

04/09/13



Legend

Wind Energy Centre Study Area	Project Location
Transmission Line Study Area	GE Turbine
Municipal Division	Permanent Meteorological Tower
Roads	Collection Line
Railway	Access Road
Natural Feature	Crane Path
Watercourse (ABCA, SCRCA)	Transmission Line
Watercourse (MNR)	Substation & Laydown Area
120m Area of Investigation	Disturbance Area

Properties

Denied
Granted
Turtle Wintering Habitat
Candidate Significant Wildlife Habitat
Location of Vantage Point

Transect/point count/vantage point locations and/or property access status may be subject to change and will be confirmed at the time of field surveys (e.g. depending on site conditions and/or landowner consultation)

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Metres

0 2.75 5.5 11 16.5 22

UTM Zone 17N, NAD 83 1:800

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Jericho Wind Energy Centre
 Natural Heritage Assessment Report
**Significant Wildlife Habitat
 Field Map - TWH-01**

January 2013
 Project 60155032

AECOM

Turtle Wintering Area Survey Form

Study Area: <u>Jericho</u>	Observers: <u>Tom Shorrey + Jess Pette</u>
Feature ID: <u>TWH-01</u>	

Fill in survey form for each vantage point. Vantage Point Number: 1

Vantage Point UTM		Date: <u>04/09/13</u>	
Easting: <u>421437</u>	Northing: <u>4763760</u>	Start Time: <u>2:05pm</u>	End Time: <u>2:25pm</u>

Weather Conditions			
Temperature (C°): <u>9°c</u>	Wind (Dir.): <u>SW</u>	Wind (B.S.): <u>2</u>	
Cloud Cover (%): <u>100%</u>	Precipitation: <u>drizzle</u>		

Description of Local Habitat Conditions and Adjacent Land Use:

- A combination of Agricultural/and deciduous swamp

Turtle species observed during monitoring period (Yes/No): NO .If yes, fill in the table below.

Description of Turtles Observed

Species	UTMs	Length	Sex	#	Behaviour/ Description of visible traits
<u>None</u>					

Additional Notes

* Unable to see Subject Pond from Vantage Point *

Photo Log

Photo ID	Description (locations, direction, observation, etc.)
<u>20</u>	<u>Facing East into woods</u>



Transect/point count/vantage point locations and/or property access status may be subject to change and will be confirmed at the time of field surveys (e.g. depending on site conditions and/or landowner consultation)

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Metres

0 1.25 2.5 5 7.5 10

UTM Zone 17N, NAD 83 1:400

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Jericho Wind Energy Centre
 Natural Heritage Assessment Report
**Significant Wildlife Habitat
 Field Map - TWH-02**

January 2013
 Project 60155032

AECOM

Turtle Wintering Area Survey Form

Study Area: <u>Jericho</u>	Observers: <u>Tom Shorney + Jess Piette</u>
Feature ID: <u>TWO-02</u>	

Fill in survey form for each vantage point. Vantage Point Number: 1

Vantage Point UTM <u>157</u>	Date: <u>04/15/13</u>
Easting: <u>428319</u> Northing: <u>4774163</u>	Start Time: <u>4:06 P.M</u> End Time: <u>4:26 P.M.</u>

Weather Conditions			
Temperature (C°): <u>21°</u>	Wind (Dir.): <u>S</u>	Wind (B.S.): <u>4</u>	
Cloud Cover (%): <u>90%</u>	Percipitation: <u>None</u>		

Description of Local Habitat Conditions and Adjacent Land Use:

- Surrounded by a combination of Agriculture land and Farm Roads

Turtle species observed during monitoring period (Yes/No): No .If yes, fill in the table below.

Description of Turtles Observed

Species	UTMs	Length	Sex	#	Behaviour/ Description of visible traits
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Additional Notes

= Very little structure in pond for tracking habitat

Photo Log

Photo ID	Description (locations, direction, observation, etc.)
<u>55</u>	<u>NW Portion of Pond</u>
<u>56</u>	<u>SE Portion of Pond</u>

TWH-07

Legend

Wind Energy Centre Study Area	Project Location
Transmission Line Study Area	GE Turbine
Municipal Division	Permanent Meteorological Tower
Roads	Collection Line
Railway	Access Road
Natural Feature	Crane Path
Watercourse (ABCA, SCRCA)	Transmission Line
Watercourse (MNR)	Substation & Laydown Area
120m Area of Investigation	Disturbance Area

Properties

Denied
Granted

Turtle Wintering Habitat

Candidate Significant Wildlife Habitat
Location of Vantage Point

TSB →

Roe eyes

← access from Northville Road

49

TWH-02

Transect/joint count/vantage point locations and/or property access status may be subject to change and will be confirmed at the time of field surveys (i.e. depending on site conditions and/or landowner consultation)

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UTM Zone 17N, NAD 83 1:400
0 1.25 2.5 5 7.5 10
Metres

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Jericho Wind Energy Centre
Natural Heritage Assessment Report
Significant Wildlife Habitat
Field Map - TWH-02
January 2013
Project 60155032

AECOM

Turtle Wintering Area Survey Form

Study Area: <u>Terito</u>	Observers: <u>Tom Shorney + Jess Piette</u>
Feature ID: <u>TWH-02</u>	

Fill in survey form for each vantage point. Vantage Point Number: VPI

Vantage Point UTM <u>see Round 1 UTM's</u>	Date: <u>05/01/2013</u>
Easting: _____ Northing: _____	Start Time: <u>2:25 p.m.</u> End Time: <u>2:45 p.m.</u>

Weather Conditions			
Temperature (C°): <u>26° C</u>	Wind (Dir.): <u>S</u>	Wind (B.S.): <u>3</u>	
Cloud Cover (%): <u>0</u>	Precipitation: <u>none</u>		

Description of Local Habitat Conditions and Adjacent Land Use:

- Surrounding habitat Agricultural
- With Trees along riparian edge

Turtle species observed during monitoring period (Yes/No): NO .If yes, fill in the table below.

