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

Nocturnal Owl Survey

- boow
- easo
- ggow
- ghow
- leow
- nhow
- nswo
- seow

Landbase

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

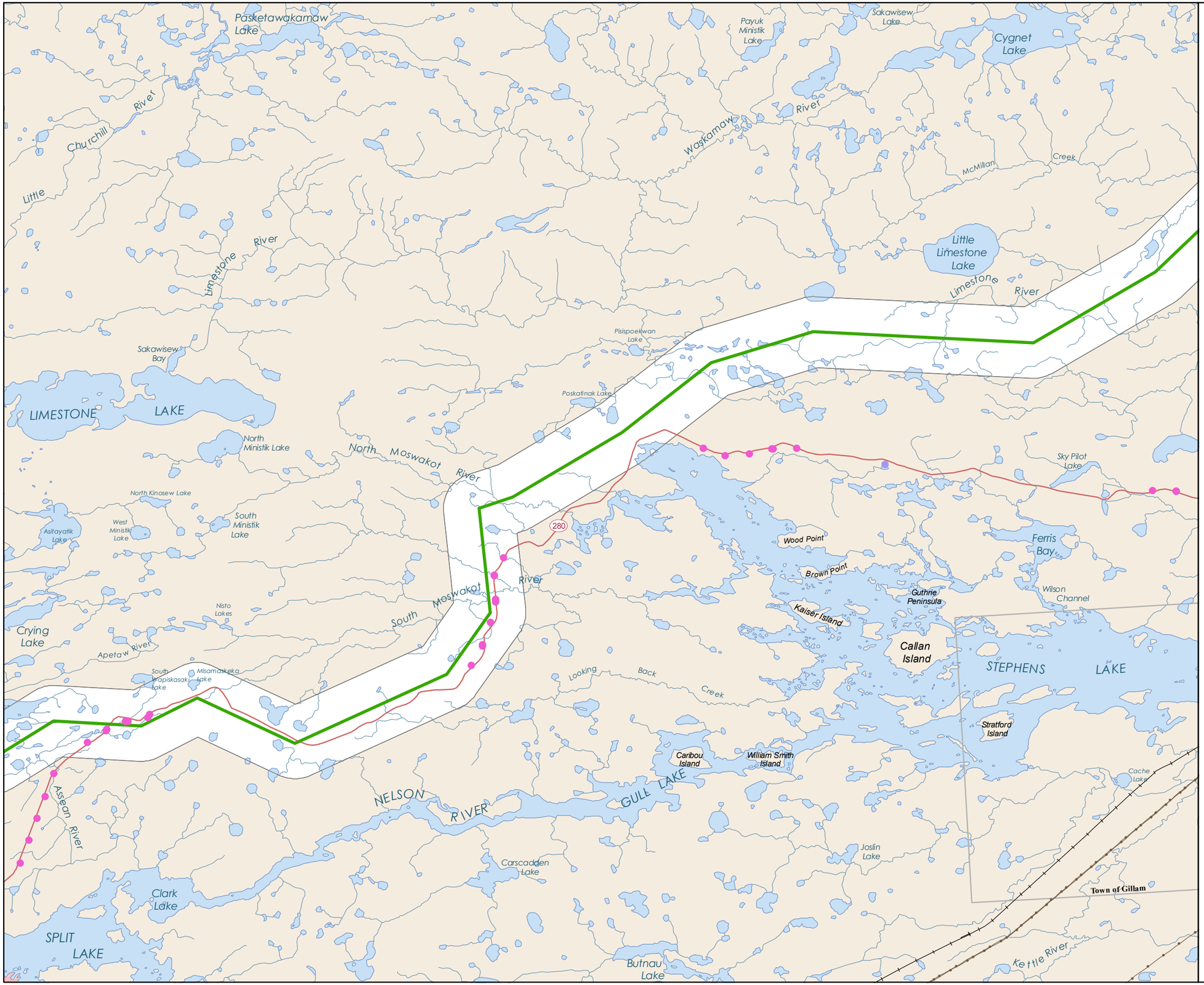
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Data Source: MBHydro, MMM, Stantec, ProvMB, NRCAN, WRCS
Date Created: August 13, 2011

N

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

Owl Observations From The 2010 Nocturnal Owl Survey

Map 1000-01



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

Nocturnal Owl Survey
- boow
- easo
- ggow
- ghow
- leow
- nhow
- nswo
- seow

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

Owl Observations From The 2010 Nocturnal Owl Survey

Map 1000-02

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

Nocturnal Owl Survey

- boow
- easo
- ggow
- ghow
- leow
- nhow
- nswo
- seow

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

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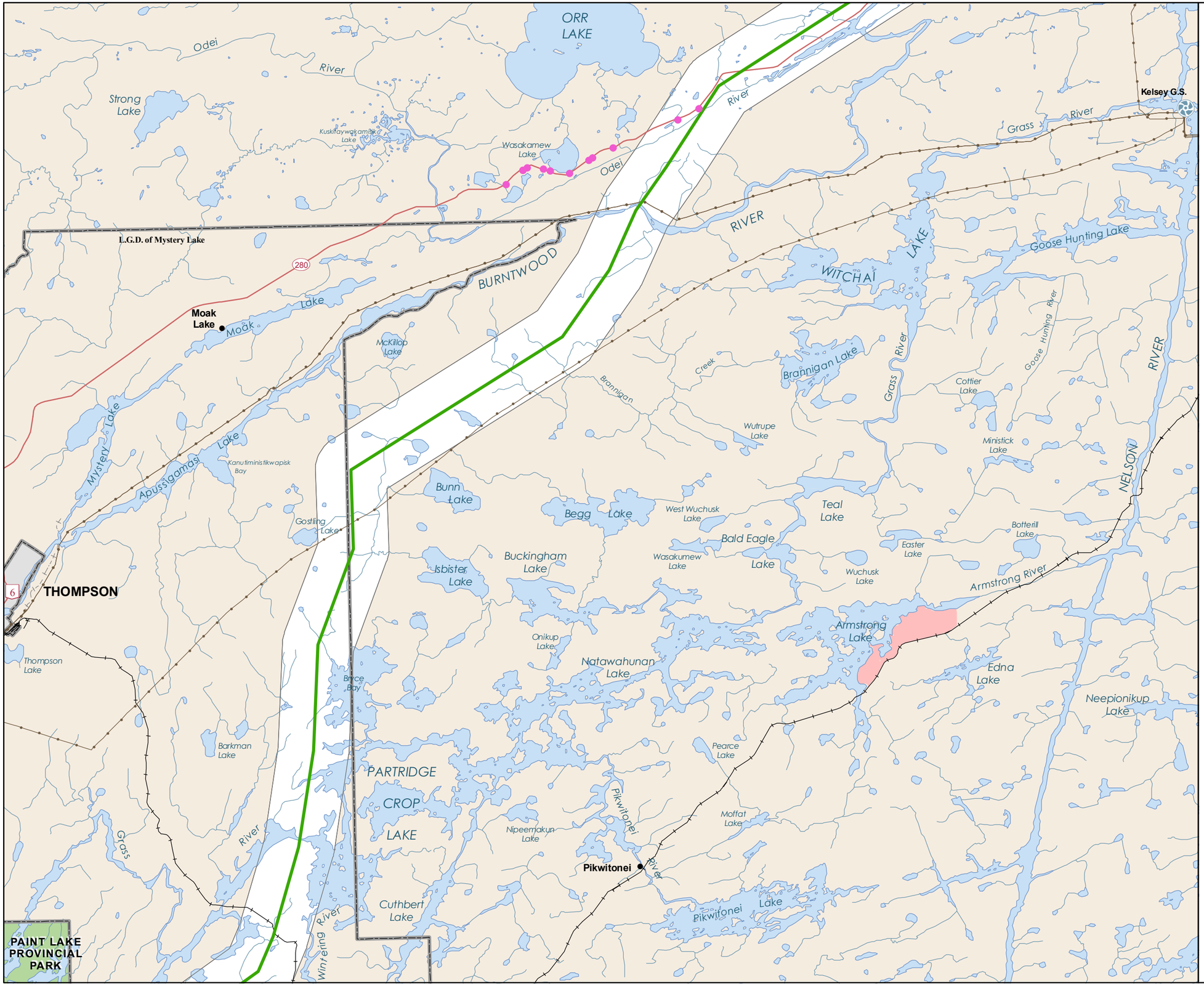
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0 3 6 Miles

1:250,000

Owl Observations From The 2010 Nocturnal Owl Survey

Map 1000-03



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

Nocturnal Owl Survey

- boow
- easo
- ggow
- ghow
- leow
- nhow
- nswo
- seow

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

Owl Observations From The 2010 Nocturnal Owl Survey

Map 1000-04

Manitoba Hydro

Bipole III Transmission Project

Project Infrastructure

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

Infrastructure

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

Nocturnal Owl Survey

- boow
- easo
- ggow
- ghow
- leow
- nhow
- nswo
- seow

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

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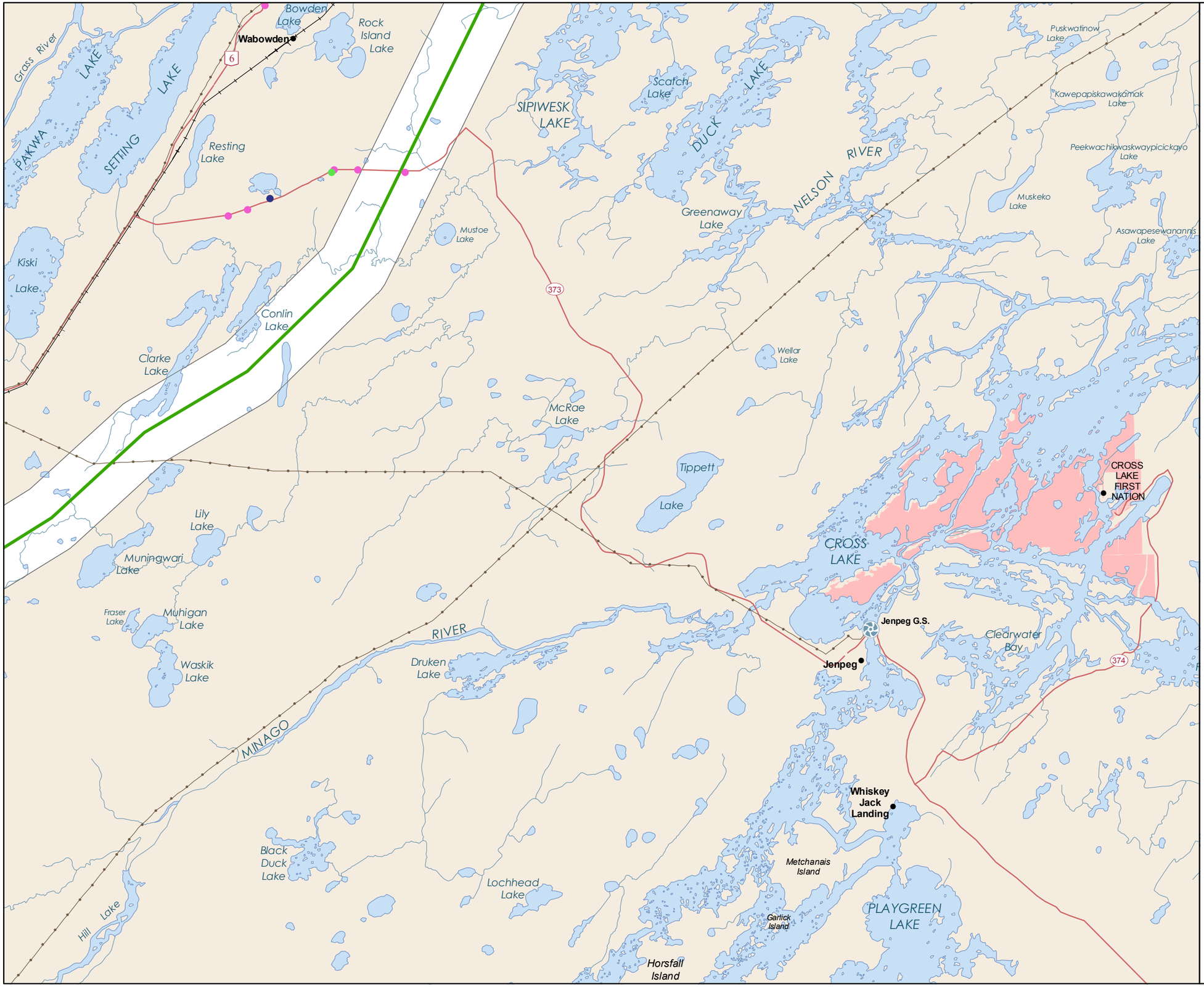
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0 3 6 Miles

1:250,000

Owl Observations From The 2010 Nocturnal Owl Survey

Map 1000-05



Manitoba Hydro

Bipole III Transmission Project

Project Infrastructure

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

Infrastructure

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

Nocturnal Owl Survey

- boow
- easo
- ggow
- ghow
- leow
- nhow
- nswo
- seow

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
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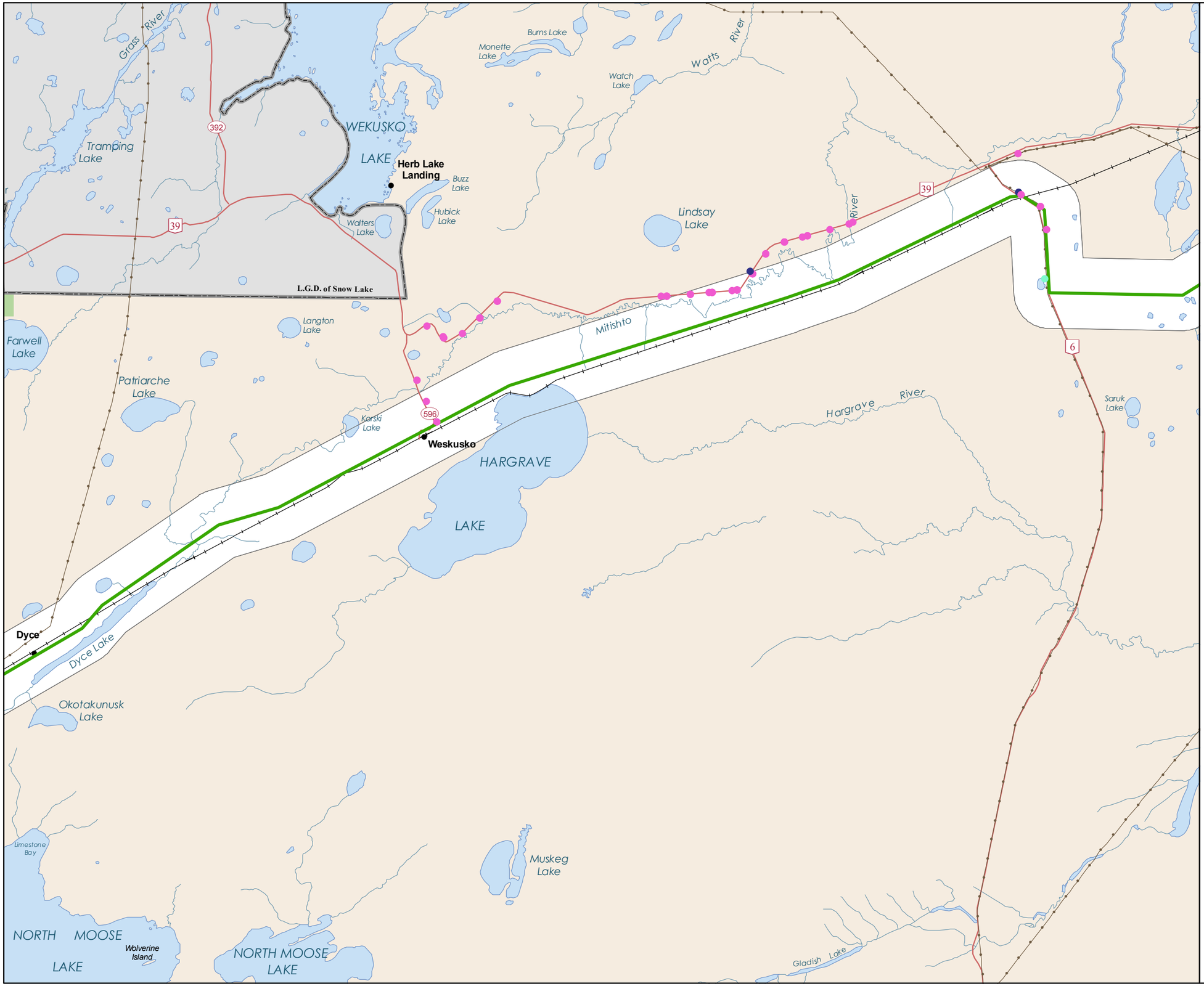
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0 3 6 Miles

