

SWD

DM

THD

WOD

GSH1062
33A 33B

SWD

HOLH

47(44)

31

53M

505
53M
53M

new layout: GE 62, SMNH1

NextEra Bird / Wildlife Survey Form

Study Area: Goshen Turbine Site: GE 56 Feature No.: 190/210
 Observers: Kamstra Time Start: 7:00 Time Stop: 7:25
 Date: May 26/2011 Wind: 0 Cloud: 100%
 Search area/distance recorded on field map: Temp: 16°C Precip: light rain

Bird Species	Ev.	120 m	>120	Bird Species	Ev.	120 m	>120	Wildlife Species	Ev.	120 m	>120
Turkey Vulture				Yellow Warbler				Eur. Hare	0B		1
Red-tailed Hawk				Com. Yellowthroat							
Killdeer				Northern Cardinal							
Mourning Dove				Rose-br. Grosbeak							
Downy Woodpecker				Indigo Bunting	S	1 ✓					
Northern Flicker				Chipping Sparrow							
E. Wood Pewee				Song Sparrow	S	2 ✓					
Willow Flycatcher				Savannah Sparrow							
Eastern. Phoebe											
Gr. Cr. Flycatcher				Red-wing. Blackbird							
Eastern Kingbird				Common Grackle							
Tree Swallow				Br.-head. Cowbird							
Barn Swallow				Baltimore Oriole							
Blue Jay				Am. Goldfinch							
Am. Crow				Horned Lark	S	1 ✓					
Bl.-cap. Chickadee				Vesper Sparrow	S	1 ✓					
White-br. Nuthatch											
House Wren											
Wood Thrush											
Am. Robin											
Gray Catbird											
Cedar Waxwing											
E. Starling											
Warbling Vireo											
Red-eye Vireo											

Notes (e.g. basic description of habitat covered)

* record UTM for species of conservation concern.

