

ELC		Site:		Polygon:				Surveyors:			
Assessment		TAF: 819	Date: 01/2	Date: 01/2				Date: 01/2			
Layers:		1 = canopy	2 = mid-story	3 = understory	4 = ground cover						
Abundance:		R = rare	A = abundant	D = dominant							
Species Code	Layer	1	2	3	4	Species Code	Layer	1	2	3	4
TRUCCI											
PCGLAVC											
FRANIC											
ATCANVA											
FRANIB											
THEBAY											
BRUSRD											
COSEB1											
EUPFOR											
SNOSNS											
LIMCARE											
TRPABU											
FRAGIN											
BOLUGO											
Solcana											
SUSUMV											
SPINABE											
DCERUBR											
EDPMAN											

Note: Number in circle indicates sample number of sample taken

- Cedar
Swamp
YANIST
FOOT

upland
cedar

LGL LIMITED –FROG CALL SURVEY DATA SHEET

Site #: <i>Turbine 1</i>		Stream Name/Associated Wetland:		
Location, Nearest 911#:		UTM Co-ordinates: 0000		
Site Description and Map: Turbine 1 according to Durham East Wind Farm Receptors and Proposed Wind Turbine Layout produced by Genivar dated June 1, 2011.				
VISIT 1 Date: June 2 2011 Time: (post-midnight) Weather Conditions: Air Temperature (° C): Investigators: MJO, GH		VISIT 2 Date: June 15 2011 Time: 23:05 Weather Conditions: calm, clear, full moon Air Temperature (° C): 14°C Investigators: MJO, JV		VISIT 3 Date: N/A Time: Weather Conditions: Air Temperature (° C): Investigators:
Species	Code	Visit 1	Visit 2	Visit 3
American Toad	AMTO			
Chorus Frog	CHFR			
Gray Tree Frog	GRTR			
Green Frog	GRFR			
Northern Leopard Frog	NLFR			
Spring Peeper	SPPE			
Wood Frog	WOFR			
Bull Frog	BUFR			
Other				
Habitat Description (e.g. vegetation type, dominant species, extent of open water):				
Digital Photographs:				
Comments: Could not inventory Turbine 1 on June 2 (Visit 1) as the timing window according to protocol had been missed (post-midnight).				

LGL LIMITED –FROG CALL SURVEY DATA SHEET

Site #: <i>Turbine 2</i>	Stream Name/Associated Wetland:
Location, Nearest 911#: Hartley Property	UTM Co-ordinates: 17T 4894168, 523093

Site Description and Map:
 Turbine 2 according to Durham East Wind Farm Receptors and Proposed Wind Turbine Layout produced by Genivar dated June 1, 2011.

VISIT 1 Date: June 2 2011 Time: 21:46 Weather Conditions: calm, cool, clear Air Temperature (° C): 10°C Investigators: MJO, GH	VISIT 2 Date: June 15 2011 Time: 23:25 Weather Conditions: calm, clear, full moon Air Temperature (° C): 14°C Investigators: MJO, JV	VISIT 3 Date: N/A Time: Weather Conditions: Air Temperature (° C): Investigators:
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Species	Code	Visit 1	Visit 2	Visit 3
American Toad	AMTO			
Chorus Frog	CHFR			
Gray Tree Frog	GRTR			
Green Frog	GRFR			
Northern Leopard Frog	NLFR			
Spring Peeper	SPPE			
Wood Frog	WOFR			
Bull Frog	BUFR			
Other				

Habitat Description (e.g. vegetation type, dominant species, extent of open water):
 Pasture adjacent woodlot

Digital Photographs:

Comments:

LGL LIMITED –FROG CALL SURVEY DATA SHEET

Site #: <i>Turbine 3</i>		Stream Name/Associated Wetland:		
Location, Nearest 911#:		UTM Co-ordinates: 17T 4894256, 523505		
Site Description and Map: Turbine 3 according to Durham East Wind Farm Receptors and Proposed Wind Turbine Layout produced by Genivar dated June 1, 2011.				
VISIT 1 Date: June 2 2011 Time: 22:05 Weather Conditions: calm, cool, clear Air Temperature (° C): 10°C Investigators: MJO, GH		VISIT 2 Date: June 15 2011 Time: 23:35 Weather Conditions: calm, clear, full moon Air Temperature (° C): 14°C Investigators: MJO, JV		VISIT 3 Date: N/A Time: Weather Conditions: Air Temperature (° C): Investigators:
Species	Code	Visit 1	Visit 2	Visit 3
American Toad	AMTO			
Chorus Frog	CHFR			
Gray Tree Frog	GRTR		1	
Green Frog	GRFR			
Northern Leopard Frog	NLFR			
Spring Peeper	SPPE			
Wood Frog	WOFR			
Bull Frog	BUFR			
Other				
Habitat Description (e.g. vegetation type, dominant species, extent of open water): Pasture adjacent woodlot				
Digital Photographs:				
Comments: Raccoons vocalizing Bat observed (could not identify species) Visit 2- tree frog to east in hedgerow				

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Site #: <i>Turbine 4</i>	Stream Name/Associated Wetland:
Location, Nearest 911#:	UTM Co-ordinates: 17T 4894343, 523765

Site Description and Map:
 Turbine 4 according to Durham East Wind Farm Receptors and Proposed Wind Turbine Layout produced by Genivar dated June 1, 2011.