1:250,000

Owl Observations From The 2010 Nocturnal Owl Survey

Map 1000-06



Manitoba Hydro

Bipole III Transmission Project

Project Infrastructure

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

Infrastructure

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

Nocturnal Owl Survey

- boow
- easo
- ggow
- ghow
- leow
- nhow
- nswo
- seow

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

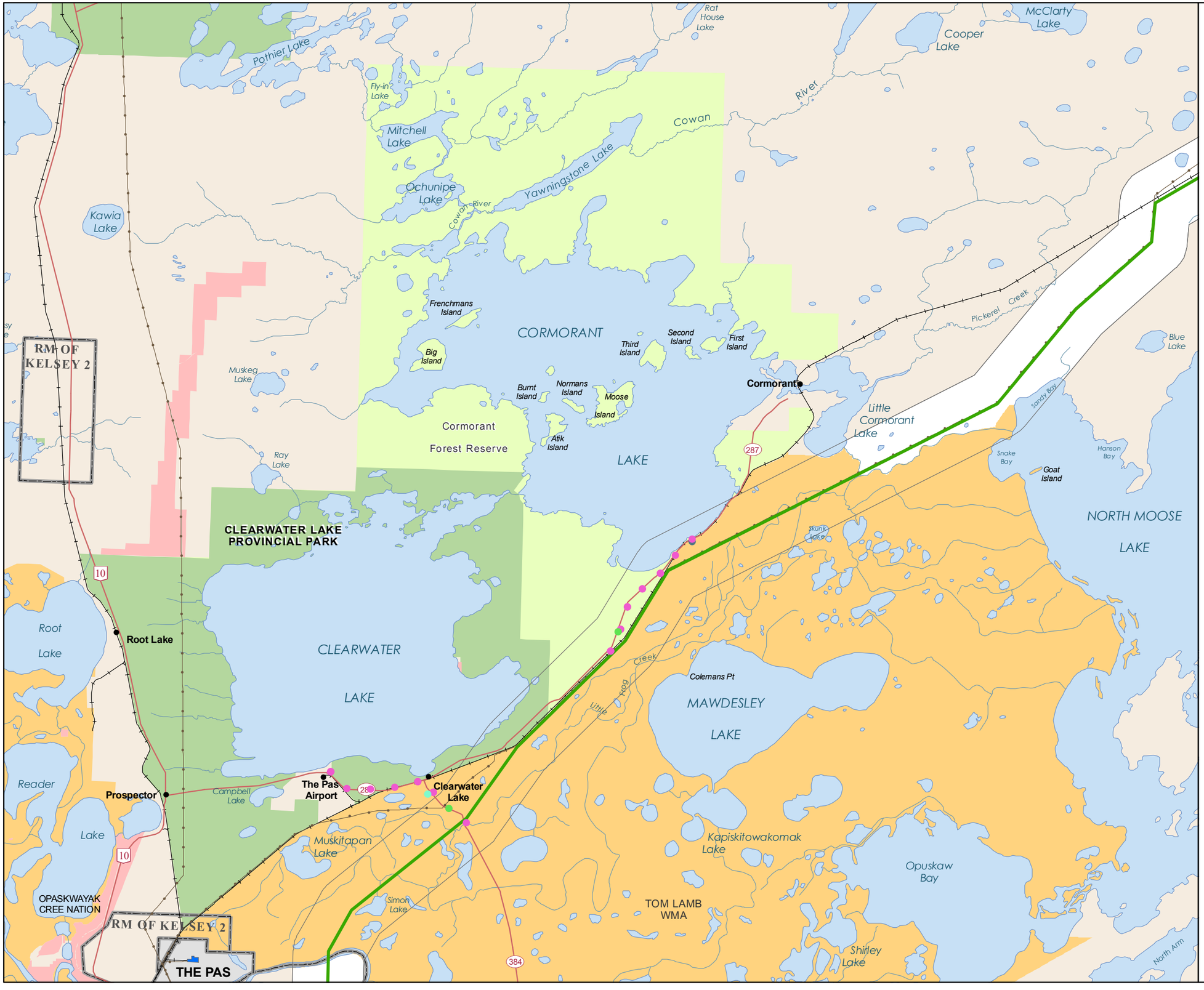
N

0 5 10 Kilometres
0 3 6 Miles

1:250,000

Owl Observations From The 2010 Nocturnal Owl Survey

Map 1000-07



Manitoba Hydro

Bipole III Transmission Project

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

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

Nocturnal Owl Survey
- boow
- easo
- ggow
- ghow
- leow
- nhow
- nswo
- seow

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

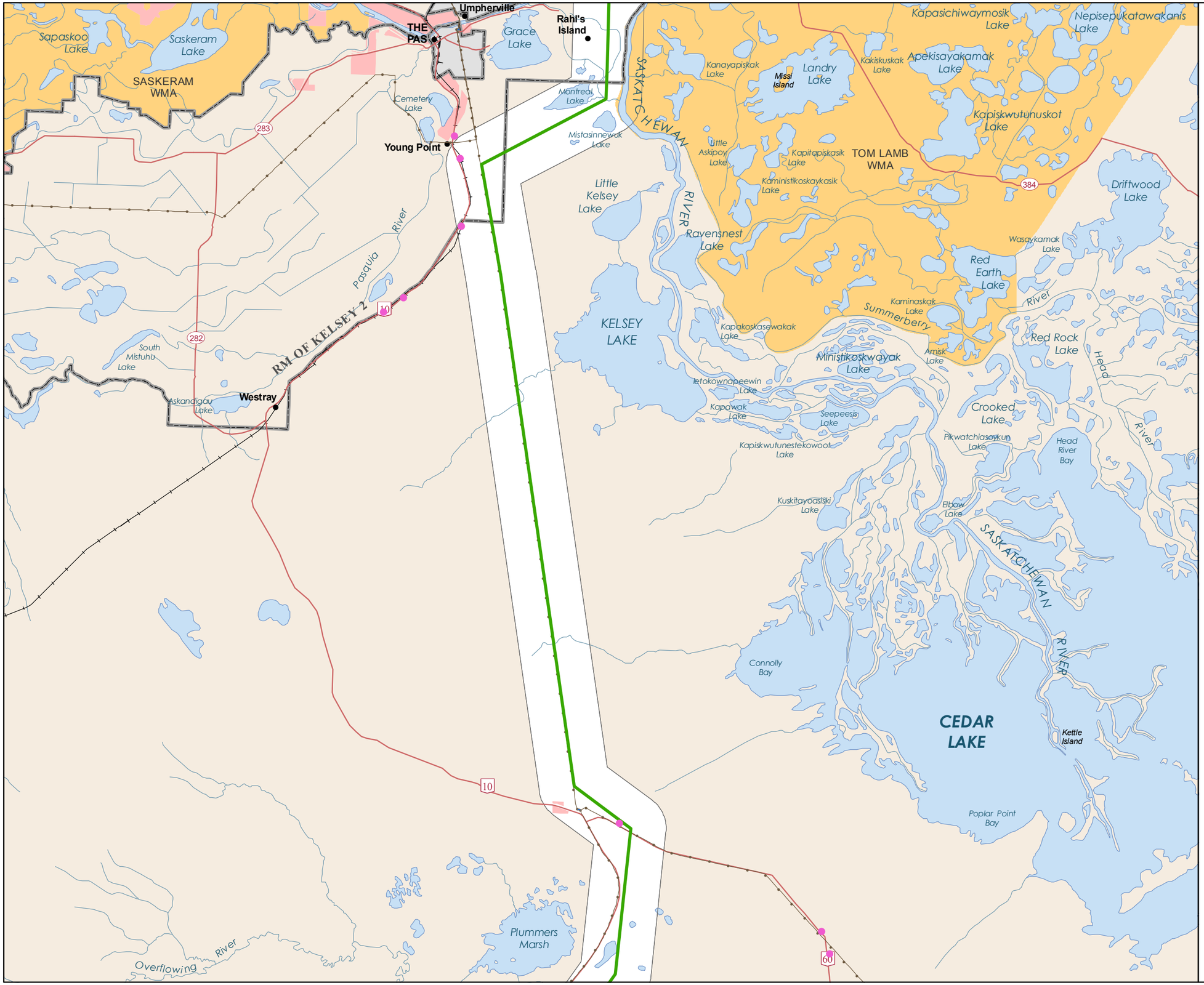
N

0 5 10 Kilometres
0 3 6 Miles

1:250,000

Owl Observations From The 2010 Nocturnal Owl Survey

Map 1000-08



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

Nocturnal Owl Survey

- boow
- easo
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- nhow
- nswo
- seow

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

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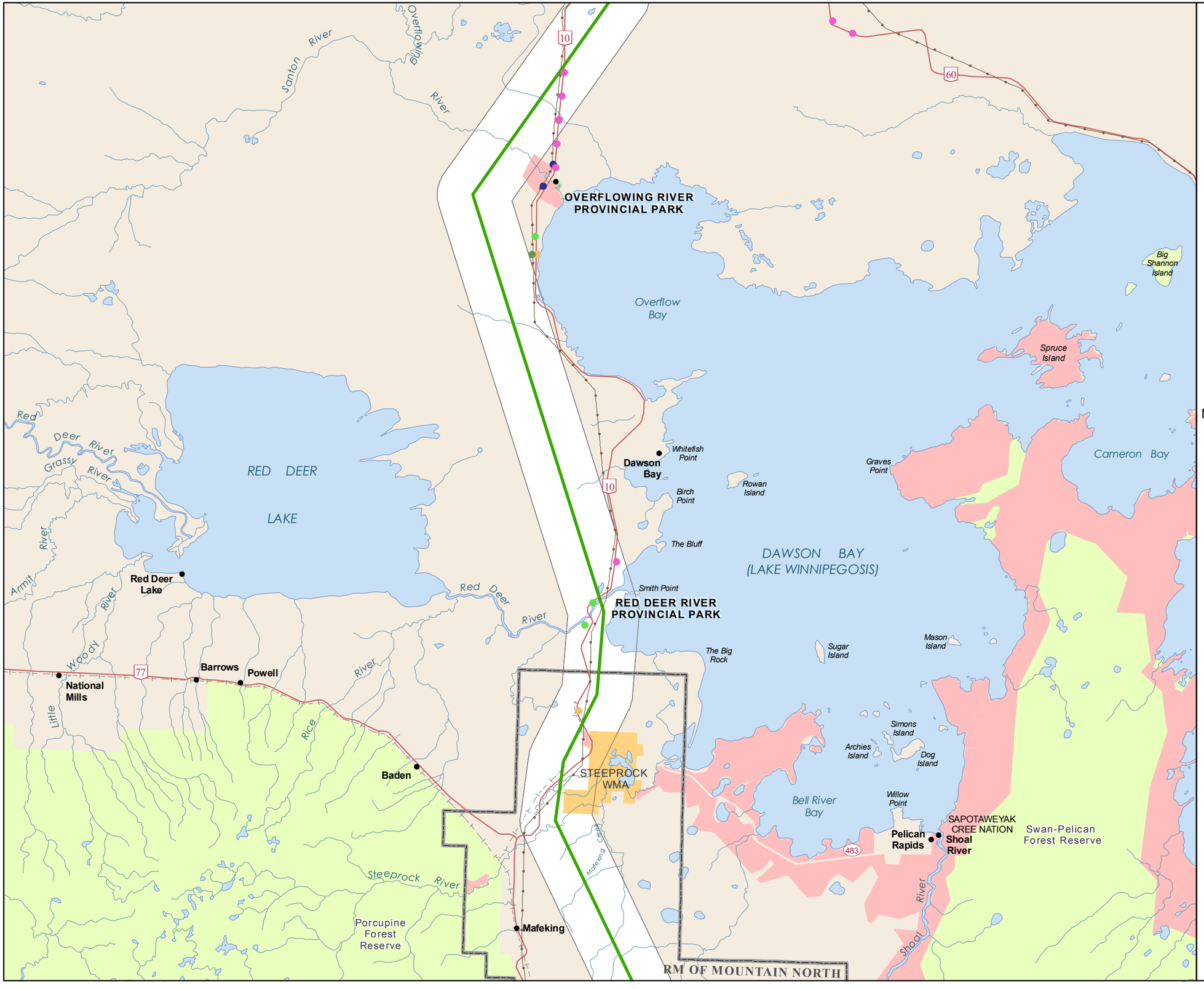
0 5 10 Kilometres

0 3 6 Miles

1:250,000

Owl Observations From The 2010 Nocturnal Owl Survey

Map 1000-09



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

Nocturnal Owl Survey

- boow
- easo
- ggow
- ghow
- leow
- nhow
- nswo
- seow

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

Owl Observations From The 2010 Nocturnal Owl Survey

Map 1000-10

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

Nocturnal Owl Survey

- boow
- easo
- ggow
- ghow
- leow
- nhow
- nswo
- seow

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

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

N

Owl Observations From The 2010 Nocturnal Owl Survey

Map 1000-11

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

Nocturnal Owl Survey

- boow
- easo
- ggow
- ghow
- leow
- nhow
- nswo
- seow

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
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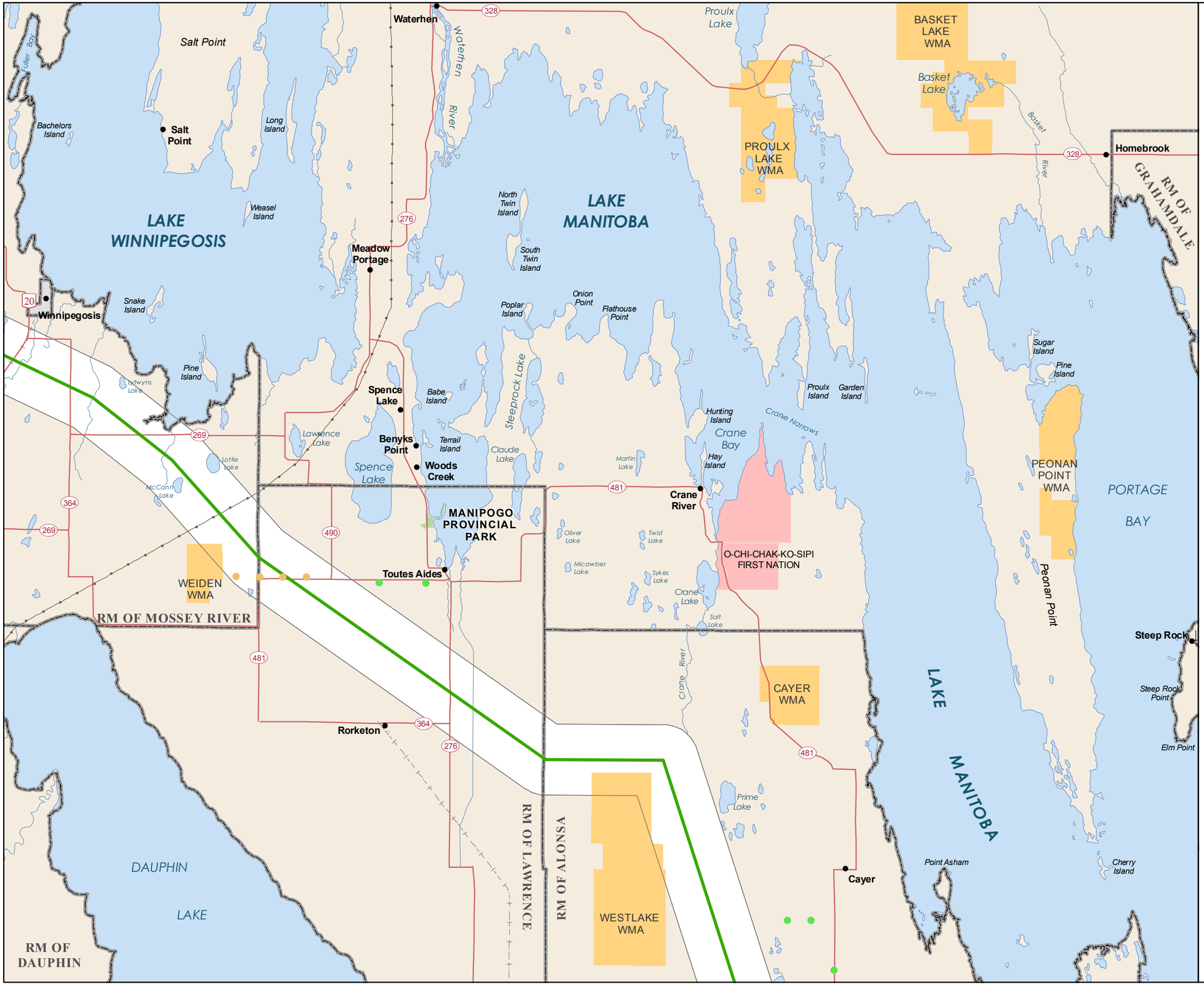
N

0 5 10 Kilometres
0 3 6 Miles

1:250,000

Owl Observations From The 2010 Nocturnal Owl Survey

Map 1000-12



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

Nocturnal Owl Survey
- boow
- easo
- ggow
- ghow
- leow
- nhow
- nswo
- seow

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

Owl Observations From The 2010 Nocturnal Owl Survey

Map 1000-13

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

Nocturnal Owl Survey

- boow
- easo
- ggow
- ghow
- leow
- nhow
- nswo
- seow

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
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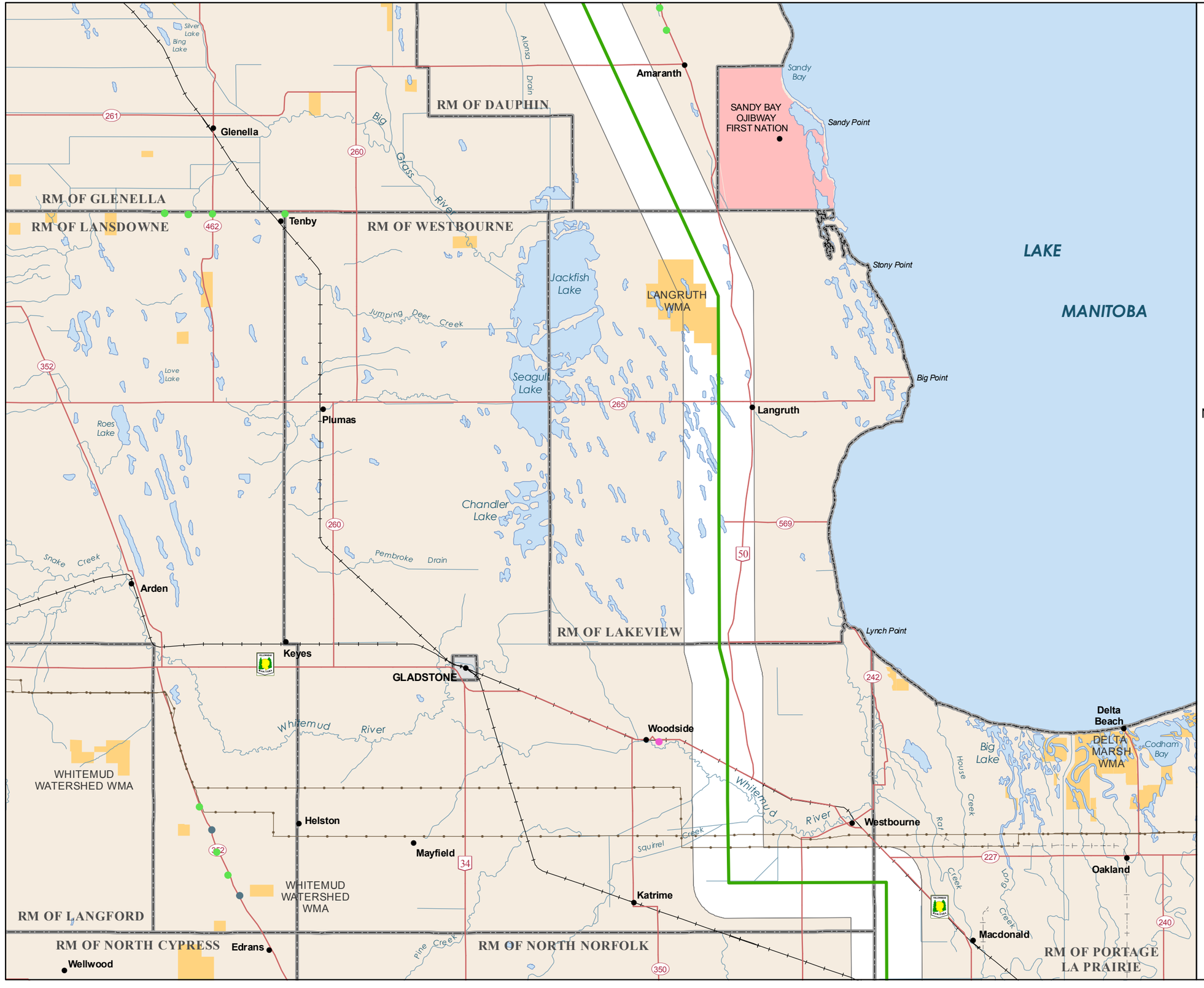
N

0 5 10 Kilometres
0 3 6 Miles

1:250,000

Owl Observations From The 2010 Nocturnal Owl Survey

Map 1000-14



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

Nocturnal Owl Survey

- boow
- easo
- ggow
- ghow
- leow
- nhow
- nswo
- seow

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
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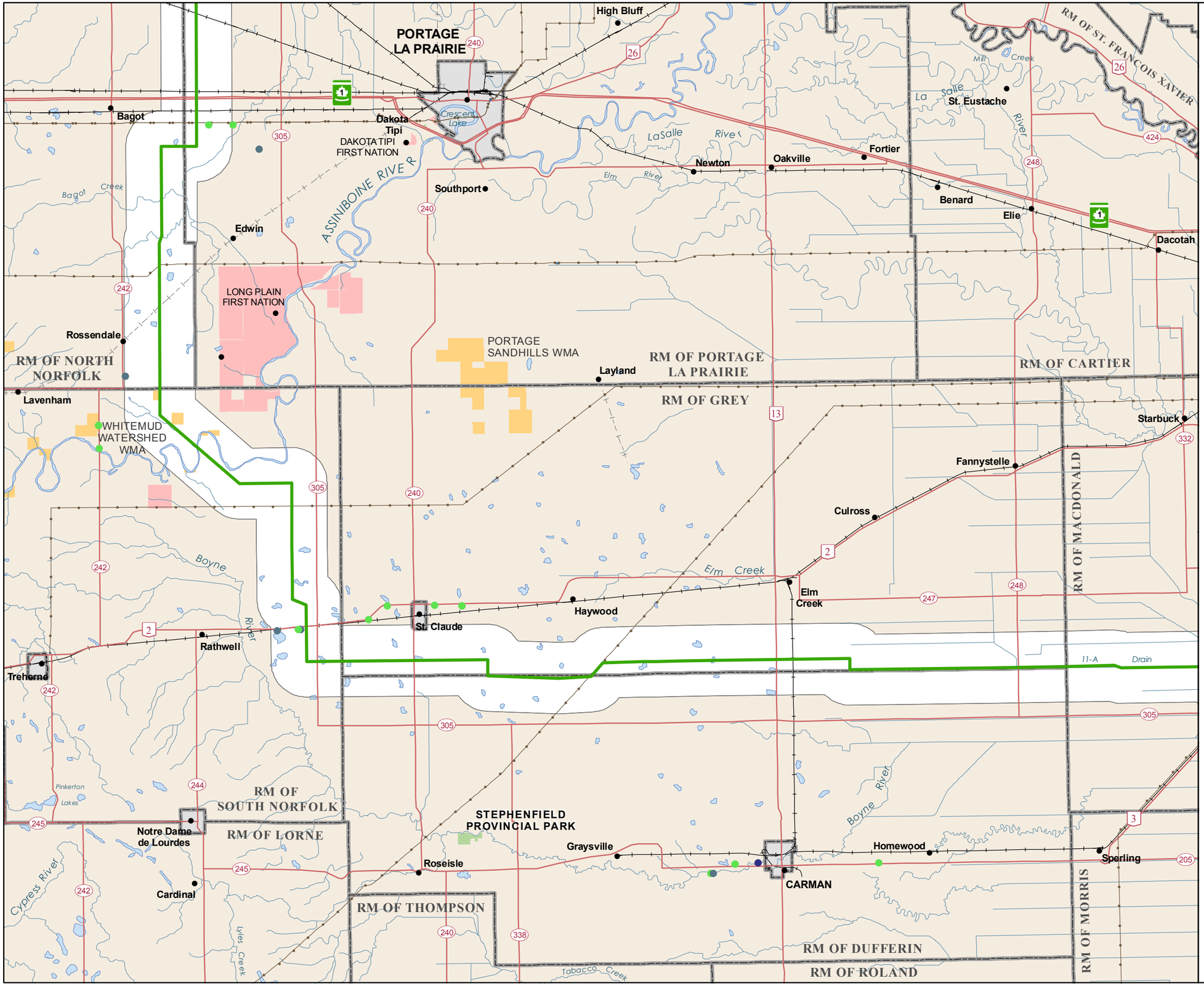
N

