

B2. Breeding Bird Surveys

Bluewater July 8/

Start: 8:54 Temp: 29C
End: 9:32 Cloud: 5%

Wind ~~SEB~~ ①
precip nil

White Elm
White Ash
Blackthorn
Hawthorn

* White Ash
Blackthorn
Hawthorn
KILL

Willow
Cottonwood

Apple
White Ash
in Elm
Hawthorn

Apple
Crackberry
Maple
White Ash
Glossy Bullfinch
SOUT
Alder

sosp Noor
Apple
plantain
regenerating
E-willow
Alder



AIT1
GE16-4

Ho & Soy

Corn

White Ash
Green Ash
Walnut
Silver Maple
* Fresh
Cottonwood

BARS (3)

BLW1813
39A

TRESg
RUB
Alder

BLW181

SMD
EAWP
COUR (5)
MGO (3)
RO
CEVA

Hell A
⑥

Next Era Bird / Wildlife Survey Form

Study Area: Bluewater Turbine Site: GEK-4/^{SMN}AH 1 Feature No.: 426/427/429
 Observers: ~~July 8/11~~ SM Martin Time Start: 8⁵⁴ am Time Stop: 9:32 am
 Date: July 8/11 Wind: NNE B: ① Cloud: 5%
 Search area/distance recorded on field map: Temp: 24°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				raccoon	TR	1	
Red-tailed Hawk				Com. Yellowthroat				weaver	TR	1	
Killdeer				Northern Cardinal							
Mourning Dove				Rose-br. Grosbeak							
Downy Woodpecker				Indigo Bunting							
Northern Flicker				Chipping Sparrow							
E. Wood Pewee	SM		1/	Song Sparrow							
Willow Flycatcher				Savannah Sparrow							
Eastern Phoebe				Babcock							
Gr. Cr. Flycatcher				Red-wing. Blackbird	X		1/				
Eastern Kingbird				Common Grackle							
Tree Swallow	X	5/		Br-head. Cowbird							
Barn Swallow				Baltimore Oriole							
Blue Jay				Am. Goldfinch							
Am. Crow				Horned Lark	X	4/					
Bl.-cap. Chickadee											
White-br. Nuthatch											
House Wren											
Wood Thrush											
Am. Robin											
Gray Catbird	SM		1/								
Cedar Waxwing											
E. Starling											
Warbling Vireo											
Red-eye Vireo											

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

Soy field = wheat & corn adjacent

FOD - ^(mostly) Fresh-moist Cottonwood, white ash, Green ash, Black Walnut, Silver Maple, Black Alder

Cup - Apple, regenerating with willow, ash

FOD - white Elm with white ash, Basswood + Buckthorn, Basswood

* See air photo for bird species at natural features well outside the turbine buffer.

* record UTM for species of conservation concern.

Bluewater July 8/

Start: 8:54 Temp: 29C
End: 9:32 Cloud: 5%

Wind ~~SEB~~ ①
precip nil

White Elm
White Ash
Blackthorn
Hawthorn

* White Ash
Blackthorn
Hawthorn
KILL

Willow
Cottonwood

Apple
White Ash
in Elm
Hawthorn

Wheat

Apple
Crackberry
Maple
White Ash
Glossy Buckthorn
Sour Cherry
Alder
Dogwood

Noak

Apple
plum
Pawpaw
Sycamore
Alder



Ho & Soy

Corn

White Ash
Green Ash
Walnut
Silver Maple
* Fresh
Cottonwood

BARS (3)

Hell A

EAWP
COUR (5)
MGO (5)
PRO
CEVA

BLW1813
39A

TRESg
Mango
KILL

BLW181

SWD

SWD

Next Era Bird / Wildlife Survey Form

Study Area: Bluewater Turbine Site: GEK-4/^{SMN}AH 1 Feature No.: 426/427/429
 Observers: ~~July 8/11~~ SM Martin Time Start: 8⁵⁴ am Time Stop: 9:32 am
 Date: July 8/11 Wind: NNE B: ① Cloud: 5%
 Search area/distance recorded on field map: Temp: 24°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				raccoon	TR	1	
Red-tailed Hawk				Com. Yellowthroat				weaver	TR	1	
Killdeer				Northern Cardinal							
Mourning Dove				Rose-br. Grosbeak							
Downy Woodpecker				Indigo Bunting							
Northern Flicker				Chipping Sparrow							
E. Wood Pewee	SM		1/	Song Sparrow							
Willow Flycatcher				Savannah Sparrow							
Eastern Phoebe				Babcock							
Gr. Cr. Flycatcher				Red-wing. Blackbird	X		1/				
Eastern Kingbird				Common Grackle							
Tree Swallow	X	5/		Br-head. Cowbird							
Barn Swallow				Baltimore Oriole							
Blue Jay				Am. Goldfinch							
Am. Crow				Horned Lark	X	4/					
Bl.-cap. Chickadee											
White-br. Nuthatch											
House Wren											
Wood Thrush											
Am. Robin											
Gray Catbird	SM		1/								
Cedar Waxwing											
E. Starling											
Warbling Vireo											
Red-eye Vireo											

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

soy field = wheat & corn adjacent

FOD - ^(mostly) Fresh-moist Cottonwood, white ash, Green Ash, BIR Walnut, Silver Maple, black Alder

Cup - Apple, regenerating with willow, ash

FOD - white Elm with white ash, Basswood + Buckthorn, Basswood

* See air photo for bird species at natural features well outside the turbine buffer.

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Bluewater July 8/

Start: 8:54 Temp: 29C
End: 9:32 Cloud: 5%

WIND ~~SEB~~ ①
precip nil

White Elm
White Ash
Buckthorn
A. Wood

* White Ash
Buckthorn
W. Elm
KILL

Willow
Cottonwood

SWD

dark tracks

Apple
White Ash
in Elm
Iron wood

GE16-4

AIT1

Hoop & Soy

Apple
Crackberry
Maple
White Ash
Gussy Budding
SOUT
AIT
Dogwood

Corn

sosp Noor

White Ash
Green Ash
Walnut
Silver Maple
* Fresh
Cottonwood

BARS (3)

BLW1813
39A

Apple
plantations
regenerating
E-Willow
Aldo

SWD

EAWP
COUR (5)
MGO (5)
PO
CEVA

sosp
RUB
TRESg
MANGO
KILL

BLW181

NextEra Bird / Wildlife Survey Form

Study Area: Blue Water Turbine Site: GE 16-27 Feature No.: 438/437/439
 Observers: G. Phillips Time Start: 7:50 am Time Stop: 8:20 am
 Date: May 21st 2011 Wind: ⊙ Cloud: ⊙
 Search area/distance recorded on field map: Temp: 26°C Precip: ⊙

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

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

Field (Lot 18) currently wheat. Field to south grass, hay, active with grassland birds.

* record UTM for species of conservation concern

Lot 17 Range Abutting On North
Hay

33A

Lot 18 Range Abutting On North

WOD

GE16-27

FOD

Lot 19 Range Abutting On North
Hay

25A

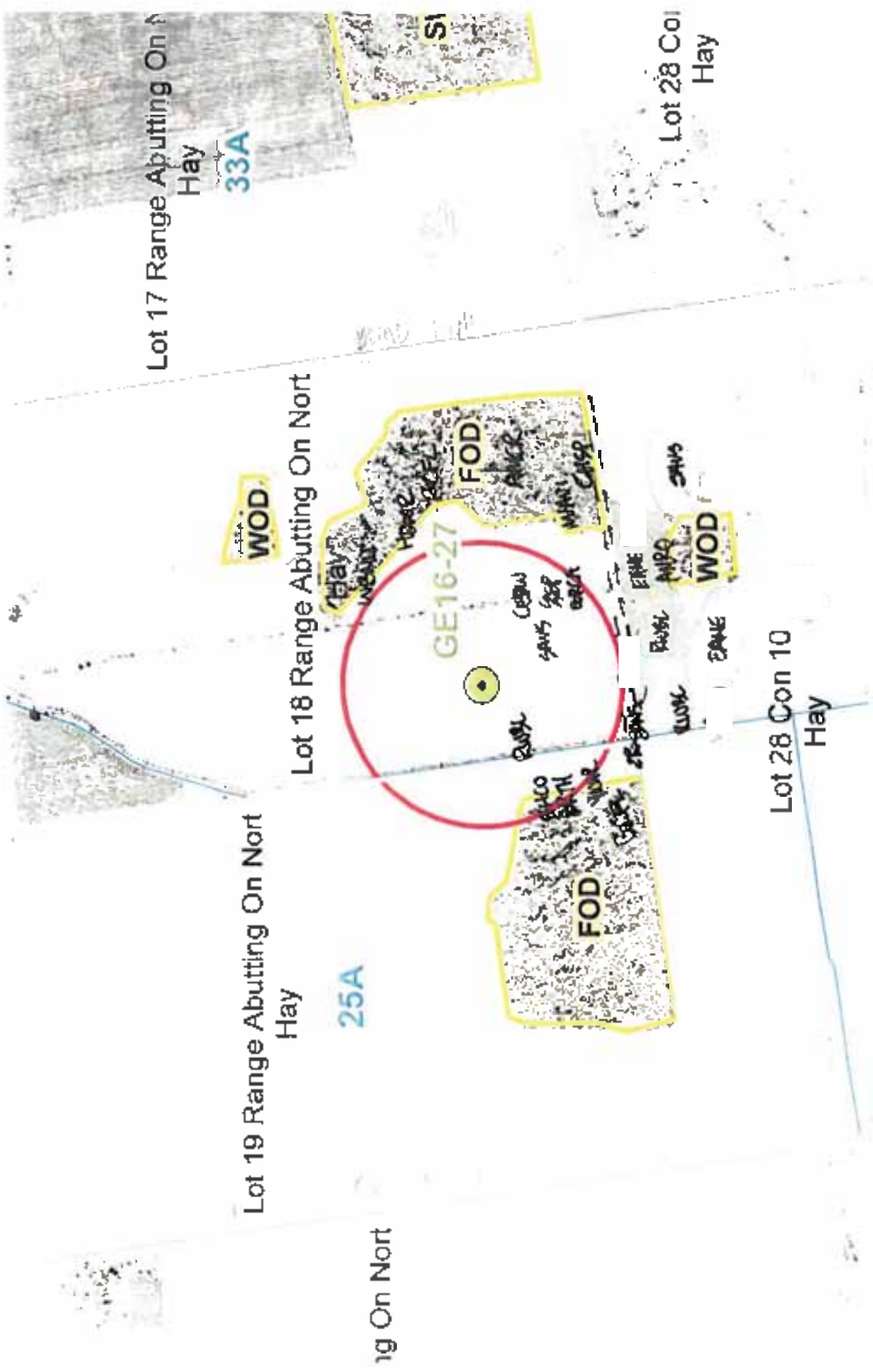
FOD

WOD

Lot 28 Con 10
Hay

Lot 28 Con 10
Hay

19 On North



NextEra Bird / Wildlife Survey Form

Study Area: Blue Water Turbine Site: GE 16-27 Feature No.: 438/437/439
 Observers: G. Phillips Time Start: 7:50 am Time Stop: 8:20 am
 Date: May 31st 2011 Wind: ⊙ Cloud: ⊙
 Search area/distance recorded on field map: Temp: 26°C Precip: ⊙

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

Notes (e.g. basic description of habitat covered)
Field (Lot 18) currently wheat. Field to south grass, hay, active with grassland birds.