Description of Turtles Observed

Species	UTMs	Length	Sex	#	Behaviour/ Description of visible traits
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Additional Notes

- Active breeding Am Toads observed
- Pickerel frogs calling

Photo Log

Photo ID	Description (locations, direction, observation, etc.)
<u>49</u>	<u>Pond</u>





Legend

Wind Energy Centre Study Area	Project Location
Transmission Line Study Area	GE Turbine
Municipal Division	Permanent Meteorological Tower
Roads	Collection Line
Railway	Access Road
Natural Feature	Crane Path
Watercourse (ABCA, SCRCA)	Transmission Line
Watercourse (MNR)	Substation & Laydown Area
120m Area of Investigation	Disturbance Area

Properties

Denied
Granted
Turtle Wintering Habitat
Candidate Significant Wildlife Habitat
Location of Vantage Point

← access from Northville Road

TSB →

Traverse/level control/vantage point locations and/or property access status may be subject to change and will be confirmed on the time of field surveys (i.e. depending on site conditions and/or landowner consultation)

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Metres

0 1.25 2.5 5 7.5 10

UTM Zone 17N, NAD 83, 1:400

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Jericho Wind Energy Centre
 Natural Heritage Assessment Report
**Significant Wildlife Habitat
 Field Map -TWH-02**

January 2013
 Project 60155032

AECOM

Turtle Wintering Area Survey Form

Study Area: Jericho **Observers:** BA, CR

Feature ID: TWH-02

Fill in survey form for each vantage point. Vantage Point Number:

Vantage Point UTM See Round 1 Notes **Date:** May 16, 2013
Easting: _____ **Northing:** _____ **Start Time:** 11:35 am **End Time:** 11:55 am

Weather Conditions
Temperature (C°): ~20°C **Wind (Dir.):** SW **Wind (B.S.):** 2
Cloud Cover (%): 0% **Percipitation:** None

Description of Local Habitat Conditions and Adjacent Land Use:

Agricultural land

Turtle species observed during monitoring period (Yes/No): No .If yes, fill in the table below.

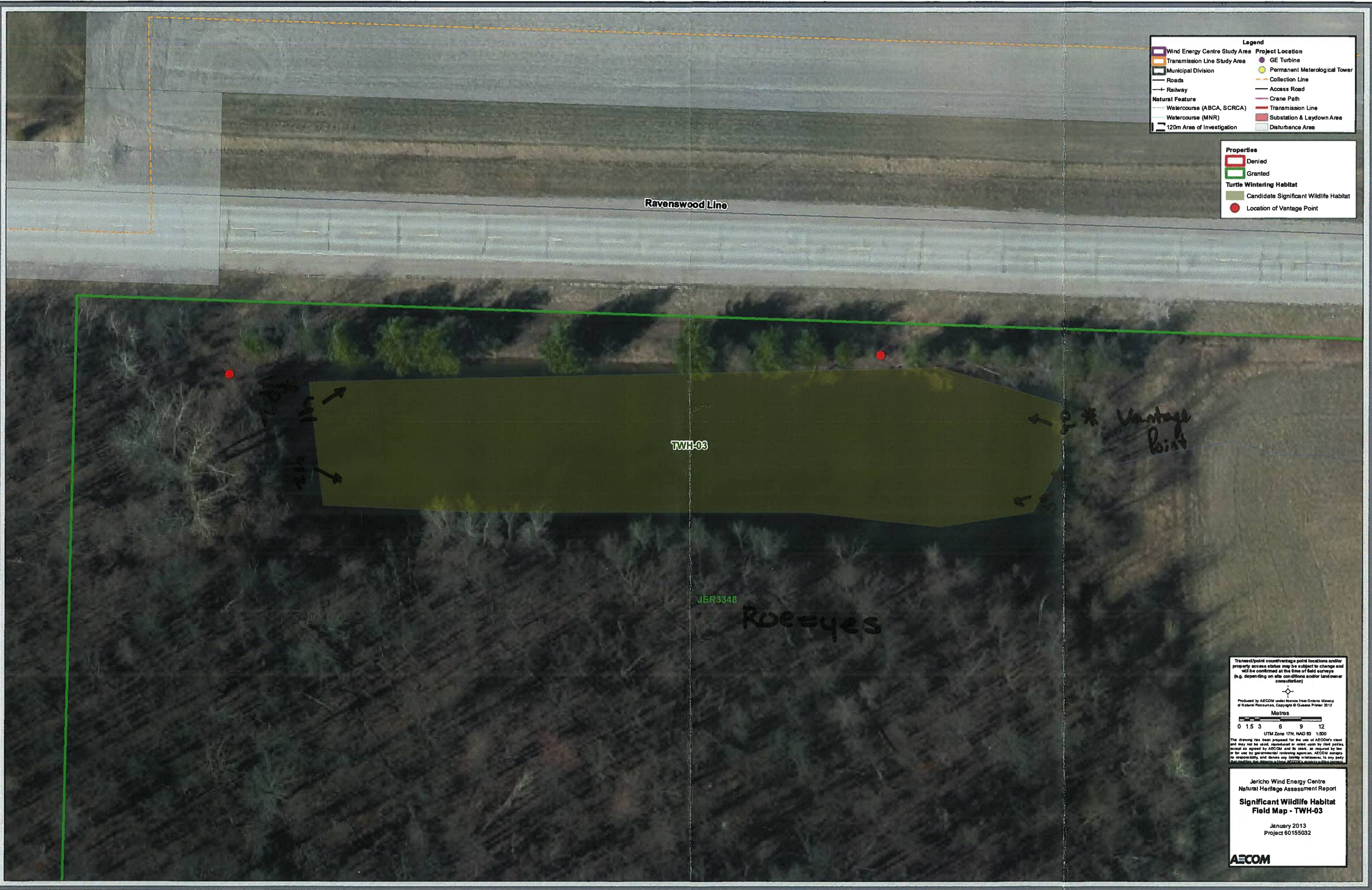
Description of Turtles Observed

Species	UTMs	Length	Sex	#	Behaviour/ Description of visible traits

Additional Notes
- COGR - 4 Frogs
- RWBL
- SASP
- VELWA
- MOQA

Photo Log

Photo ID	Description (locations, direction, observation, etc.)



Legend

Wind Energy Centre Study Area	Project Location
Transmission Line Study Area	GE Turbine
Municipal Division	Permanent Meteorological Tower
Roads	Collection Line
Railway	Access Road
Watercourse (ABCA, SCRCA)	Crane Path
Watercourse (MNR)	Transmission Line
120m Area of Investigation	Substation & Laydown Area
	Disturbance Area

Properties

Denied
Granted

Turtle Wintering Habitat

Candidate Significant Wildlife Habitat
Location of Vantage Point

Ravenswood Line

TWH-03

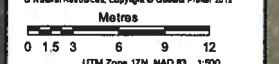
JER3348

Rooftops

Vantage Point

Transect/joint count/vantage point locations and/or property access status may be subject to change and will be confirmed at the time of field surveys (e.g. depending on site conditions and/or landowner consultation)

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UTM Zone 17N, NAD 83 1:500

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Jericho Wind Energy Centre
 Natural Heritage Assessment Report
**Significant Wildlife Habitat
 Field Map - TWH-03**
 January 2013
 Project 60155032



Turtle Wintering Area Survey Form

Study Area: <u>Sericho</u>	Observers: <u>Tom Shoney + Jess Piette</u>
Feature ID: <u>TWO-03</u>	

Fill in survey form for each vantage point. Vantage Point Number: VPI

Vantage Point UTM Easting: <u>425315</u> Northing: <u>4780207</u>	Date: <u>05/01/2013</u> Start Time: <u>12:30 P.m</u> End Time: <u>12:50 P.m</u>
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Weather Conditions		
Temperature (C°): <u>22%</u>	Wind (Dir.): <u>SE</u>	Wind (B.S.): <u>3</u>
Cloud Cover (%): <u>0</u>	Precipitation: <u>None</u>	

Description of Local Habitat Conditions and Adjacent Land Use:

- large pond
- Beaver activity
- Abundance of nesting habitat

Turtle species observed during monitoring period (Yes/No): YES .If yes, fill in the table below.