0 5 10 Kilometres
0 3 6 Miles

1:250,000

Owl Observations From The 2010 Nocturnal Owl Survey

Map 1000-15



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

Nocturnal Owl Survey

- boow
- easo
- ggow
- ghow
- leow
- nhow
- nswo
- seow

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

Owl Observations From The 2010 Nocturnal Owl Survey

Map 1000-16

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

Nocturnal Owl Survey

- boow
- easo
- ggow
- ghow
- leow
- nhow
- nswo
- seow

Landbase

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

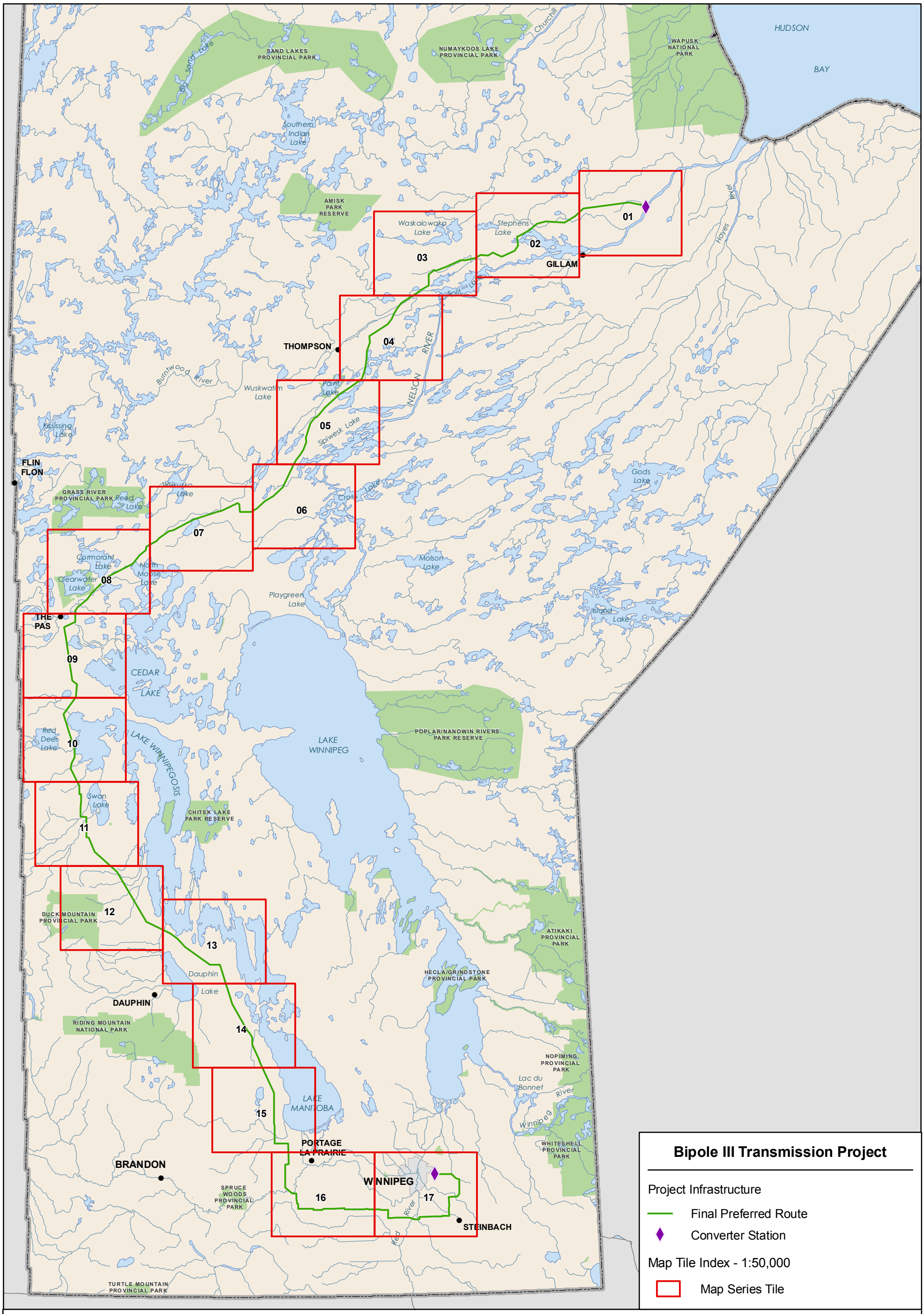
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Data Source: MBHydro, MMM, Stantec, ProvMB, NRCAN, WRCS
Date Created: August 13, 2011

N

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

Owl Observations From The 2010 Nocturnal Owl Survey

Map 1000-17



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: October 20, 2011

0 25 50 Kilometres
0 25 50 Miles

N

1:2,750,000

Index of Map Series

Environmentally Sensitive Sites for Birds

Map Series 1100

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

Environmentally Sensitive Site
- Sensitive Site for Birds

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

CHURCHILL WMA

Broten Lake

Jackfish Island

NELSON RIVER

Weir River

McMillan Creek

Nine Mile Creek

Goose Creek

Tiny Creek

Construction Power Station

Construction Power Line (KN36)

Construction Camp

Keewatinoow C.S.

Ground Electrode Line

AC Collector Lines

Swift Creek

Ground Electrode (NES6)

Sundance Creek

Amery

Conawapa Road

Lower Limestone Rapids

Angling River

Merrick Lake

Limestone River

Twelve Mile Creek

Three Mile Creek

Henday C.S.

FOX LAKE CREE NATION (BIRD)

Limestone G.S.

Town of Gillam

Leslie Creek

Moondance Creek

Angling Lake

Fifer Lake

280

Sky Pilot Creek

290

Long Spruce Rapids

Long Spruce G.S.

AC Collector Line

Kettle Rapids

Kettle G.S.

STEPHENS LAKE

Radisson C.S.

Boots Creek

FOX LAKE CREE NATION GILLAM

Brooks Creek

North Angling River

Coordinate System: UTM Zone 14N NAD83
Data Source: MBHydro, MMM, Stantec, ProvMB, NRCAN, WRCS
Date Created: October 20, 2011

N

0 5 10 Kilometres

0 3 6 Miles

1:250,000

Environmentally Sensitive Sites for Birds

Map 1100-01

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

Environmentally Sensitive Site
- Sensitive Site for Birds

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: October 20, 2011

N

0 5 10 Kilometres
0 3 6 Miles

1:250,000

Environmentally Sensitive Sites for Birds

Map 1100-02

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

Environmentally Sensitive Site

- Sensitive Site for Birds

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: October 20, 2011

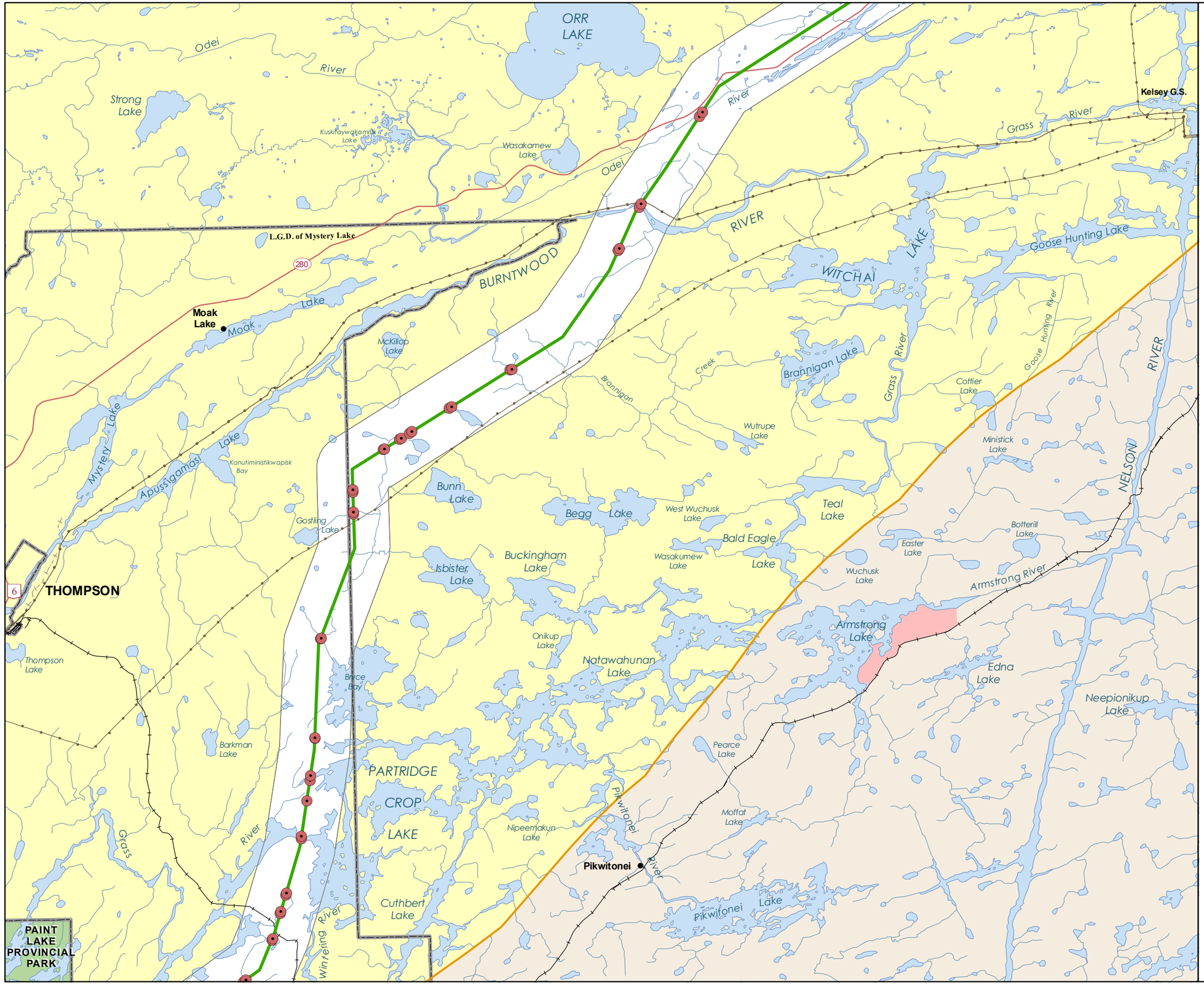
N

0 5 10 Kilometres
0 3 6 Miles

1:250,000

Environmentally Sensitive Sites for Birds

Map 1100-03



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

Environmentally Sensitive Site

- Sensitive Site for Birds

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: October 20, 2011

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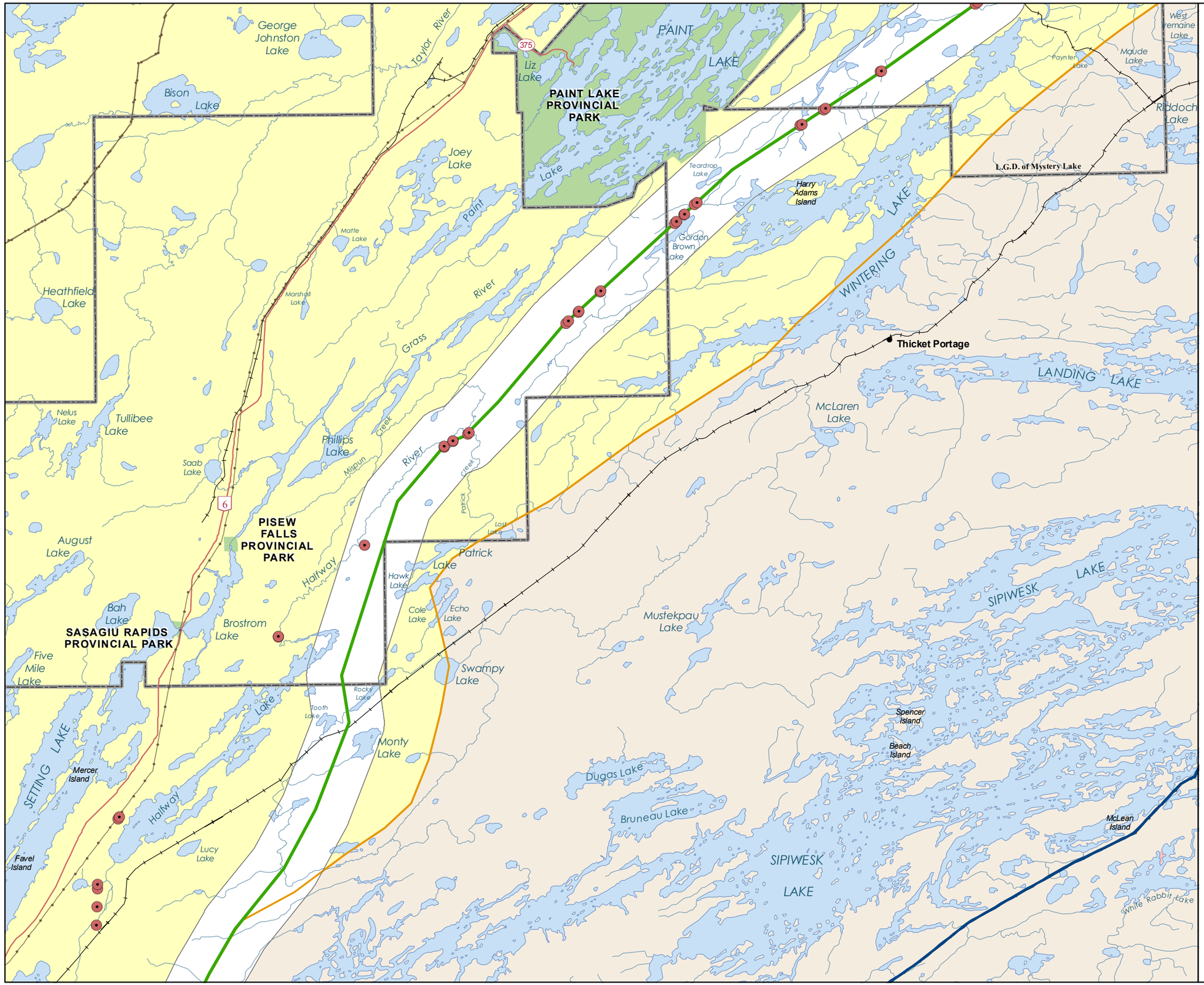
0 5 10 Kilometres

0 3 6 Miles

1:250,000

Environmentally Sensitive Sites for Birds

Map 1100-04



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

Environmentally Sensitive Site
- Sensitive Site for Birds

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: October 20, 2011

N

0 5 10 Kilometres
0 3 6 Miles

1:250,000

Environmentally Sensitive Sites for Birds

Map 1100-05

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

Environmentally Sensitive Site
- Sensitive Site for Birds

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: October 20, 2011

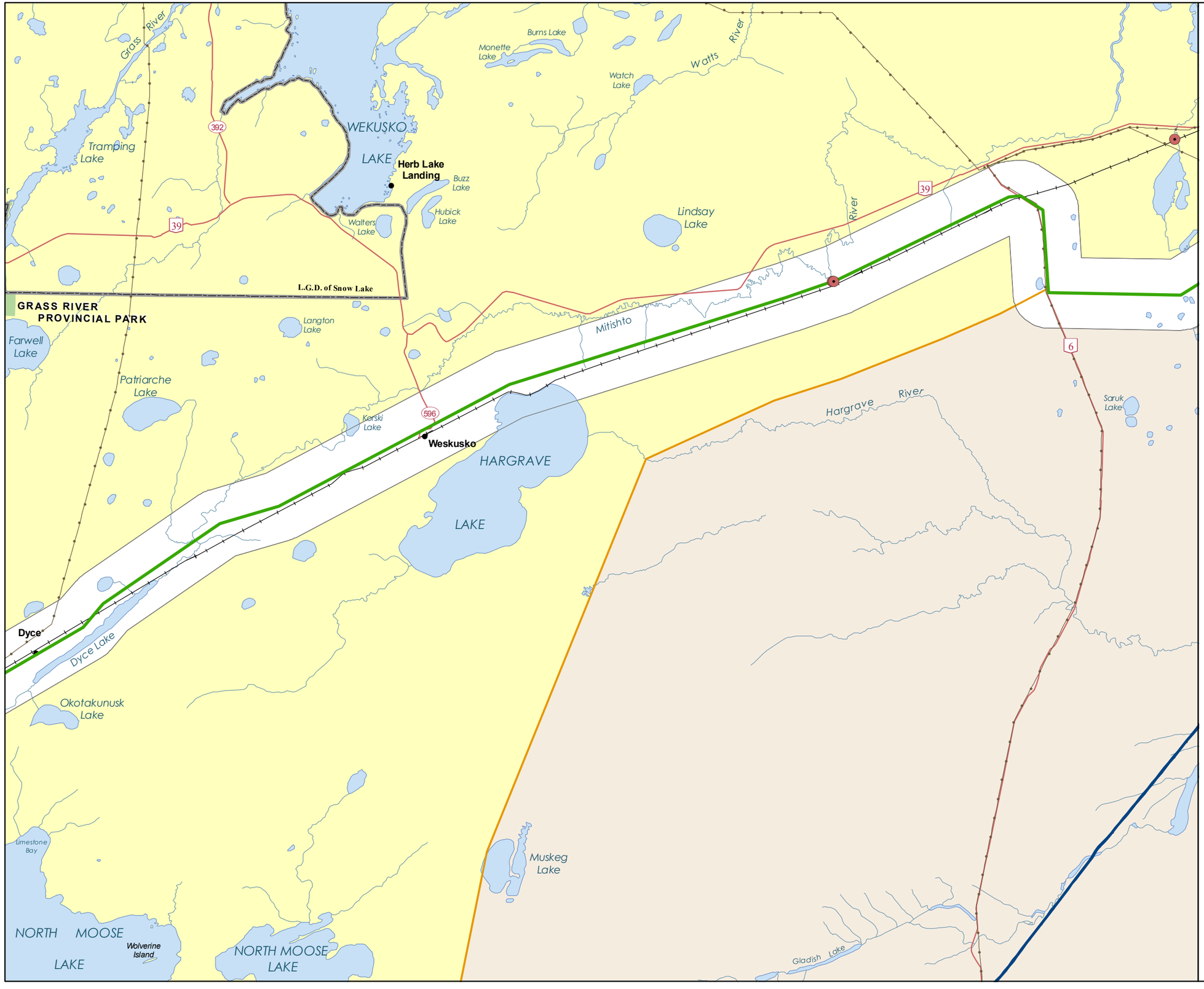
N

0 5 10 Kilometres
0 3 6 Miles

1:250,000

Environmentally Sensitive Sites for Birds

Map 1100-06



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

Environmentally Sensitive Site
- Sensitive Site for Birds

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: October 20, 2011

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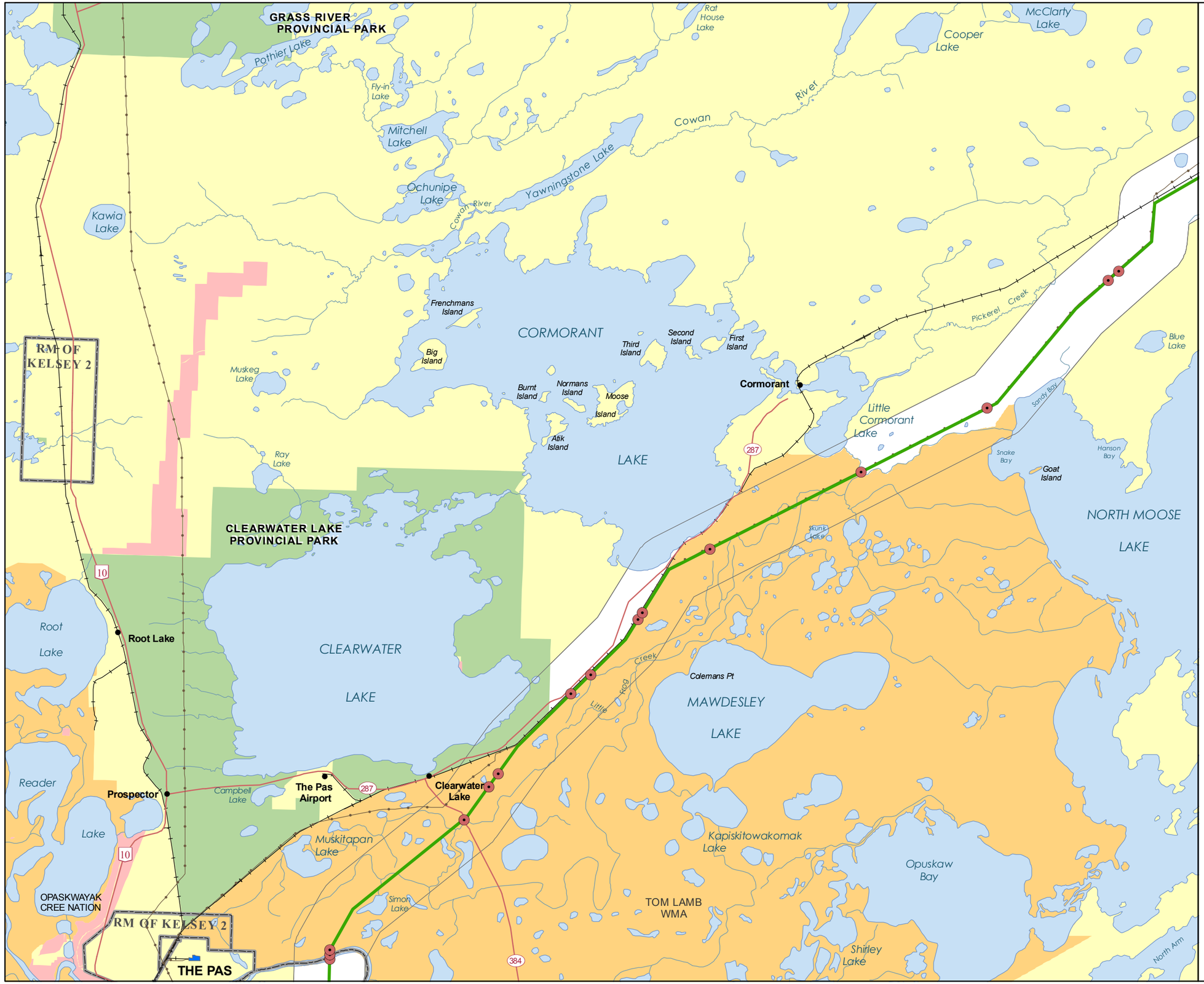
0 5 10 Kilometres