* record UTM for species of conservation concern

Lot 17 Range Abutting On North
Hay

33A

Lot 18 Range Abutting On North

WOD

GE16-27

FOD

Lot 19 Range Abutting On North
Hay

25A

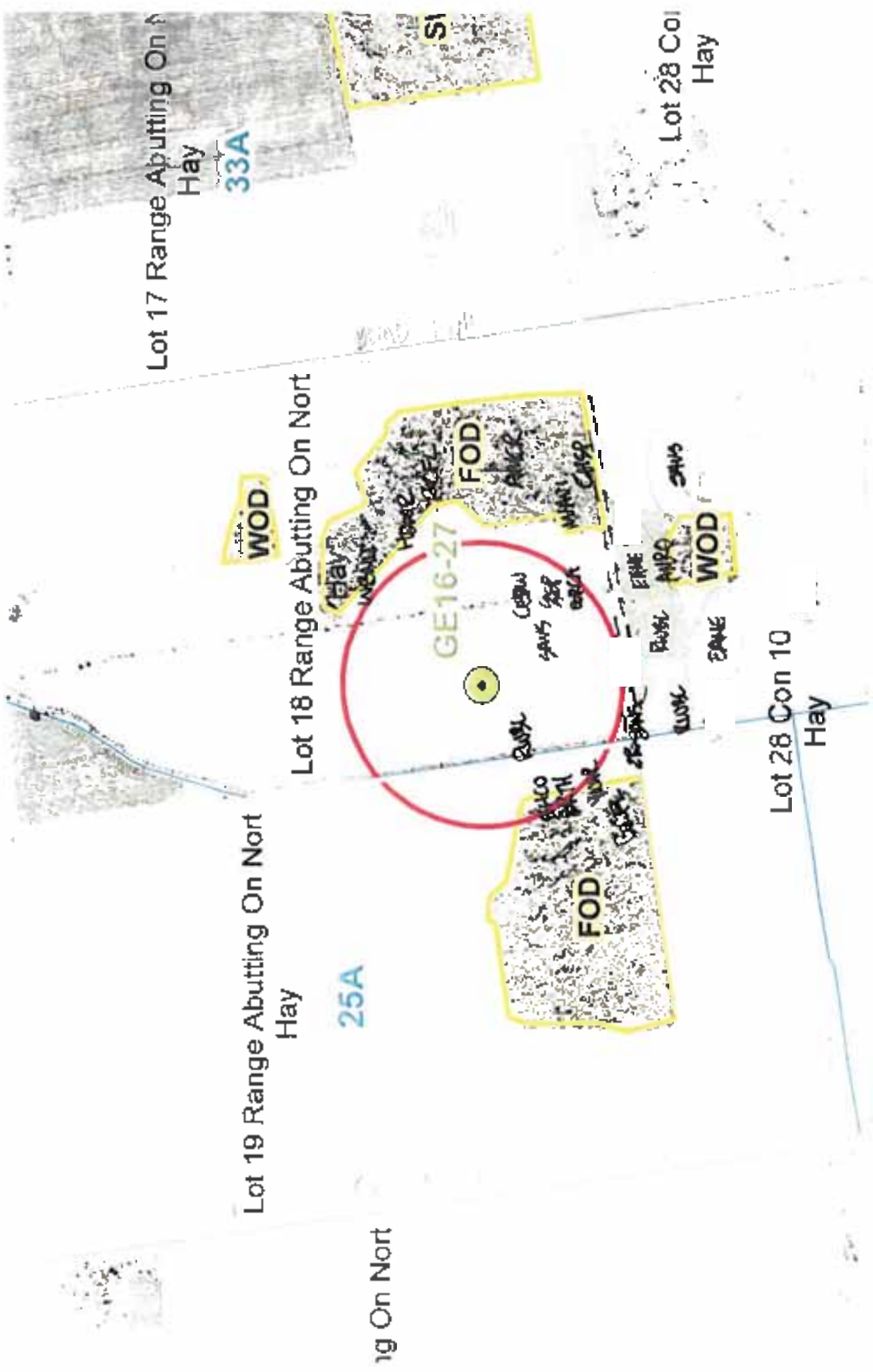
FOD

WOD

Lot 28 Con 10
Hay

Lot 28 Con 10
Hay

19 On North



Next Era Bird / Wildlife Survey Form

Study Area: BLW Turbine Site: GE16-27 Feature No.: ~~4252/4257/4259~~
 Observers: R. Cochran Time Start: 8:21 Time Stop: 9:40
 Date: 6/21/2011 Wind: 1-5 B-1 Cloud: 60%
 Search area/distance recorded on field map: Temp: 20' Precip: _____

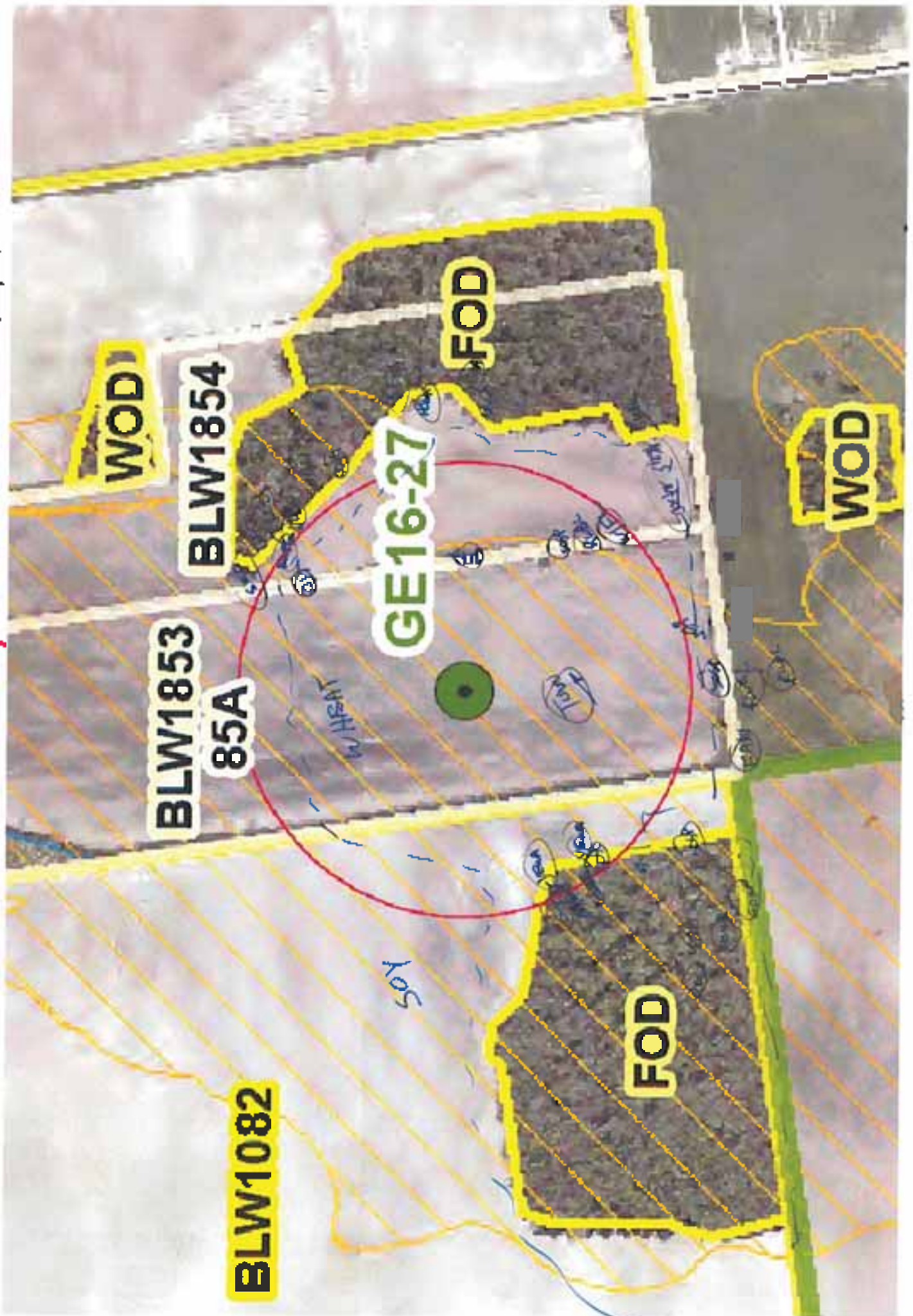
Bird Species	Ev.	120 m	>120	Bird Species	Ev.	120 m	>120	Wildlife Species	Ev.	120 m	>120
Turkey Vulture	X	✓		Yellow Warbler	S	✓	✓	gopher frog	VO	✓	
Red-tailed Hawk				Com. Yellowthroat	S		✓	garter snake	OB		✓
Killdeer				Northern Cardinal							
Mourning Dove				Rose-br. Grosbeak	S		✓				
Downy Woodpecker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

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

* record UTM for species of conservation concern.

6/21/2011
4:08:21
20' 1-5 scale of 200'

new layout



BLW1082

BLW1853

85A

BLW1854

GE16-27

FOD

FOD

WOD



NextEra Bird / Wildlife Survey Form

Study Area: Blue Water Turbine Site: GE 16-27 Feature No.: 438/437/439
 Observers: G. Phillips Time Start: 7:50 am Time Stop: 8:20 am
 Date: May 21st 2011 Wind: ⊖ Cloud: ⊖
 Search area/distance recorded on field map: Temp: 26°C Precip: ⊖

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

Notes (e.g. basic description of habitat covered)
Field (Lot 18) currently wheat. Field to south grass, hay, active with grassland birds.