Bend Line

bk 51 v my do/ full

MEM

SWM

WOD

Lot 7 Con 21
Stephen

56



HOLA

SASP

VESP

Lot 6 Con 21
Stephen

37



10A

FOD

Lot 5 Con 21
Stephen

FOD

36



53

SWD

54



Next Era Bird / Wildlife Survey Form

Study Area: Goshen Turbine Site: GE62,SMN4 Feature No.: 1210

Observers: R. Conohan Time Start: 5:55am Time Stop: 6:30

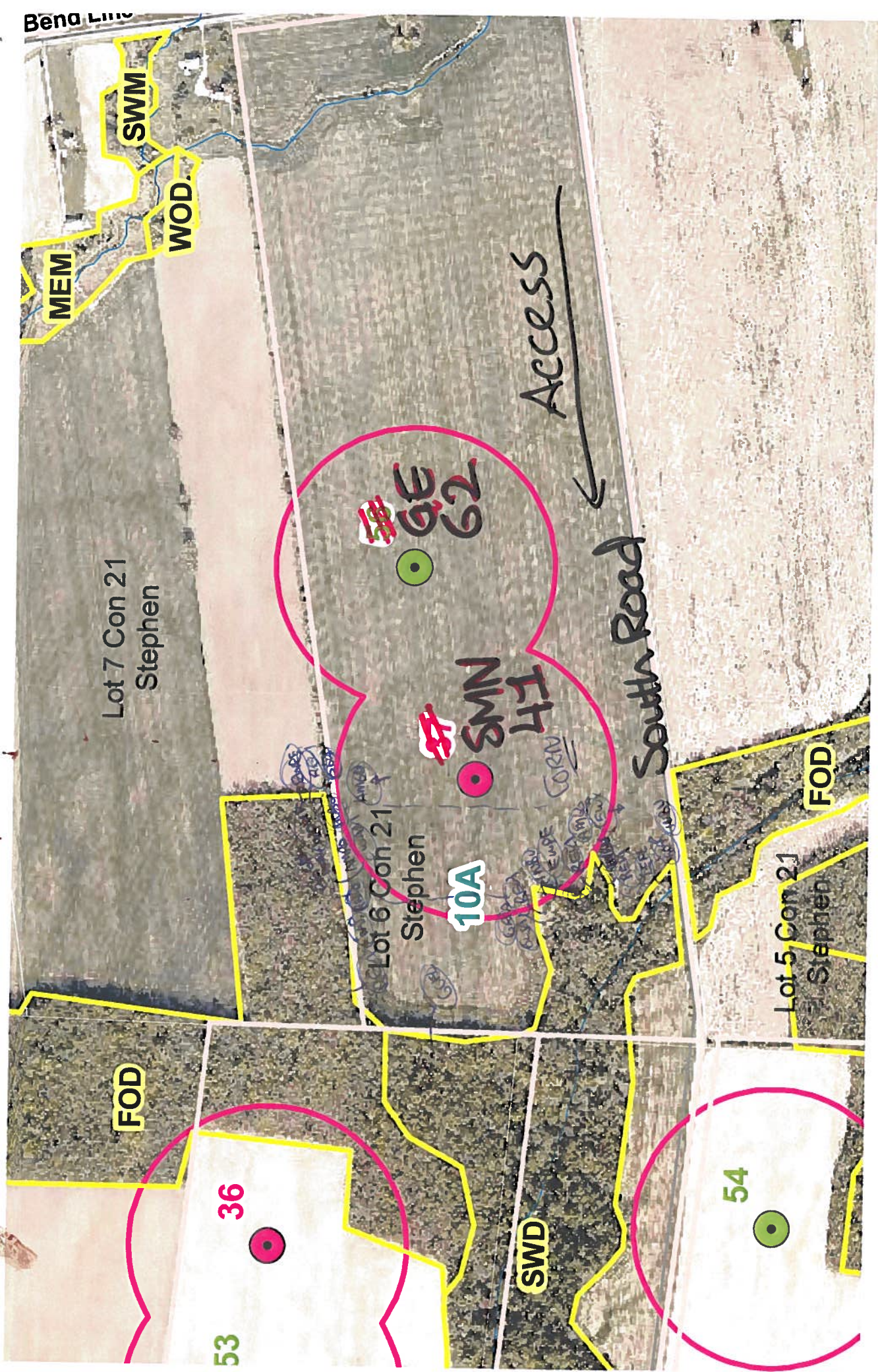
Date: 7/9/2011 Wind: calm Cloud: 25%

Search area/distance recorded on field map: Temp: 16° Precip: _____

Bird Species	Ev.	120 m	>120	Bird Species	Ev.	120 m	>120	Wildlife Species	Ev.	120 m	>120
Turkey Vulture				Yellow Warbler							
Red-tailed Hawk				Com. Yellowthroat							
Killdeer				Northern Cardinal							
Mourning Dove				Rose-br. Grosbeak	S	• ✓					
Downy Woodpecker				Indigo Bunting	S	• • ✓	• • ✓				
Northern Flicker				Chipping Sparrow	S		• ✓				
E. Wood Pewee	S	• ✓	• ✓	Song Sparrow	S		• • ✓				
Willow Flycatcher				Savannah Sparrow							
Eastern. Phoebe											
Gr. Cr. Flycatcher	S		• ✓	Red-wing. Blackbird							
Eastern Kingbird				Common Grackle							
Tree Swallow				Br.-head. Cowbird							
Barn Swallow				Baltimore Oriole							
Blue Jay	H		• ✓	Am. Goldfinch	H	• • ✓					
Am. Crow				Least Flycatcher	S		• ✓				
Bl.-cap. Chickadee				Red-bellied Wood	S		• ✓				
White-br. Nuthatch				Blue-Gray Gnatcatcher	S	• ✓					
House Wren	S		• ✓								
Wood Thrush											
Am. Robin											
Gray Catbird	S		• ✓								
Cedar Waxwing	H	• ✓									
E. Starling											
Warbling Vireo	S	• ✓									
Red-eye Vireo	S	• • ✓	• • ✓								

Notes (e.g. basic description of habitat covered)

* record UTM for species of conservation concern.



7/9/2011 RC
 c/c 25% 16°
 calm
 5:45 am → 6:30 am

new layout: GE 63, SMN 40

NextEra Bird / Wildlife Survey Form

Study Area: Goshen Turbine Site: GE 53 Feature No.: 210
 Observers: Kamstra Time Start: 10:30 Time Stop: 11:00
 Date: May 26/2011 Wind: Bart 1 SW Cloud: 100
 Search area/distance recorded on field map: Temp: 19°C Precip: _____

Bird Species	Ev.	120 m	>120	Bird Species	Ev.	120 m	>120	Wildlife Species	Ev.	120 m	>120
Turkey Vulture				Yellow Warbler							
Red-tailed Hawk				Com. Yellowthroat	S		1✓				
Killdeer	X			Northern Cardinal							
Mourning Dove				Rose-br. Grosbeak							
Downy Woodpecker				Indigo Bunting	S	2✓					
Northern Flicker				Chipping Sparrow							
E. Wood Pewee	S	2✓		Song Sparrow							
Willow Flycatcher				Savannah Sparrow	S	1✓					
Eastern. Phoebe											
Gr. Cr. Flycatcher				Red-wing. Blackbird							
Eastern Kingbird				Common Grackle							
Tree Swallow				Br.-head. Cowbird	S		1✓				
Barn Swallow				Baltimore Oriole							
Blue Jay				Am. Goldfinch	X						
Am. Crow	X			Pileated wp	H	1✓					
Bl.-cap. Chickadee				Orenbird	S	1✓					
White-br. Nuthatch	S	1✓		Horned Lark	S	2✓					
House Wren				Vesper Sparrow	S	1✓					
Wood Thrush											
Am. Robin	S		1✓								
Gray Catbird											
Cedar Waxwing											
E. Starling											
Warbling Vireo											
Red-eye Vireo	S	4✓									

Notes (e.g. basic description of habitat covered)

Rooves of Crows harassing something

* record UTM for species of conservation concern.