0 3 6 Miles

1:250,000

Environmentally Sensitive Sites for Birds

Map 1100-07



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

Environmentally Sensitive Site
- Sensitive Site for Birds

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: October 20, 2011

N

0 5 10 Kilometres
0 3 6 Miles

1:250,000

Environmentally Sensitive Sites for Birds

Map 1100-08

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

Environmentally Sensitive Site
- Sensitive Site for Birds

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: October 20, 2011

N

0 5 10 Kilometres
0 3 6 Miles

1:250,000

Environmentally Sensitive Sites for Birds

Map 1100-09

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

Environmentally Sensitive Site
- Sensitive Site for Birds

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: October 20, 2011

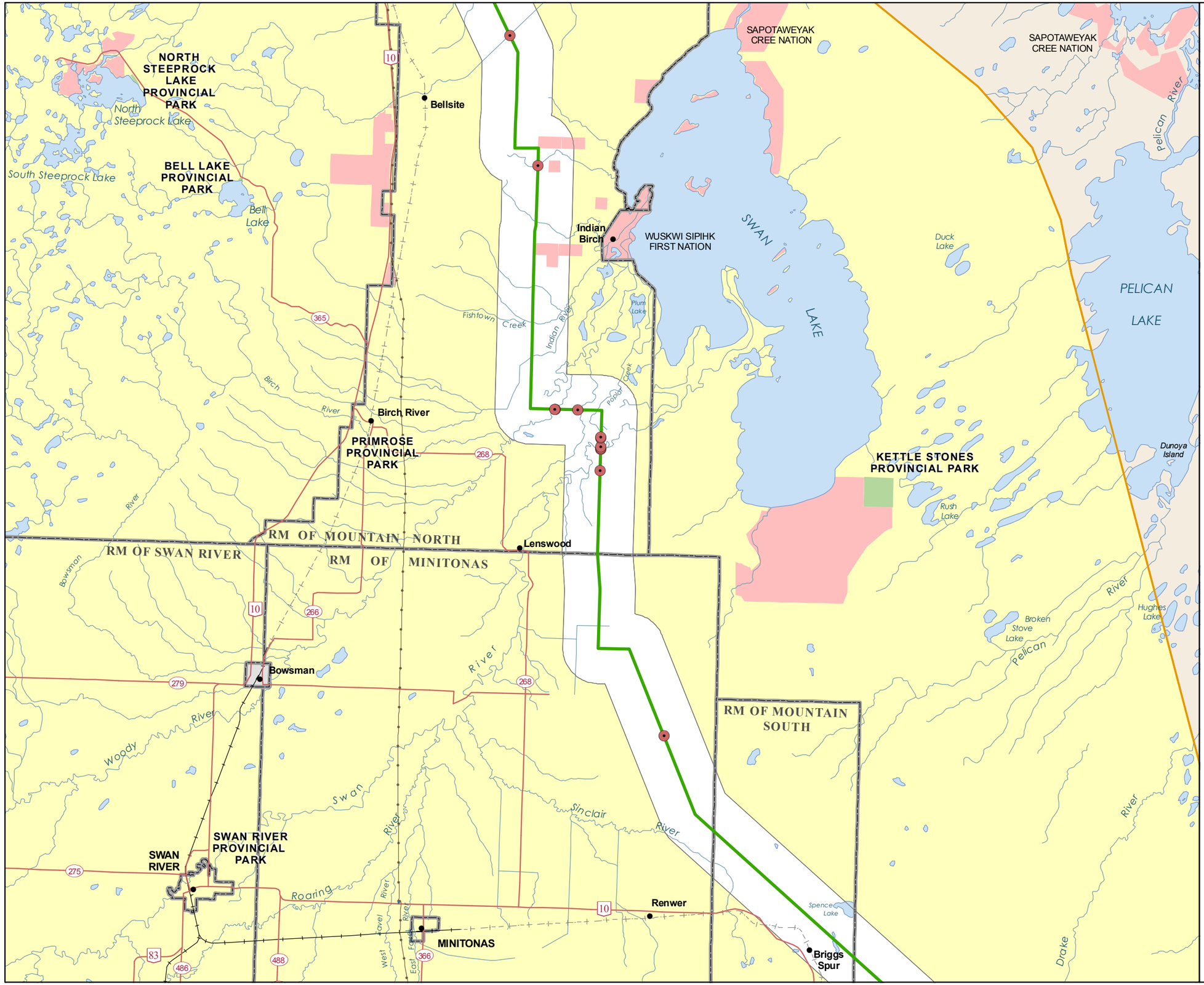
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0 3 6 Miles

1:250,000

Environmentally Sensitive Sites for Birds

Map 1100-10



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

Environmentally Sensitive Site
- Sensitive Site for Birds

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: October 20, 2011

N

0 5 10 Kilometres
0 3 6 Miles

1:250,000

Environmentally Sensitive Sites for Birds

Map 1100-11

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

Environmentally Sensitive Site
- Sensitive Site for Birds

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: October 20, 2011

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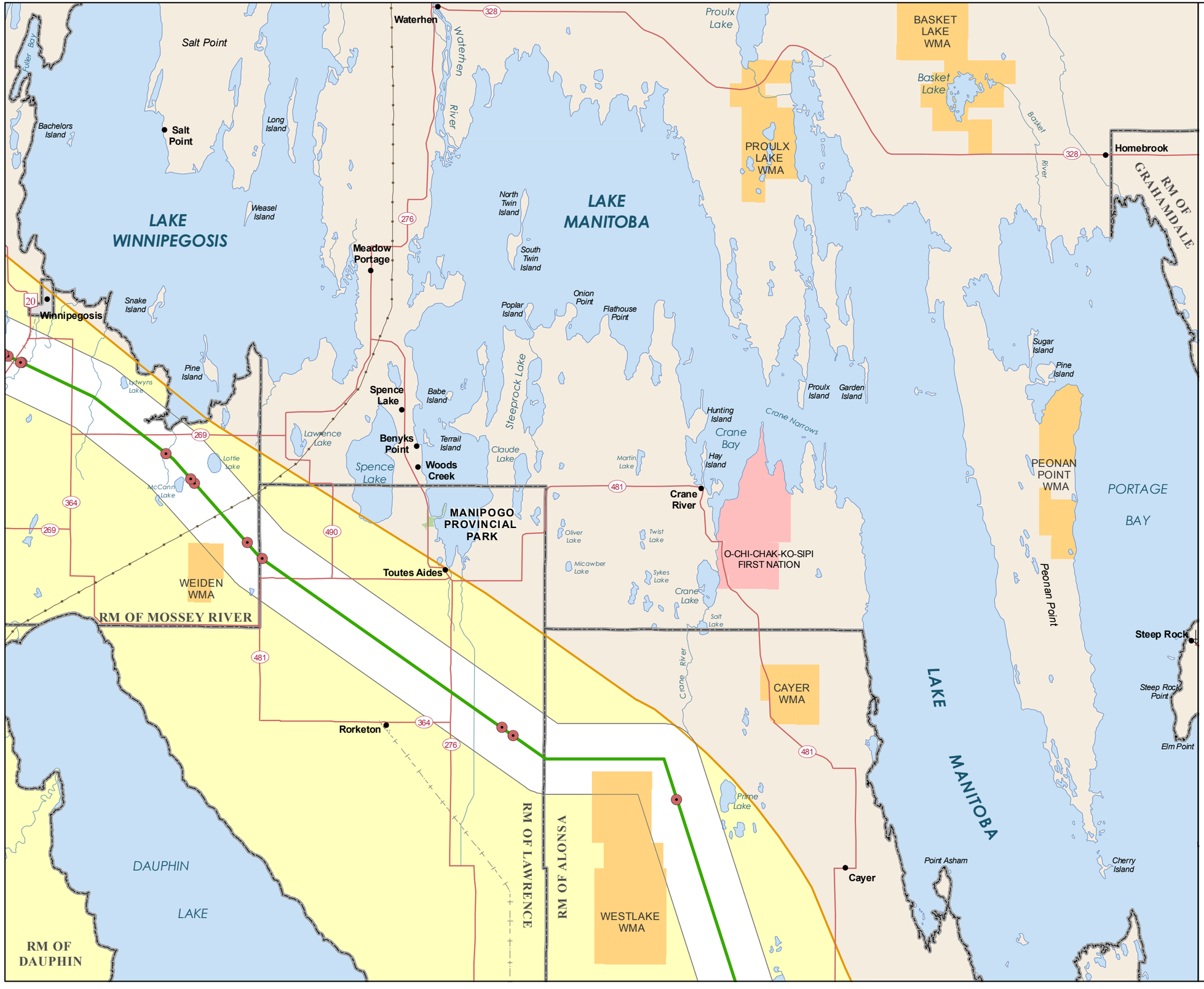
0 5 10 Kilometres
0 3 6 Miles

1:250,000

Environmentally Sensitive Sites for Birds

Map 1100-12

Cowan
Camperville
Duck River
Pine River
Garland
Ethelbert
Fork River
RM OF MINITONAS
SPRINGWATER PROVINCIAL PARK
RM OF MOUNTAIN SOUTH
RM OF ETHELBERT
RM OF MOSSEY RIVER
POINT RIVER WMA
DUCK MOUNTAIN PROVINCIAL PARK
Sagemace Bay (Lake Winnipegosis)
Gamblers Point
McKay Point
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
Gull Lake
Beautiful Lake
McLellan Lake
Shallow Lake
Whitemud Lake
Storm Lake
Elk Lake
Island Lake
Shanty Lake
North Angling Lake
East Angling Lake
Loon Lake
North Duck River
South Duck River
Scalter River
Pine River
Garland Point River
Roaring River
Shell River
East Shell River
Fork River
Fishing River
Mossey River
485
366
20
272
489
10
271
269
367
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

Environmentally Sensitive Site
- Sensitive Site for Birds

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: October 20, 2011

N

0 5 10 Kilometres
0 3 6 Miles

1:250,000

Environmentally Sensitive Sites for Birds

Map 1100-13

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

Environmentally Sensitive Site
- Sensitive Site for Birds

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: October 20, 2011

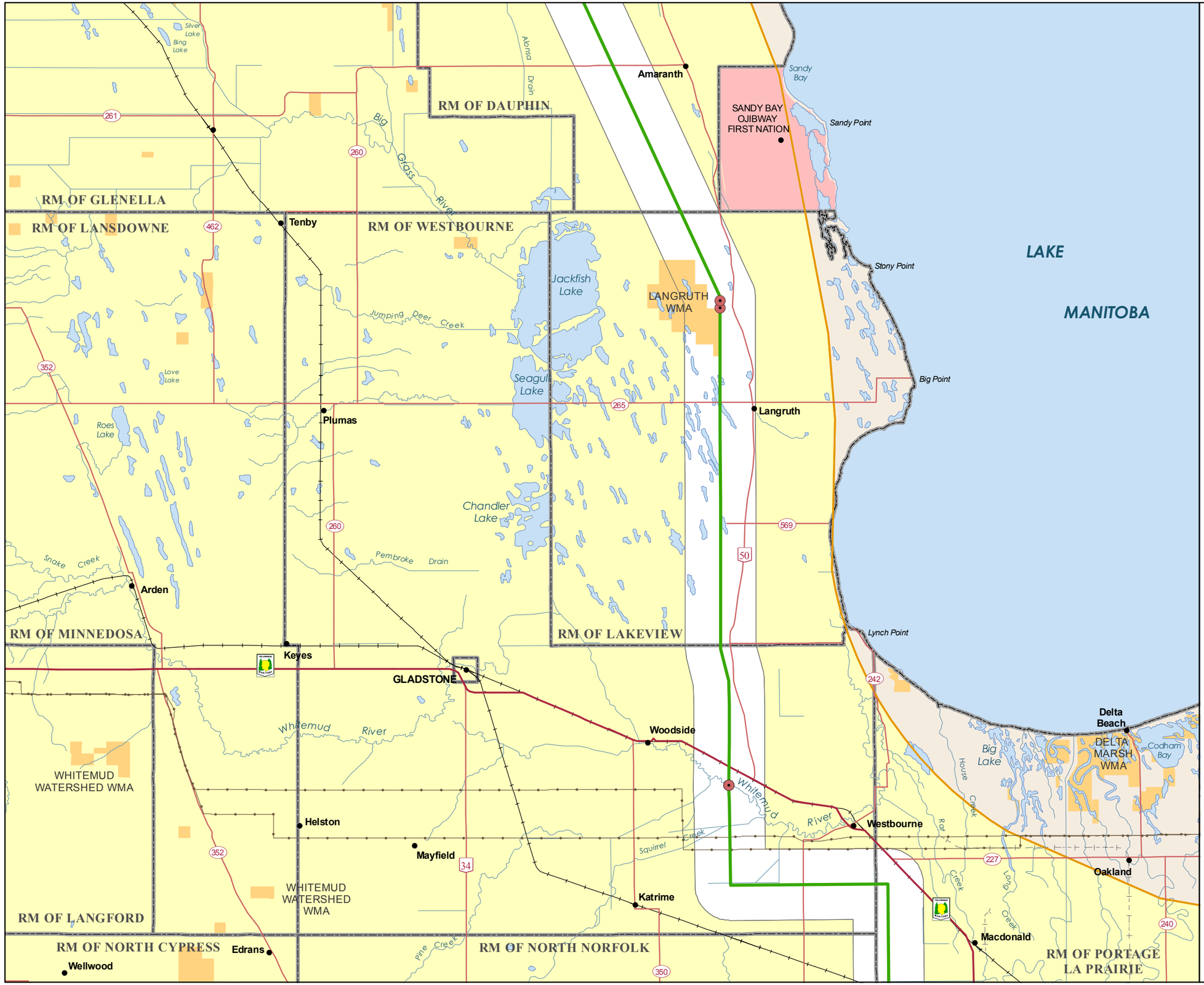
0 5 10 Kilometres
0 3 6 Miles

1:250,000

N

Environmentally Sensitive Sites for Birds

Map 1100-14



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

Environmentally Sensitive Site
- Sensitive Site for Birds

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: October 20, 2011

N

0 5 10 Kilometres
0 3 6 Miles

1:250,000

Environmentally Sensitive Sites for Birds

Map 1100-15

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

Environmentally Sensitive Site
- Sensitive Site for Birds

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: October 20, 2011

N

0 5 10 Kilometres
0 3 6 Miles

1:250,000

Environmentally Sensitive Sites for Birds

Map 1100-16

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

Environmentally Sensitive Site
- Sensitive Site for Birds

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: October 20, 2011

N

0 5 10 Kilometres
0 3 6 Miles

1:250,000

Environmentally Sensitive Sites for Birds

Map 1100-17

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

- Mallard Survey Observations
- Mallard 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 Mallard Habitat in the Local Study Area

Map 1200-01

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
- Mallard Survey Observations
- Mallard 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 Mallard Habitat in the Local Study Area

Map 1200-02

Manitoba Hydro

Bipole III Transmission Project

Project Infrastructure

- Final Preferred Route
- Converter Station
- Local Study Area

Infrastructure

- Transmission Line

Bird Information

- Mallard Survey Observations
- Mallard 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
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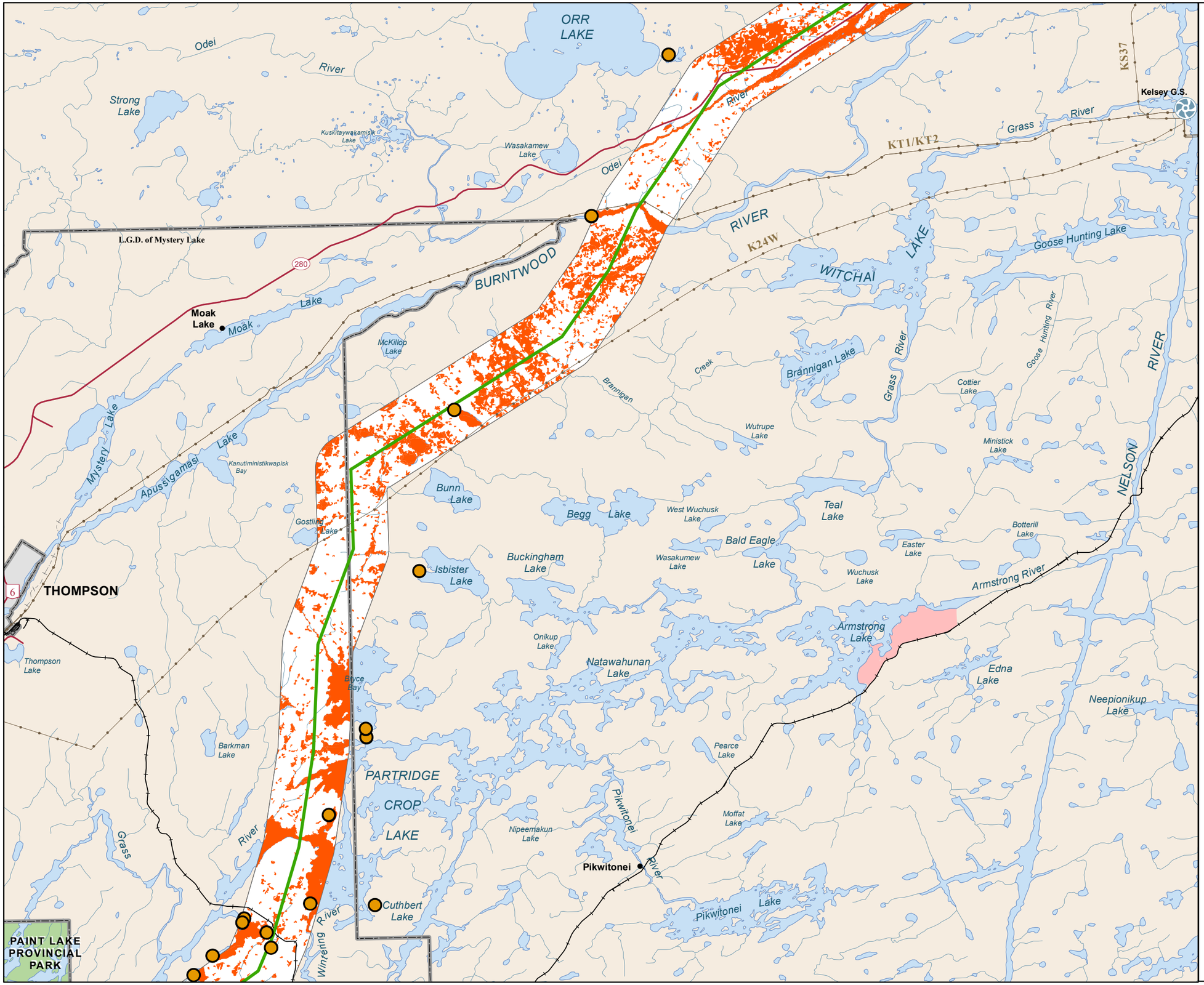
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0 3 6 Miles

1:250,000

Distribution of Modeled Mallard Habitat in the Local Study Area

Map 1200-03



Manitoba Hydro

Bipole III Transmission Project

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

Infrastructure
- Transmission Line

Bird Information
- Mallard Survey Observations
- Mallard 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 Mallard Habitat in the Local Study Area