* record UTM for species of conservation concern

Lot 17 Range Abutting On North
Hay

33A

Lot 18 Range Abutting On North

WOD

GE16-27

FOD

Lot 19 Range Abutting On North
Hay

25A

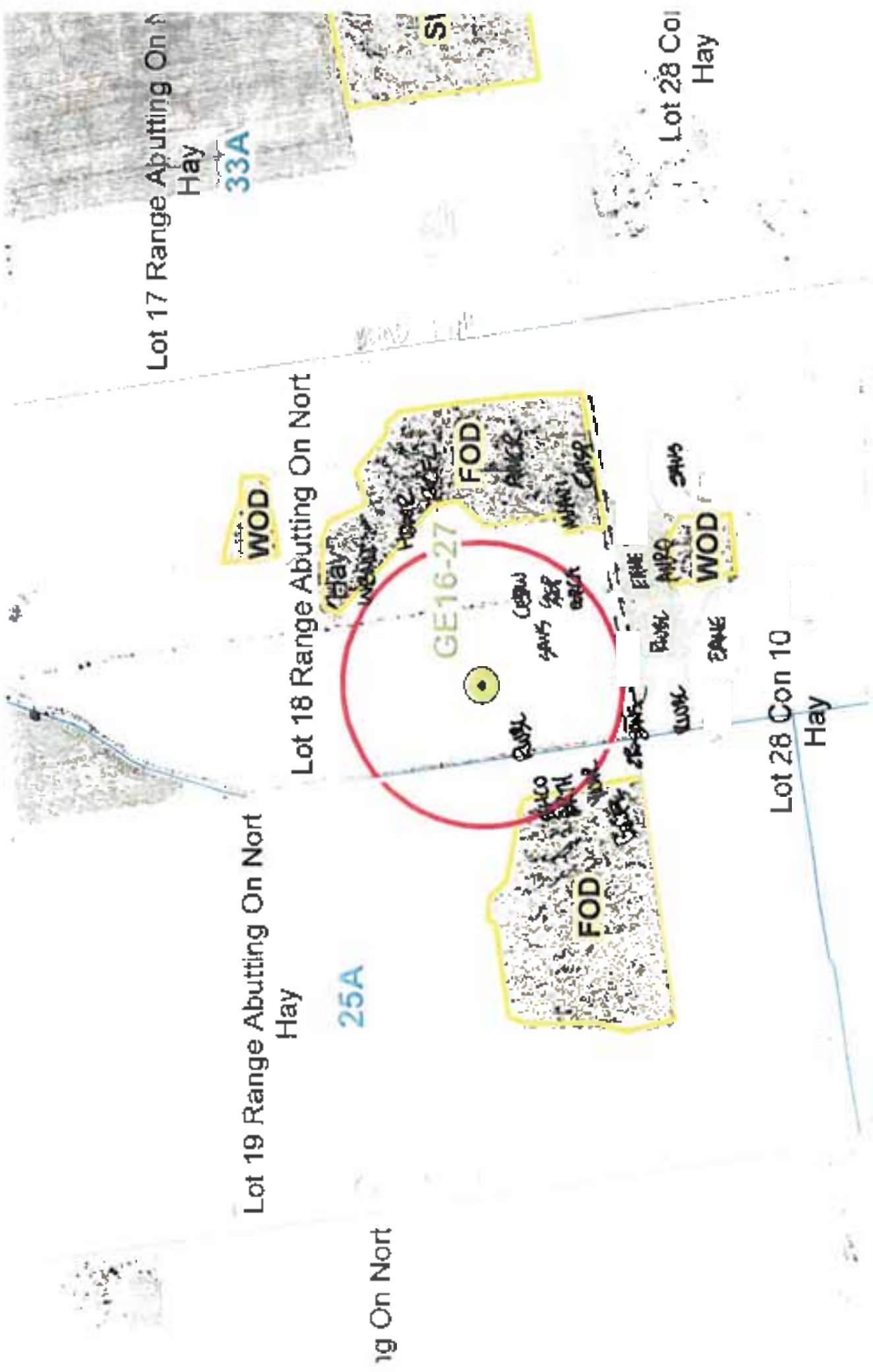
FOD

WOD

Lot 28 Con 10
Hay

Lot 28 Con 10
Hay

19 On North



Next Era Bird / Wildlife Survey Form

Study Area: BLW Turbine Site: GE16-27 Feature No.: ~~4252/4257/4259~~
 Observers: R. Cochran Time Start: 8:21 Time Stop: 9:40
 Date: 6/21/2011 Wind: 1-5 B-I Cloud: 60%
 Search area/distance recorded on field map: Temp: 20' Precip: _____

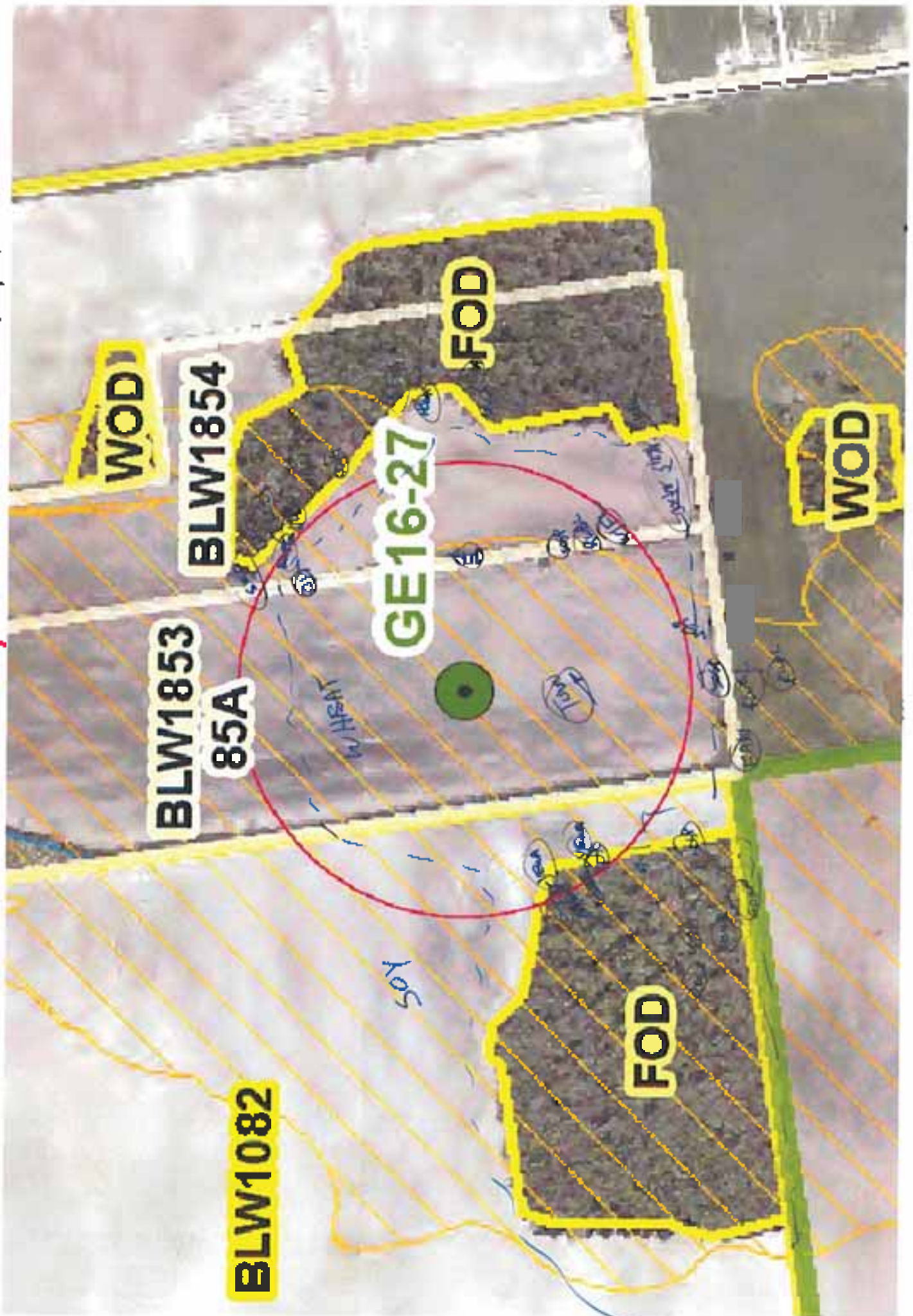
Bird Species	Ev.	120 m	>120	Bird Species	Ev.	120 m	>120	Wildlife Species	Ev.	120 m	>120
Turkey Vulture	X	✓		Yellow Warbler	S	✓	✓	gray frog	VO	✓	
Red-tailed Hawk				Com. Yellowthroat	S		✓	garter Snake	OB		✓
Killdeer				Northern Cardinal							
Mourning Dove				Rose-br. Grosbeak	S		✓				
Downy Woodpecker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

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

* record UTM for species of conservation concern.

6/21/2011
4:08:21
20' 1-5 scale of 200'

new layout



Next Era Bird / Wildlife Survey Form

Study Area: BLW Turbine Site: GE25-4/5-13 Feature No.: 400/403

Observers: R. Conahan Time Start: 6:45 Time Stop: 7:30

Date: 6/21/2011 Wind: 3-5 B-I Cloud: 75%

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

Bird Species				Bird Species				Wildlife Species			
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				Corn Yellowthroat							
Killdeer				Northern Cardinal							
Mourning Dove				Rose-br Grosbeak							
Downy Woodpecker				Indigo Bunting	S	* ✓	* ✓				
Northern Flicker				Chipping Sparrow							
E Wood Pewee				Song Sparrow	S	* * ✓					
Willow Flycatcher				Savannah Sparrow	S	* * ✓					
Eastern Phoebe				Bobolink							
Gr Cr Flycatcher	S	* * ✓		Red wing Blackbird	S	* ✓					
Eastern Kingbird	S	* ✓		Common Grackle							
Tree Swallow				Br.-head Cowbird							
Barn Swallow				Baltimore Oriole	S/A	* ✓					
Blue Jay	alt	* ✓		Am Goldfinch	S/A	* ✓					
Am Crow				Horned Lark	S/A	* ✓	* * ✓				
Bl-cap Chickadee				Veery Sparrow	NE	* ✓					
White br Nuthatch				Eastern Bluebird	S	* ✓					
House Wren	S	* * ✓		Quailbird	S	* * ✓					
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.

