

ONeal/Dunham GIS, 100 187 2011\_11\_15v1

Butterfly

Background data as per photo interpretation

Field surveyed

Road surveyed or property boundary

MARCH 22, 12

- AG Agricultural
- BCS1 Decid. Bog Ecotone
- CUM1-1 Dry Mixed Oak Forest Mesic Type / Coniferous Plantation
- CUP3 White Pine Coniferous Plantation Type
- CUP3-3 Scotch Pine Coniferous Plantation Type
- CUP3-4 White Spruce-European Larch Coniferous Plantation Type
- CUP3-8 Norway Spruce-European Larch Coniferous Plantation Type
- CUP3-9 Mineral Cultural Woodland Ecotone
- COH1 Mineral Cultural Woodland Ecotone
- FOC2-3 Dry Fresh White Cedar Coniferous Forest Type / Deciduous Forest
- FO1 Deciduous Forest
- FO2 Dry Fresh Sugar Maple Deciduous Forest Ecotone
- FO5 Mixed Forest (20% Pine + Maple)
- FO8 Fresh Mixed Hardwood Mixed Forest Ecotone
- FO8B Fresh Mixed Hardwood Mixed Forest Type
- MAM2 Mineral Meadow Marsh Ecotone
- MAM2-205W04 Rigid-stemmed Grass Mineral Meadow Marsh Type / Mineral Deciduous Swamp Ecotone
- MAM2-10 Foli. Mineral Meadow Marsh Type
- MAM2-3 Rigid-stemmed Grass Mineral Meadow Marsh Type / Mineral Deciduous Swamp Ecotone
- MAM2-10W04 Cattail Mineral Meadow Marsh Type / Mineral Deciduous Swamp Ecotone
- MO2 Open Meadow
- MO2-1 Pastureland
- MO2-2 Coniferous Swamp
- SWC1 White Cedar Mineral Coniferous Swamp Ecotone
- SWC3 White Cedar Organic Coniferous Swamp Ecotone
- SWC4 Tamarack Black Spruce Organic Coniferous Swamp Ecotone
- SWD Deciduous Swamp
- SWD-2 Green Ash Mineral Deciduous Swamp Type
- SWD4 Mineral Deciduous Swamp Ecotone
- SWD4SWT2-6 Mineral Deciduous Swamp Ecotone / Red-cedar Mineral Thicket Swamp Type
- SWT Mineral Swamp
- SWT Thicket Swamp
- SWT Mineral Thicket Swamp Ecotone
- SWT2-205W04 White-cedar Thicket Swamp Type / Mineral Deciduous Swamp Ecotone
- SWT2-6 Red-cedar Mineral Thicket Swamp Type / Mineral Deciduous Swamp + Organized Thicket