Description of Turtles Observed

Species	UTMs	Length	Sex	#	Behaviour/ Description of visible traits
<u>Painted Turtle</u>		<u>5-10cm</u>		<u>3</u>	<u>Basking on floating log</u>

Additional Notes

(This section contains a large handwritten scribble that is mostly illegible.)

Photo Log

Photo ID	Description (locations, direction, observation, etc.)
<u>39/40</u>	<u>Looking East</u>

Turtle Wintering Area Survey Form

Study Area: <u>Des. cho</u>	Observers: <u>Tom Shorney + Jess Piette</u>
Feature ID: <u>TWH-03</u>	

Fill in survey form for each vantage point. Vantage Point Number: VP2

Vantage Point UTM		Date: <u>05/01/2013</u>	
Easting: <u>425191</u>	Northing: <u>4780196</u>	Start Time: <u>12:55 P.m.</u>	End Time: <u>1:15 P.m.</u>

Weather Conditions			
Temperature (C°): <u>22°C</u>	Wind (Dir.): <u>S</u>	Wind (B.S.): <u>3</u>	
Cloud Cover (%): <u>0</u>	Precipitation: <u>None</u>		

Description of Local Habitat Conditions and Adjacent Land Use:

- Pond Adjacent to Ravenswood Road
- Woodlot and agricultural land surrounding

Turtle species observed during monitoring period (Yes/No): No. If yes, fill in the table below.

Description of Turtles Observed

Species	UTMS	Length	Sex	#	Behaviour/ Description of visible traits
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Additional Notes

- Am. Toads are actively breeding
- fish observed in pond

Photo Log

Photo ID	Description (locations, direction, observation, etc.)
<u>41/42</u>	<u>Pond</u>

Legend

- Wind Energy Centre Study Area
- Transmission Line Study Area
- Municipal Division
- Roads
- Railway
- Natural Feature
 - Watercourse (ABCA, SCRCA)
 - Watercourse (MNR)
 - 120m Area of Investigation
- Project Location
 - GE Turbine
 - Permanent Meteorological Tower
 - Collection Line
 - Access Road
 - Crane Path
 - Transmission Line
 - Substation & Laydown Area
 - Disturbance Area

Properties

- Denied
- Granted

Turtle Wintering Habitat

- Candidate Significant Wildlife Habitat
- Location of Vantage Point

Ravenswood Line

Roadside Survey

TWH-03

JER3348

ROB = NO

Transect/point count/vantage point locations and/or property access status may be subject to change and will be confirmed at the time of field surveys (e.g. depending on site conditions and/or landowner consultation)

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Metres

0 1.5 3 6 9 12

UTM Zone 17N, NAD 83 1:500

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Jericho Wind Energy Centre
 Natural Heritage Assessment Report
 Significant Wildlife Habitat
 Field Map - TWH-03

January 2013
 Project 60155032

AECOM

* Survey completed from road *

Turtle Wintering Area Survey Form

Study Area: <u>Jericho</u>		Observers: <u>Tom Sharma + Justin Trunkel</u>	
Feature ID: <u>TWH-03</u>			
Fill in survey form for each vantage point. Vantage Point Number: <u>VPI (from road)</u>			
Vantage Point UTM <u>See Pond #1 Notes</u>		Date: <u>May 17, 2013</u>	
Easting:	Northing:	Start Time: <u>11:15am</u>	End Time: <u>11:35am</u>
Weather Conditions			
Temperature (C°): <u>13°C</u>	Wind (Dir.): <u>SW</u>	Wind (B.S.): <u>2</u>	
Cloud Cover (%): <u>55%</u>	Percipitation: <u>None</u>		

Description of Local Habitat Conditions and Adjacent Land Use:

- Agriculture / Deciduous forest

Turtle species observed during monitoring period (Yes/No): Yes .If yes, fill in the table below.

Description of Turtles Observed

Species	UTMs	Length	Sex	#	Behaviour/ Description of visible traits
<u>Painted Turtle</u>		<u>5cm</u>		<u>1</u>	<u>Basking</u>

Additional Notes

- Basking Activity within pond

Photo Log

Photo ID	Description (locations, direction, observation, etc.)
<u>160-161</u>	<u>Pond</u>

Legend

	Wind Energy Centre Study Area		Project Location
	Transmission Line Study Area		GE Turbine
	Municipal Division		Permanent Meteorological Tower
	Roads		Collection Line
	Railway		Access Road
	Natural Feature		Crane Path
	Watercourse (ABCA, SCRCA)		Transmission Line
	Watercourse (MNR)		Substation & Laydown Area
	120m Area of Investigation		Disturbance Area

Properties

	Denied
	Granted
	Turtle Wintering Habitat
	Candidate Significant Wildlife Habitat
	Location of Vantage Point

Ravenswood Line

↙ Roadside Survey

TWH-03

JER3348

Prop = No

Traverse/joint coordinate point locations and/or property access status may be subject to change and will be confirmed at the time of field surveys (e.g. depending on site conditions and/or landowner consultation)

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Metres

0 1.5 3 6 9 12

UTM Zone 17N, NAD 83 1:500

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Jericho Wind Energy Centre
 Natural Heritage Assessment Report
 Significant Wildlife Habitat
 Field Map - TWH-03
 January 2013
 Project 60155032



Turtle Wintering Area Survey Form

Study Area: <u>Near LLA</u>	Observers: <u>Jess Plette + Justin Munro</u>
Feature ID: <u>TWO-03</u>	

Fill in survey form for each vantage point. Vantage Point Number:

Vantage Point UTM <u>see round 1</u>	Date: <u>2015-05-27</u>
Easting: _____ Northing: _____	Start Time: <u>2:11 pm</u> End Time: <u>2:35 pm</u>

Weather Conditions		
Temperature (C°): <u>19°C</u>	Wind (Dir.): <u>SE</u>	Wind (B.S.): <u>20 km/h</u>
Cloud Cover (%): <u>20%</u>	Precipitation: <u>None</u>	

Description of Local Habitat Conditions and Adjacent Land Use: see round 1

No turtles observed

Turtle species observed during monitoring period (Yes/No): No .If yes, fill in the table below.