Bluewater
new layout

6/21/2011
170 4C 75% wind 35 mph
SMB → 7:30

HOLD

V1022

Y212

HOLD

GE25-4 13

V252



HOLD
P-net

SMB

SMB

SMB

SMB

SMB

SMB

SMB

SMB

SMB

SMB

SMB

SMB

SMB

SMB

SMB

SMB

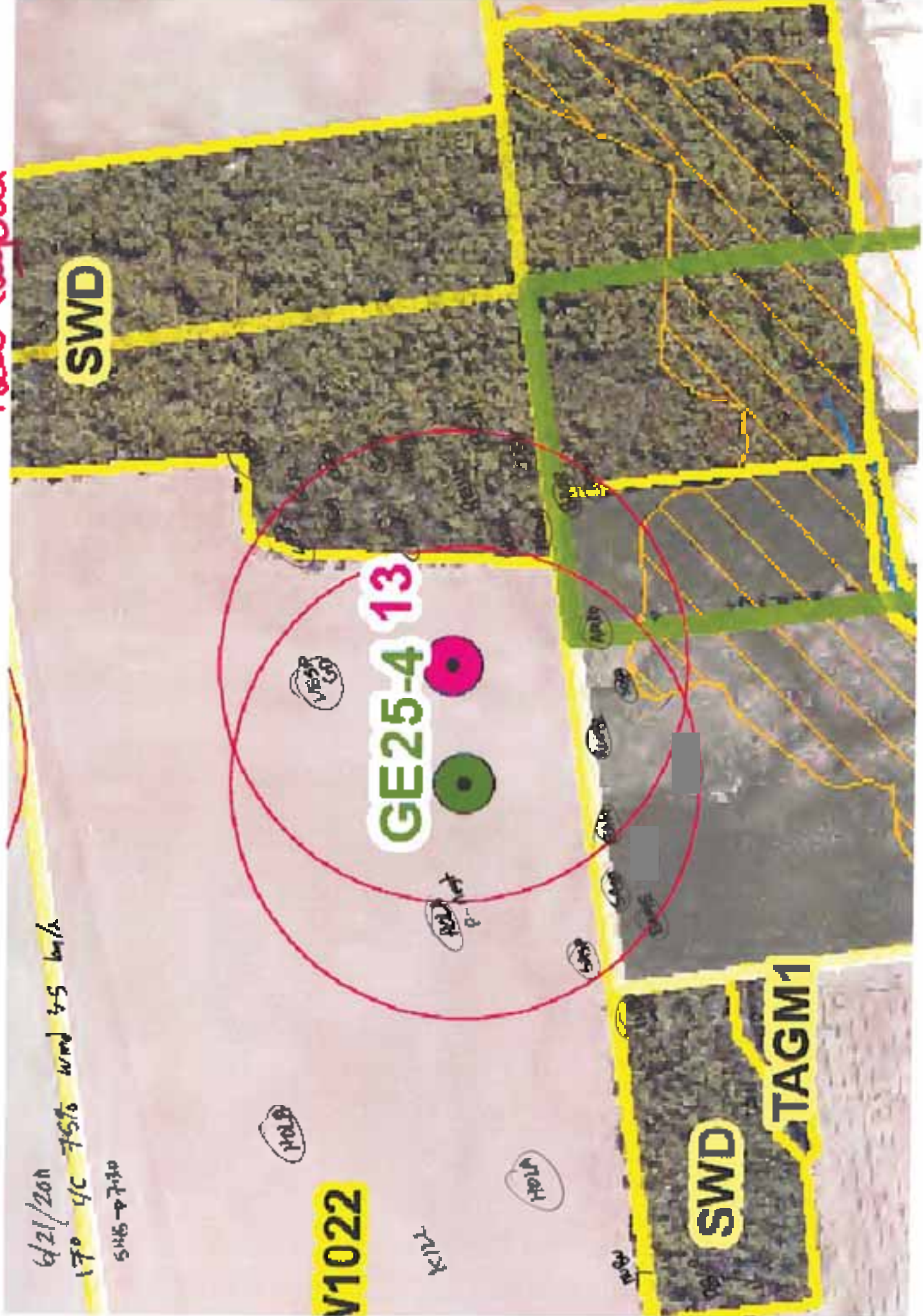
SMB

SMB

SWD

TAGM1

SWD



Next Era Bird / Wildlife Survey Form

Study Area: BLW Turbine Site: S-4 Feature No.: 457

Observers: R. Tymstra Time Start: 5:20 Time Stop: 6:00

Date: 6/27/2011 Wind: Calm Cloud: 0%

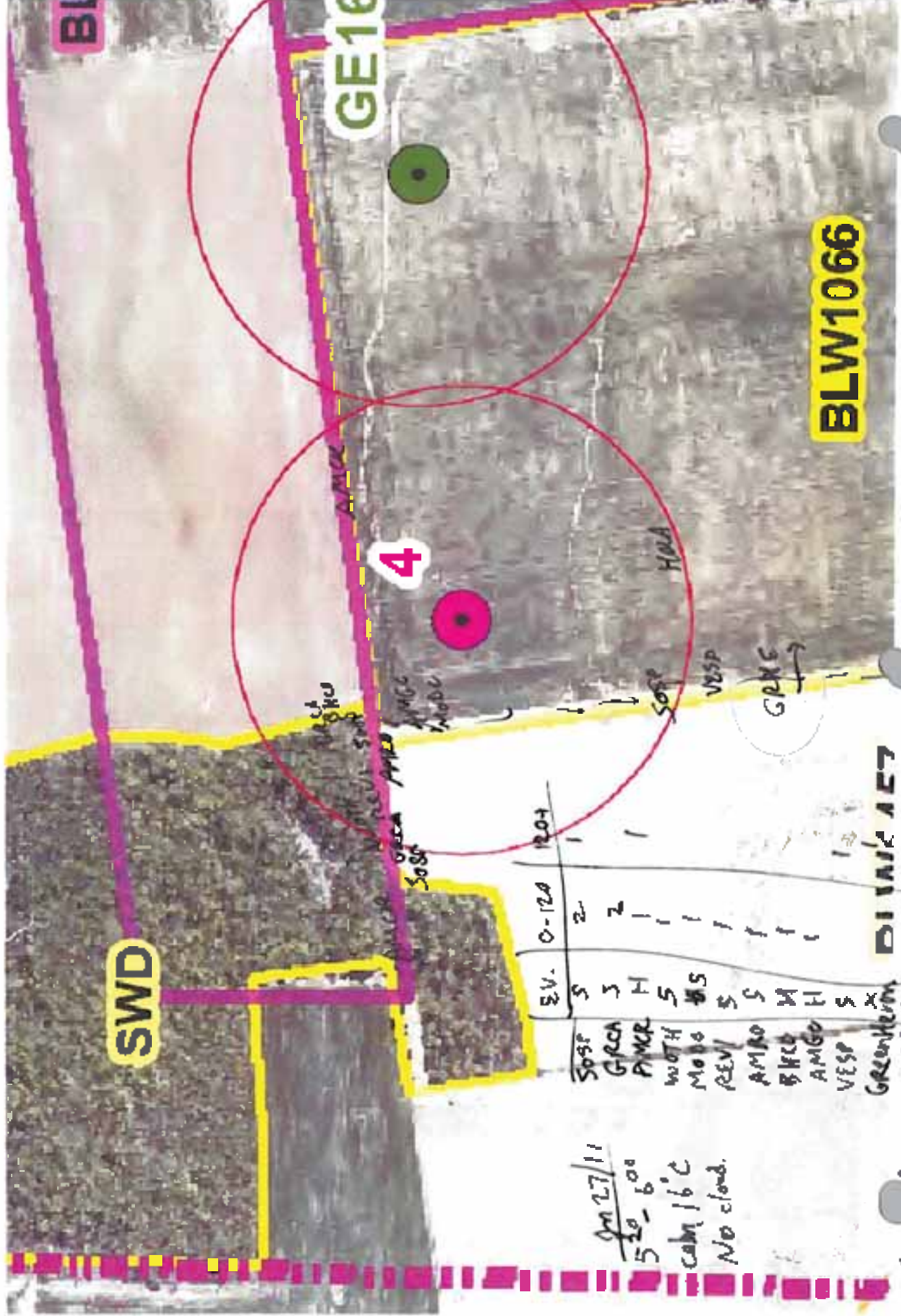
Search area/distance recorded on field map: Temp: 16° Precip: _____

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	S	1 ✓		Rose-br Grosbeak							
Downy Woodpecker				Indigo Bunting							
Northern Flicker				Chipping Sparrow							
E. Wood Pewee				Song Sparrow	S	2 ✓	1 ✓				
Willow Flycatcher				Savannah Sparrow							
Eastern Phoebe				Bobolink							
Gr Gr Flycatcher				Red-wing Blackbird							
Eastern Kingbird				Common Grackle							
Tree Swallow				Bl-head Cowbird	H	1 ✓					
Bank Swallow				Baltimore Oriole							
Blue Jay				Am. Goldfinch	H	1 ✓					
Am Crow	H	1 ✓	1 ✓	VEBP	S		1 ✓				
Bl-cap. Chickadee				Green Heron	X		1 ✓				
White-br Nuthatch				Hairy Woodpecker	H	1 ✓					
House Wren											
Wood Thrush	S	1 ✓									
Am Robin	S	1 ✓									
Gray Catbird	S	2 ✓									
Cedar Waxwing											
E Starling											
Warbling Vireo											
Red-eye Vireo	S	1 ✓									

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

* record N/A for species of conservation concern

New layout



BI

GE16

BLW1066

4

SWD

	EV.	0-12A	12-04
SOSP	S	2	1
GRCA	S	2	1
PMKR	H	1	1
WOTH	S	1	1
MODO	MS	1	1
REVI	S	1	1
AMRO	S	1	1
BRCA	M	1	1
AMGO	H	1	1
VESP	S	1	1
Greenherm	X		
HOLA	H		

DI VAJK A E7

Am 27/11
5:20-6:00
cabin 16°C
No cloud.