Concession Road 2

0 100 200 400 600 800 Meters



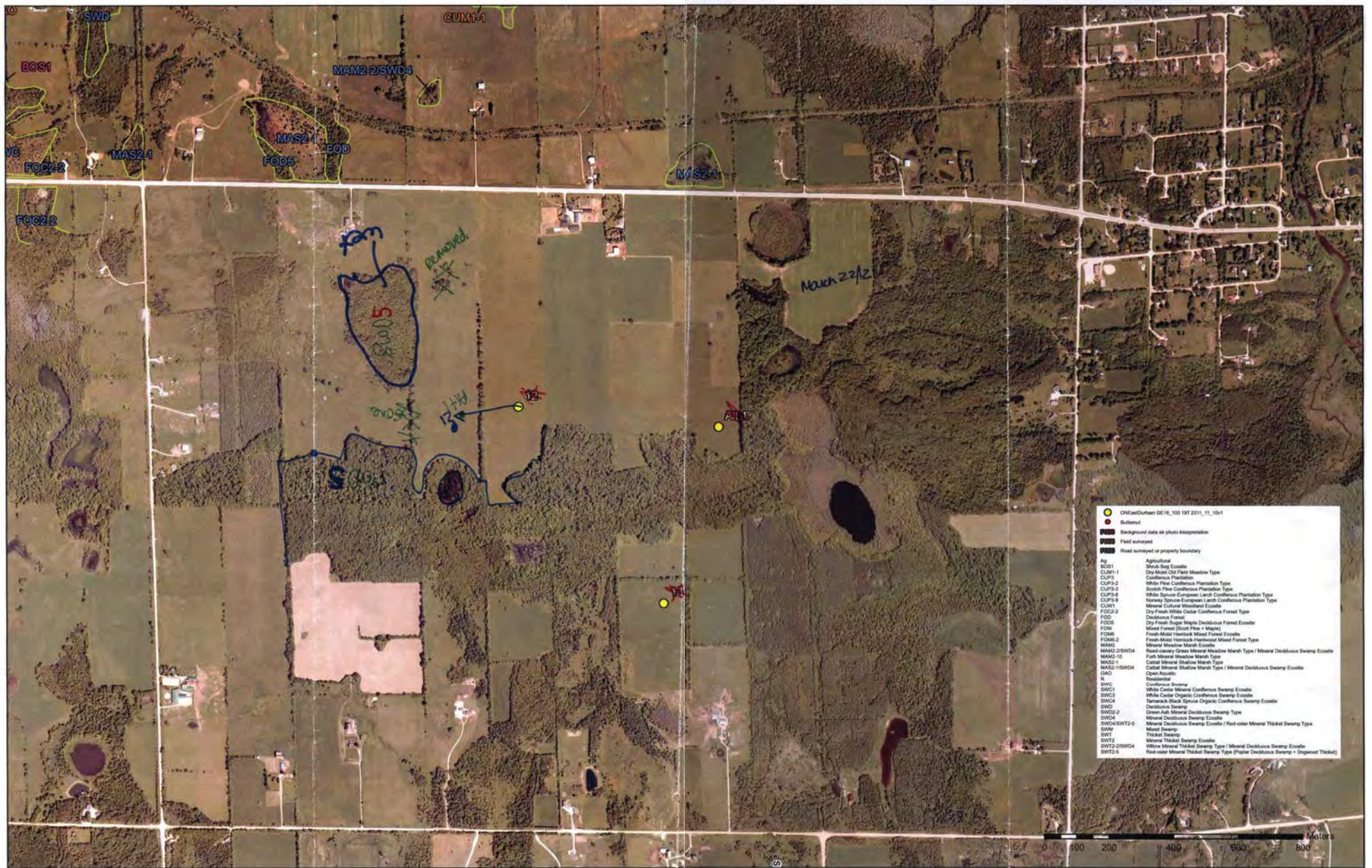


- ON:EastCorkum DE16\_300 19T 2011\_11\_15v1
- Subtenor
- Background data as photo interpretation
- Field surveyed
- Road surveyed or property boundary
- AG Agricultural
- BOB1 Shrub Bog Ecotype
- CUP1-1 Dry-Moist Oak / Field Meadow Type
- CUP2-2 Coniferous Plantation
- CUP3-2 White Pine Coniferous Plantation Type
- CUP3-3 Scotch Pine Coniferous Plantation Type
- CUP3-4 White Spruce-European Larch Coniferous Plantation Type
- CUP3-5 Norway Spruce-European Larch Coniferous Plantation Type
- CUP3-6 Mixed Cultural Woodland Ecotype
- FOC2-2 Dry Fresh White Cedar Coniferous Forest Type
- FOC3-2 Deciduous Forest
- FOC4-2 Dry Fresh Sugar Maple Deciduous Forest Ecotype
- FOC5 Mixed Forest (Soft Pine + Maple)
- FOC6 Fresh-Moist Hemlock Mixed Forest Ecotype
- FOC6-2 Fresh-Moist Hemlock-Hardwood Mixed Forest Type
- MAM2 Mixed Meadow Marsh Ecotype
- MAM2-2/SWD4 Road-canary Grass Mineral Meadow Marsh Type / Mineral Deciduous Swamp Ecotype
- MAM2-10 Full Mineral Meadow Marsh Type
- MAM2-11 Cattail Mineral Shallow Marsh Type
- MAM2-10/SWD4 Cattail Mineral Shallow Marsh Type / Mineral Deciduous Swamp Ecotype
- QAO Open Aquatic
- R Residential
- SWC Coniferous Swamp
- SWC1 White Cedar Mineral Coniferous Swamp Ecotype
- SWC2 White Cedar Organic Coniferous Swamp Ecotype
- SWC4 Barrenish Black Spruce Organic Coniferous Swamp Ecotype
- SWD4 Deciduous Swamp
- SWD2-2 Green Ash Mineral Deciduous Swamp Type
- SWD4/SWT2-5 Mineral Deciduous Swamp Ecotype
- SWM Mineral Deciduous Swamp Ecotype / Red-oak Mineral Thicket Swamp Type
- SWT Mixed Swamp
- SWT Thicket Swamp
- SWT2 Mineral Thicket Swamp Ecotype
- SWT2-2/SWD4 White Mineral Thicket Swamp Type / Mineral Deciduous Swamp Ecotype
- SWT2-5 Red-oak Mineral Thicket Swamp Type (Photos Deciduous Swamp + Dogwood Thicket)
- SWT2-5