Map 1200-04

Manitoba Hydro

Bipole III Transmission Project

Project Infrastructure

- Final Preferred Route
- Converter Station
- Local Study Area

Infrastructure

- Transmission Line

Bird Information

- Mallard Survey Observations
- Mallard 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 Mallard Habitat in the Local Study Area

Map 1200-05

Manitoba Hydro

Bipole III Transmission Project

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

Infrastructure
- Transmission Line

Bird Information
- Mallard Survey Observations
- Mallard Modeled Habitat

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

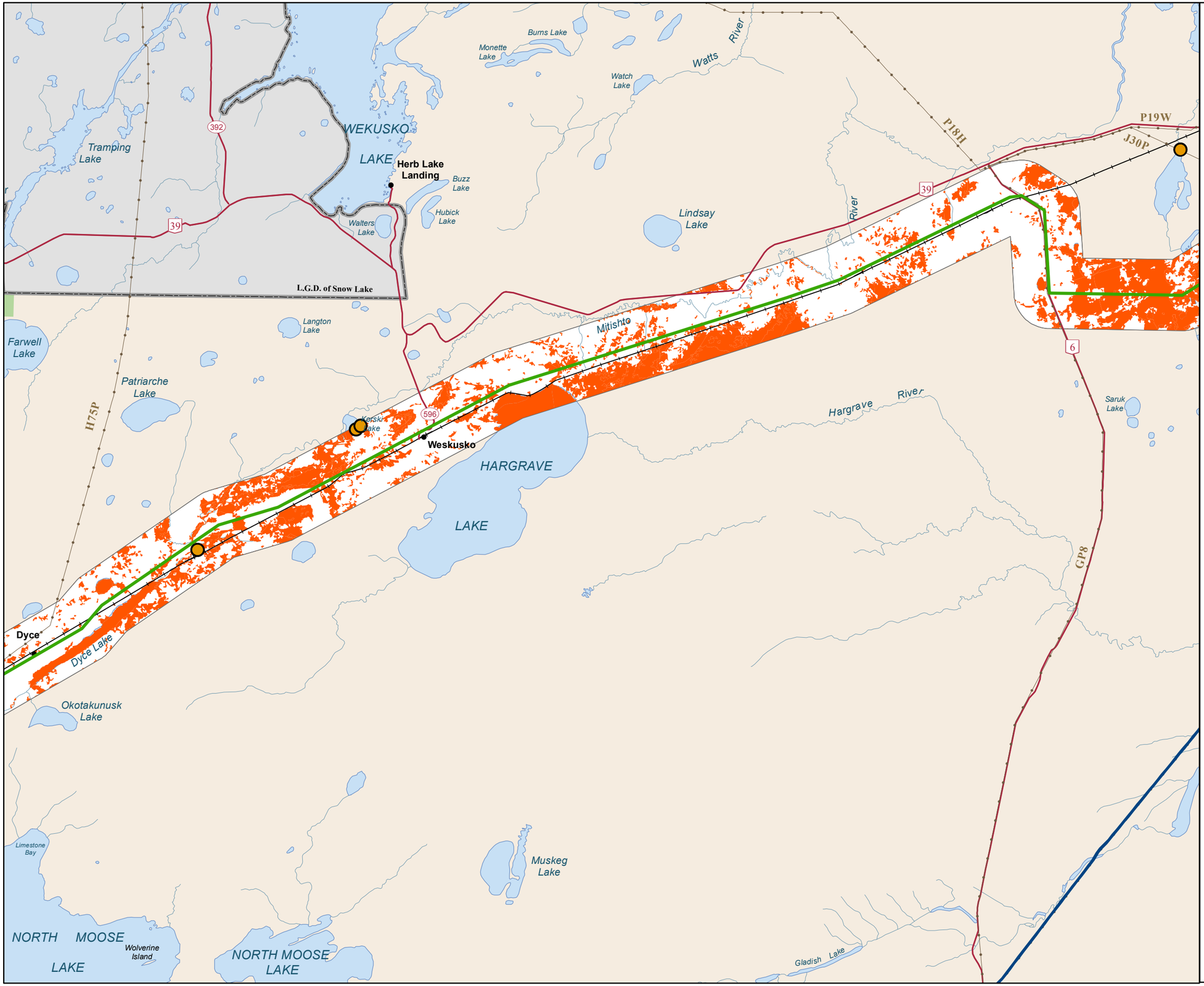
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Data Source: MBHydro, ProvMB, NRCAN, MMM, Stantec, WRCS, Joro
Date Created: July 25, 2011

N

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0 3 6 Miles
1:250,000

Distribution of Modeled Mallard Habitat in the Local Study Area

Map 1200-06



Manitoba Hydro

Bipole III Transmission Project

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

Infrastructure
- Transmission Line

Bird Information
- Mallard Survey Observations
- Mallard 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 Mallard Habitat in the Local Study Area

Map 1200-07

Manitoba Hydro

Bipole III Transmission Project

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

Infrastructure
- Transmission Line

Bird Information
- Mallard Survey Observations
- Mallard 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 Mallard Habitat in the Local Study Area

Map 1200-08

Pothier Lake
Rat House Lake
McClarty Lake
Cooper Lake
Fly-in Lake
Mitchell Lake
Cowan River
Yawningstone Lake
Ochunipe Lake
Cowan River
Kawia Lake
P58C
RM OF KELSEY 2
Frenchmans Island
CORMORANT LAKE
Big Island
Third Island
Second Island
First Island
Pickerel Creek
Blue Lake
Muskeg Lake
Burnt Island
Normans Island
Moose Island
Cormorant
Cormorant Forest Reserve
Atik Island
Little Cormorant Lake
Sandy Bay
Ray Lake
287
Snake Bay
Hanson Bay
Goat Island
CLEARWATER LAKE PROVINCIAL PARK
NORTH MOOSE LAKE
Skunk Lake
10
Root Lake
Root Lake
CLEARWATER LAKE
Colemans Pt
Frost Creek
Little
MAWDESLEY LAKE
Reader Lake
Prospector
Campbell Lake
The Pas Airport
287
Clearwater Lake
Muskitapan Lake
Kapiskitowakomak Lake
Opuskaw Bay
OPASKWAYAK CREE NATION
10
RM OF KELSEY 2
THE PAS
Simon Lake
TOM LAMB WMA
384
Shirley Lake
North Arm

Manitoba Hydro

Bipole III Transmission Project

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

Infrastructure
- Transmission Line

Bird Information
- Mallard Survey Observations
- Mallard 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
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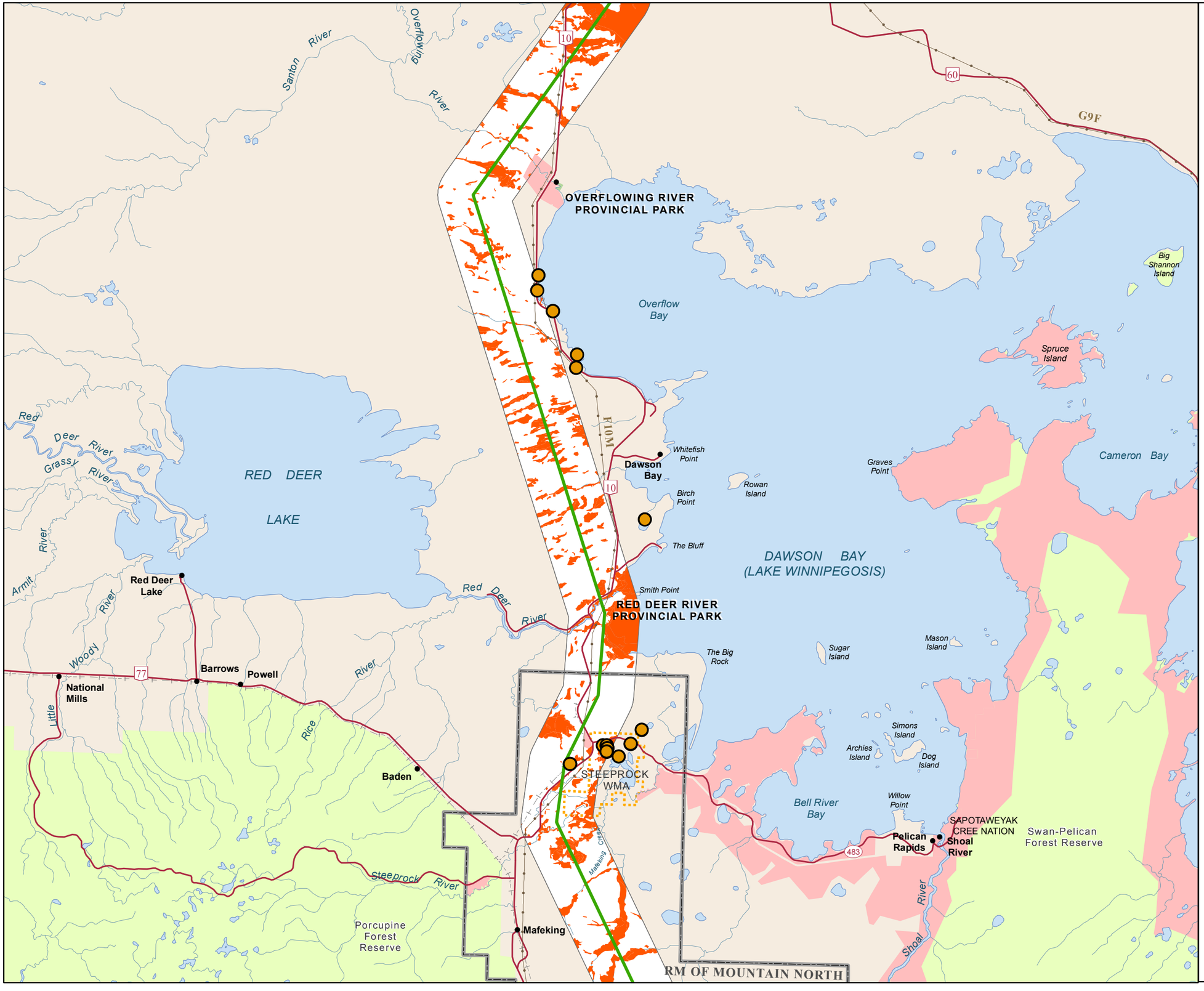
N

0 5 10 Kilometres
0 3 6 Miles

1:250,000

Distribution of Modeled Mallard Habitat in the Local Study Area

Map 1200-09



Manitoba Hydro

Bipole III Transmission Project

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

Infrastructure
- Transmission Line

Bird Information
- Mallard Survey Observations
- Mallard 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 Mallard Habitat in the Local Study Area

Map 1200-10

Manitoba Hydro

Bipole III Transmission Project

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

Infrastructure
- Transmission Line

Bird Information
- Mallard Survey Observations
- Mallard Modeled Habitat

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

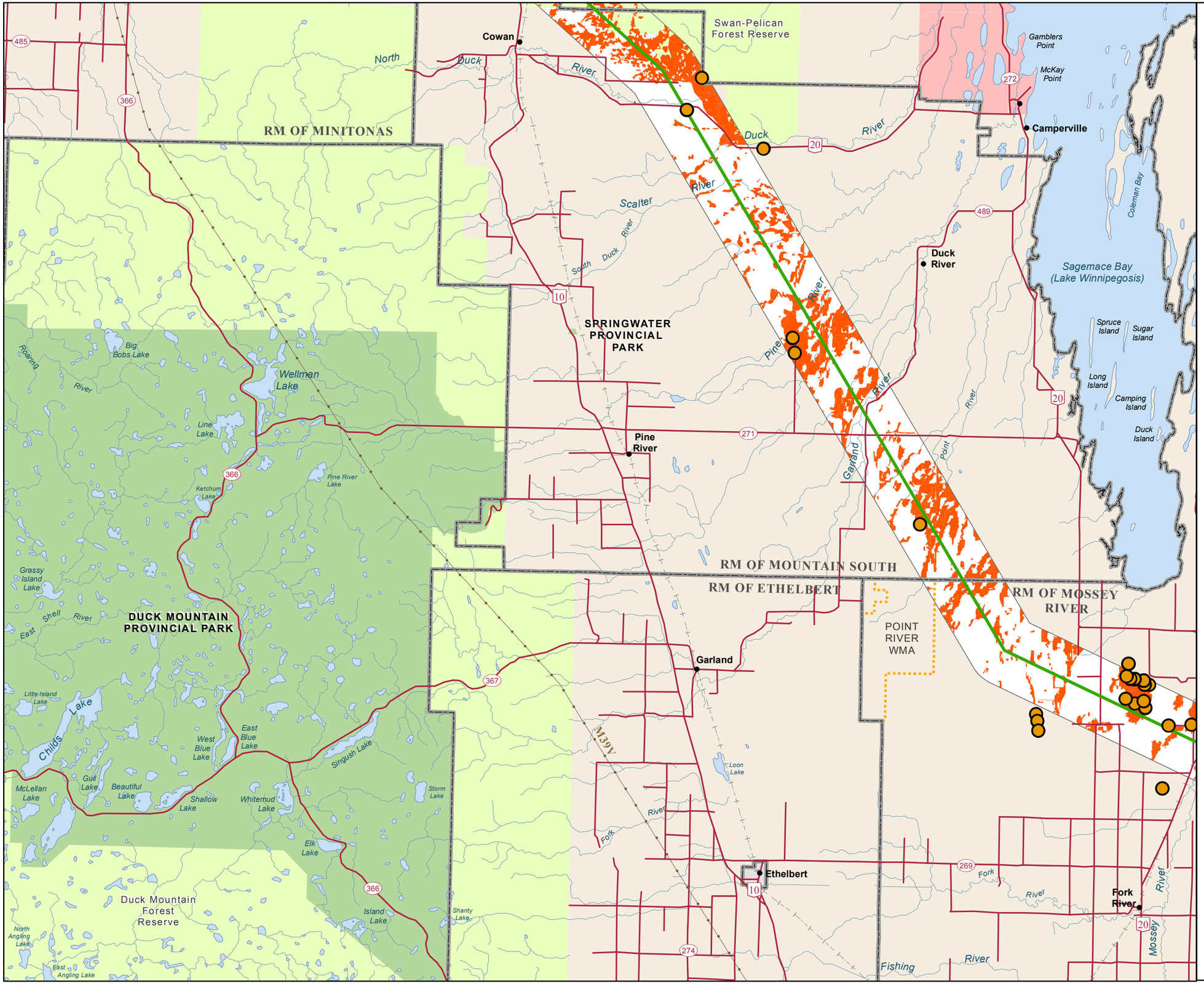
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Data Source: MBHydro, ProvMB, NRCAN, MMM, Stantec, WRCS, Joro
Date Created: July 25, 2011

N

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

Distribution of Modeled Mallard Habitat in the Local Study Area

Map 1200-11



Manitoba Hydro

Bipole III Transmission Project

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

Infrastructure
- Transmission Line

Bird Information
- Mallard Survey Observations
- Mallard Modeled Habitat

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

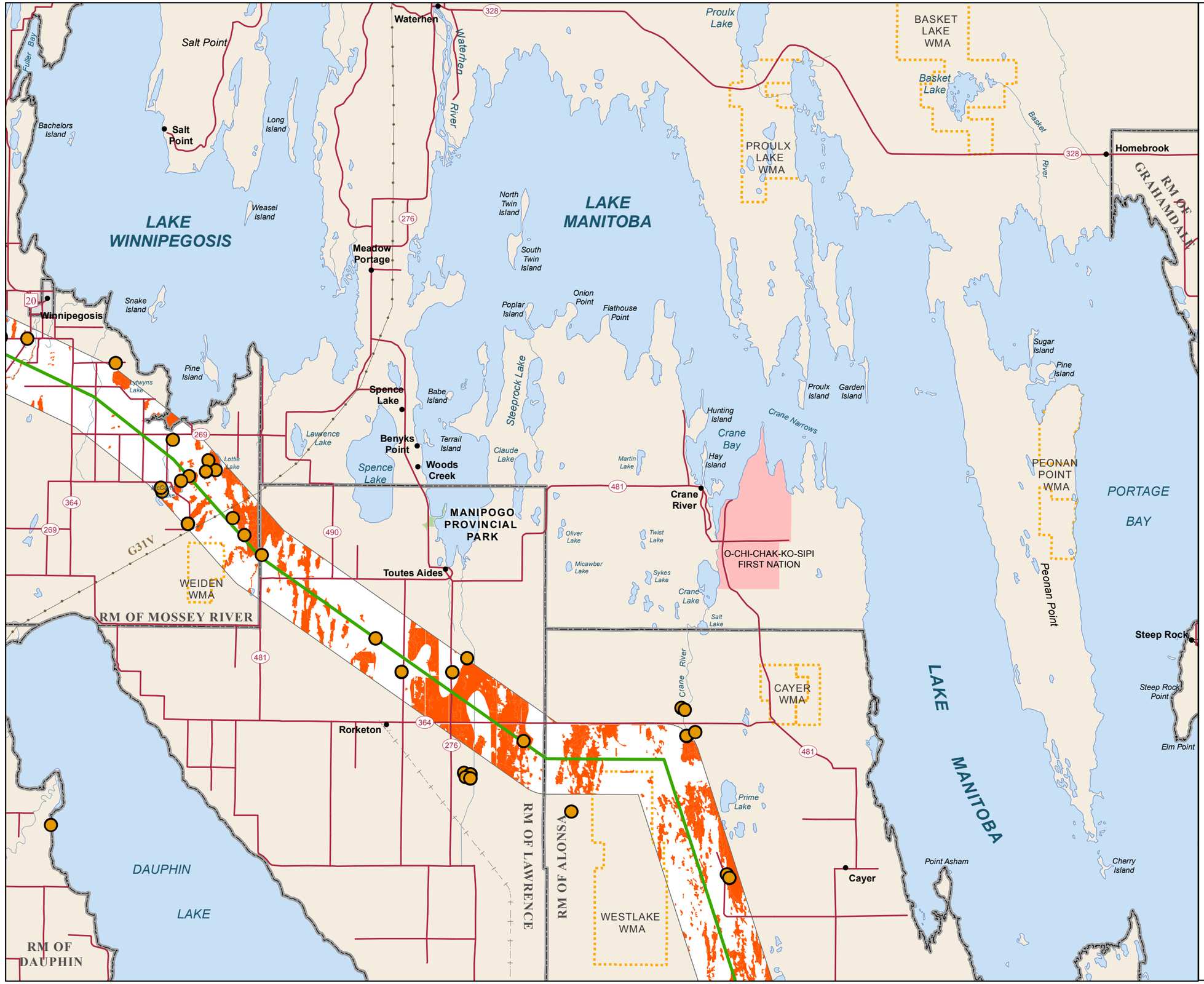
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Data Source: MBHydro, ProvMB, NRCAN, MMM, Stantec, WRCS, Joro
Date Created: July 25, 2011

N

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

Distribution of Modeled Mallard Habitat in the Local Study Area

Map 1200-12



Manitoba Hydro

Bipole III Transmission Project

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

Infrastructure
- Transmission Line

Bird Information
- Mallard Survey Observations
- Mallard 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 Mallard Habitat in the Local Study Area