Description of Turtles Observed

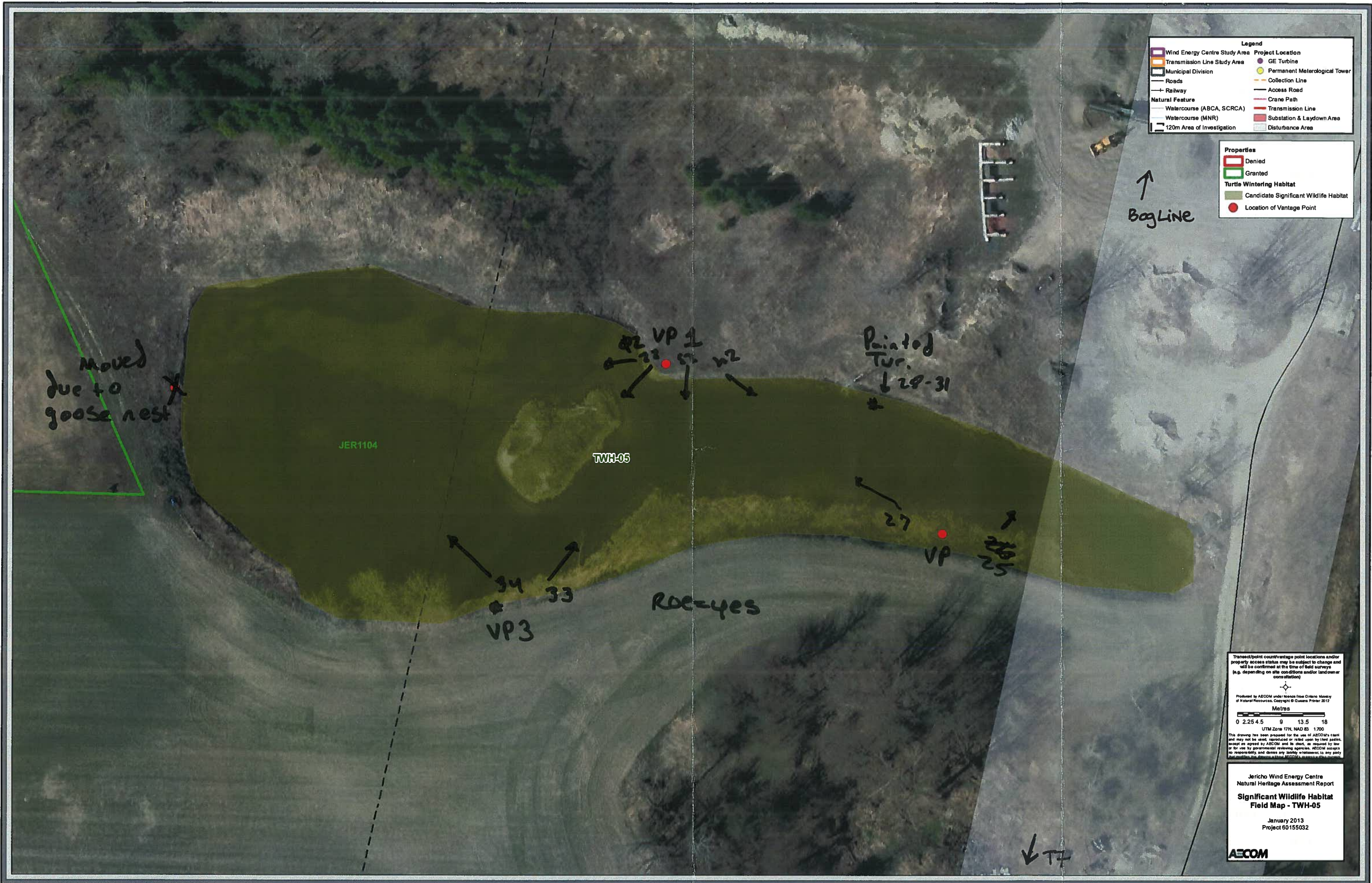
Species	UTMs	Length	Sex	#	Behaviour/ Description of visible traits

Additional Notes

Photo Log

Photo ID	Description (locations, direction, observation, etc.)
<u>6</u>	<u>S R pond</u>





Legend

Wind Energy Centre Study Area	Project Location
Transmission Line Study Area	GE Turbine
Municipal Division	Permanent Meteorological Tower
Roads	Collection Line
Railway	Access Road
Natural Feature	Crane Path
Watercourse (ABCA, SCRCA)	Transmission Line
Watercourse (MNR)	Substation & Laydown Area
120m Area of Investigation	Disturbance Area

Properties

Denied
Granted

Turtle Wintering Habitat

Candidate Significant Wildlife Habitat
Location of Vantage Point

Transect/point count/vantage point locations and/or property access status may be subject to change and will be confirmed at the time of field surveys (e.g. depending on site conditions and/or landowner consultation)

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Metres

0 2.25 4.5 9 13.5 18

UTM Zone 17N, NAD 83, 1:700

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Jericho Wind Energy Centre
 Natural Heritage Assessment Report
**Significant Wildlife Habitat
 Field Map - TWH-05**
 January 2013
 Project 60155032

AECOM

Turtle Wintering Area Survey Form

Study Area: <u>Jericho</u>	Observers: <u>Tom Shorey + Jess Piette</u>
Feature ID: <u>TWH-05</u>	

Fill in survey form for each vantage point. Vantage Point Number: 1

Vantage Point UTM <u>19T 429923, 478393</u>	Date: <u>04/15/2013</u>
Easting: <u>429923</u> Northing: <u>4783393</u>	Start Time: <u>10:10 am</u> End Time: <u>10:30 am</u>

Weather Conditions			
Temperature (C°): <u>9°C</u>	Wind (Dir.): <u>SE</u>	Wind (B.S.): <u>1</u>	
Cloud Cover (%): <u>30%</u>	Precipitation: <u>Sunny</u>		

Description of Local Habitat Conditions and Adjacent Land Use:

Surrounded by a combination of Agricultural land and Top Soil depot

Turtle species observed during monitoring period (Yes/No): NO .If yes, fill in the table below.

Description of Turtles Observed

Species	UTMs	Length	Sex	#	Behaviour/ Description of visible traits

Additional Notes

Species: Common mergansers, Blue heron, mallards, Turkey Vulture,
Red-winged Blackbird, Robin, muswell sp

Photo Log

Photo ID	Description (locations, direction, observation, etc.)
<u>21-24</u>	<u>In Pond and surrounding land use</u>



Turtle Wintering Area Survey Form

Study Area: <u>Jericho</u>	Observers: <u>Tom Shorrey + Jess Piella</u>
Feature ID: <u>TWH-05</u>	

Fill in survey form for each vantage point. Vantage Point Number: 2

Vantage Point UTM <u>17T</u>	Date: <u>04/15/2013</u>
Easting: <u>430013</u> Northing: <u>4783339</u>	Start Time: <u>10:35am</u> End Time: <u>10:55am</u>

Weather Conditions		
Temperature (C°): <u>9°C</u>	Wind (Dir.): <u>SE</u>	Wind (B.S.): <u>1</u>
Cloud Cover (%): <u>30%</u>	Precipitation: <u>None</u>	

Description of Local Habitat Conditions and Adjacent Land Use:

Surrounding land use Agriculture land and Top Soil Desert

Turtle species observed during monitoring period (Yes/No): Yes .If yes, fill in the table below.

