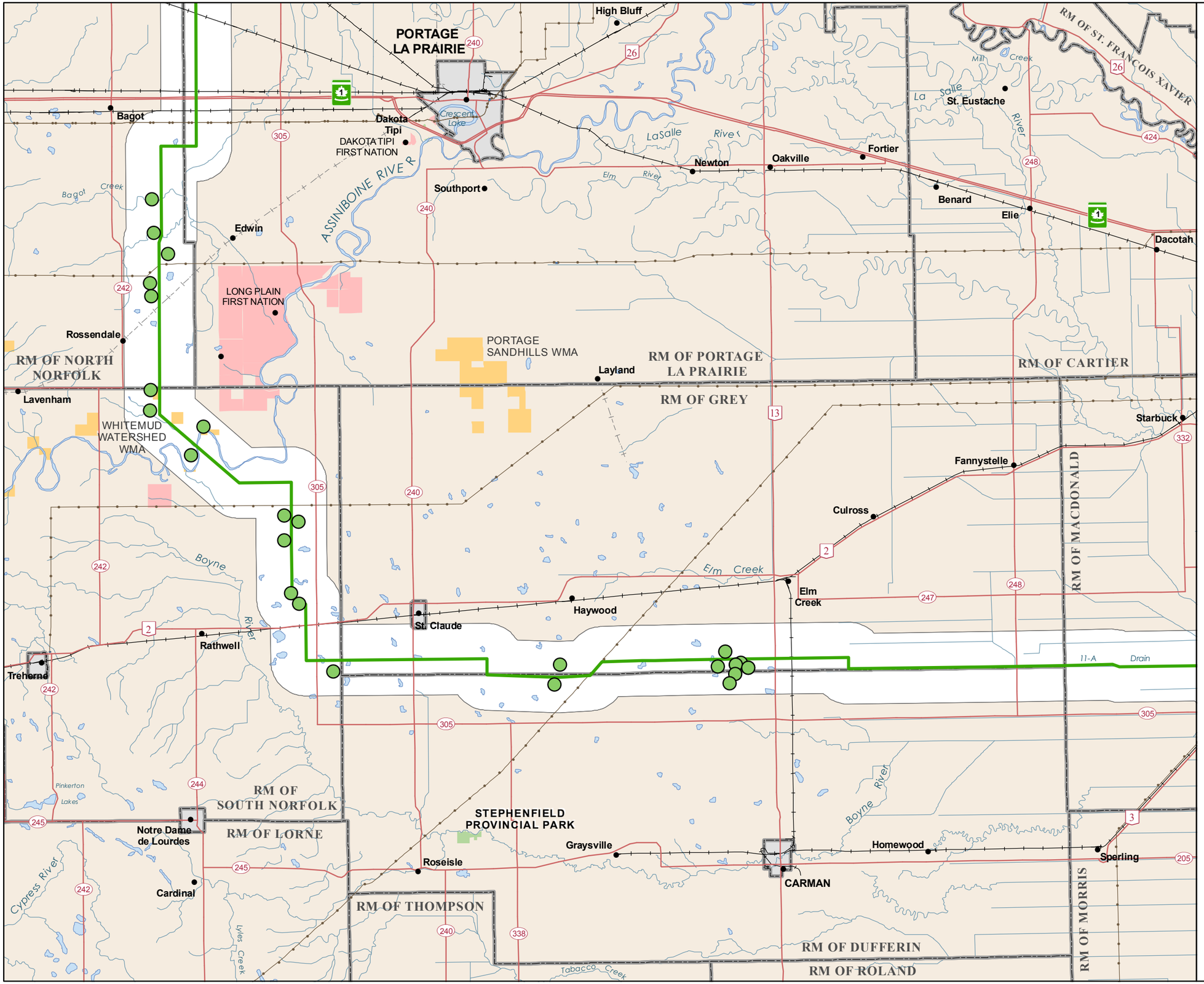
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Data Source: MBHydro, MMM, Stantec, ProvMB, NRCAN, WRCS
Date Created: August 13, 2011

N

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

Colonial Waterbird Nests and Colonies Observed in 2009 and 2010

Map 700-15



Manitoba Hydro

Bipole III Transmission Project

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

Infrastructure
- Converter Station
- Generating Station
- Bipole I and II
- Transmission Line