March 22 2012







● CH2 Hill/Curtain DE 16, 100 187 2011, 11, 10/1  
● Submersed  
     Background data or photo interpretation  
     Field survey  
     Road surveyed or property boundary

Ag	Agricultural
BOE1	Dwarf Bog Ecotone
CUM1-1	Dry-Mixed Old Field Meadow Type
CLP1-1	Coniferous Plantation
CLP1-2	White Pine Coniferous Plantation Type
CLP1-3	Scottish Pine Coniferous Plantation Type
CLP1-4	White Spruce-European Larch Coniferous Plantation Type
CLP1-5	Norway Spruce-European Larch Coniferous Plantation Type
CLP1-6	Mixed Culture Woodland Ecotone
CUM1	Dry-Fresh White Cedar Coniferous Forest Type
FOC2-2	Deciduous Forest
FOD	Dry-Fresh Sugar Maple Deciduous Forest Ecotone
FOD5	Mixed Forest (Soft Pine + Maple)
FOF6	Fresh-Moist Hardwood Mixed Forest Ecotone
FOF6	Fresh-Moist Hardwood-Hardwood Mixed Forest Type
MAM1	Mineral Meadow Marsh Ecotone
MAM2-2SWD4	Hard-Innate Grass Mineral Meadow Marsh Type / Mineral Deciduous Swamp Ecotone
MAM2-13	Faith Mineral Meadow Marsh Type
MAS2-1	Cattail Mineral Shallow Marsh Type
MAS2-1SWD4	Cattail Mineral Shallow Marsh Type / Mineral Deciduous Swamp Ecotone
OAC	Open Aquatic
R	Residential
SWC	Coniferous Swamp
SWC1	White Cedar Mineral Coniferous Swamp Ecotone
SWC2	White Cedar Original Coniferous Swamp Ecotone
SWC3	Tamarack-Black Spruce Original Coniferous Swamp Ecotone
SWC4	Green Ash Mineral Deciduous Swamp Type
SWC4	Mineral Deciduous Swamp Ecotone
SWC4/SWT2-5	Mineral Deciduous Swamp Ecotone / Red-Outer Mineral Thicket Swamp Type
SWC4	Mineral Swamp
SWT	Thicket Swamp
SWT	Mineral Thicket Swamp Ecotone
SWT2-2SWD4	Willow Mineral Thicket Swamp Type / Mineral Deciduous Swamp Ecotone
SWT2-5	Red-Outer Mineral Thicket Swamp Type (Paper Deciduous Swamp + Dogwood Thicket)







### East Durham Turbine Micrositing Landowner Contact List

Client: Nextera

Project: East Durham

Field Manager: Dan Bebeck

Last Updated: March 21, 2012

	Notified / Access Granted
	Pending Agreement
	Micrositing March 22nd, 23rd

Start: 9:30  
 Temp 19°C  
 Sunny, scattered cloud.  
 March 22 2012  
 Micrositing