Map 1200-13

Manitoba Hydro

Bipole III Transmission Project

Project Infrastructure

- Final Preferred Route
- Converter Station
- Local Study Area

Infrastructure

- Transmission Line

Bird Information

- Mallard Survey Observations
- Mallard Modeled Habitat

Landbase

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

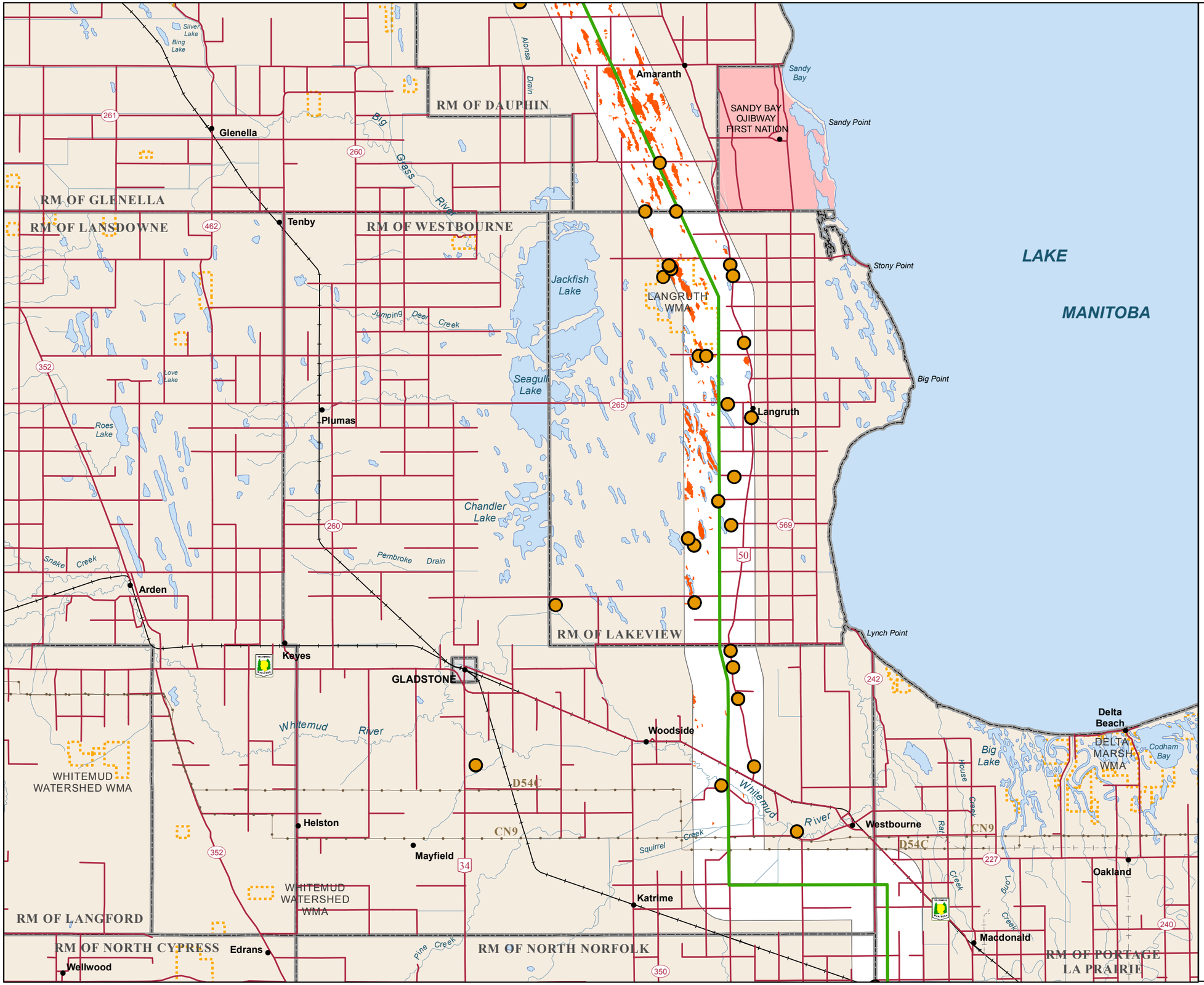
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Data Source: MBHydro, ProvMB, NRCAN, MMM, Stantec, WRCS, Joro
Date Created: July 25, 2011

N

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

Distribution of Modeled Mallard Habitat in the Local Study Area

Map 1200-14



Manitoba Hydro

Bipole III Transmission Project

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

Infrastructure
- Transmission Line

Bird Information
- Mallard Survey Observations
- Mallard 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
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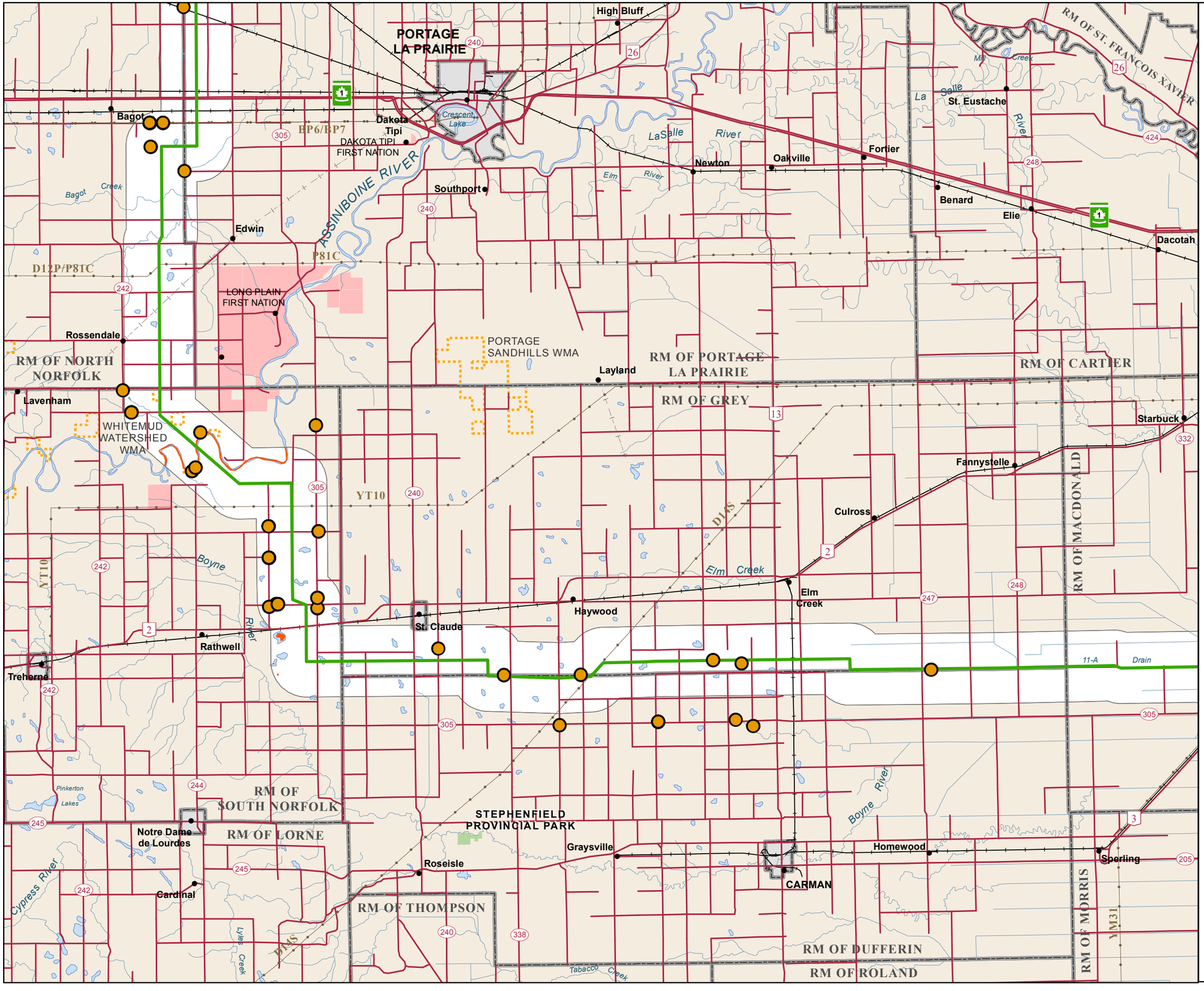
N

0 5 10 Kilometres
0 3 6 Miles

1:250,000

Distribution of Modeled Mallard Habitat in the Local Study Area

Map 1200-15



Manitoba Hydro

Bipole III Transmission Project

Project Infrastructure

- Final Preferred Route
- Converter Station
- Local Study Area

Infrastructure

- Transmission Line

Bird Information

- Mallard Survey Observations
- Mallard 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

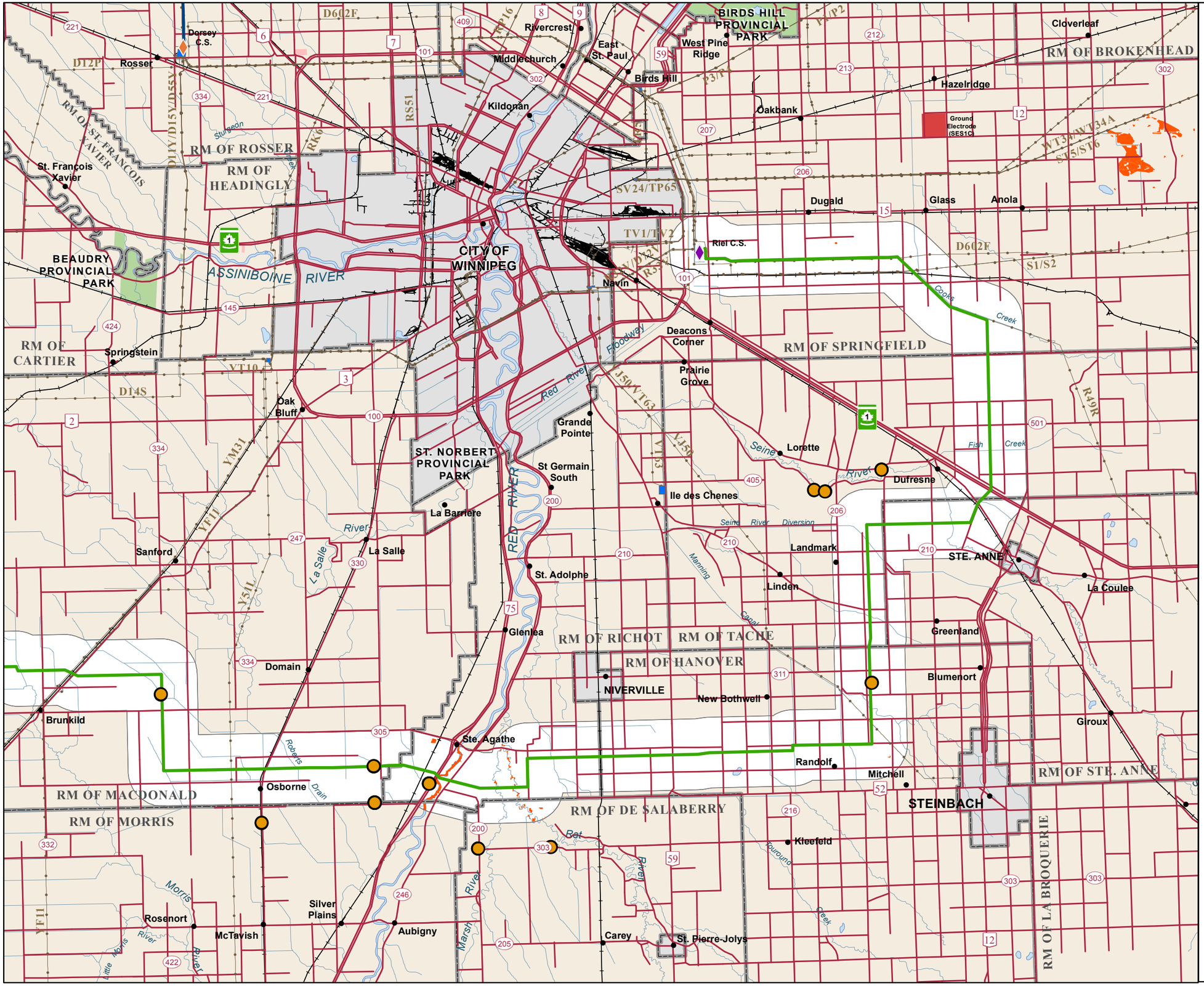
N

0 5 10 Kilometres
0 3 6 Miles

1:250,000

Distribution of Modeled Mallard Habitat in the Local Study Area

Map 1200-16



Manitoba Hydro

Bipole III Transmission Project

Project Infrastructure

- Final Preferred Route
- Converter Station
- Local Study Area

Infrastructure

- Transmission Line

Bird Information

- Mallard Survey Observations
- Mallard 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 Mallard Habitat in the Local Study Area

Map 1200-17

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

- Sandhill Crane Survey Observations
- Sandhill Crane Modeled Habitat

Landbase

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

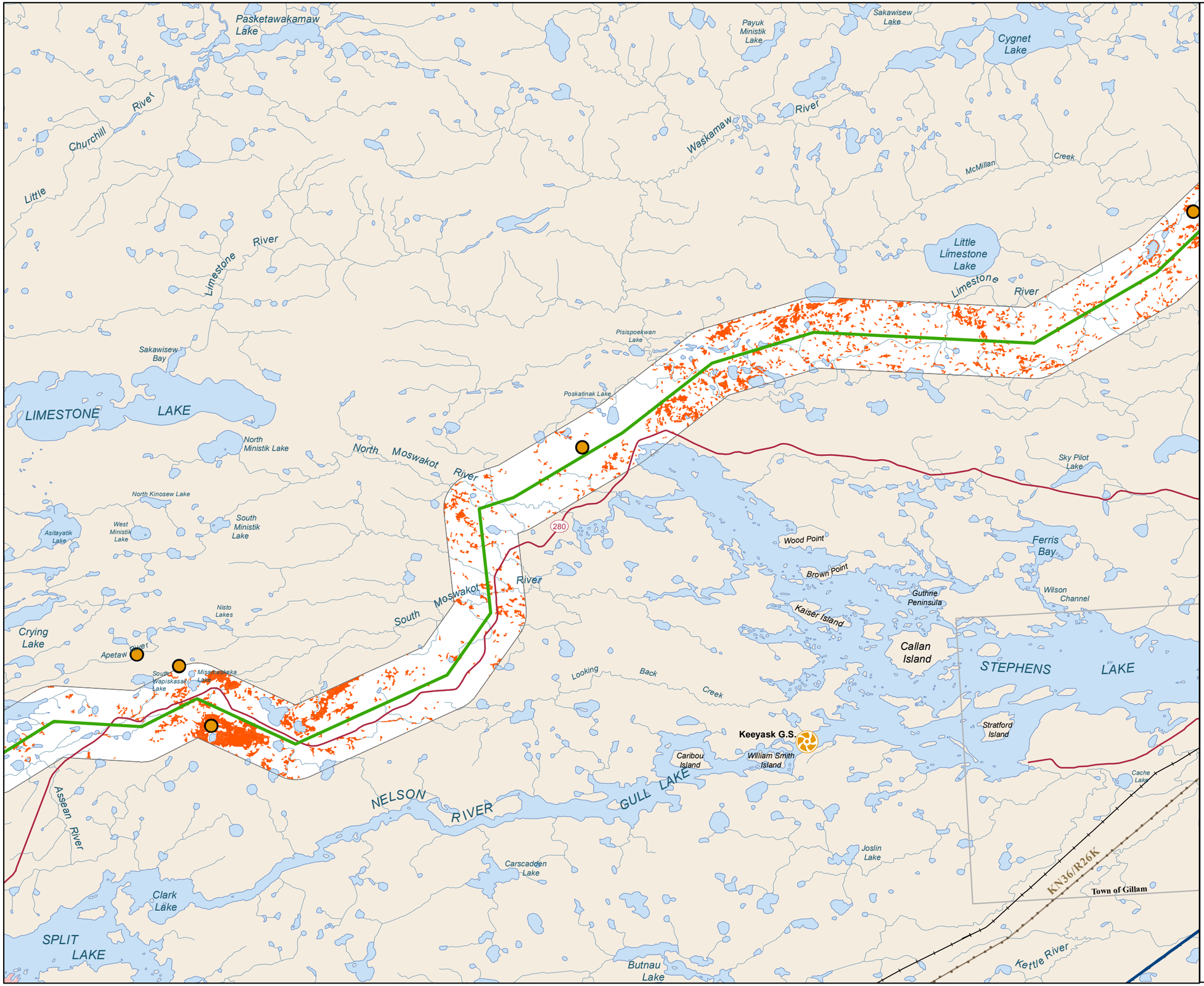
Coordinate System: UTM Zone 14N NAD83
Data Source: MBHydro, ProvMB, NRCAN, MMM, Stantec, WRCS, Joro
Date Created: July 25, 2011

N

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

Distribution of Modeled Sandhill Crane Habitat in the Local Study Area

Map 1300-01



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
- Sandhill Crane Survey Observations
- Sandhill Crane 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 Sandhill Crane Habitat in the Local Study Area

Map 1300-02

Manitoba Hydro

Bipole III Transmission Project

Project Infrastructure

- Final Preferred Route
- Converter Station
- Local Study Area

Infrastructure

- Transmission Line

Bird Information

- Sandhill Crane Survey Observations
- Sandhill Crane Modeled Habitat

Landbase

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

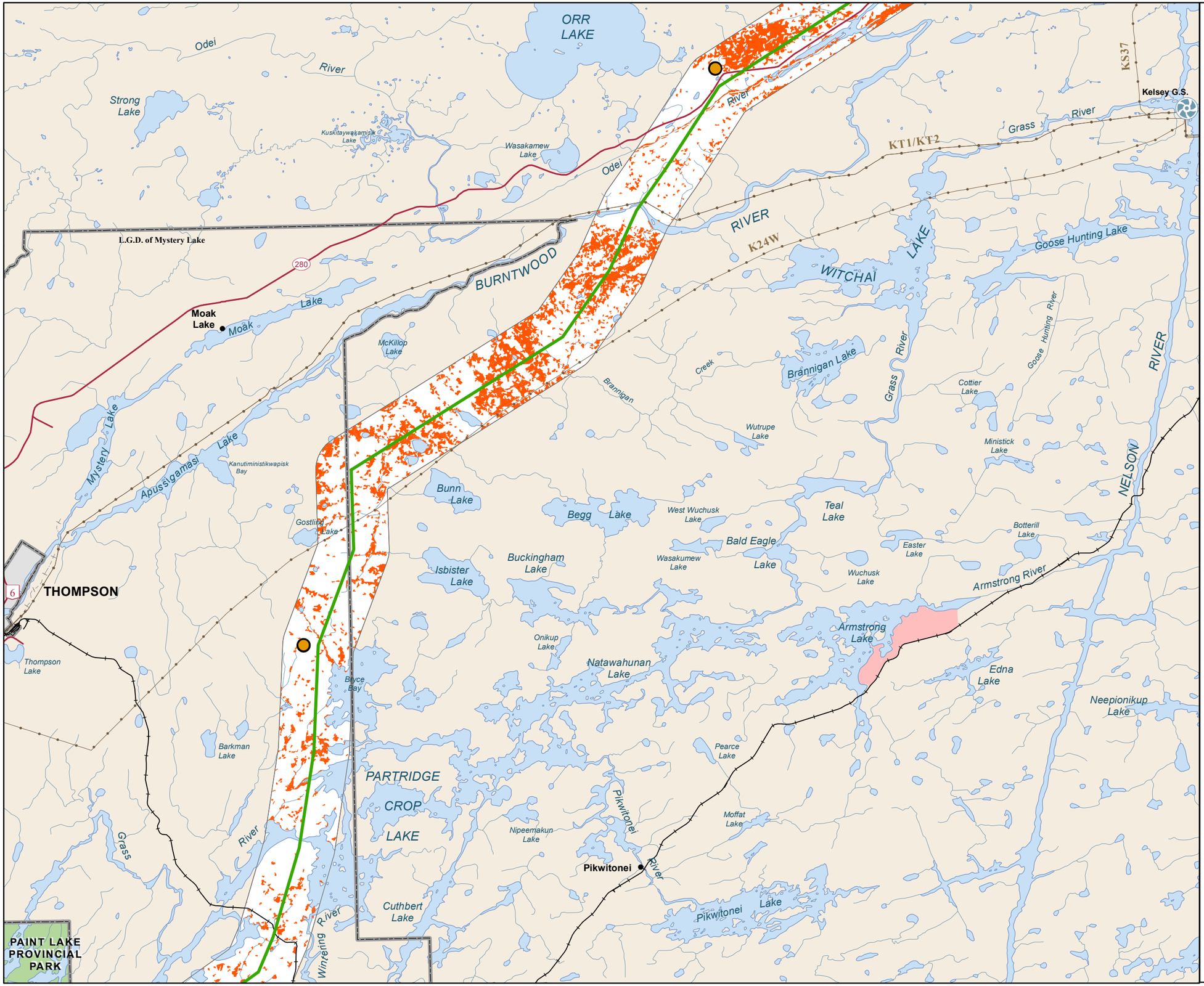
Coordinate System: UTM Zone 14N NAD83
Data Source: MBHydro, ProvMB, NRCAN, MMM, Stantec, WRCS, Joro
Date Created: July 25, 2011

N

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

Distribution of Modeled Sandhill Crane Habitat in the Local Study Area

Map 1300-03



Manitoba Hydro

Bipole III Transmission Project

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

Infrastructure
- Transmission Line

Bird Information
- Sandhill Crane Survey Observations
- Sandhill Crane Modeled Habitat