Colonial Waterbirds
- Nest Site

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

Coordinate System: UTM Zone 14N NAD83
Data Source: MBHydro, MMM, Stantec, ProvMB, NRCAN, WRCS
Date Created: August 13, 2011

N

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

Colonial Waterbird Nests and Colonies Observed in 2009 and 2010

Map 700-16

Manitoba Hydro

Bipole III Transmission Project

Project Infrastructure

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

Infrastructure

- Converter Station
- Generating Station
- Bipole I and II
- Transmission Line

Colonial Waterbirds

- Nest Site

Landbase

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

Coordinate System: UTM Zone 14N NAD83
Data Source: MBHydro, MMM, Stantec, ProvMB, NRCAN, WRCS
Date Created: August 13, 2011

N

0 5 10 Kilometres
0 3 6 Miles

1:250,000

Colonial Waterbird Nests and Colonies Observed in 2009 and 2010

Map 700-17

Manitoba Hydro

Bipole III Transmission Project

Project Infrastructure

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

Infrastructure

- Converter Station
- Generating Station
- Bipole I and II
- Transmission Line

Raptor Nests

- nest
- nest active

Landbase

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

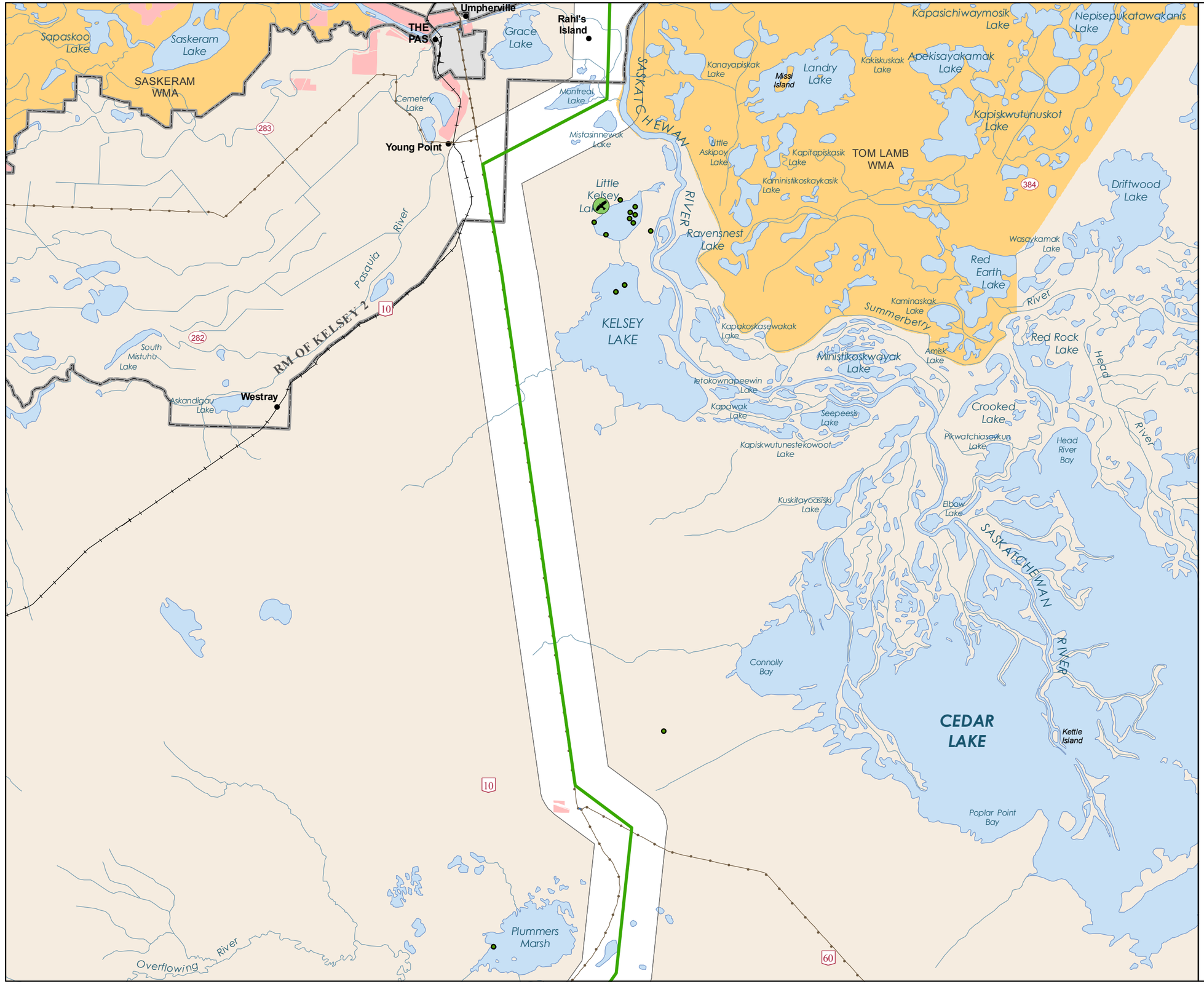
Coordinate System: UTM Zone 14N NAD83
Data Source: MBHydro, MMM, Stantec, ProvMB, NRCAN, WRCS
Date Created: August 13, 2011