Description of Turtles Observed

Species	UTMs	Length	Sex	#	Behaviour/ Description of visible traits
<u>Painted Turtle</u>		<u>15-20cm</u>	<u>UNKNOWN</u>	<u>1</u>	<u>Basking on log over pond</u>

Additional Notes

Species: Mallard, Red-winged Blackbird, Am. Robin, Sparrow sp., Turkey Vulture

Photo Log

Photo ID	Description (locations, direction, observation, etc.)
<u>25, 29</u>	<u>Pond</u>
<u>26</u>	<u>Mussell species</u>
<u>28-31</u>	<u>Painted Turtle</u>

Turtle Wintering Area Survey Form

Study Area: <u>Jericho</u>	Observers: <u>Tom Shorrey + Jess Pezlo</u>
Feature ID: <u>TWH-05</u>	

Fill in survey form for each vantage point. Vantage Point Number: 3

Vantage Point UTM <u>17T</u>	Date: <u>04/15/2013</u>
Easting: <u>429895</u> Northing: <u>4783343</u>	Start Time: <u>10:59 am</u> End Time: <u>11:19 am</u>

Weather Conditions			
Temperature (C°): <u>13°C</u>	Wind (Dir.): <u>SE</u>	Wind (B.S.): <u>2</u>	
Cloud Cover (%): <u>60%</u>	Precipitation: <u>None</u>		

Description of Local Habitat Conditions and Adjacent Land Use:

Surrounding land use includes combination of Agricultural land and Top Soil Depot

Turtle species observed during monitoring period (Yes/No): NO .If yes, fill in the table below.

Description of Turtles Observed

Species	UTMs	Length	Sex	#	Behaviour/ Description of visible traits

Additional Notes

Species: Killdeer, muskrat, Female goose over nest, Killdeer

Photo Log

Photo ID	Description (locations, direction, observation, etc.)
<u>33-34</u>	<u>Pond</u>

- Legend**
- Wind Energy Centre Study Area
 - Transmission Line Study Area
 - Municipal Division
 - Roads
 - Railway
 - Natural Feature
 - Watercourse (ABCA, SCRCA)
 - Watercourse (MNR)
 - 120m Area of Investigation
 - Project Location
 - GE Turbine
 - Permanent Meteorological Tower
 - Collection Line
 - Access Road
 - Crane Path
 - Transmission Line
 - Substation & Laydown Area
 - Disturbance Area

- Properties**
- Denied
 - Granted
- Turtle Wintering Habitat**
- Candidate Significant Wildlife Habitat
 - Location of Vantage Point



Transect/point count/vantage point locations and/or property access status may be subject to change and will be confirmed at the time of field surveys (e.g. depending on site conditions and/or landowner consultation)

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Metres

0 2.25 4.5 9 13.5 18

UTM Zone 17N, NAD 83 1:700

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Jericho Wind Energy Centre
 Natural Heritage Assessment Report
**Significant Wildlife Habitat
 Field Map - TWH-05**
 January 2013
 Project 60155032

AECOM

Turtle Wintering Area Survey Form

Study Area: <u>Jericho</u>		Observers: <u>Tom Showey + Jess Pieth</u>	
Feature ID: <u>TW#-05</u>			
Fill in survey form for each vantage point. Vantage Point Number: <u>VPI</u>			
Vantage Point UTM <u>See Round #1 Notes</u>		Date: <u>05/01/2013</u>	
Easting:	Northing:	Start Time: <u>3:31 P.M.</u>	End Time: <u>3:51 P.M.</u>
Weather Conditions			
Temperature (C°): <u>26.0</u>	Wind (Dir.): <u>S</u>	Wind (B.S.): <u>2</u>	
Cloud Cover (%): <u>0%</u>	Percipitation: <u>None</u>		

Description of Local Habitat Conditions and Adjacent Land Use:

-Surrounding land use Agriculture and Top Soil deposit

Turtle species observed during monitoring period (Yes/No):

Yes .If yes, fill in the table below.

Description of Turtles Observed

Species	UTMs	Length	Sex	#	Behaviour/ Description of visible traits
<u>Snapping Turtle</u>		<u>15-20cm</u>		<u>1</u>	<u>Travelling around gravel pit towards pond</u>
<u>Painted Turtle</u>		<u>8-12cm</u>		<u>3</u>	<u>Basking on fallen log</u>

Additional Notes

- Am. Toads Actively calling

Photo Log

Photo ID	Decription (locations, direction, observation, etc.)
<u>60</u>	<u>pond</u>

Turtle Wintering Area Survey Form

Study Area: <u>Seiche</u>		Observers: <u>Tom Stoney + Jess Piette</u>	
Feature ID: <u>TWH-05</u>			
Fill in survey form for each vantage point. Vantage Point Number: <u>VP 2</u>			
Vantage Point UTM <u>See Round 1 notes</u>		Date: <u>05/01/2013</u>	
Easting:	Northing:	Start Time: <u>3:10 P.m</u>	End Time: <u>3:30 P.m</u>
Weather Conditions			
Temperature (C°): <u>26°</u>	Wind (Dir.): <u>S</u>	Wind (B.S.): <u>2</u>	
Cloud Cover (%): <u>0%</u>	Precipitation: <u>None</u>		

Description of Local Habitat Conditions and Adjacent Land Use:

- Surrounding Land use includes Top Soil deposit / Agricultural land

Turtle species observed during monitoring period (Yes/No): No .If yes, fill in the table below.