R.F. YMSIRA

Next Era Bird / Wildlife Survey Form

Study Area: Bluewater Turbine Site: SNW-4 (new) Feature No.: 457
 Observers: Scott Martin Time Start: 7:53 am Time Stop: 8:42 am
 Date: July 8/11 Wind: 0 Cloud: 0
 Search area/distance recorded on field map: Temp: 22C 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 ✓	W-T Deer	TK	1	
Red-tailed Hawk				Com Yellowthroat							
Killdeer				Northern Cardinal	SM	1 ✓					
Mourning Dove				Rose-br Grosbeak	SM	1 ✓					
Downy Woodpecker				Indigo Bunting	SM	1 ✓	1 ✓				
Northern Flicker				Chipping Sparrow							
C Wood Pewee	SM		1 ✓	Song Sparrow	DD	6 ✓					
Willow Flycatcher				Savannah Sparrow							
Eastern Phoebe				Bobolink							
Gr Cr Flycatcher				Redwing Blackbird	X	7 ✓					
Eastern Kingbird				Common Grackle							
Tree Swallow				B-head Cowbird	X	1 ✓	1 ✓				
Barn Swallow	X	2 ✓		Baltimore Oriole	SM		1 ✓				
Blue Jay				Ar Goldfinch	X	1 ✓					
Am Crow	X			Great Blue Heron	X		1 ✓				
Bl-cap Chickadee				Black-billed Cuckoo	SM		1 ✓				
White-br. Nuthatch				Brown Thrasher		1 ✓					
House Wren	SM	1 ✓		WILD Turkey	X	1 ✓					
Wood Thrush				Rufous-sided Towhee	SM	1					
Am Robin											
Gray Catbird	SM		1 ✓								
Cedar Waxwing	SM	1 ✓	1 ✓								
E Starling											
Warbling Vireo											
Red-eyed Vireo	SM	1 ✓									

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

- Corn & Wheat fields
- FOD - Beech, Basswood, white Ash
- May Apple, Smooth Currant, Jack-in-the-pulpit, Wt. Barberry, zig-zag goldenrod, Long-stem Bellwort
- SWP/MAH inclusion - Cotton wood, Black Elder, R/R Bulrush, Red Canary, Hack, Blue Cohosh, Phragmites, Fowl Manns

* record LFM for species of conservation concern.

NextEra Bird / Wildlife Survey Form

Study Area: Bluewater Turbine Site: GE 16-13 Feature No.: 463/480
 Observers: Rob Tymstra Time Start: 5²⁰ Time Stop: 5⁵⁵
 Date: June 26/11 Wind: S-1 Cloud: None
 Search area/distance recorded on field map: Temp: 15°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	S	2					
Killdeer				Northern Cardinal							
Mourning Dove	S	1		Rose-br Grosbeak							
Downy Woodpecker				Indigo Bunting	S	2	1				
Northern Flicker				Chipping Sparrow							
E Wood Pewee				Song Sparrow	S	2	1				
Willow Flycatcher				Savannah Sparrow	S						
Eastern Phoebe				Babcock							
Gr Cr Flycatcher				Red-wing Blackbird	S	1					
Eastern Kingbird	S	1		Common Grackle	H	1					
Tree Swallow				Br-head Cowbird	H	1					
Barn Swallow				Baltimore Oriole							
Blue Jay				Am Goldfinch	S	1	1				
Am Crow	H	1		Brown Thrasher	A	1					
B. cap. Chickadee	H	1		Coopers Hawk	H	1					
White-br Nuthatch				Horned Lark	H	1					
House Wren											
Wood Thrush	S	2	1								
Am Robin	S	1									
Gray Catbird	S	1									
Cedar Waxwing	H	1									
E Starling											
Warbling Vireo											
Red-eye Vireo											

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

* record UTM for species of conservation concern

Next Era Bird / Wildlife Survey Form

Study Area: Bluewater Turbine Site: GE 10-13 Feature No.: 963/400
 Observers: Scott Martin Time Start: 10:36 am Time Stop: 11:04 am
 Date: July 7/11 Wind: NW B: ① Cloud: 80%
 Search area/distance recorded on field map: Temp: 21°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				Raccoon	TK	1	
Red-tailed Hawk				Corn Yellowthroat							
Killdeer				Northern Cardinal							
Mourning Dove				Rose-br. Grosbeak	SM		1 ✓				
Downy Woodpecker	SM	2 ✓		Indigo Bunting							
Northern Flicker	SM	1 ✓		Chipping Sparrow	SM	1 ✓					
E. Wood Pewee	SM		2 ✓	Song Sparrow	SM	1 ✓					
Willow Flycatcher				Savannah Sparrow	SM	2 ✓					
Eastern Phoebe				Bobolink							
Gr. Cr. Flycatcher	SM	1 ✓		Red-wing Blackbird							
Eastern Kingbird				Common Grackle							
Tree Swallow				Bri. head. Cowbird	X	2 ✓					
Barn Swallow				Baltimore Oriole	CF	5 ✓					
Blue Jay	SM	1 ✓	1 ✓	Am. Goldfinch	H	1 ✓					
Am. Crow				Red-bellied							
Bl.-cap. Chickadee				Woodpecker	SM		2 ✓				
White-br. Nuthatch				Eastern Meadowlark	SM	1 ✓					
House Wren	SM	1 ✓	1 ✓	Pileated Woodpecker	SM	1 ✓					
Wood Thrush	SM		3 ✓	Yellow-Throated Vireo	SM	1 ✓					
Am. Robin	P	2 ✓	1 ✓								
Gray Catbird	SM	1 ✓									
Cedar Waxwing	SM	5 ✓									
E. Starling											
Warbling Vireo											
Red-eye Vireo											

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

Soy fields, corn field, wheat field

FOD - Sugar Maple, Beech, Ironwood, White Ash, Black cherry w/ white hollyhock, starved aster, may apple, Jack-in-the-Box, Blue Cohosh, Bloodroot, hepatica, Trilliums, wild leek

- Tallgrass meadow (MMA?) in NW corner of turbine buffer @ creek - area is alive with bird activity

* record UTM for species of conservation concern.
 - uncultivated TAGM along drainage areas through centre & east of buffer (lower slope)

FCD
 Sugar Maple
 Beech
 Ironwood
 White Ash
 Black Cherry

- seeps along creek valley slope

- s. hardwood forest
 - Ench. N. g. h. shade
 - Junco sp.
 - Jack Snipe
 - Blue Jay
 - Blue Jay

BLW15

Soya

CE19-13

SAB

MEM

This Corn is actually
 native - native
 planted after
 1800 - 1850 (Corn)
 Field Corn

Black
 native
 tall grass
 prairie
 Corn

Wheat

ENTRANCE

Corn

Bluewater

BLW

July 7/11
 Start 10:36 End 11:04 am
 Temp 21°C Wind NW 20
 Cloud 80% Precip Nil

- Saw 8 RB60 birds
 Feb by 0/1000



NextEra Bird / Wildlife ^{done} Survey Form

Study Area: Bluewater Turbine Site: S-12 ^{(with GE 25-3) - separate data sheet} Feature No.: 469
 Observers: R. Tymstra Time Start: 9:40 Time Stop: 10:30
 Date: July 1/11 Wind: SE-2 Cloud: None
 Search area/distance recorded on field map: Temp: 19°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	S		1 ✓				
Killdeer				Northern Cardinal							
Mourning Dove				Rose-br Grosbeak	S	3 ✓					
Downy Woodpecker				Indigo Bunting	S	2 ✓					
Northern Flicker	H	2 ✓		Chipping Sparrow							
E Wood Pewee	S	1 ✓		Song Sparrow	S	2 ✓	1 ✓				
Willow Flycatcher	S	1	1 ✓	Savannah Sparrow	S	1 ✓	1 ✓				
Eastern Phoebe											
Gr. Cr Flycatcher				Red-wing Blackbird	H	2 ✓					
Eastern Kingbird				Common Grackle							
Tree Swallow	H	1 ✓		Br-head Cowbird	H	1 ✓					
Jay Swallow				Baltimore Oriole	H	1 ✓					
Blue Jay				Am Goldfinch	H	2 ✓					
Am Crow				Red-bellied Woodpecker	H	1 ✓					
Bl cap Chickadee											
White-br Nuthatch											
House Wren	S	1 ✓									
Wood Thrush	H	1 ✓									
Am Robin	S	2 ✓									
Gray Catbird											
Cedar Waxwing	H	1 ✓									
E Starling											
Warbling Vireo											
Red-eye Vireo											

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

Wheat field with maple woodlot

* record UTM for species of conservation concern.

Next Era Bird / Wildlife Survey Form

Study Area: Bluewater Turbine Site: SMN-12 Feature No.: 463
 Observers: Scott Martin Time Start: 7:17am Time Stop: 8:13am
 Date: July 10/11 Wind: SW 8: 1-2 Cloud: 90%
 Search area/distance recorded on field map: Temp: 23C Precip: nil

Bird Species	Ev.	120 m	>120	Bird Species	Ev.	120 m	>120	Wildlife Species	Ev.	120 m	>120
Turkey Vulture				Yellow Warbler				WT Ours	TR	1	
Red-tailed Hawk				Com Yellowthroat	SM	1 ✓					
Killdeer				Northern Cardinal							
Mourning Dove				Rose-br Grosbeak	SM	1 ✓	1 ✓				
Downy Woodpecker				Indigo Bunting	SM	3 ✓					
Northern Flicker				Chipping Sparrow							
E. Wood Pewee	SM	1 ✓		Song Sparrow	SM	4 ✓	1 ✓				
Willow Flycatcher				Savannah Sparrow	SM	1 ✓					
Eastern Phoebe				Boblink							
Gr Cr Flycatcher	SM		1 ✓	Red-wing Blackbird							
Eastern Kingbird				Common Grackle	X	1 ✓					
Tree Swallow				Br-head Cowbird							
Barn Swallow				Baltimore Oriole							
Blue Jay				Am Goldfinch	SM	3 ✓					
Am Crow											
Bl-cap Chickadee											
White-br Nuthatch											
House Wren	SM	3 ✓									
Wood Thrush	SM	2 ✓									
Am Robin											
Gray Catbird	SM		1 ✓								
Cedar Waxwing	X	2 ✓									
E. Starling											
Warbling Vireo											
Red eye Vireo											

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

Wheat & Soy fields

- hay in field adjacent to NE quadrant of turbine buffer (freshly cut)

NAM - Goldenrod, Ranunculus, Black Bulrush, Red-osier Dogwood

FOD - (dry) ^{midway} - Sugar Maple, White Ash, Ironwood - Blue Beech + Black Cherry, Zig Zag Goldenrod,

Woodland Strawberry, Jack-in-the-pulpit, Cane Sp.