N

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

Raptor Nests Observed In 2009 and 2010

Map 800-08



Manitoba Hydro

Bipole III Transmission Project

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

Infrastructure
- Converter Station
- Generating Station
- Bipole I and II
- Transmission Line

Raptor Nests
- nest
- nest active

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

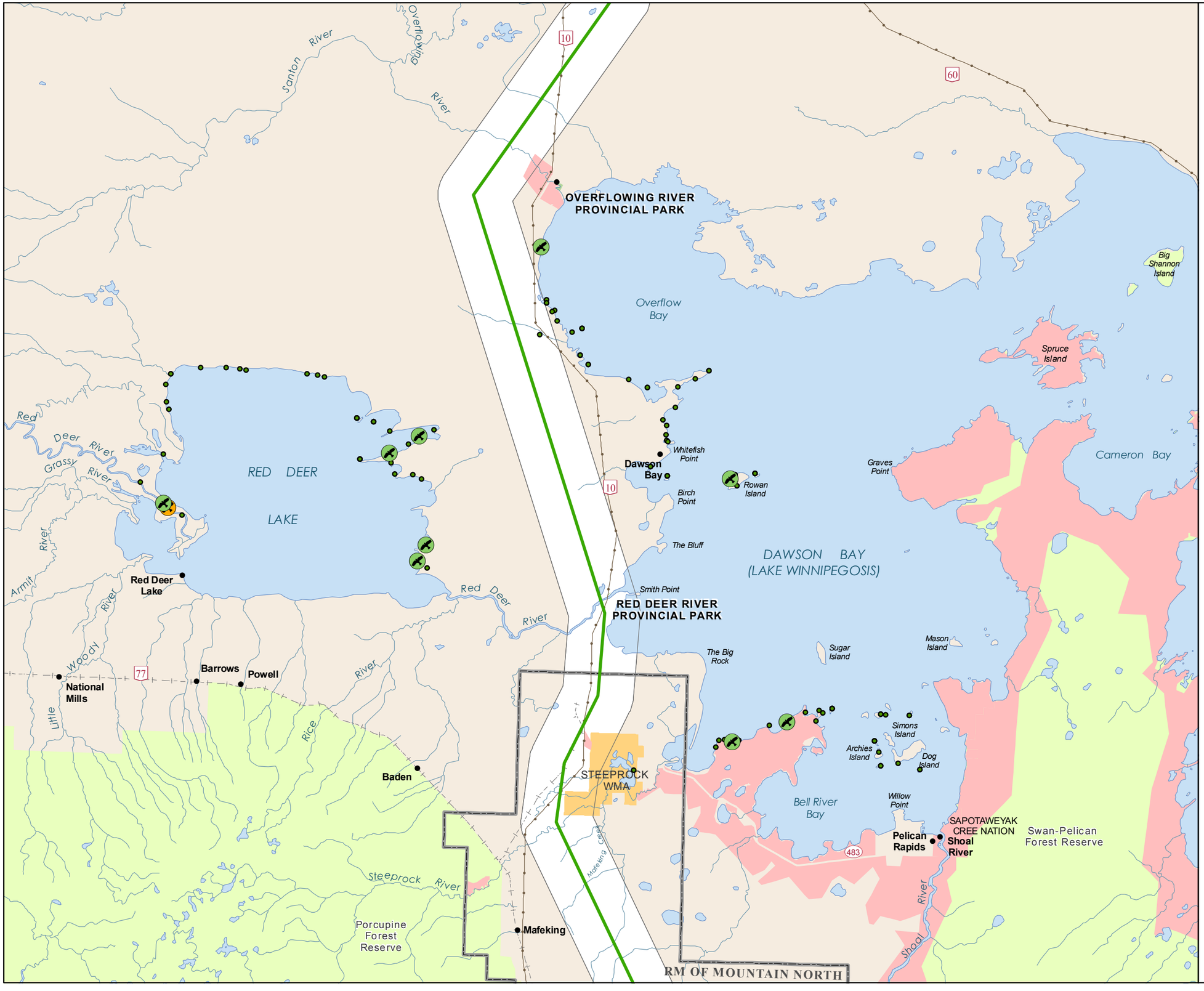
Coordinate System: UTM Zone 14N NAD83
Data Source: MBHydro, MMM, Stantec, ProvMB, NRCAN, WRCS
Date Created: August 13, 2011