NextEra Bird / Wildlife Survey Form

Study Area: Goshen Turbine Site: GE63 Feature No.: 210
 Observers: Scott Mardin Time Start: 6:20 am Time Stop: 7:40 am
 Date: July 3/11 Wind: ~~SE~~ 0 Cloud: 5%
 Search area/distance recorded on field map: Temp: 20°C Precip: nil

Bird Species	Ev.	120 m	>120	Bird Species	Ev.	120 m	>120	Wildlife Species	Ev.	120 m	>120
Turkey Vulture				Yellow Warbler	SM		1 ✓	Gray Squirrel	VO		1
Red-tailed Hawk	SM		2 ✓	Com. Yellowthroat	SM		3 ✓	W-T Deer	TK	1	2
Killdeer	SM	1 ✓		Northern Cardinal				Green Frog	VO		1
Mourning Dove				Rose-br. Grosbeak	SM		2 ✓				
Downy Woodpecker	SM		1 ✓	Indigo Bunting	SM		7				
Northern Flicker				Chipping Sparrow							
E. Wood Pewee	SM		2 ✓	Song Sparrow	DD	2 ✓	3 ✓				
Willow Flycatcher				Savannah Sparrow	SM		1 ✓				
Eastern. Phoebe											
Gr. Cr. Flycatcher	SM		2 ✓	Red-wing. Blackbird							
Eastern Kingbird				Common Grackle							
Tree Swallow				Br.-head. Cowbird	SM		1 ✓				
Barn Swallow				Baltimore Oriole	SM		3 ✓				
Blue Jay				Am. Goldfinch	H	4 ✓	2 ✓				
Am. Crow	SM		2 ✓	Horned Lark	SM		1 ✓				
Bl.-cap. Chickadee				Blue-Gray Gnat-catcher	SM		1 ✓				
White-br. Nuthatch	SM		1 ✓	Ovenbird	SM		1 ✓				
House Wren				Black-billed Cuckie	SM		1 ✓				
Wood Thrush											
Am. Robin											
Gray Catbird	SM		2 ✓								
Cedar Waxwing	SM		6								
E. Starling											
Warbling Vireo											
Red-eye Vireo	SM		2 ✓								

Notes (e.g. basic description of habitat covered)

Wheat field; Soya field
 SWD - Silver Maple, Black Walnut, Red Ash, Basswood, Bitternut Hickory
 FOP - Shagbark Hickory, Walnut, Wt. Ash, Manitoba Maple, Hawthorn, Sugar Maple, Basswood

* record UTM for species of conservation concern.

NextEra Bird / Wildlife Survey Form

Study Area: Gosheu Turbine Site: GE 54 Feature No.: 210/189
 Observers: J Kanwisher Time Start: 10:45 Time Stop: 11:15
 Date: May 25 / 2011 Wind: Beauf 1 Cloud: 100
 Search area/distance recorded on field map: Temp: 18.5 °C Precip: 0