Description of Turtles Observed

Species	UTMs	Length	Sex	#	Behaviour/ Description of visible traits
<div style="border: 1px solid black; width: 100%; height: 100%; transform: rotate(45deg);"></div>					
<div style="border: 1px solid black; width: 100%; height: 100%; transform: rotate(45deg);"></div>					
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<div style="border: 1px solid black; width: 100%; height: 100%; transform: rotate(45deg);"></div>					
<div style="border: 1px solid black; width: 100%; height: 100%; transform: rotate(45deg);"></div>					

Additional Notes

- AmTo calling in pond
- Answer SP (Blue)

Photo Log

Photo ID	Description (locations, direction, observation, etc.)
<u>55</u>	



Turtle Wintering Area Survey Form

Study Area: <u>Jericho</u>		Observers: <u>Tom Skorney + Jess Pette</u>	
Feature ID: <u>TWH-05</u>			
Fill in survey form for each vantage point. Vantage Point Number: <u>VP3</u>			
Vantage Point UTM <u>see Round 1 Notes</u>		Date: <u>05/01/2013</u>	
Easting:	Northing:	Start Time: <u>3:53 p.m</u>	End Time: <u>4:13 p.m</u>
Weather Conditions			
Temperature (C°): <u>26°c</u>	Wind (Dir.): <u>S</u>	Wind (B.S.): <u>2</u>	
Cloud Cover (%): <u>0%</u>	Percipitation: <u>None</u>		

Description of Local Habitat Conditions and Adjacent Land Use:

~ Adjacent to Agricultural lands and Top Soil deposit

Turtle species observed during monitoring period (Yes/No): yes .if yes, fill in the table below.

Description of Turtles Observed

Species	UTMs	Length	Sex	#	Behaviour/ Description of visible traits
<u>Painted Turtle</u>		<u>10</u>		<u>2</u>	<u>Basking on fallen log</u>

Additional Notes

Photo Log

Photo ID	Description (locations, direction, observation, etc.)
<u>62</u>	<u>Pond</u>



Legend

Wind Energy Centre Study Area	Project Location
Transmission Line Study Area	GE Turbine
Municipal Division	Permanent Meteorological Tower
Roads	Collection Line
Railway	Access Road
Natural Feature	Crane Path
Watercourse (ABCA, SCRCA)	Transmission Line
Watercourse (MNR)	Substation & Laydown Area
120m Area of Investigation	Disturbance Area

Properties

Denied
Granted
Turtle Wintering Habitat
Candidate Significant Wildlife Habitat
Location of Vantage Point

↑
Bag Line.

Snapping Turtle
used
Direction of Travel

Wood duck
Goose
Nest

Painted Turtle

Roe-eyes

Painted Turtle

JER1104

TWH-05

VPI

Land 3 - 4 Painted

Land 3 - 1 Painted

Land 3 - 3 Painted

VPI 2

131
132

62

129
130

60

127

65

128

Transit-point east/vantage point location and/or property access status may be subject to change and will be confirmed at the time of field surveys (e.g. depending on site conditions and/or landowner cooperation)

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Metres

0 2.25 4.5 9 13.5 18

UTM Zone 17N, MAD 05 1:700

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Natural Heritage Assessment Report
Significant Wildlife Habitat
Field Map - TWH-05
January 2013
Project 60155032



Turtle Wintering Area Survey Form

Study Area: <u>Territo</u>	Observers: <u>Tom Shorney + Justin Munro</u>
Feature ID: <u>TWH-05</u>	
Fill in survey form for each vantage point. Vantage Point Number: <u>VP1</u>	
Vantage Point UTM <u>See Round #1 Notes</u>	Date: <u>May 16, 2013</u>
Easting: _____ Northing: _____	Start Time: <u>10:00am</u> End Time: <u>10:20am</u>
Weather Conditions	
Temperature (C°): <u>15°C</u>	Wind (Dir.): <u>SW</u> Wind (B.S.): <u>2</u>
Cloud Cover (%): <u>0%</u>	Precipitation: <u>None</u>

Description of Local Habitat Conditions and Adjacent Land Use:

- Soil Dept Adjacent
- Cultural meadow along shore

Turtle species observed during monitoring period (Yes/No): yes .If yes, fill in the table below.

Description of Turtles Observed

Species	UTMs	Length	Sex	#	Behaviour/ Description of visible traits
<u>Painted Turtles</u>		<u>10-15</u>		<u>4</u>	<u>All looking on same log</u>

Additional Notes

- large amount of background noise

Photo Log

Photo ID	Description (locations, direction, observation, etc.)
<u>129-130</u>	<u>Pond</u>

Turtle Wintering Area Survey Form

Study Area: <u>Jericho</u>	Observers: <u>Tom Stomay + Justin Munro</u>
Feature ID: <u>TWH-05</u>	

Fill in survey form for each vantage point. Vantage Point Number: VP2

Vantage Point UTM <u>see Round #1 Notes</u>	Date: <u>May 16, 2013</u>
Easting: _____ Northing: _____	Start Time: <u>9:38am</u> End Time: <u>9:58am</u>

Weather Conditions		
Temperature (C°): <u>12°C</u>	Wind (Dir.): <u>SW</u>	Wind (B.S.): <u>2</u>
Cloud Cover (%): <u>0%</u>	Precipitation: <u>None</u>	

Description of Local Habitat Conditions and Adjacent Land Use:

- Soil deposit adjacent

- machinery working

Turtle species observed during monitoring period (Yes/No): Yes .if yes, fill in the table below.

Description of Turtles Observed

Species	UTMs	Length	Sex	#	Behaviour/ Description of visible traits
<u>Painted Turtle</u>		<u>15cm</u>		<u>1</u>	<u>Basking on log near VPI</u>
<u>Unknown</u>		<u>15cm</u>		<u>1</u>	<u>Flotting at surface of pond</u>

Additional Notes

- machinery creating loud noise

Photo Log

Photo ID	Description (locations, direction, observation, etc.)
<u>127-128</u>	<u>Pond</u>

Turtle Wintering Area Survey Form

Study Area: Jericho **Observers:** Tom Stoney + Justin Morlo
Feature ID: TWH-05

Fill in survey form for each vantage point. **Vantage Point Number:** VP3

Vantage Point UTM see Round #1 notes **Date:** May 16, 2013
Easting: **Northing:** **Start Time:** 10:22am **End Time:** 10:42am

Weather Conditions
Temperature (C°): 15°C **Wind (Dir.):** SW **Wind (B.S.):** 2
Cloud Cover (%): 10% **Precipitation:** None

Description of Local Habitat Conditions and Adjacent Land Use:

- Surrounded by Salt pond, cultural meadow and agriculture

Turtle species observed during monitoring period (Yes/No): NO .If yes, fill in the table below.