N

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

Raptor Nests Observed In 2009 and 2010

Map 800-09



Manitoba Hydro

Bipole III Transmission Project

Project Infrastructure

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

Infrastructure

- Converter Station
- Generating Station
- Bipole I and II
- Transmission Line

Raptor Nests

- nest
- nest active

Landbase

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

Coordinate System: UTM Zone 14N NAD83
Data Source: MBHydro, MMM, Stantec, ProvMB, NRCAN, WRCS
Date Created: August 13, 2011

N

0 5 10 Kilometres
0 3 6 Miles

1:250,000

Raptor Nests Observed In 2009 and 2010

Map 800-10

Manitoba Hydro

Bipole III Transmission Project

Project Infrastructure

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

Infrastructure

- Converter Station
- Generating Station
- Bipole I and II
- Transmission Line

Raptor Nests

- nest
- nest active

Landbase

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

NORTH STEEPROCK LAKE PROVINCIAL PARK
North Steeprock Lake
South Steeprock Lake
BELL LAKE PROVINCIAL PARK
Bell Lake
Bellsite
Indian Birch
WUSKWI SIPIHK FIRST NATION
Swan-Pelican Forest Reserve
SWAN LAKE
PELICAN LAKE
Pelican River
Duck Lake
Plum Lake
Fishtown Creek
Indian River
Poplar Creek
Porcupine Forest Reserve
Birch River
PRIMROSE PROVINCIAL PARK
KETTLE STONES PROVINCIAL PARK
Dunoya Island
Rush Lake
RM OF MOUNTAIN NORTH
RM OF SWAN RIVER
RM OF MINITONAS
Lenswood
Bowman
Broken Stove Lake
Hughes Lake
RM OF MOUNTAIN SOUTH
SWAN RIVER
SWAN RIVER PROVINCIAL PARK
Woody River
Swan River
Sinclair River
Roaring River
Gravel River
Forks
West
East
MINITONAS
Renwer
Spence Lake
Briggs Spur
Drake River