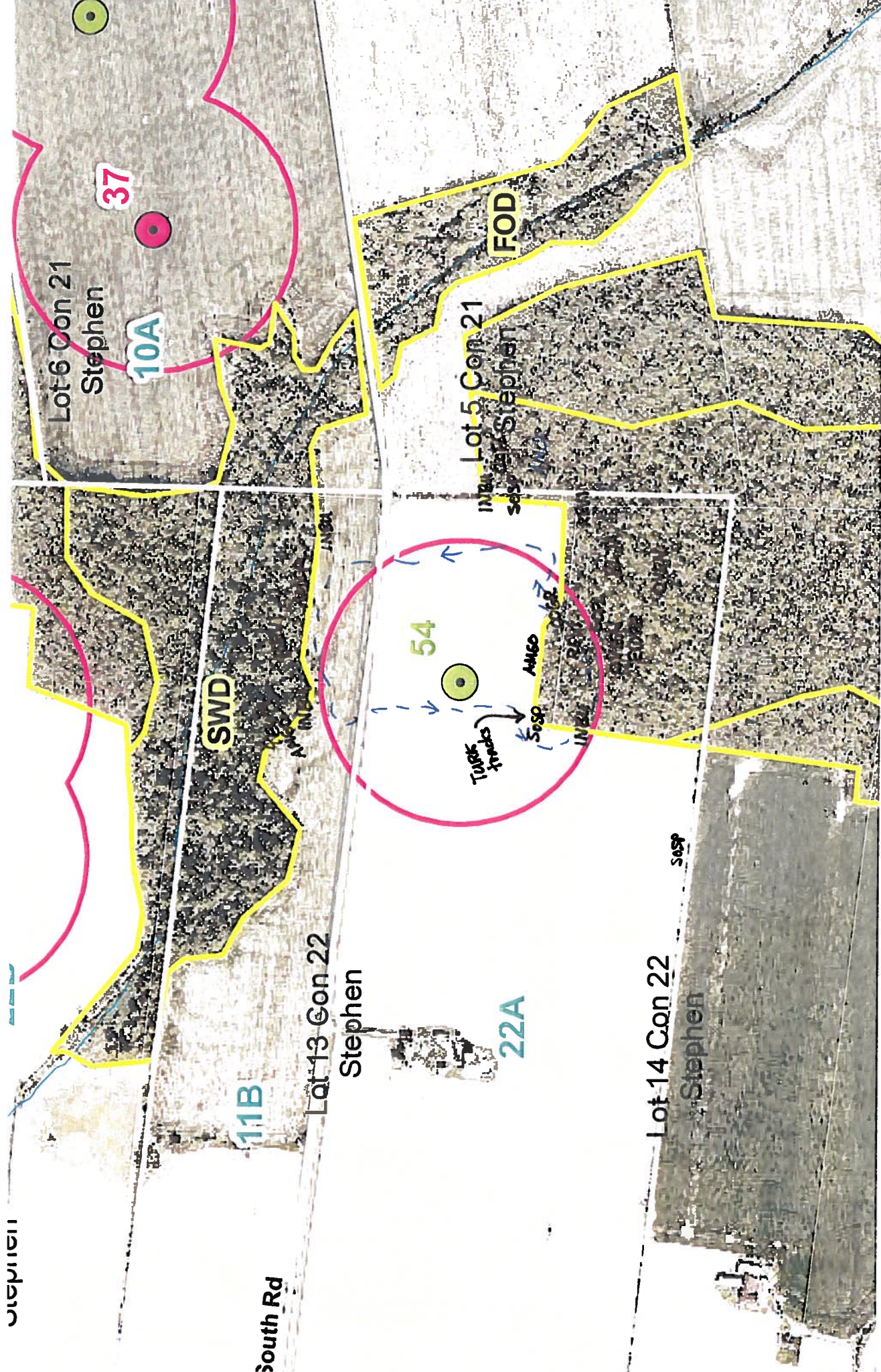
Bird Species	Ev.	120 m	>120	Bird Species	Ev.	120 m	>120	Wildlife Species	Ev.	120 m	>120
Turkey Vulture	X	5 ✓		Yellow Warbler	S		1 ✓	Raccoon	TK	✓	
Red-tailed Hawk				Com. Yellowthroat				Gray Squirrel	CB	✓	
Killdeer				Northern Cardinal							
Mourning Dove				Rose-br. Grosbeak							
Downy Woodpecker				Indigo Bunting	S	1 ✓	3 ✓				
Northern Flicker				Chipping Sparrow							
E. Wood Pewee				Song Sparrow	S	1 ✓	2 ✓				
Willow Flycatcher				Savannah Sparrow							
Eastern. Phoebe	⊖										
Gr. Cr. Flycatcher	S	1 ✓	1 ✓	Red-wing. Blackbird							
Eastern Kingbird				Common Grackle							
Tree Swallow				Br.-head. Cowbird							
Barn Swallow				Baltimore Oriole							
Blue Jay	H		1 ✓	Am. Goldfinch	S	1 ✓	1 ✓				
Am. Crow	H		2 ✓	Wild Turkey	TK						
Bl.-cap. Chickadee				Oveabird	S	1 ✓	1 ✓				
White-br. Nuthatch											
House Wren											
Wood Thrush											
Am. Robin											
Gray Catbird											
Cedar Waxwing											
E. Starling											
Warbling Vireo											
Red-eye Vireo	S	1 ✓	2 ✓								

Notes (e.g. basic description of habitat covered)

* record UTM for species of conservation concern.

GE 54

May 25/11 JK



July 2/11
Start Time: 7:36 am
End Time: 8:02 am
Temp: 21°C Wind: D - S

cloud: 95%
precip: ~~0~~
starting to rain @ end
~ 2-3 mm

Sub Valley Walnut
Paw Oak

Up land edge that quickly
drops to lowland creek valley

Bb Walnut } at edge (upland)
Sw }
Any }
Holly }
Grey }
Pt }
Dogwood



090

SH1023
22A

64(54)
AMCR (2)

SWD

SOYA

SOYA

KILL

GULCH

APIGO

INBU

BAOR

RGI

AMGO

SOSP

SOSP

SOSP

CUT

deer tracks (2)

deer tracks (2)

deer tracks (2)