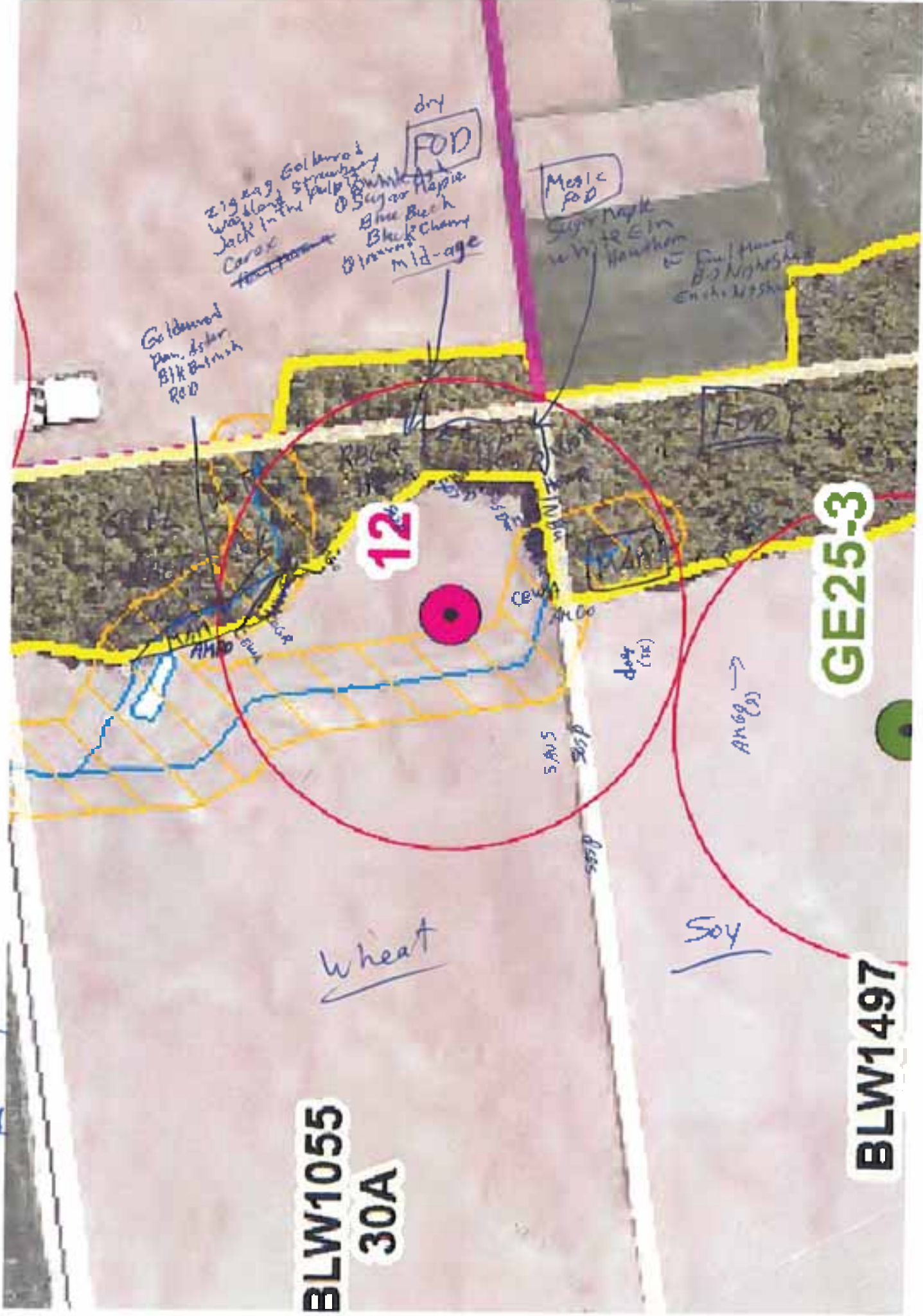
FOD - moist/moist - Sugar Maple, White Elm, Hawthorn

* record UTM for species of conservation concern

Bluewater
July 10

End 8:30 am

Temp: 21 - Cloud: 10/10
Wind: SW / B (2) gusty mit



Goldenrod
Pan. Aster
Blk. Birch
Red

dry
FOD
Zigzag Goldenrod
Wax plant
Jack-in-the-box
Carax
White Top
Blue Beech
Black Cherry
Mid-age

Mesic
FOD

Sugar Maple
White Elm
Hawthorn
Full Moon
B. Nighthawk
Ench. Nighthawk

12

GE25-3

BLW1055
30A

BLW1497

dry (ric)

Angg →

NextEra Bird / Wildlife Survey Form

Study Area: Bluemwater Turbine Site: GE25-3 Feature No.: 463
 Observers: R. Tymstra Time Start: 9:46 Time Stop: 10:30
 Date: July 1/11 Wind: SE-2 Cloud: None
 Search area/distance recorded on field map: Temp: 19°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	H	I	✓				
Downy Woodpecker				Indigo Bunting							
Northern Flicker	H		I ✓	Chipping Sparrow							
E. Wood Pewee	S	I	✓	Song Sparrow							
Willow Flycatcher				Savannah Sparrow							
Eastern Phoebe				Boblink							
Gr Cr Flycatcher	S	I	✓	Red-wing Blackbird							
Eastern Kingbird				Common Grackle							
Tree Swallow	H	I	✓	Br-head Cowbird							
Fawn Swallow				Baltimore Oriole							
Blue Jay				Am Goldfinch							
Am Crow	H	I	✓								
Bl-cap Chickadee											
White br Nuthatch											
House Wren	S	I	✓								
Wood Thrush	CP	I	✓								
Am Robin	S	I	✓								
Gray Catbird											
Cedar Waxwing	H	I	✓								
E. Starling											
Warbling Vireo											
Red-eye Vireo	S	I	✓								

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

Beanfield & decid. woodlot on circle edge (maple forest)

* record GTH for species of conservation concern

SWD

GE253

BEMIS

**BLW1497
78A**



Next Era Bird / Wildlife Survey Form

Study Area: Bluewater Turbine Site: GE 25-3 Feature No.: 463
 Observers: Scott Martin Time Start: 7:17 am Time Stop: 8:23 am
 Date: July 10/11 Wind: SW B. 1-2 Cloud: 90%
 Search area/distance recorded on field map: Temp: 23°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				Wt Deer	TK		1
Red-tailed Hawk				Com Yellowthroat							
Killdeer				Northern Cardinal							
Mourning Dove				Rose-br Grosbeak							
Downy Woodpecker				Indigo Bunting	SM		1 ✓				
Northern Flicker				Chipping Sparrow							
E Wood Pewee				Song Sparrow	SM	2	3 ✓				
Widow Flycatcher				Savannah Sparrow							
Eastern Phoebe				Bobolink							
Gr Cr Flycatcher				Red-wing Blackbird							
Eastern Kingbird				Common Grackle							
Trop Swallow				Bl-head Cowbird							
Barn Swallow				Baltimore Oriole							
Blue Jay				Am Goldfinch	H	2 ✓	1 ✓				
Am Crow				Horned Lark		1 ✓					
Bl-cap Chickadee											
White-br Nuthatch											
House Wren	SM		3 ✓								
Wood Thrush											
Am Robin	SM		1 ✓								
Gray Catbird											
Cedar Waxwing											
E Starling											
Warbling Vireo											
Red-eye Vireo	SM		1 ✓								

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

Soybean & wheat fields; soy in field to east of FOD, which is east of turbine buffer
- Open Mtn to North of turbine buffer, where water course enters forest
- 3-8m wide buffer along creek, throughout forest, of Jewelweed, Fruit Flannc, Canada Blue junc, Carex spp; creek has flow at this time
- Creek shaded by Sugar Maple Canopy of FOD - slopes/valley & seeps

* record UHI for species of conservation concern.

NextEra Bird / Wildlife Survey Form

Study Area: Blue Water Turbine Site: GE25-4 Feature No.: 450/463
 Observers: G. Phillips Time Start: 5:55 am Time Stop: _____
 Date: May 30th 2011 Wind: 2 Cloud: 20
 Search area/distance recorded on field map: Temp: 16.0 Precip: 0

Bird Species	Ev.	120 m	>120	Bird Species	Ev.	120 m	>120	Wildlife Species	Ev.	120 m	>120
Turkey Vulture				Yellow Warbler	S		1 ✓	DEER	DB	L	
Red-tailed Hawk				Com Yellowthroat							
Killdeer				Northern Cardinal							
Mourning Dove	X		1 ✓	Rose-br Grosbeak							
Downy Woodpecker				Indigo Bunting	X	1 ✓					
Northern Flicker	S		1 ✓	Chipping Sparrow							
E Wood Pewee	S	1 ✓	1 ✓	Song Sparrow	S	1 ✓					
Willow Flycatcher				Savannah Sparrow	GF	1 ✓					
Eastern Phoebe											
Gr Cr Flycatcher	S		1 ✓	Red-wing Blackbird	S	2 ✓					
Eastern Kingbird				Common Grackle							
Tree Swallow				Br-head Cowbird	X	1 ✓					
Iain Swallow				Baltimore Oriole	S	1 ✓					
Blue Jay				Am Goldfinch	X		2 ✓				
Am Crow	X	2 ✓		WOOD DUCK	P	1 ✓					
Bl-cap Chickadee				Golden-crowned Kinglet	X	2					
White-br Nuthatch				YB Sapsucker	S	1 ✓					
House Wren				Brown Thrasher	S	1 ✓					
Wood Thrush	S	1 ✓	1 ✓	White-throated Sparrow	S						
Am Robin	X		1 ✓	Veery Sparrow	S	1 ✓					
Gray Catbird											
Cedar Waxwing	X	2 ✓									
E Starling											
Warbling Vireo											
Red-eye Vireo	S	2 ✓	1 ✓								

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

Fields to south divided half Wheat and Grass.

* record UTM for species of conservation concern.

new layout: GE25-4, S14

Stanley

53A

Lot 3 Con 11
Stanley

SWD

GE25-4 14

64C

Lot 3 Con 12
Stanley

HOLA

SWD

TAGM1

MAM

Lot 23 Range Abutting On Sout
Stanley

64B

Lot 22 Range Abutting On Sout
Stanley

Lot 21 Range Abutting On Si
Stanley

Green Rd

WESP

HOLA

WESP

SWD

SWD

SWD

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Next Era Bird / Wildlife Survey Form

Study Area: BLW Turbine Site: GE25-4/5-13 Feature No.: 400/403

Observers: R. Cochran Time Start: 5:45 Time Stop: 7:30

Date: 6/21/2011 Wind: 3-5 B-I Cloud: 75%

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

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				Northern Cardinal							
Mourning Dove				Rose-br. Grosbeak							
Downy Woodpecker				Indigo Bunting	S	* ✓	* ✓				
Northern Flicker				Chipping Sparrow							
H. Wood Pewee				Song Sparrow	S	* ✓					
Willow Flycatcher				Savannah Sparrow	S	* ✓					
Eastern Phoebe											
Gr. Cr. Flycatcher	S	* ✓		Red-wing Blackbird	S	* ✓					
Eastern Kingbird	S	* ✓		Common Grackle							
Tree Swallow				Br. head Cowbird							
Barn Swallow				Baltimore Oriole	S/A	* ✓					
Blue Jay	S/A	* ✓		Am. Goldfinch							
Am. Crow				Horned Lark	S/A	* ✓	* ✓				
Bl.-cap. Chickadee				Vesper Sparrow	NE	* ✓					
White-br. Nuthatch				Eastern Meadowlark	S	* ✓					
House Wren	S	* ✓		Ovebird	S	* ✓					
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.