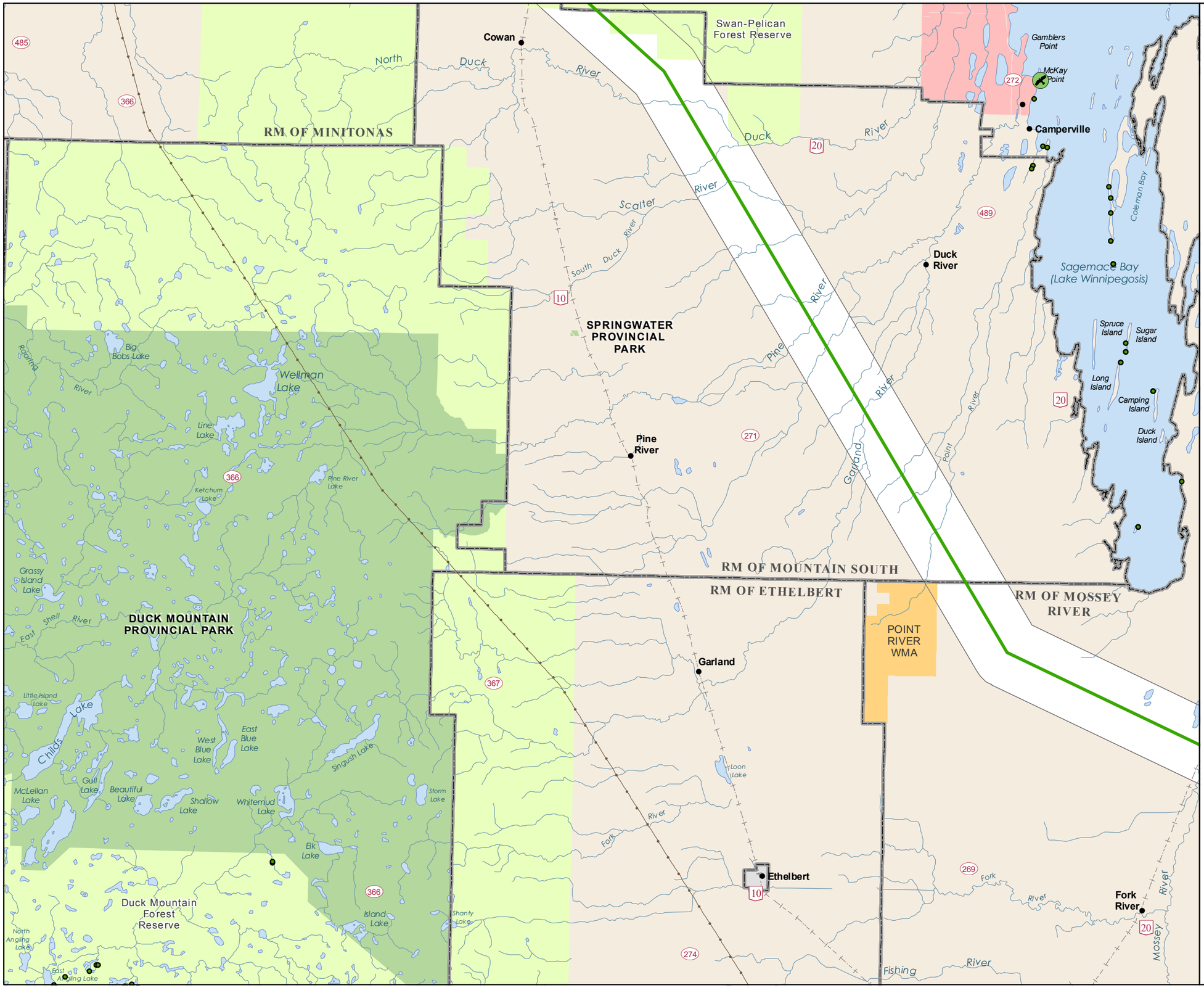
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Data Source: MBHydro, MMM, Stantec, ProvMB, NRCAN, WRCS
Date Created: August 13, 2011

N

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

Raptor Nests Observed In 2009 and 2010

Map 800-11



Manitoba Hydro

Bipole III Transmission Project

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

Infrastructure
- Converter Station
- Generating Station
- Bipole I and II
- Transmission Line