Next Era Bird / Wildlife Survey Form

Study Area: Goshen Turbine Site: SM 35 Feature No.: 215

Observers: R. Conahan Time Start: 9:50 Time Stop: 10:20

Date: 6/20/2011 Wind: Calm Cloud: 25%

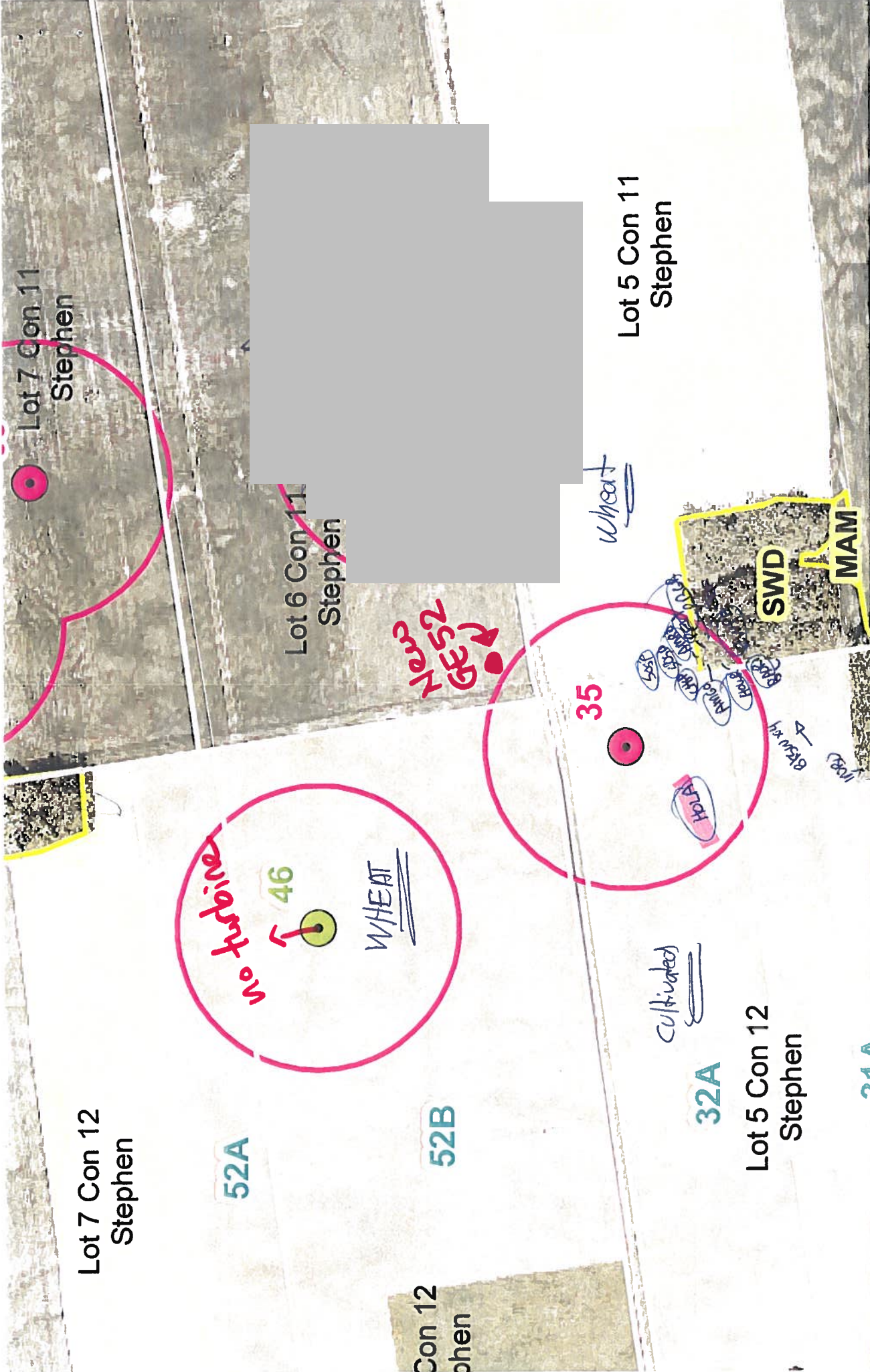
Search area/distance recorded on field map: Temp: 23° Precip: /

Bird Species	Ev.	120 m	>120	Bird Species	Ev.	120 m	>120	Wildlife Species	Ev.	120 m	>120
Turkey Vulture				Yellow Warbler							
Red-tailed Hawk				Com. Yellowthroat							
Killdeer				Northern Cardinal							
Mourning Dove				Rose-br. Grosbeak	S	•	✓				
Downy Woodpecker				Indigo Bunting							
Northern Flicker				Chipping Sparrow	S	•	✓				
E. Wood Pewee	S		• ✓	Song Sparrow	S	•	✓				
Willow Flycatcher				Savannah Sparrow							
Eastern. Phoebe											
Gr. Cr. Flycatcher				Red-wing. Blackbird							
Eastern Kingbird				Common Grackle							
Tree Swallow				Br.-head. Cowbird							
Am Swallow	X	•	✓	Baltimore Oriole	S		• ✓				
Blue Jay				Am. Goldfinch	H	•	✓				
Am. Crow				Horned Lark	H	•	✓				
Bl.-cap. Chickadee											
White-br. Nuthatch											
House Wren	S	•	✓								
Wood Thrush											
Am. Robin	H	•	✓								
Gray Catbird											
Cedar Waxwing											
E. Starling											
Warbling Vireo											
Red-eye Vireo	S	•	✓								

Notes (e.g. basic description of habitat covered)

* record UTM for species of conservation concern.