Turbine	PIN	CLIENT_ID	CanACRE_ID	QP_STATUS	Owner	Address	Phone Number	Special Access instructions	Legal_Description	Substation
1	372290171	EDU1040	CED104	LSE	SAUNDERS, ALFRED LORNE, & Marilyn	4949 4th line, RR 2	519-374-5812	* Spoke with Al - he is interested in knowing more about the layout when it is available. * Will not be attending.	LT 21-23 CON 2 NDR GLENELG EXCEPT PT 1-8 17R2606; WEST GREY	
2	372290186	EDU1043	CED99	LSE	MAC MILLAN, PATRICK LEONARD,	553668 Glenelg Rd 23, RR2	519-369-5990	* 1PM - MEET AT HOUSE * Will want to discuss roadway/turbine location	553668 GLENELG RD 23 RR 2 PRICEVILLE ON NOC 1K0	
3, 4, 5	372290190	EDU1039	CED100	LSE	HARTLEY, ANNE RUTH; HARTLEY, DAVID EARL	NE corner of Baptist Church Rd. and Grey Rd 4	ANNE & DAVID HARTLEY (519) 369-2438	* Will be gone to Florida * We can park in their driveway.	PT LT 21-27 CON 1 NDR GLENELG AS IN R428714; WEST GREY	West Substation location Central Substation location
6	372390074	EDU1004	CED101	LSE	LEITH, KENNETH DOUGLAS; LEITH, CAROLYN ANN	NE corner of Glenelg Rd 23 & Grey Rd 4	Leith residence: 519-369-6123	* Spoke with Carolyn. * Large trucks going in and out of laneway - park away from sheds and do not block traffic.	PT LT 31-33 CON 1 NDR GLENELG AS IN GS94959, PT 4 16R5177, EXCEPT GL3416 & GL12567 MUNICIPALITY OF WEST GREY	
7	372390072	EDU1006	CED69	LSE	SINGH, LALITA & Satash	SINGH LALITA 218 CRESTHAVEN RD BRAMPTON ON L7A1G5	905-840-4393	* Spoke to Satash, will not be able to come. Access granted.	PT LT 35 CON 1 NDR GLENELG AS IN R439678, PT 2 16R5178; WEST GREY	
8	372390069	EDU1008	CED102	LSE	SAYERS, GRANT & Margaret Ruth	404339 Durham Road, RR 1	519-369-6121	* Spoke with Ruth, she said she or Grant may have some questions so she'd appreciate if we KNOCK ON DOOR WHEN WE ARRIVE.	LT 39-40 CON 1 NDR GLENELG; PT LT 37-38 CON 1 NDR GLENELG AS IN GS44871, EXCEPT R419249, PT 1 17R439, PT 2 17R945 LYING S OF PT 4 16R5178; WEST GREY	
9	372390132	EDU1309	CED26	LSE	GREENSHIELDS, PATRICIA LINDA & GREENSHIELDS, WILLIAM ARTHUR	PAT, CALLIE, WES GREENSHIELDS 404527 GREY RD 4 PRICEVILLE ON NOC 1K0	519-924-1900	* Any time of day is fine. Knock on door when entering property. * Park on far end of driveway loop.	PT LT 46 CON 1 NDR GLENELG PT 1 16R9271; WEST GREY	Substation Location
10	372290144	EDU1062, EDU1273	CED7	LSE	WATSON, BRADLEY EVAN	403854 GREY RD 4 RR 1 PRICEVILLE, ON NOC 1K0	519-375-0750	* GIVE 1 HR NOTICE. * Brad will meet us at his house. * Gave permission for us to go on his father's property also.	PT LT 20 CON 1 SDR GLENELG; PT LT 19-20 CON 2 SDR GLENELG PT 1 & 2 17R2360 & PT 1 16R8532; S/T GS160110; WEST GREY	