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

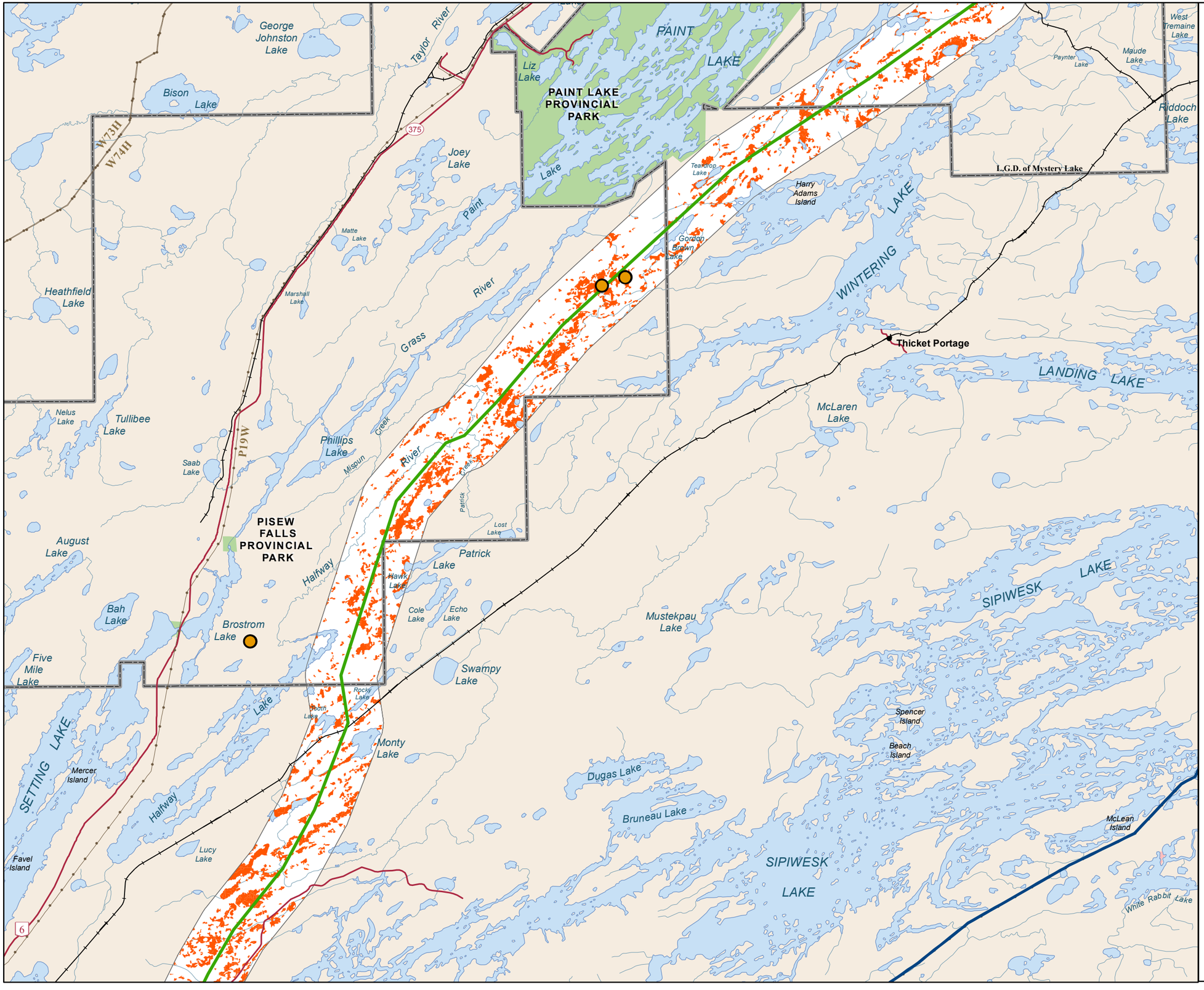
Coordinate System: UTM Zone 14N NAD83
Data Source: MBHydro, ProvMB, NRCAN, MMM, Stantec, WRCS, Joro
Date Created: July 25, 2011

N

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

Distribution of Modeled Sandhill Crane Habitat in the Local Study Area

Map 1300-04



Manitoba Hydro

Bipole III Transmission Project

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

Infrastructure
- Transmission Line

Bird Information
- Sandhill Crane Survey Observations
- Sandhill Crane Modeled Habitat

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

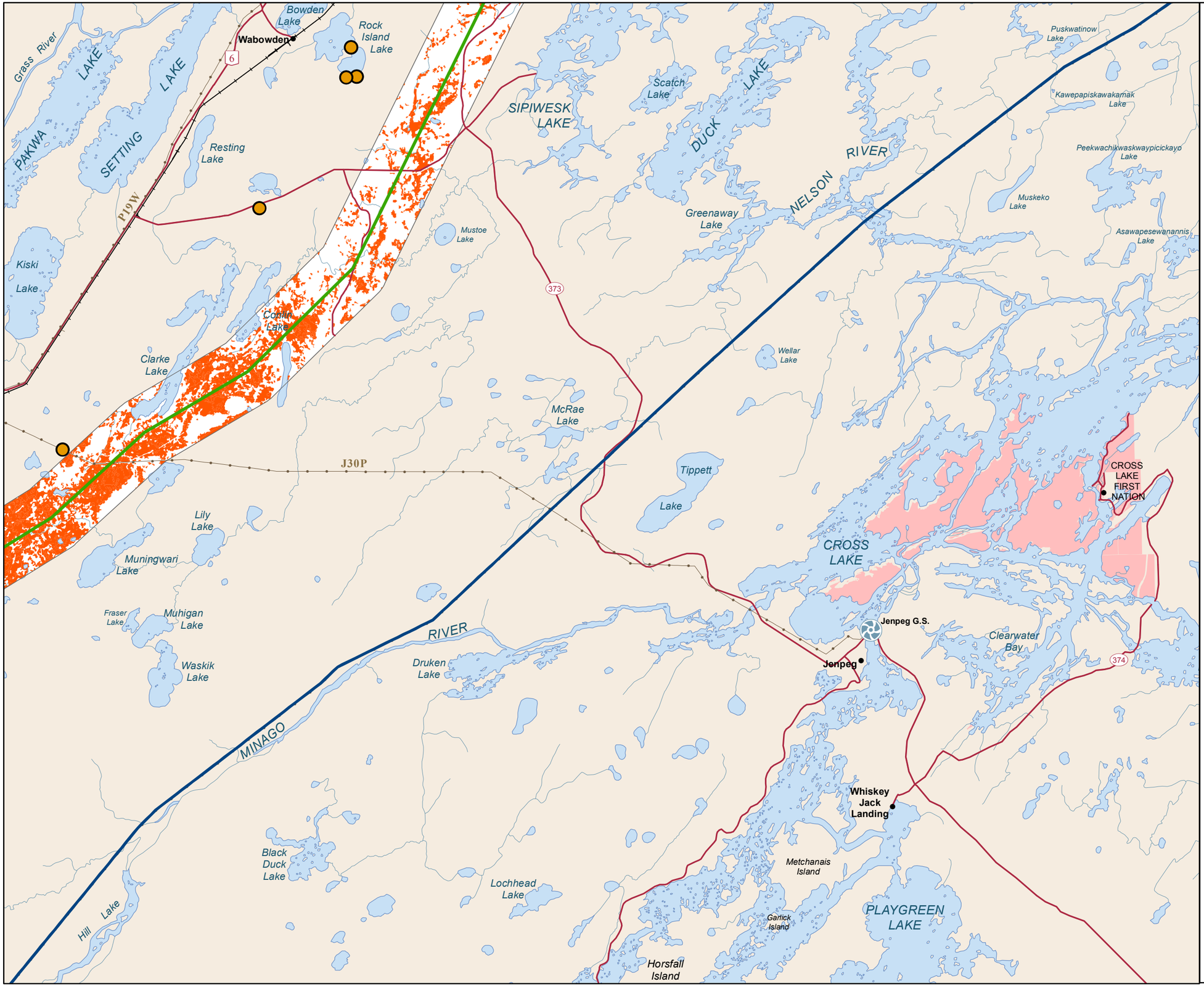
Coordinate System: UTM Zone 14N NAD83
Data Source: MBHydro, ProvMB, NRCAN, MMM, Stantec, WRCS, Joro
Date Created: July 25, 2011

N

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

Distribution of Modeled Sandhill Crane Habitat in the Local Study Area

Map 1300-05



Manitoba Hydro

Bipole III Transmission Project

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

Infrastructure
- Transmission Line

Bird Information
- Sandhill Crane Survey Observations
- Sandhill Crane 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 Sandhill Crane Habitat in the Local Study Area

Map 1300-06

Manitoba Hydro

Bipole III Transmission Project

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

Infrastructure
- Transmission Line

Bird Information
- Sandhill Crane Survey Observations
- Sandhill Crane 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

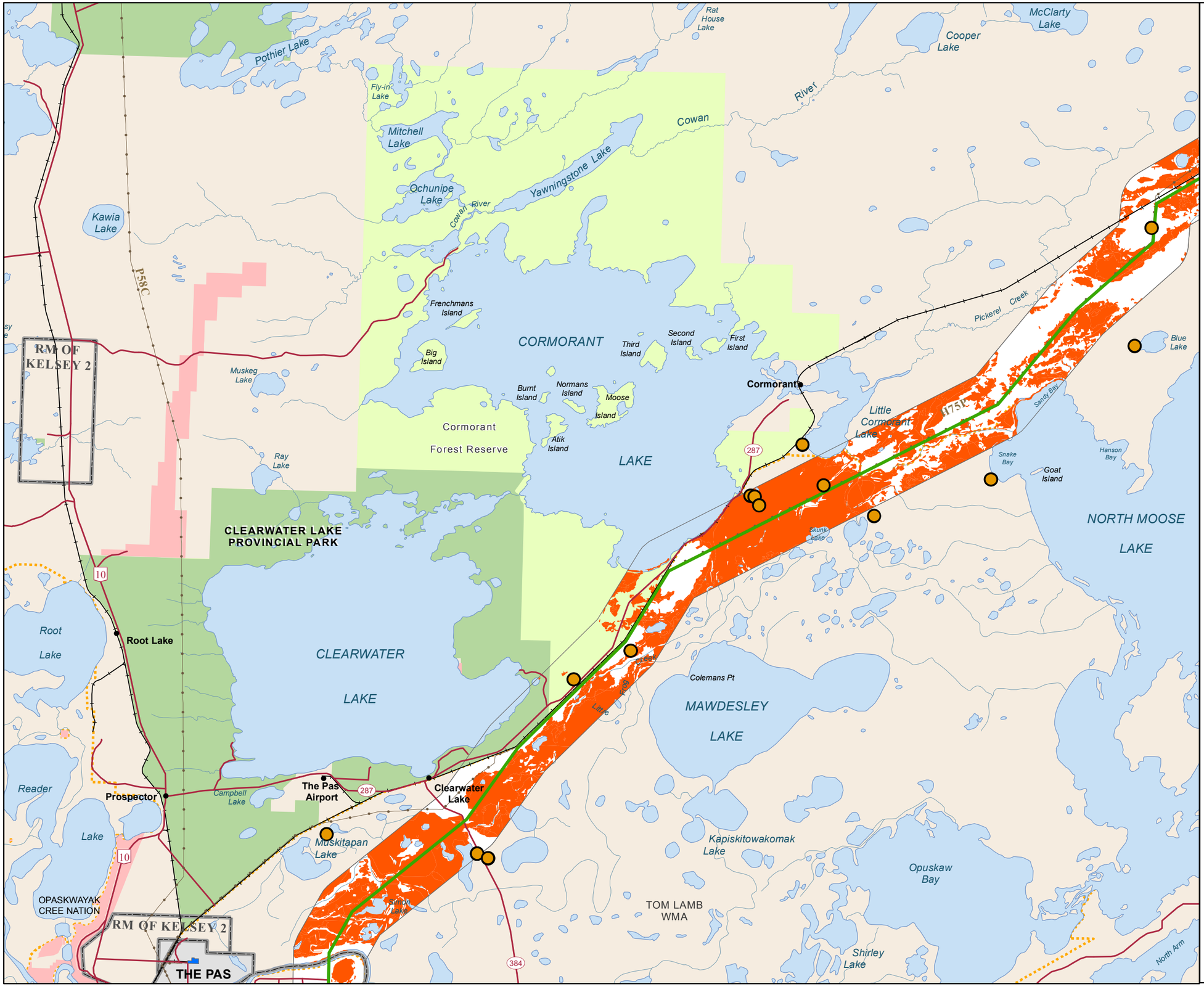
N

0 5 10 Kilometres
0 3 6 Miles

1:250,000

Distribution of Modeled Sandhill Crane Habitat in the Local Study Area

Map 1300-07



Manitoba Hydro

Bipole III Transmission Project

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

Infrastructure
- Transmission Line

Bird Information
- Sandhill Crane Survey Observations
- Sandhill Crane 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

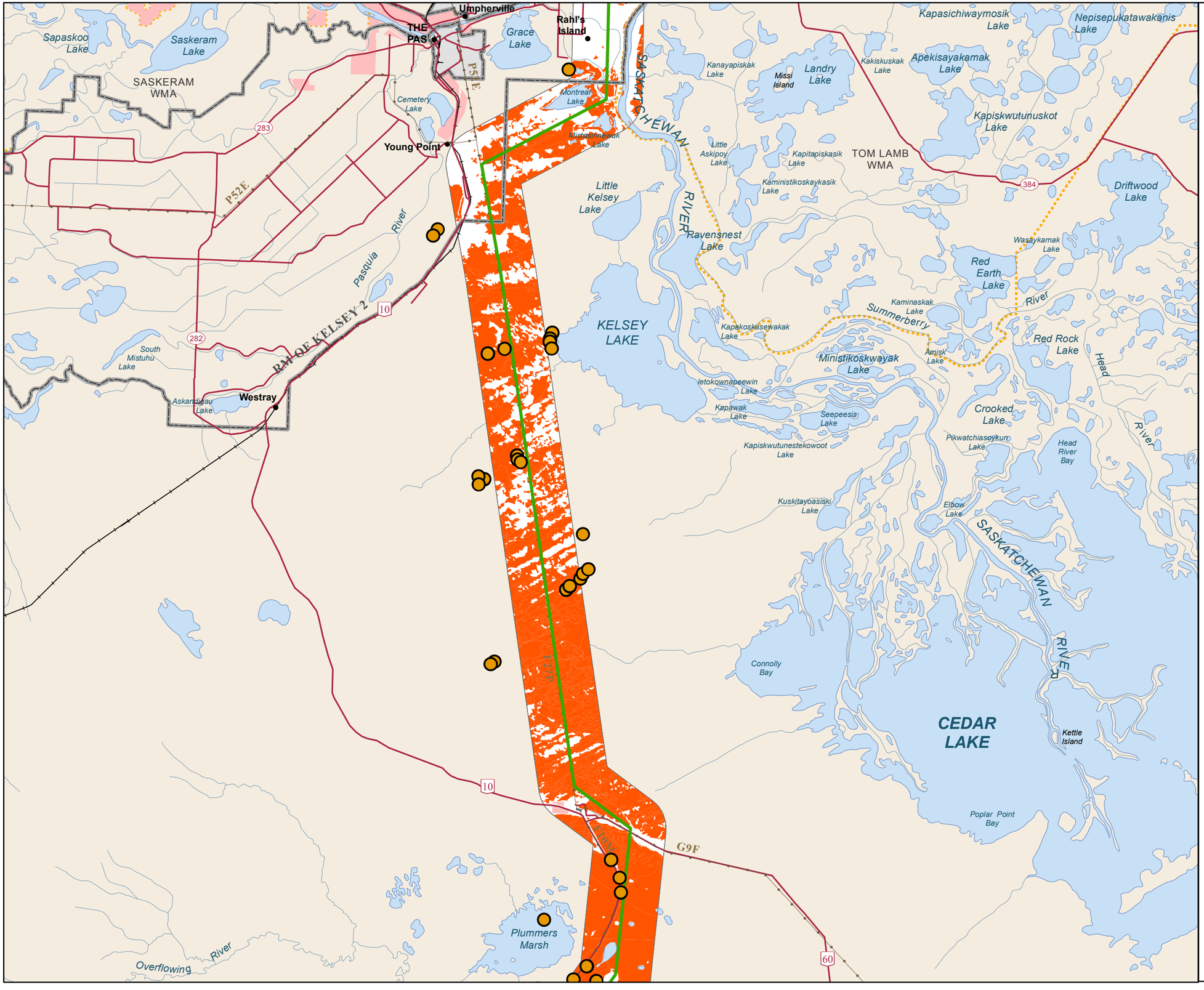
N

0 5 10 Kilometres
0 3 6 Miles

1:250,000

Distribution of Modeled Sandhill Crane Habitat in the Local Study Area

Map 1300-08



Manitoba Hydro

Bipole III Transmission Project

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

Infrastructure
- Transmission Line

Bird Information
- Sandhill Crane Survey Observations
- Sandhill Crane 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

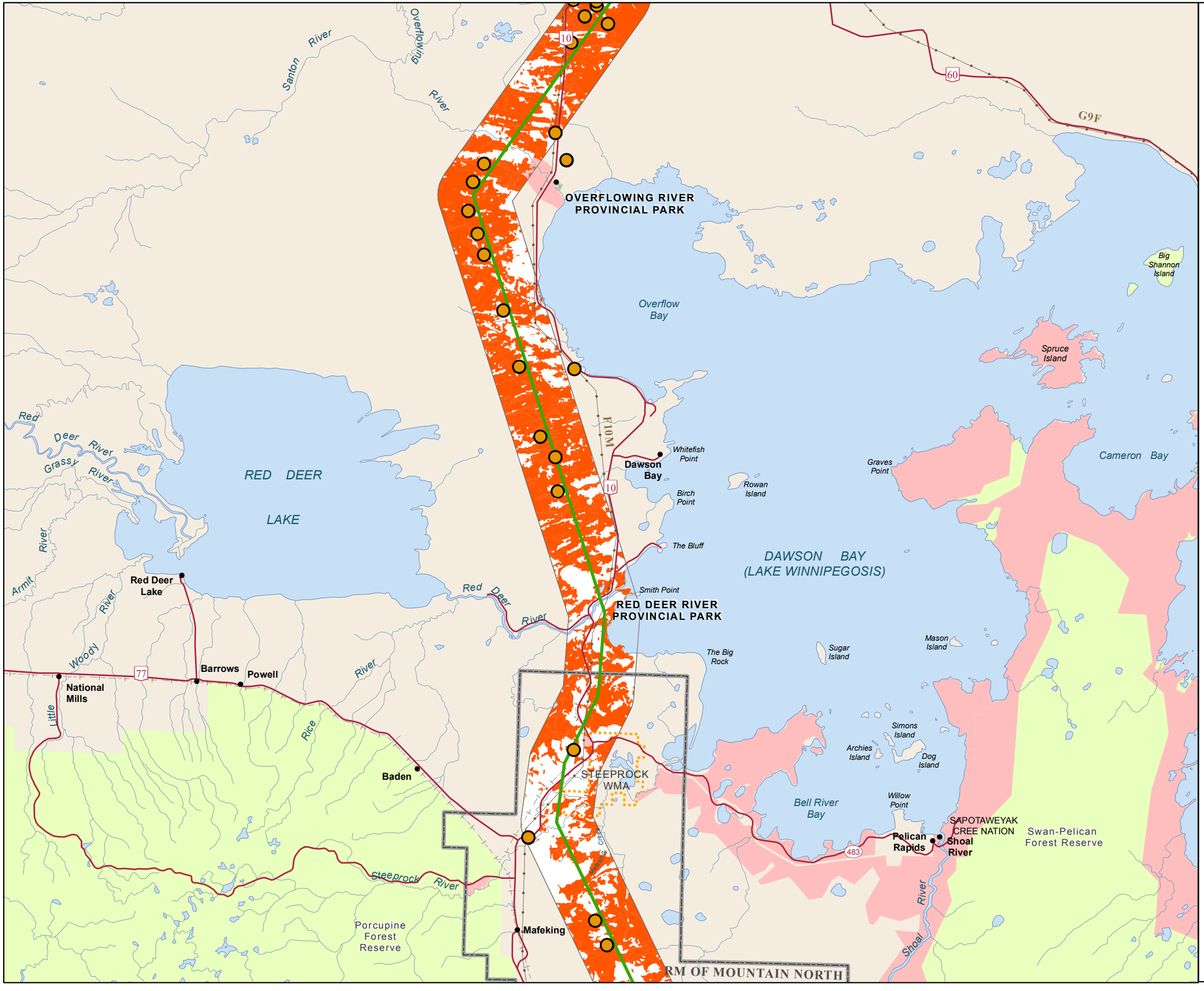
N

0 5 10 Kilometres
0 3 6 Miles

1:250,000

Distribution of Modeled Sandhill Crane Habitat in the Local Study Area

Map 1300-09



Manitoba Hydro

Bipole III Transmission Project

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

Infrastructure
- Transmission Line

Bird Information
- Sandhill Crane Survey Observations
- Sandhill Crane 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