SMM35 - New DMN07
GE47 - no longer there.



Lot 7 Con 12
Stephen

52A

52B

32A

Lot 5 Con 12
Stephen

Lot 7 Con 11
Stephen

Lot 6 Con 11
Stephen

Lot 5 Con 11
Stephen

No turbine

46

WHEAT

New
GE52

35

Wheat

Cultivated

SWD

MAM

21A
St: 9:50 PM, 10:25
23° c/k 25%
wind calm

6/20/2011

NextEra Bird / Wildlife Survey Form

Study Area: Goshen Turbine Site: GE-52 Feature No.: 215
 Observers: R. Tymstra Time Start: 9:45 Time Stop: 10¹⁵
 Date: Jun 26/11 Wind: S-1 Cloud: None
 Search area/distance recorded on field map: Temp: 22°C Precip: None

Bird Species	Ev.	120 m	>120	Bird Species	Ev.	120 m	>120	Wildlife Species	Ev.	120 m	>120
Turkey Vulture				Yellow Warbler							
Red-tailed Hawk				Com. Yellowthroat							
Killdeer				Northern Cardinal							
Mourning Dove				Rose-br. Grosbeak							
Downy Woodpecker				Indigo Bunting	S		1 ✓				
Northern Flicker				Chipping Sparrow							
E. Wood Pewee				Song Sparrow	S	2 ✓					
Willow Flycatcher				Savannah Sparrow	S	4 ✓	2 ✓				
Eastern. Phoebe											
Gr. Cr. Flycatcher				Red-wing. Blackbird	H	2 ✓					
Eastern Kingbird				Common Grackle							
Tree Swallow				Br.-head. Cowbird	H	1 ✓					
Barn Swallow				Baltimore Oriole							
Blue Jay				Am. Goldfinch	H	2 ✓					
Am. Crow	H		1 ✓	Horned Lark	H	1 ✓					
Bl.-cap. Chickadee											
White-br. Nuthatch											
House Wren											
Wood Thrush											
Am. Robin											
Gray Catbird											
Cedar Waxwing											
E. Starling	H	1 ✓									
Warbling Vireo											
Red-eye Vireo											

Notes (e.g. basic description of habitat covered)

Hay field -
Relatively quiet, should recheck in early AM

* record UTM for species of conservation concern.

GSH1025
52A 52B

GSH1065
32A

GSH1064

Wheat

Brooms

34(35)

52

Wheat

FLM

GSH20

SWD

MAM

INBY

SASP
AMBO
RWBL
EUST
KOLA
SUNT
MOR



Next Era Bird / Wildlife Survey Form

Study Area: Goshen Turbine Site: 5m 34 Feature No.: 215

Observers: R. Conohan Time Start: 6:25 Time Stop: 7:10

Date: 7/3/2011 Wind: Calm Cloud: _____

Search area/distance recorded on field map: Temp: 17° Precip: _____

Bird Species	Ev.	120 m	>120	Bird Species	Ev.	120 m	>120	Wildlife Species	Ev.	120 m	>120
Turkey Vulture				Yellow Warbler							
Red-tailed Hawk				Com. Yellowthroat							
Killdeer				Northern Cardinal							
Mourning Dove				Rose-br. Grosbeak							
Downy Woodpecker				Indigo Bunting							
Northern Flicker				Chipping Sparrow							
E. Wood Pewee				Song Sparrow	S	•	✓				
Willow Flycatcher				Savannah Sparrow	S	•	✓				
Eastern. Phoebe											
Gr. Cr. Flycatcher				Red-wing. Blackbird							
Eastern Kingbird				Common Grackle							
Tree Swallow	X	•	✓	Br.-head. Cowbird							
Am Swallow				Baltimore Oriole							
Blue Jay			•	Am. Goldfinch	H	•	✓				
Am. Crow	S		•								
Bl.-cap. Chickadee											
White-br. Nuthatch											
House Wren											
Wood Thrush	S		•								
Am. Robin	S	•	✓								
Gray Catbird											
Cedar Waxwing											
E. Starling											
Warbling Vireo											
Red-eye Vireo	S	•	✓								

Notes (e.g. basic description of habitat covered)

* record UTM for species of conservation concern.