VISIT 1 Date: June 2 2011 Time: 22:20 Weather Conditions: calm, cool, clear Air Temperature (° C): 10°C Investigators: MJO, GH	VISIT 2 Date: June 15 2011 Time: 23:50 Weather Conditions: calm, clear, full moon Air Temperature (° C): 14°C Investigators: MJO, JV	VISIT 3 Date: N/A Time: Weather Conditions: Air Temperature (° C): Investigators:
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Species	Code	Visit 1	Visit 2	Visit 3
American Toad	AMTO			
Chorus Frog	CHFR			
Gray Tree Frog	GRTR		1	
Green Frog	GRFR			
Northern Leopard Frog	NLFR			
Spring Peeper	SPPE			
Wood Frog	WOFR			
Bull Frog	BUFR			
Other				

Habitat Description (e.g. vegetation type, dominant species, extent of open water):
 Conifer hedgerow adjacent woodlot

Digital Photographs:

Comments:
 Ruffed grouse drumming
 Raccoons vocalizing

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Site #: <i>Turbine 5</i>	Stream Name/Associated Wetland:
Location, Nearest 911#:	UTM Co-ordinates: 17T 4894493, 524897

Site Description and Map:
 Turbine 5 according to Durham East Wind Farm Receptors and Proposed Wind Turbine Layout produced by Genivar dated June 1, 2011.

VISIT 1 Date: June 2 2011 Time: 23:10 Weather Conditions: calm, cool, clear Air Temperature (° C): 10°C Investigators: MJO, GH	VISIT 2 Date: June 15 2011 Time: 22:45 Weather Conditions: calm, clear, full moon Air Temperature (° C): 15°C Investigators: MJO, JV	VISIT 3 Date: N/A Time: Weather Conditions: Air Temperature (° C): Investigators:
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Species	Code	Visit 1	Visit 2	Visit 3
American Toad	AMTO			
Chorus Frog	CHFR			
Gray Tree Frog	GRTR		2	
Green Frog	GRFR			
Northern Leopard Frog	NLFR			
Spring Peeper	SPPE			
Wood Frog	WOFR			
Bull Frog	BUFR			
Other				

Habitat Description (e.g. vegetation type, dominant species, extent of open water):
 Agricultural field with wooded area adjacent, mapped watercourse to the east
 Pasture, woodlot to the north, pond to the south

Digital Photographs:

Comments:
 Ruffed grouse drumming
 Bat observed (species unidentifiable)

LGL LIMITED –FROG CALL SURVEY DATA SHEET

Site #: <i>Turbine 6</i>	Stream Name/Associated Wetland:
Location, Nearest 911#:	UTM Co-ordinates: 17T 0448605, 4580874

Site Description and Map:

Turbine 6 according to Durham East Wind Farm Receptors and Proposed Wind Turbine Layout produced by Genivar dated June 1, 2011.

<p>VISIT 1 Date: June 2 2011</p> <p>Time:</p> <p>Weather Conditions: calm, cool, clear</p> <p>Air Temperature :</p> <p>Investigators:</p>	<p>VISIT 2 Date: June 15 2011</p> <p>Time: 21:30</p> <p>Weather Conditions: calm, clear, full moon</p> <p>Air Temperature : 23°C</p> <p>Investigators: MJO, JV</p>	<p>VISIT 3 Date: N/A</p> <p>Time:</p> <p>Weather Conditions:</p> <p>Air Temperature (° C):</p> <p>Investigators:</p>
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Species	Code	Visit 1	Visit 2	Visit 3
American Toad	AMTO			
Chorus Frog	CHFR			
Gray Tree Frog	GRTR		2	
Green Frog	GRFR		1	
Northern Leopard Frog	NLFR			
Spring Peeper	SPPE			
Wood Frog	WOFR			
Bull Frog	BUFR			
Other				

Habitat Description (e.g. vegetation type, dominant species, extent of open water):

Wetlands to west with green frog and tree frog.

Digital Photographs:

Comments:

Could not survey Turbine 6 due to timing window (post-midnight).
 Visit 2 - Abundant leopard frogs on access road to Turbine 6.

LGL LIMITED –FROG CALL SURVEY DATA SHEET

Site #: <i>Turbine 7</i>	Stream Name/Associated Wetland:
Location, Nearest 911#:	UTM Co-ordinates: 17T 0448605, 4580874

Site Description and Map:
 Turbine 7 according to Durham East Wind Farm Receptors and Proposed Wind Turbine Layout produced by Genivar dated June 1, 2011.

VISIT 1 Date: June 2 2011 Time: 23:35 Weather Conditions: calm, cool, clear Air Temperature : 10°C Investigators: MJO, GH	VISIT 2 Date: June 15 2011 Time: 22:15 Weather Conditions: calm, clear, full moon Air Temperature : 17°C Investigators: MJO, JV	VISIT 3 Date: N/A Time: Weather Conditions: Air Temperature (° C): Investigators:
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Species	Code	Visit 1	Visit 2	Visit 3
American Toad	AMTO			
Chorus Frog	CHFR			
Gray Tree Frog	GRTR		3	
Green Frog	GRFR	1	2	
Northern Leopard Frog	NLFR			
Spring Peeper	SPPE			
Wood Frog	WOFR			
Bull Frog	BUFR			
Other				

Habitat Description (e.g. vegetation type, dominant species, extent of open water):
 Abundant tree frogs to south, east.

Digital Photographs:

Comments:

Abundant Tree Frogs to south, east. Green Frogs to west, south.