Turbine	PIN	CLIENT_ID	CanACRE_ID	QP_STATUS	Owner	Address	Phone Number	Special Access Instructions	Legal_Description	Substation
11	372390083	EDU1005	CED103	LSE	ROWBOTHAM, STANLEY EDWARD; ROWBOTHAM, LINDA MARY	Long driveway on SE corner of Gleneig Rd 23 & Grey Rd 4	519-369-5244	* Spoke to Greg (drives red pick-up) if he is avail he will come out and meet us. * Recommends parking on Grey Rd. 4 * Is interested in working on the construction of the project - has experience.	PT LT 35 CON 1 SDR GLENEIG AS IN R508782, S/T INTEREST IN GS70896; WEST GREY	
12	372380201	EDU1314	CED108	LSE	BLACK, MALCOLM DENNIS; BLACK, VALERIE GEORGINA;	Landowner lives on parcel where turbine is sited.	(519) 924-3843	* Landowner notified. Courtesy door knock.	LT 24 CON 4 NDR GLENEIG; PT LT 23 CPN 4 NDR GLENEIG AS IN R502326; WEST GREY	
13	372390100	EDU1328	CED77	LSE	CUDNEY, DANIEL GARFIELD & CUDNEY, BEVERLEY JESSIE	CUDNEY DANIEL GARFIELD CUDNEY BEVERLEY JESSIE RR 1 PRICEVILLE ON NOC 1K0	(519) 924-2324	* Spoke to Bev. <b>CALL BEFORE COMING</b> so they can bring dog inside. * <b>KNOCK ON DOOR WHEN ON PROPERTY</b> to get information on location of electric fences on property.	LT 48-49 CON 2 SDR GLENEIG; WEST GREY	
14	372380200	EDU1364	CED109	LSE	BLACK, JAMES CHARLES; BLACK, BEATRIX;	Landowner lives on parcel where turbine is sited.	(519) 924-2674	* Access granted. Courtesy door knock. * Park in driveway if necessary.	LT 25 CON 4 NDR GLENEIG; WEST GREY	
Alt 1	372390121	EDU1311	CED20	PND	CEDARWELL EXCAVATING LTD.	CEDARWELL EXCAVATING LTD C/O JOERG WELER 302900 CONCESSION 2 RR 1 HANOVER ON N4N 3B8	Joerg Weller office 519-369-0023 home 519-369-6655 cell 519-379-7783	* Landowner notified. No courtesy knock required. * Park in driveway.	PT LT 43-45 CON 1 SDR GLENEIG AS IN GS128681; WEST GREY	Substation location
Alt 2	372380201	EDU1314	CED108	LSE	BLACK, MALCOLM DENNIS; BLACK, VALERIE GEORGINA;	Landowner lives on parcel where turbine is sited.	(519) 924-3843	* Landowner notified. Courtesy door knock.	LT 24 CON 4 NDR GLENEIG; PT LT 23 CPN 4 NDR GLENEIG AS IN R502326; WEST GREY	