Raptor Nests
- nest
- nest active

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

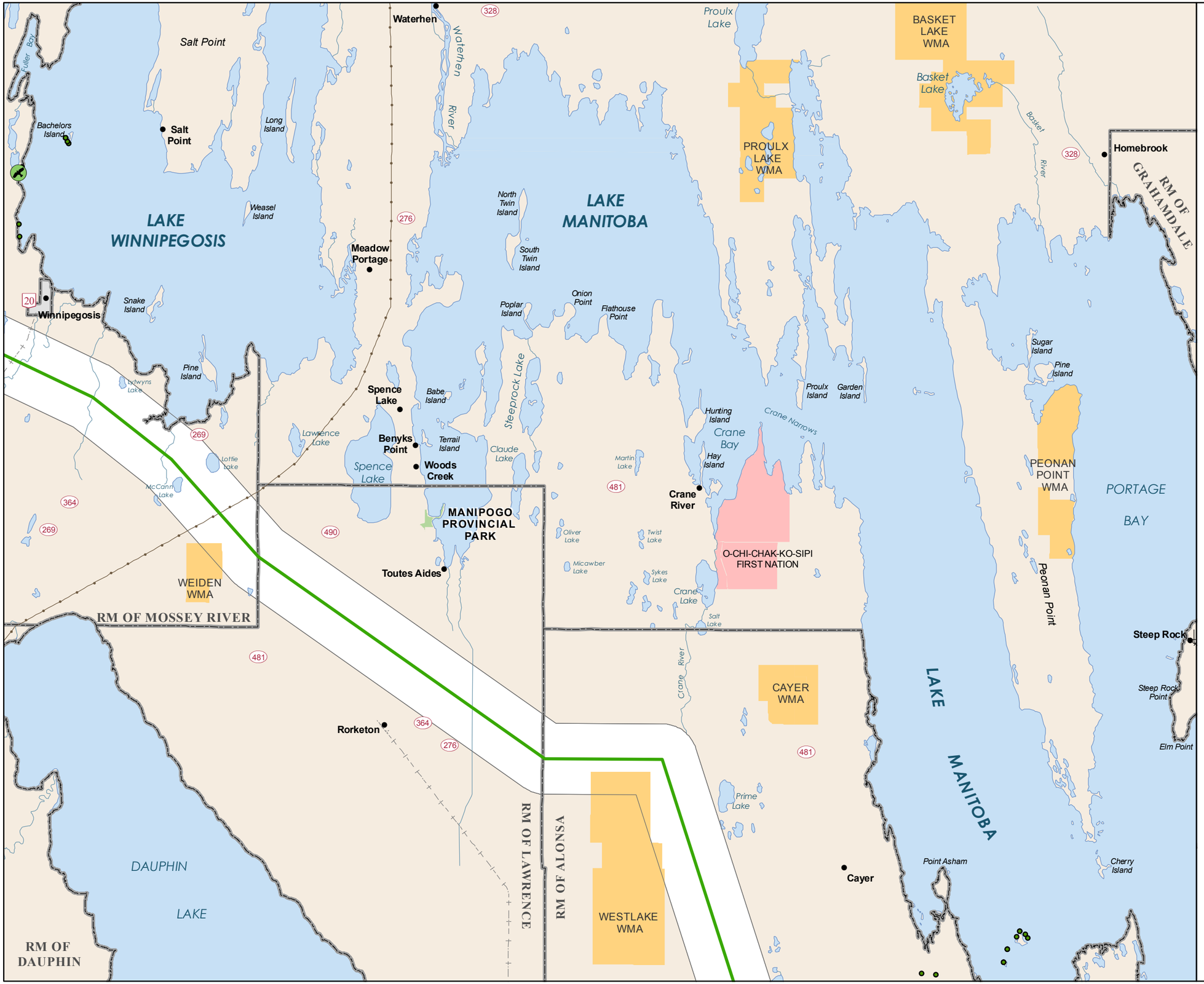
Coordinate System: UTM Zone 14N NAD83
Data Source: MBHydro, MMM, Stantec, ProvMB, NRCAN, WRCS
Date Created: August 13, 2011

N

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

Raptor Nests Observed In 2009 and 2010

Map 800-12



Manitoba Hydro

Bipole III Transmission Project

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

Infrastructure
- Converter Station
- Generating Station
- Bipole I and II
- Transmission Line