19A 19B

GSH1025
52A 52B

WHEAT
WHEAT
Alcala (cont)

52

7/3/2011 Fr 7/10
5:16:25 am
817°
Calm
CLC 20%

GSH2018

WHEAT

34 (35)

BEAN

GSH1065
32A

GSH1064
31A

SWD

MAM

TR50

Wheat Mock



NextEra Bird / Wildlife Survey Form

Study Area: Bosher Turbine Site: GE 52 Feature No.: 215 former hayfield
 Observers: R. Tynstra Time Start: 7⁰⁰ Time Stop: 7¹⁰
 Date: July 7/11 Wind: calm Cloud: None
 Search area/distance recorded on field map: Temp: 21°C Precip: None

Bird Species	Ev.	120 m	>120	Bird Species	Ev.	120 m	>120	Wildlife Species	Ev.	120 m	>120
Turkey Vulture				Yellow Warbler							
Red-tailed Hawk				Com. Yellowthroat							
Killdeer	H	1 ✓		Northern Cardinal							
Mourning Dove				Rose-br. Grosbeak							
Downy Woodpecker				Indigo Bunting							
Northern Flicker				Chipping Sparrow							
E. Wood Pewee				Song Sparrow	S	1 ✓					
Willow Flycatcher				Savannah Sparrow	S	3 ✓					
Eastern. Phoebe											
Gr. Cr. Flycatcher				Red-wing. Blackbird							
Eastern Kingbird				Common Grackle							
Tree Swallow				Br.-head. Cowbird							
Barn Swallow				Baltimore Oriole							
Blue Jay				Am. Goldfinch							
Am. Crow				Vesper Sparrow	S	1 ✓					
Bl.-cap. Chickadee											
White-br. Nuthatch											
House Wren											
Wood Thrush											
Am. Robin											
Gray Catbird											
Cedar Waxwing											
E. Starling											
Warbling Vireo											
Red-eye Vireo											

Notes (e.g. basic description of habitat covered)

Section of circle was alfalfa, recently cut short

* record UTM for species of conservation concern.

checked July? 7⁰⁰ AM
Hay field cut Recently

GSH1025
52A 52B

GSH1065
32A

GSH1064



GSH20

SWD

MAM

Next Era Bird / Wildlife Survey Form

Study Area: Goshen Turbine Site: GE-53 Feature No.: 215

Observers: R Condon Time Start: 10:20 Time Stop: 10:55

Date: 6/20/2011 Wind: Calm Cloud: 25%

Search area/distance recorded on field map:

Temp: 23°

Precip: _____

Bird Species	Ev.	120 m	>120	Bird Species	Ev.	120 m	>120	Wildlife Species	Ev.	120 m	>120
Turkey Vulture				Yellow Warbler							
Red-tailed Hawk	H	✓		Com. Yellowthroat							
Killdeer				Northern Cardinal							
Mourning Dove				Rose-br. Grosbeak							
Downy Woodpecker				Indigo Bunting							
Northern Flicker	A/P	✓		Chipping Sparrow							
E. Wood Pewee				Song Sparrow							
Willow Flycatcher				Savannah Sparrow							
Eastern. Phoebe											
Gr. Cr. Flycatcher				Red-wing. Blackbird							
Eastern Kingbird				Common Grackle							
Tree Swallow				Br.-head. Cowbird							
Swainson's Swallow				Baltimore Oriole							
Blue Jay	H	✓		Am. Goldfinch	H	✓					
Am. Crow											
Bl.-cap. Chickadee											
White-br. Nuthatch											
House Wren											
Wood Thrush	S	✓	✓								
Am. Robin											
Gray Catbird											
Cedar Waxwing											
E. Starling											
Warbling Vireo											
Red-eye Vireo	S	✓	✓								

Notes (e.g. basic description of habitat covered)

* record UTM for species of conservation concern.