# EastDurham OPT 21.8MW Hybrid GE 14T 2Alts 80mHH Acoustic 2012-03-13



March 22 20  
 Turbine  
 4  
 5  
 6  
 7  
 9  
 2

**Turbine Types**



-  GE1.44 102dBA
-  GE1.50 103dBA
-  GE1.56 104dBA
-  GE1.62 105dBA

 Substation







**Receptors**


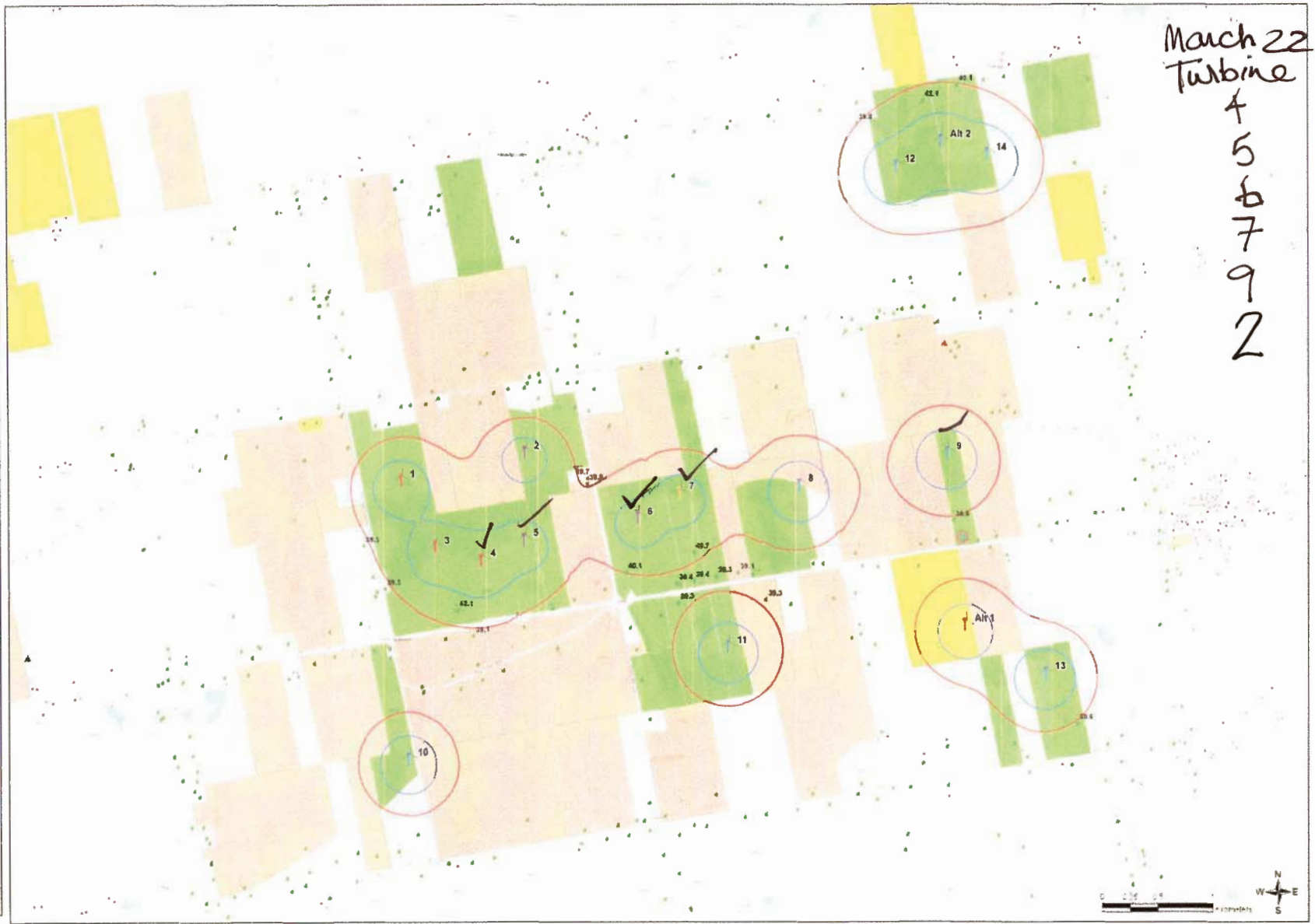
-  Below Limit
-  Above Limit

**Noise Contours**

-  40 dBA
-  45 dBA

**Parcel Status**

-  No Status
-  Targeted
-  Pending
-  Signed Lease
-  Not Interested
-  Competition

Turbine (7)

March 22/17

San Cayote

FODSA

- Slope steeply to Creek
- Sugar maple
- White Ash CORANT
- White Cedar

FRVIRG

CGVIRG

FAGGERM

TILAMEA

TAROFF

POBLOAE

CUM/GOW

Thuocci FRVIRG

CRATSP. DAUCARD.

DACCIDM ASTSP.

ACESASA ANEVIRG

VIMAMEA Carex sp.

DEANTEN

- has depression

- stakes + top soil looks weed growing

Wood pecker -

Photo 79-80.

Gen Sp. CORANT

PICGLMG MONFIS

Platanus - w glass hood

Rubus - lobed

Rhacanth. Patrect

Knopweed.

Viola sp.

March 22/12

Turbine 9

repl wash

- woodpecker - red head
- chorus frog by road
- papers in woods
- killdeer
- frog call peep peep peep

Swamp

Forest really wet - very wet  
- black org soil

Thuocci

Bet alce

Call Palu

Black Ash

ACERUSB

TUSARE

Poptem

CORSTO

White Elm

Mitrep

Naked mitrewot

DRYCAROTH

DRYCRIS

VERANA AQUA

JUN EFFU



March 22 / 12

Audio 115  
- food for frog monitoring  
- leopard frog (vis)  
Photo RUBB  
- cackling frog Robin  
- green

Turbine Alt 1  
Swamp

Phacelia CORSTIA ABIBALS RUM OLISP  
Elymus ~~PROSIS~~ FRAPEN' BETALLE  
Typ lat ~~RANHAP~~ POPTRIN' FRA NIGR'  
ROSSP. CARLEN GALUMSp ACE SACI'  
Tropi Mitrep. DEUCRIS WILLOW

Crad sp.

- young forest - Ash subv maple
- deer trail along edge
- chimney crey fish
- maple + cherry at end of swamp.

Rillden m field

FOD 5  
SUGAR maple GER RDBE - little understory  
ASH) PRISGO - raspberry understory  
FRANHOP UM AMER VIOLE Sp  
ARC MINU GER COLMAN  
RAN AUU FAG GRAN RUM CRSP

OAP - near frog, recorded  
- geese in pond - peepers  
- open water Malards  
- leopard frog  
- Lemna, edge surrounded by  
Silver maple, CORSTIA

photo 126 -

AH2 Turbine 11 + 12 property  
peepers - pot for little + salamanders  
Bond SWT  
willow ONOSENS  
Phacelia - algae  
CORSTIA New look  
Alis plan aquat

photo

- raccoon