Raptor Nests
- nest
- nest active

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

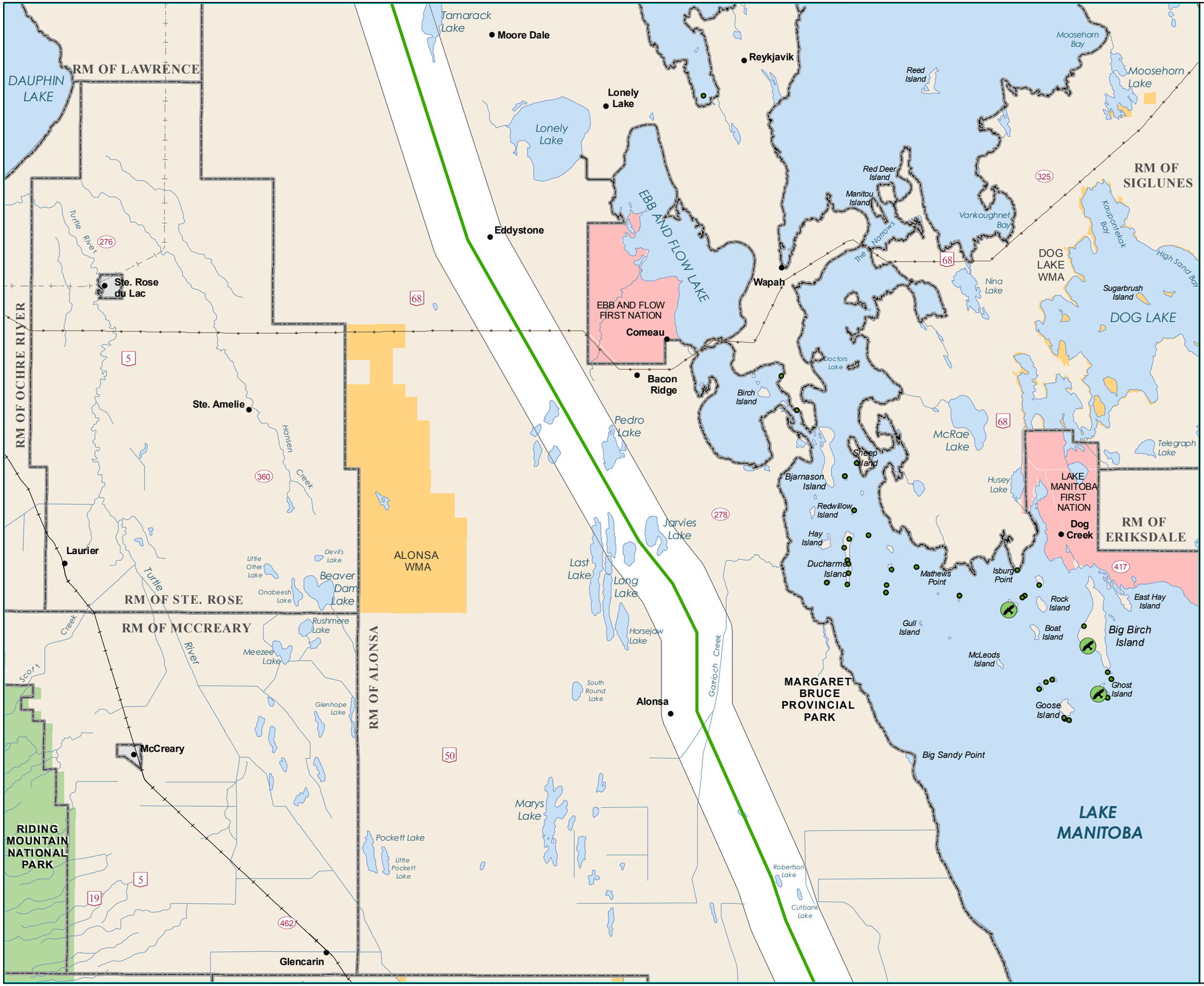
Coordinate System: UTM Zone 14N NAD83
Data Source: MBHydro, MMM, Stantec, ProvMB, NRCAN, WRCS
Date Created: August 13, 2011

N

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

Raptor Nests Observed In 2009 and 2010

Map 800-13



Manitoba Hydro

Bipole III Transmission Project

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

Infrastructure
- Converter Station
- Generating Station
- Bipole I and II
- Transmission Line

Raptor Nests
- nest
- nest active

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

Coordinate System: UTM Zone 14N NAD83
Data Source: MBHydro, MMM, Stantec, ProvMB, NRCAN, WRCS
Date Created: August 13, 2011

N

0 5 10 Kilometres
0 3 6 Miles

1:250,000

Raptor Nests Observed In 2009 and 2010

Map 800-14

Manitoba Hydro

Bipole III Transmission Project

Project Infrastructure

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

Infrastructure

- Converter Station
- Generating Station
- Bipole I and II
- Transmission Line
- Electrical Station

Raptor Concentration

- High Raptor Concentration
- Potential for High Raptor Concentrations

Landbase

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

Coordinate System: UTM Zone 14N NAD83
Data Source: MBHydro, MMM, Stantec, ProvMB, NRCAN, WRCS
Date Created: August 13, 2011