New layout: same feature as new GE 20-2, 21-2 but dif. location

NextEra Bird / Wildlife Survey Form

Study Area: Blue Water Turbine Site: GE25-2 Feature No.: 460
 Observers: G. Phillips Time Start: 7:00 am Time Stop: 9:25 am
 Date: May 25th 2011 Wind: R4 Cloud: 100
 Search area/distance recorded on field map: Temp: 14°C Precip: 0

Bird Species	Ev.	120 m	>120	Bird Species	Ev.	120 m	>120	Wildlife Species	Ev.	120 m	>120
Turkey Vulture	X		4 ✓	Yellow Warbler				JERR	TK	1	
Red-tailed Hawk	X		1 ✓	Com. Yellowthroat				COYOTE	TK	1	
Killdeer				Northern Cardinal							
Mourning Dove				Rose-br. Grosbeak							
Downy Woodpecker				Indigo Bunting	S	1 ✓					
Northern Flicker	S	1 ✓		Chipping Sparrow							
E. Wood Pewee	S	1 ✓		Song Sparrow	S	1 ✓					
Willow Flycatcher				Savannah Sparrow							
Eastern Phoebe											
Gr. Cr. Flycatcher				Red-wing Blackbird	S	1 ✓					
Eastern Kingbird	X	1 ✓		Common Grackle							
Tree Swallow				Br. head Cowbird	X	1 ✓					
Farm Swallow	X	18 ✓		Baltimore Oriole							
Blue Jay				Am. Goldfinch	X	1 ✓					
Am. Crow				Spotted Sandpiper	S	1 ✓					
Bl. cap. Chickadee				Cliff Swallow	X	1 ✓					
White-br. Nuthatch				Cliff Swallow	X	1 ✓					
House Wren				Bank Swallow	X	1 ✓					
Wood Thrush	S	1 ✓	1 ✓	Mallard	X	1 ✓					
Am. Robin	S	1 ✓		Horned Lark	S	1 ✓					
Gray Catbird											
Cedar Waxwing											
E. Starling											
Warbling Vireo											
Red-eye Vireo	S	2 ✓									

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

Red-tailed Hawk was same individual from sister site GE25-1.
 Swallows using shelter of woodlot to catch flying insects (sheltering from wind).

* record UTM for species of conservation concern

Next Era Bird / Wildlife Survey Form

Study Area: BLW Turbine Site: GE 25-2 Feature No.: 468

Observers: R. Tymstra
R. Conner Time Start: 0620 Time Stop: 7:00

Date: 6/27/2011 Wind: B-I Cloud: 0%

Search area/distance recorded on field map: Temp: 18° 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	2 ✓					
Downy Woodpecker				Indigo Bunting	S	2 ✓	1 ✓				
Northern Flicker	H	1 ✓		Chipping Sparrow							
E Wood Pewee	S	1 ✓		Song Sparrow	S	2 ✓					
Widow Flycatcher				Savannah Sparrow	S	1 ✓					
Eastern Phoebe				Bobolink							
Gr Cr Flycatcher	S	1 ✓		Red-wing Blackbird							
Eastern Kingbird				Common Grackle							
Tree Swallow				Br-head Cowbird							
Barn Swallow				Baltimore Oriole							
Blue Jay				Am Goldfinch							
Am Crow	H	1 ✓		Horned Lark	H	1 ✓					
Bl-cap Chickadee	H	1 ✓		Water Sparrow	S	1 ✓					
White-br Nuthatch				Downy Woodpecker	H	1 ✓					
House Wren	S	2 ✓									
Wood Thrush	S	1 ✓									
Am Robin											
Gray Catbird											
Cedar Waxwing											
E Starling											
Warbling Vireo											
Red-eye Vireo	S	2 ✓									

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

* record UTM for species of conservation concern

SWD

FOD

GE25-2



	AMCR	H	1	
HOLA			1	0-120
SASP			1	120 +
INBY			2	
GCFL			1	
RBBR			2	
HAWO			2	
REVI			2	
VESP			1	
HAWO			1	
NOFL			1	
EUPE			1	
WBWU			1	
SOSP			1	
WBWU			2	

BLW1552

06⁰⁰ - 7⁰⁰
 R. Tymstra
 ju. 27/11
 S-1 18°C
 no cloud.
 no precip.
Bluewater

new layout

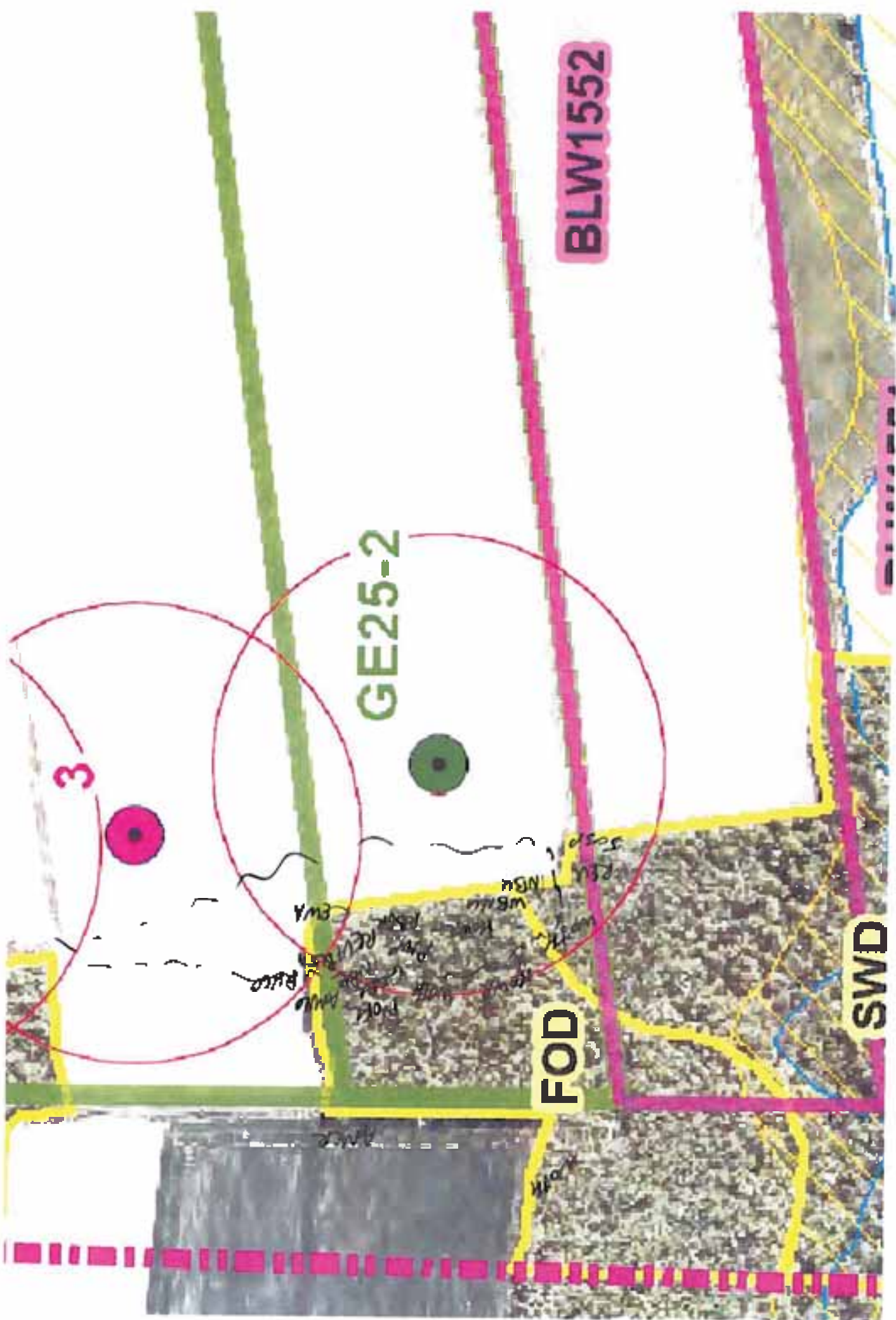
NextEra Bird / Wildlife Survey Form

Study Area: Bluewater Turbine Site: GE 25-2 Feature No.: 468
 Observers: R. Tymstra Time Start: 6¹⁰ Time Stop: 7⁰⁰
 Date: July 2/11 Wind: S-1 Cloud: 50%
 Search area/distance recorded on field map: Temp: 20C 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	S	1					
Downy Woodpecker				Indigo Bunting	S	2					
Northern Flicker	H	1		Chipping Sparrow							
E. Wood Pewee				Song Sparrow	S	1					
Willow Flycatcher				Savannah Sparrow							
Eastern Phoebe				Bobolink							
Gr Cr Flycatcher	S	1		Red-wing Blackbird							
Eastern Kingbird				Common Grackle							
Trop Swallow				Bl-head Cowbird	H	1					
Jam Swallow				Baltimore Oriole							
Blue Jay	H	1		Am Goldfinch							
Am Crow	H		1	Pileated Woodpecker		1					
Bl-cap. Chickadee											
White-br Nuthatch	S	1									
House Wren	S	1	1								
Wood Thrush	S	2	1								
Am Robin	S	1									
Gray Catbird											
Cedar Waxwing	H	1									
E Starling											
Warbling Vireo											
Red-eye Vireo	H	1									

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

* record UTM for species of conservation concern.



3

GE25-2

BLW1552

Handwritten notes: EWA, REU, BUC, FOD, SWD, and other illegible scribbles.

FOD

SWD

NextEra Bird / Wildlife Survey Form

Study Area: BLUEWATER SMN-5 Turbine Site: SMN-3 Feature No.: 468/476
 Observers: R. TYMSTRA Time Start: 6:30 Time Stop: 7:00
 Date: July 2/11 Wind: S-1 Cloud: 50%
 Search area/distance recorded on field map: Temp: 20°C Precip: None

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

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

* record UTM for species of conservation concern.