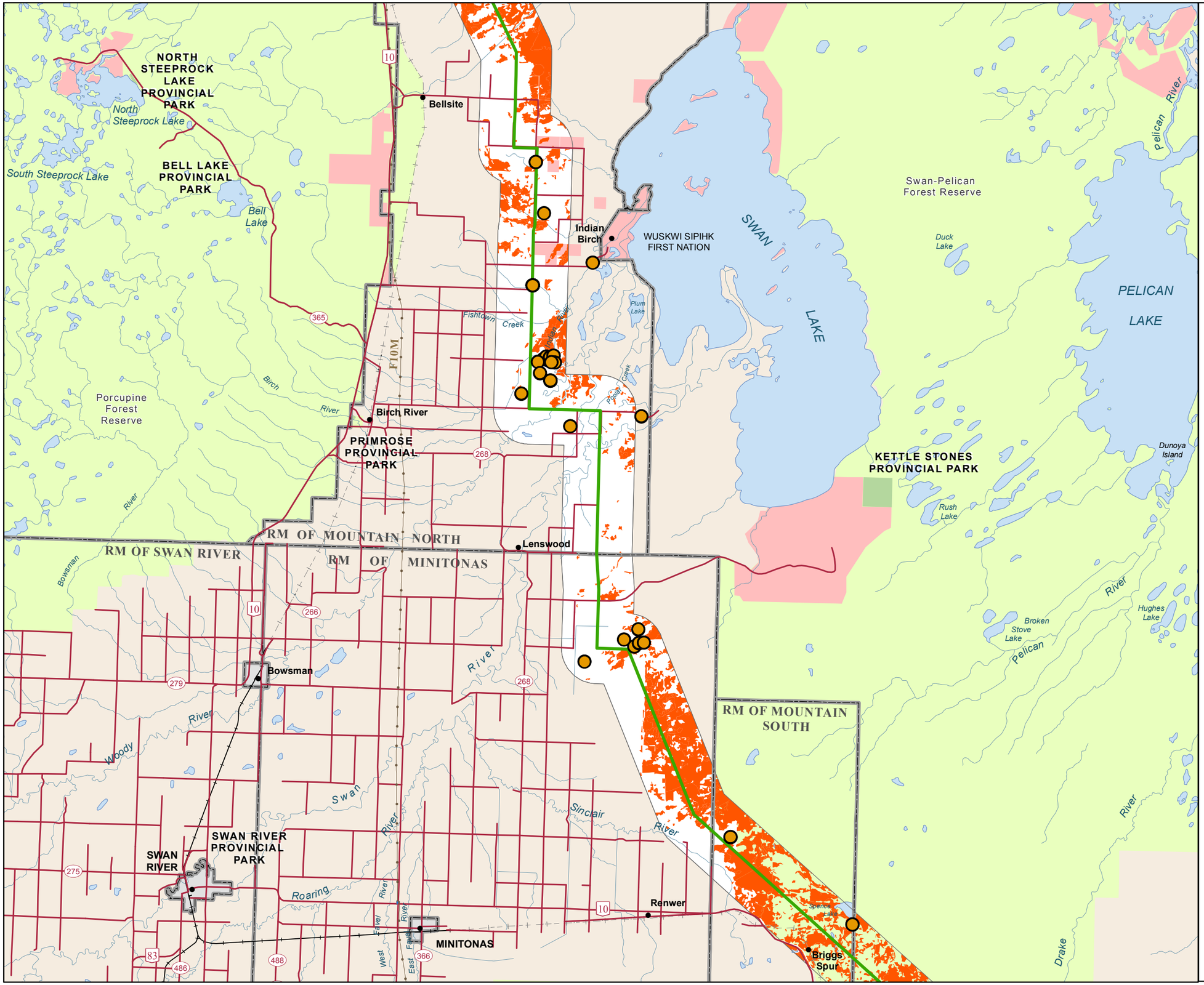
N

0 5 10 Kilometres
0 3 6 Miles

1:250,000

Distribution of Modeled Sandhill Crane Habitat in the Local Study Area

Map 1300-10



Manitoba Hydro

Bipole III Transmission Project

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

Infrastructure
- Transmission Line

Bird Information
- Sandhill Crane Survey Observations
- Sandhill Crane Modeled Habitat

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

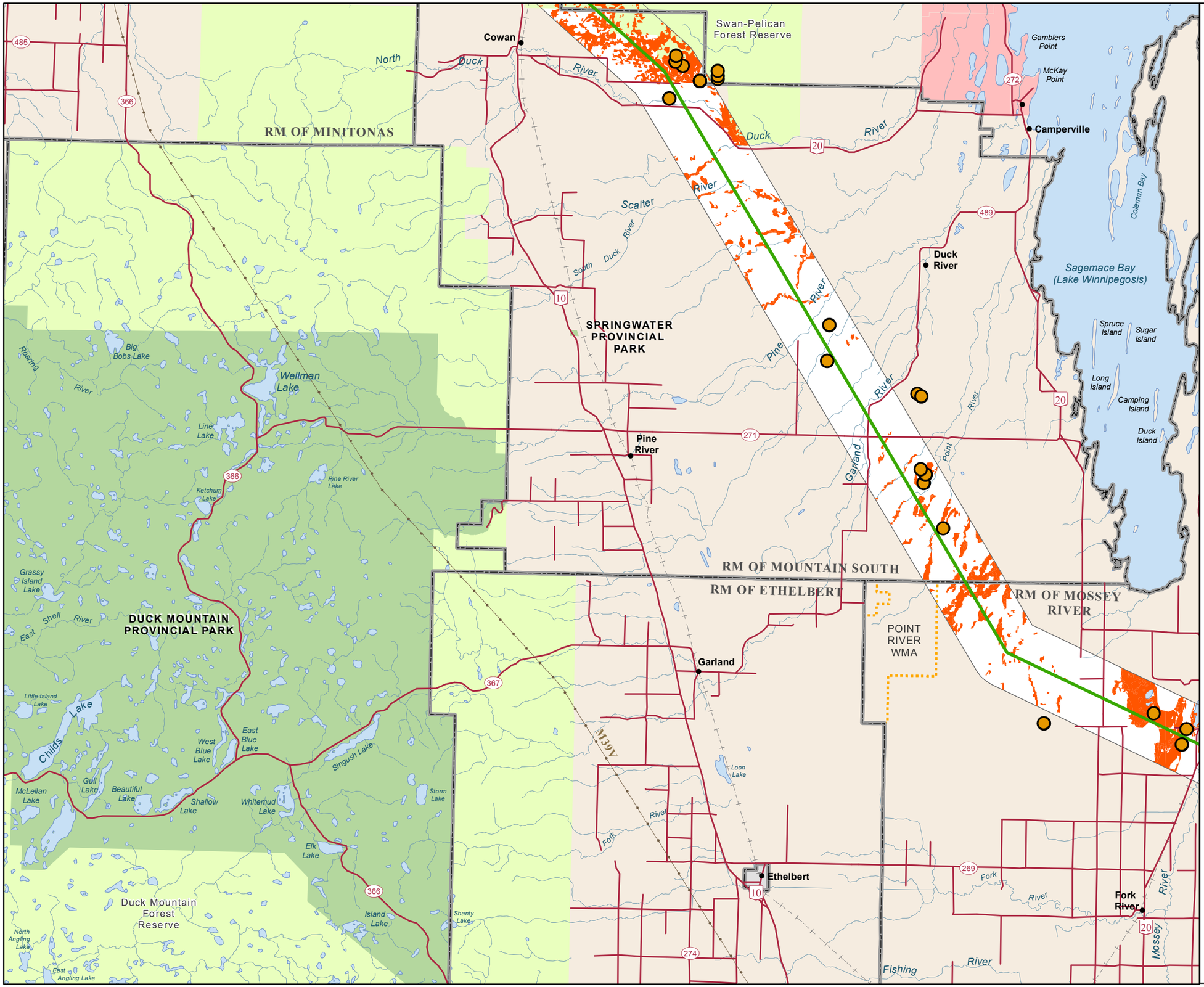
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Data Source: MBHydro, ProvMB, NRCAN, MMM, Stantec, WRCS, Joro
Date Created: July 25, 2011

N

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

Distribution of Modeled Sandhill Crane Habitat in the Local Study Area

Map 1300-11



Manitoba Hydro

Bipole III Transmission Project

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

Infrastructure
- Transmission Line

Bird Information
- Sandhill Crane Survey Observations
- Sandhill Crane Modeled Habitat

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

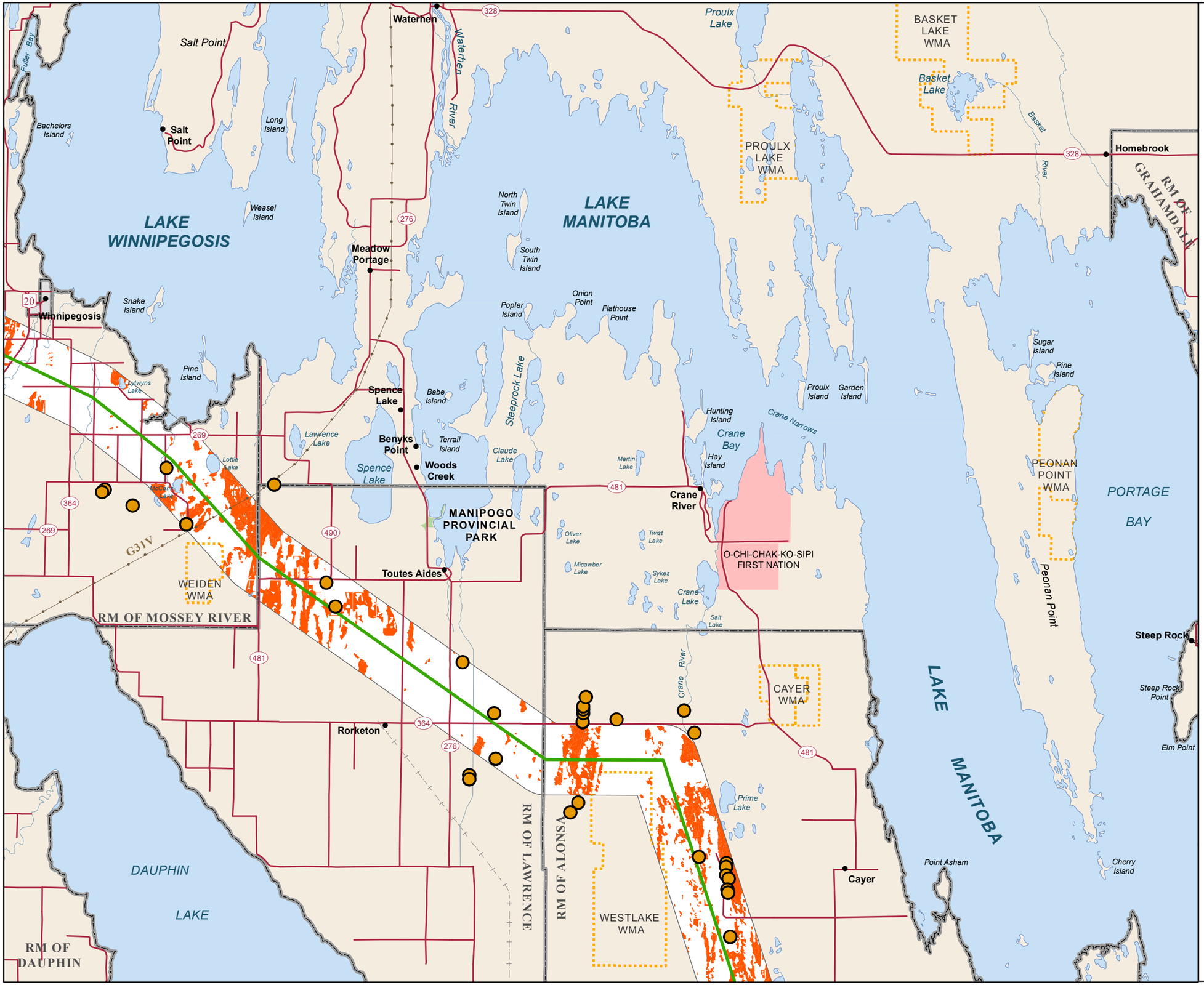
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Data Source: MBHydro, ProvMB, NRCAN, MMM, Stantec, WRCS, Joro
Date Created: July 25, 2011

N

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

Distribution of Modeled Sandhill Crane Habitat in the Local Study Area

Map 1300-12



Manitoba Hydro

Bipole III Transmission Project

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

Infrastructure
- Transmission Line

Bird Information
- Sandhill Crane Survey Observations
- Sandhill Crane 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 Sandhill Crane Habitat in the Local Study Area

Map 1300-13

Manitoba Hydro

Bipole III Transmission Project

Project Infrastructure

- Final Preferred Route
- Converter Station
- Local Study Area

Infrastructure

- Transmission Line

Bird Information

- Sandhill Crane Survey Observations
- Sandhill Crane 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 Sandhill Crane Habitat in the Local Study Area

Map 1300-14

Manitoba Hydro

Bipole III Transmission Project

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

Infrastructure
- Transmission Line

Bird Information
- Sandhill Crane Survey Observations
- Sandhill Crane Modeled Habitat

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

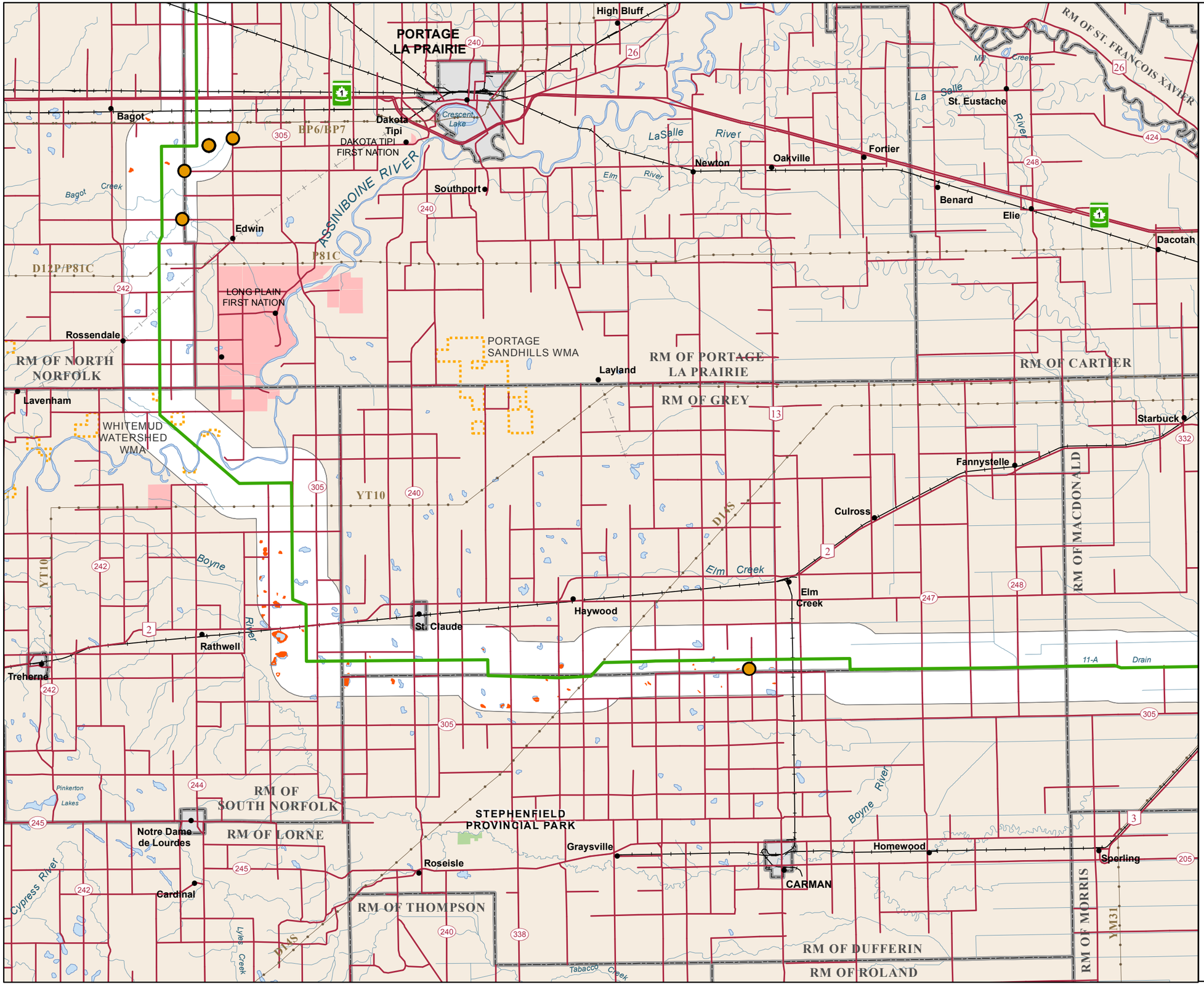
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Data Source: MBHydro, ProvMB, NRCAN, MMM, Stantec, WRCS, Joro
Date Created: July 25, 2011

N

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

Distribution of Modeled Sandhill Crane Habitat in the Local Study Area

Map 1300-15



Manitoba Hydro

Bipole III Transmission Project

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

Infrastructure
- Transmission Line

Bird Information
- Sandhill Crane Survey Observations
- Sandhill Crane Modeled Habitat

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

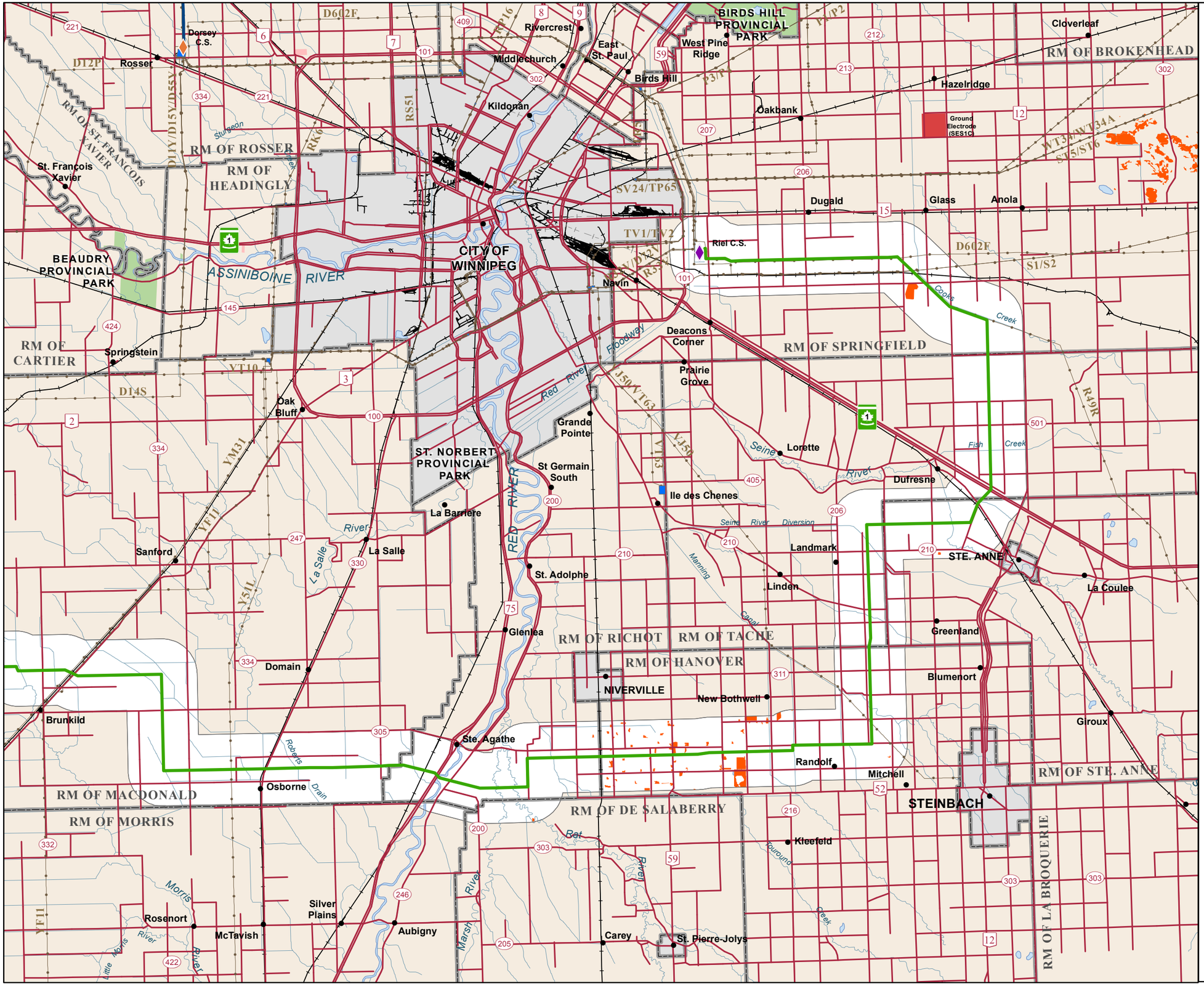
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Data Source: MBHydro, ProvMB, NRCAN, MMM, Stantec, WRCS, Joro
Date Created: July 25, 2011

N

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

Distribution of Modeled Sandhill Crane Habitat in the Local Study Area

Map 1300-16



Manitoba Hydro

Bipole III Transmission Project

Project Infrastructure

- Final Preferred Route
- Converter Station
- Local Study Area

Infrastructure

- Transmission Line

Bird Information

- Sandhill Crane Survey Observations
- Sandhill Crane 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 Sandhill Crane Habitat in the Local Study Area

Map 1300-17