Description of Turtles Observed

Species	UTMs	Length	Sex	#	Behaviour/ Description of visible traits

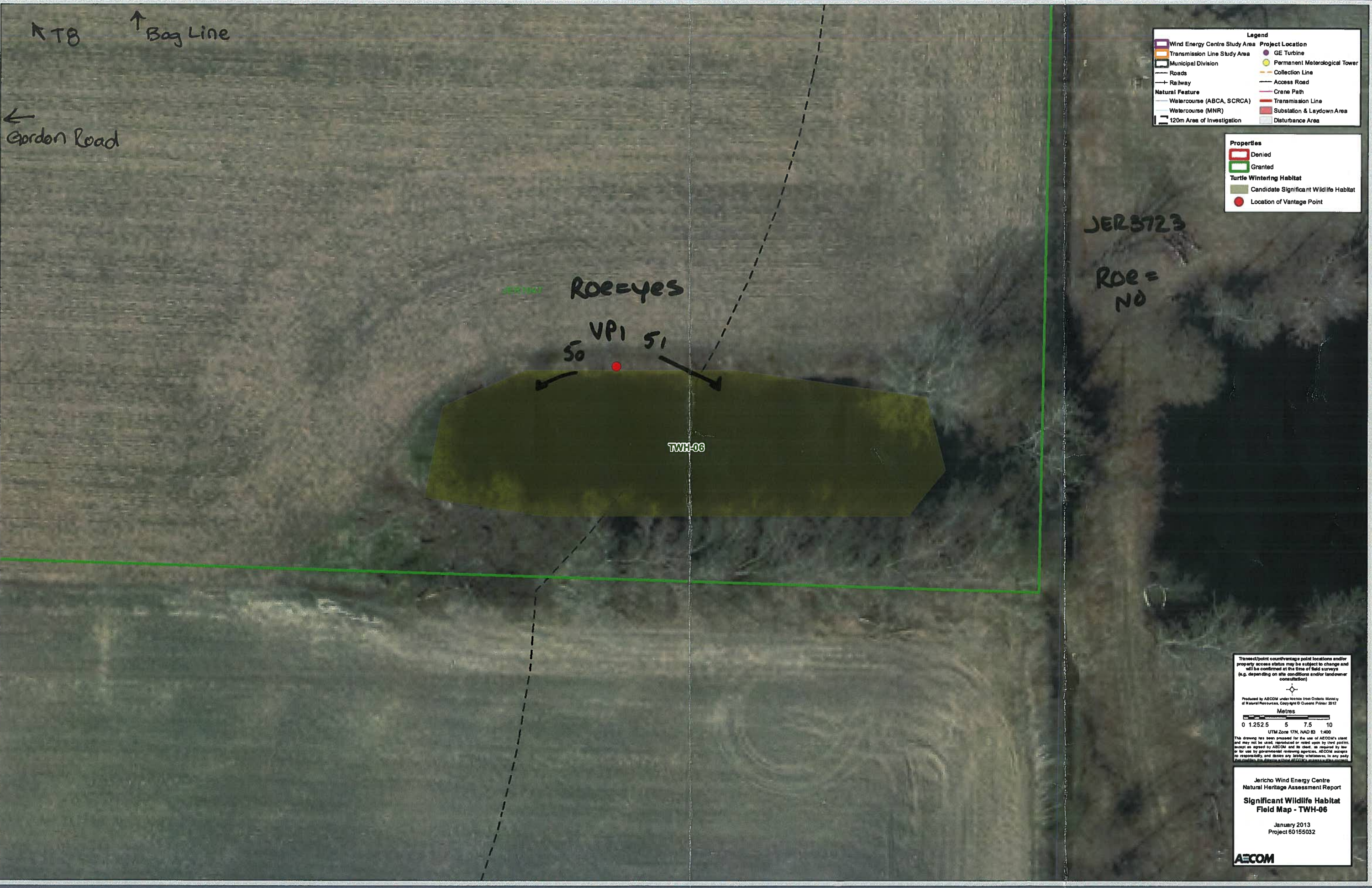
Additional Notes

- Breezy at this VP - which may be affecting Basking conditions

Photo Log

Photo ID	Description (locations, direction, observation, etc.)
131-132	Pond





↖ T8
 ↑ Bag Line
 ← Gordon Road

Legend			
	Wind Energy Centre Study Area		Project Location
	Transmission Line Study Area		Permanent Meteorological Tower
	Municipal Division		Collection Line
	Roads		Access Road
	Railway		Crane Path
	Natural Feature		Transmission Line
	Watercourse (ABCA, SCRCA)		Substation & Laydown Area
	Watercourse (MNR)		Disturbance Area
	120m Area of Investigation		

Properties	
	Denied
	Granted
	Turtle Wintering Habitat
	Candidate Significant Wildlife Habitat
	Location of Vantage Point

JER3723
 ROE = NO

ROE=YES
 VPI
 50 51

TWH-06

Tranceid/poist count/vantage point locations and/or property access status may be subject to change and will be confirmed at the time of field surveys (e.g. depending on site conditions and/or landowner consultation)

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 Metres
 0 1.25 2.5 5 7.5 10
 UTM Zone 17N, NAD 83 1:400

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 Natural Heritage Assessment Report
**Significant Wildlife Habitat
 Field Map - TWH-06**
 January 2013
 Project 60155032



Turtle Wintering Area Survey Form

Study Area: <u>Jericho</u>	Observers: <u>Tom Shorney + Jess Pieta</u>
Feature ID: <u>TWH-06</u>	

Fill in survey form for each vantage point. Vantage Point Number: |

Vantage Point UTM <u>17T</u>	Date: <u>04/15/13</u>
Easting: <u>431378</u> Northing: <u>4782535</u>	Start Time: <u>1:46 P.m</u> End Time: <u>2:06 P.m</u>
Weather Conditions	
Temperature (C°): <u>14°C</u>	Wind (Dir.): <u>SE</u> Wind (B.S.): <u>3</u>
Cloud Cover (%): <u>85%</u>	Precipitation: <u>None</u>

Description of Local Habitat Conditions and Adjacent Land Use:

Agricultural land use

Turtle species observed during monitoring period (Yes/No): .If yes, fill in the table below.

Description of Turtles Observed

Species	UTMs	Length	Sex	#	Behaviour/ Description of visible traits

Additional Notes

species: Flushed 3 wood ducks from pond, flickers, Turkey vulture, Song Sparrow

- Banks along length of pond very steep.

- Banks at both ends - gradual slope for nesting Access

Photo Log

Photo ID	Description (locations, direction, observation, etc.)
<u>50</u>	<u>West - Pond</u>
<u>51</u>	<u>East - Pond</u>



RTB ↑ Bog Line
 ← Gordon Rd

Legend

Wind Energy Centre Study Area	Project Location
Transmission Line Study Area	GE Turbine
Municipal Division	Permanent Meteorological Tower
Roads	Collection Line
Railway	Access Road
Natural Feature	Crane Path
Watercourse (ABCA, SCRCA)	Transmission Line
Watercourse (MNR)	Substation & Laydown Area
120m Area of Investigation	Disturbance Area

Properties

Denied
Granted

Turtle Wintering Habitat

Candidate Significant Wildlife Habitat
Location of Vantage Point

Roe=yes

76

TWH-06

JGR3723

Roe=NO

← NO ACCESS →

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Metres
 0 1 2.5 5 7.5 10

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Jericho Wind Energy Centre
 Natural Heritage Assessment Report
 Significant Wildlife Habitat
 Field Map - TWH-06

January 2013
 Project 60155032

AECOM

Turtle Wintering Area Survey Form

Study Area: Jericho Observers: Tom Sholney + Jess Piette

Feature ID: TWH-06

Fill in survey form for each vantage point. Vantage Point Number: VPI

Vantage Point UTM See bound #1 notes Date: MAY 1, 2013
 Easting: _____ Northing: _____ Start Time: 10:15 am End Time: 10:35 am

Weather Conditions
 Temperature (C°): 18°c Wind (Dir.): SE Wind (B.S.): 2
 Cloud Cover (%): 10% Percipitation: None

Description of Local Habitat Conditions and Adjacent Land Use:
- Surrounding land use agricultural

Turtle species observed during monitoring period (Yes/No): No .If yes, fill in the table below.