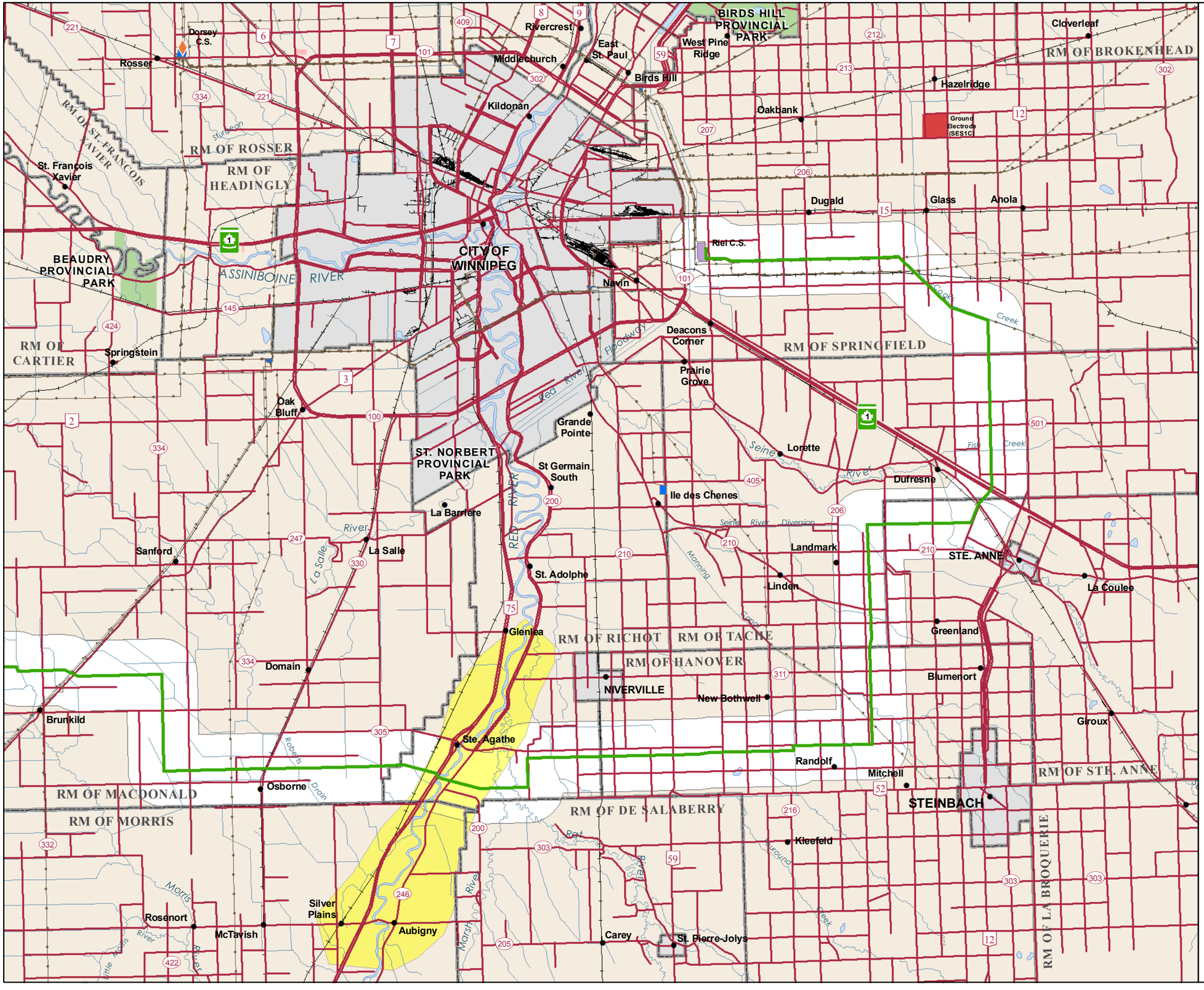
N

0 5 10 Kilometres
0 3 6 Miles

1:250,000

Areas of high Raptor concentration from the 2010 waterfowl survey

Map 900-16



Manitoba Hydro

Bipole III Transmission Project

Project Infrastructure

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

Infrastructure

- Converter Station
- Generating Station
- Bipole I and II
- Transmission Line
- Electrical Station

Raptor Concentration

- High Raptor Concentration
- Potential for High Raptor Concentrations

Landbase

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

Coordinate System: UTM Zone 14N NAD83
Data Source: MBHydro, MMM, Stantec, ProvMB, NRCAN, WRCS
Date Created: August 13, 2011

N

0 5 10 Kilometres
0 3 6 Miles

1:250,000

Areas of high Raptor concentration from the 2010 waterfowl survey

Map 900-17