New GE53

Lot 5 Con 12
Stephen

31A

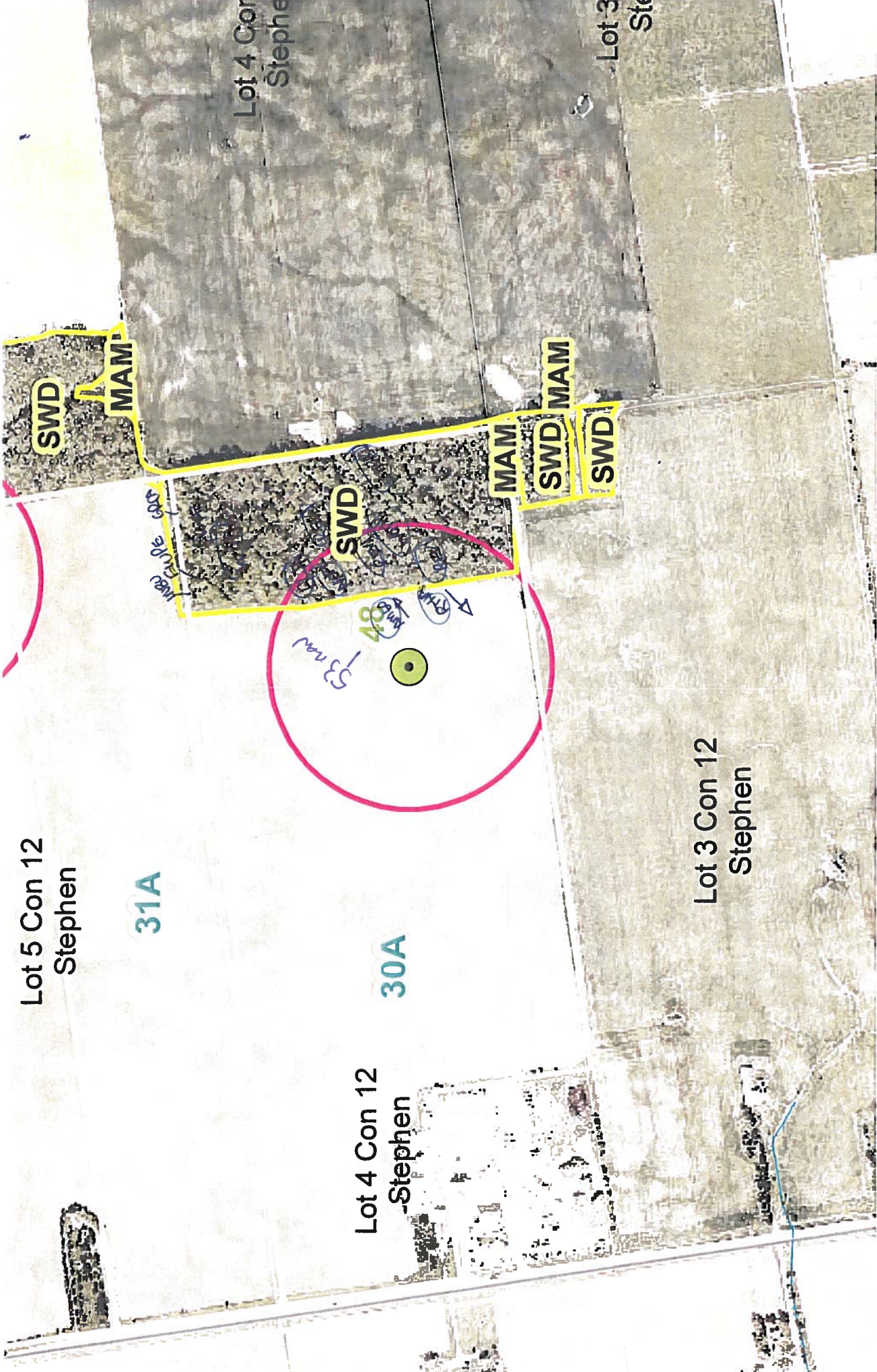
30A

Lot 4 Con 12
-Stephen

Lot 3 Con 12
Stephen

Lot 4 Cor
Stephe

Lot 3
Stk



wind M5-10 6/20/2011
 SA 10:20 FR 10:55
 23° 26%

Next Era Bird / Wildlife Survey Form

Study Area: Goshen Turbine Site: GESM SMN 35 Feature No.: 215
 Observers: R Tymstra Time Start: 9⁰⁰ Time Stop: 9²⁵
 Date: July 8/11 Wind: N 1 Cloud: None
 Search area/distance recorded on field map: Temp: 26°C Precip: None

Bird Species				Bird Species				Wildlife Species			
	Ev.	120 m	>120		Ev.	120 m	>120		Ev.	120 m	>120
Turkey Vulture				Yellow Warbler							
Red-tailed Hawk				Com. Yellowthroat							
Killdeer	H	1		Northern Cardinal							
Mourning Dove				Rose-br. Grosbeak							
Downy Woodpecker				Indigo Bunting	SA	3					
Northern Flicker	H	1	1	Chipping Sparrow	P	1					
E. Wood Pewee				Song Sparrow	S	2	1				
Willow Flycatcher				Savannah Sparrow							
Eastern. Phoebe											
Gr. Cr. Flycatcher				Red-wing. Blackbird							
Eastern Kingbird				Common Grackle							
Tree Swallow				Br.-head. Cowbird							
Barn Swallow				Baltimore Oriole	H	1					
Blue Jay	H	2		Am. Goldfinch	H	2					
Am. Crow	H	1		Horned Lark	H	1					
Bl.-cap. Chickadee	S	1									
White-br. Nuthatch											
House Wren											
Wood Thrush											
Am. Robin	FM	2									
Gray Catbird											
Cedar Waxwing											
E. Starling											
Warbling Vireo											
Red-eye Vireo											

Notes (e.g. basic description of habitat covered)

Beanfield / decid. woodlot edge

* record UTM for species of conservation concern.