Description of Turtles Observed

Species	UTMs	Length	Sex	#	Behaviour/ Description of visible traits

Additional Notes
- Amto and Pickered frog calling

Photo Log

Photo ID	Description (locations, direction, observation, etc.)
<u>576</u>	<u>Pond - from Vantage Point</u>

R T8 ↑ Dog Line
 ← Gordon Rd

Legend

Wind Energy Centre Study Area	Project Location
Transmission Line Study Area	GE Turbine
Municipal Division	Permanent Meteorological Tower
Roads	Collection Line
Railway	Access Road
Natural Feature	Crane Path
Watercourse (ABCA, SCRCA)	Transmission Line
Watercourse (MNR)	Substation & Laydown Area
120m Area of Investigation	Disturbance Area

Properties

Denied
Granted
Turtle Wintering Habitat
Candidate Significant Wildlife Habitat
Location of Vantage Point

Roe=yes

76 VP

VP

TWH-06 (P1)

VP

J5R373

Roe=NE

(P2)

X → Shapper

← NO ACCESS →

Traverse/pedal count/water table locations and/or property access status may be subject to change and will be confirmed at the time of field surveys (e.g. depending on site conditions and/or landowner cooperation)

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Metres

0 1.252.5 5 7.5 10

UTM Zone 17N, NAD 83 1480

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Jericho Wind Energy Centre
 Natural Heritage Assessment Report
 Significant Wildlife Habitat
 Field Map - TWH-06
 January 2013
 Project 60185032
AECOM

Turtle Wintering Area Survey Form

Study Area: <u>JER</u>	Observers: <u>Rob + Rayna</u>
Feature ID: <u>TWH-06 / P1 + P2</u>	

Fill in survey form for each vantage point. Vantage Point Number:

Vantage Point UTM <u>See map</u> • VP.	Date: <u>05.16.13</u>
Easting: _____ Northing: _____	Start Time: <u>1:30</u> End Time: <u>2:10</u>

Weather Conditions		
Temperature (C°): <u>~ 20</u>	Wind (Dir.): <u>SW.</u>	Wind (B.S.): <u>2.</u>
Cloud Cover (%): <u>0%</u>	Precipitation: _____	

Description of Local Habitat Conditions and Adjacent Land Use:

Agriculture / woodlot.

Turtle species observed during monitoring period (Yes/No): YES .If yes, fill in the table below.

Description of Turtles Observed

Species	UTMs	Length	Sex	#	Behaviour/ Description of visible traits
<u>Snapping</u>	<u>See Map</u>	<u>±2ft</u>	<u>?</u>	<u>1</u>	<u>Sunning in P2.</u>

Additional Notes

- GRCA - COGR
- WAVI - NOLF
- VESP
- TUVV
- AMCR

Photo Log

Photo ID	Description (locations, direction, observation, etc.)

Turtle Wintering Area Survey Form

Study Area: Jericho Observers: Tom Stoney + Jess Piette
 Feature ID: TWH-07

Fill in survey form for each vantage point. Vantage Point Number: 1

Vantage Point UTM 17T Date: 04/15/2013
 Easting: 428238 Northing: 4774209 Start Time: 3:45 P.m End Time: 4:05 P.m

Weather Conditions
 Temperature (C°): 21°C Wind (Dir.): SE Wind (B.S.): 4
 Cloud Cover (%): 90% Percipitation: None

Description of Local Habitat Conditions and Adjacent Land Use:

Need to form a driveway adjacent to pond

Turtle species observed during monitoring period (Yes/No): NO .If yes, fill in the table below.

Description of Turtles Observed

Species	UTMs	Length	Sex	#	Behaviour/ Description of visible traits

Additional Notes

- Extremely windy, very little structures for basking
- NO Turtles observed

Photo Log

Photo ID	Description (locations, direction, observation, etc.)
<u>53-54</u>	<u>North / South Photos</u>





Legend

Wind Energy Centre Study Area	Project Location
Transmission Line Study Area	GE Turbine
Municipal Division	Permanent Meteorological Tower
Roads	Collection Line
Railway	Access Road
Natural Feature	Crane Path
Watercourse (ABCA, SCRCA)	Transmission Line
Watercourse (MNR)	Substation & Laydown Area
120m Area of Investigation	Disturbance Area

Properties

Denied
Granted

Turtle Wintering Habitat

Candidate Significant Wildlife Habitat
Location of Vantage Point

JER3598

TWH-07

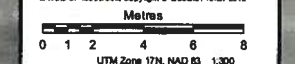
Roe-eyes

TSB →

← access from Northville Road

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 Natural Heritage Assessment Report
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 Field Map - TWH-07**
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 Project 80155032

Turtle Wintering Area Survey Form

Study Area: <u>Jericho</u>	Observers: <u>Tom Shomy + Jess Piehl</u>
Feature ID: <u>TWO-07</u>	

Fill in survey form for each vantage point. Vantage Point Number: VPI

Vantage Point UTM <u>See Round 1 Notes</u>	Date: <u>05/01/2013</u>
Easting: _____ Northing: _____	Start Time: <u>2:03 PM</u> End Time: <u>2:23 PM</u>

Weather Conditions			
Temperature (C°): <u>26°</u>	Wind (Dir.): <u>S</u>	Wind (B.S.): <u>3</u>	
Cloud Cover (%): <u>0</u>	Precipitation: <u>None</u>		

Description of Local Habitat Conditions and Adjacent Land Use:

- Surrounding land use agricultural
- Water quality in pond murky

Turtle species observed during monitoring period (Yes/No): Yes .If yes, fill in the table below.

Description of Turtles Observed

Species	UTMs	Length	Sex	#	Behaviour/ Description of visible traits
<u>Snapping Turtle</u>		<u>30cm</u>		<u>1</u>	<u>Basking in weeds along shoreline, still in water</u>

Additional Notes
- Several minnows in pond

Photo Log

Photo ID	Description (locations, direction, observation, etc.)
<u>45/46/49</u>	<u>Pond</u>