RI W15

BLW1549

GE25-1

GE25-2

FOD

3

SASD

SASD

SASD

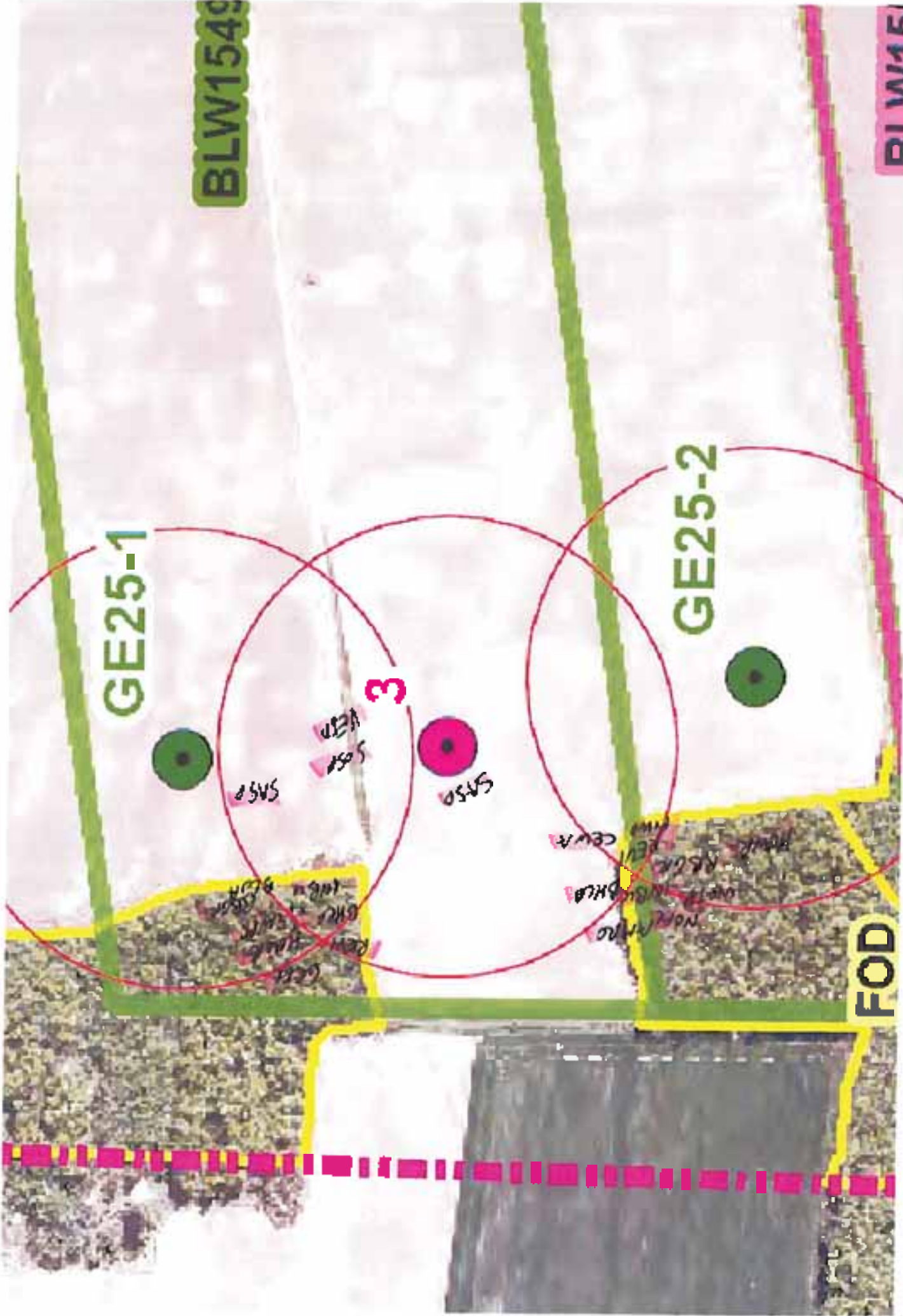
REV CEVA

REV BHLB

NOV 1990

REV 1990
REV 1990
REV 1990
REV 1990
REV 1990

REV 1990
REV 1990
REV 1990



Next Era Bird / Wildlife Survey Form

Study Area: Blue water Turbine Site: GE 16-22 / 20 ^(mainly SMN) ^(Syrphid beetle survey) Feature No.: 470 / 471
 Observers: Scott Martin Time Start: 9:57 am Time Stop: 10:43 am
 Date: July 8/11 Wind: NW B: (1-2) Cloud: nil
 Search area/distance recorded on field map: Temp: 26°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							
Red-tailed Hawk				Com. Yellowthroat							
Killdeer				Northern Cardinal							
Mourning Dove				Rose-br. Grosbeak							
Downy Woodpecker				Indigo Bunting	SM	1 ✓					
Northern Flicker	SM		1 ✓	Chipping Sparrow	SM	1 ✓					
E. Wood Pewee				Song Sparrow	SM	4 ✓	1 ✓				
Widow T.catcher				Savannah Sparrow	SM	2 ✓	1 ✓				
Eastern Phoebe				Bobolink							
Gr. Cr. Flycatcher				Red-wing Blackbird	X	3 ✓					
Eastern Kingbird				Common Grackle							
Tree Swallow				Br-head Cowbird	X		1 ✓				
Bank Swallow				Gallinule Oriole							
Blue Jay				Am. Goldfinch	X	1 ✓					
Am. Crow				Horned Lark	SM		2 ✓				
Bl. cap. Chickadee				Field Sparrow	SM	1 ✓					
White-br. Nuthatch											
House Wren											
Wood Thrush											
Am. Robin	SM		1 ✓								
Gray Catbird											
Cedar Waxwing	SM	1 ✓	1 ✓								
E. Starling											
Warbling Vireo											
Red-eye Vireo											

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

Corn field, wheat & soybean fields at east

FOD - Sugar Maple, white Ash, white Elm, Boxwood, Silver Maple

Tallgrass Meadow

* record UTM for species of conservation concern

Bluewater

Start: 9:57

July 8/11

End: 10:43

Temp: 26°C

Wind: NW (1-2)

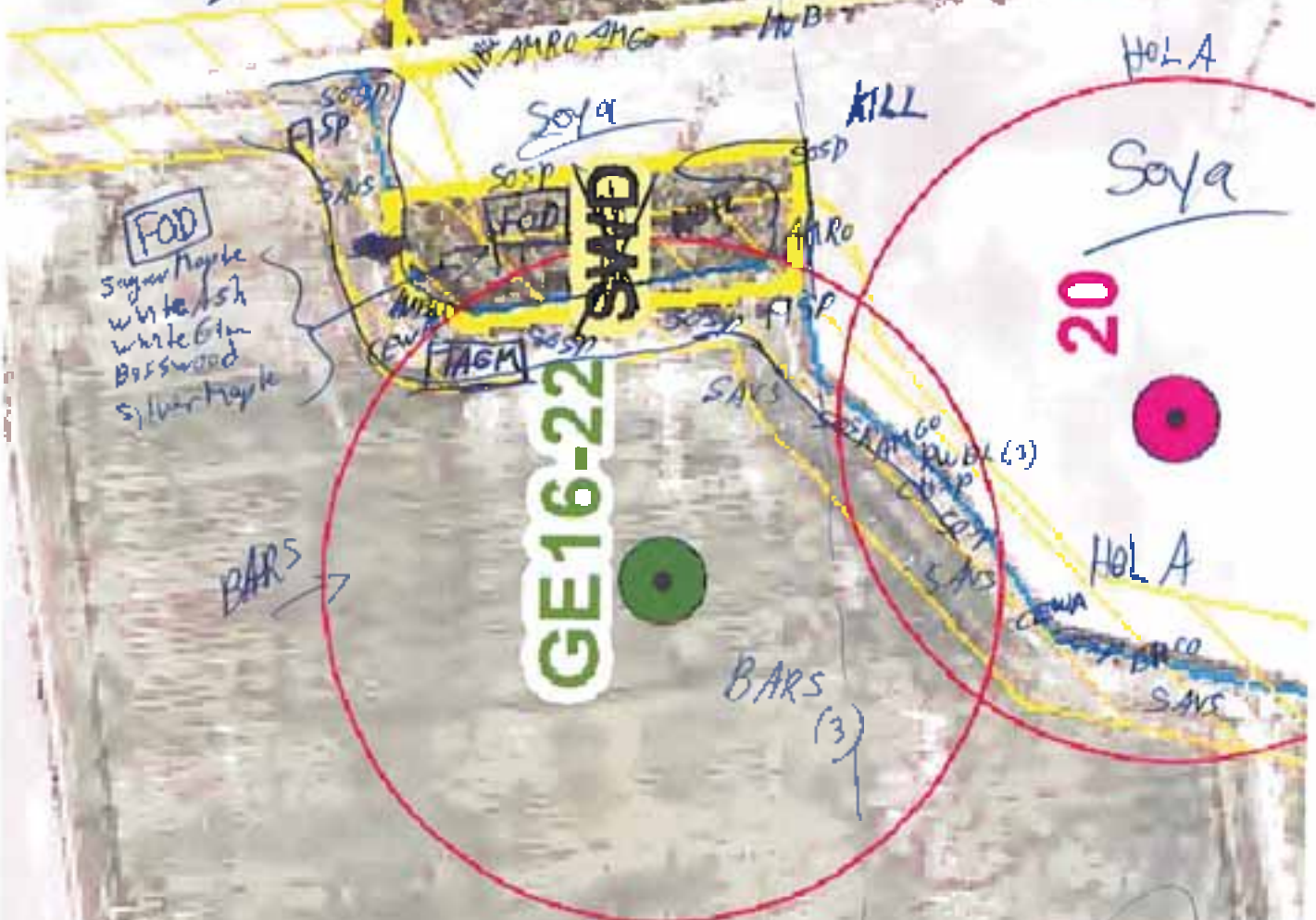
Cloud: nil

precip: nil

Wheat



SWD



FOD

Sugar Maple
White Ash
Boxwood
Silver Maple

GE16-22

20

Soya



HOLA

BARS (3)

Corn

Access

No Access

Next Era Bird / Wildlife Survey Form

Study Area: Blue water Turbine Site: GE 16-22 / 20 ^{(mainly) SMN} ^(Syrphid beetle survey) Feature No.: 470 / 471
 Observers: Scott Martin Time Start: 9:57 am Time Stop: 10:43 am
 Date: July 8/11 Wind: NW B: (1-2) Cloud: nil
 Search area/distance recorded on field map: Temp: 26°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							
Red-tailed Hawk				Com. Yellowthroat							
Killdeer				Northern Cardinal							
Mourning Dove				Rose-br. Grosbeak							
Downy Woodpecker				Indigo Bunting	SM	1 ✓					
Northern Flicker	SM		1 ✓	Chipping Sparrow	SM	1 ✓					
E. Wood Pewee				Song Sparrow	SM	4 ✓	1 ✓				
Widow T.catcher				Savannah Sparrow	SM	2 ✓	1 ✓				
Eastern Phoebe				Bobolink							
Gr. Cr. Flycatcher				Red-wing Blackbird	X	3 ✓					
Eastern Kingbird				Common Grackle							
Tree Swallow				Br-head Cowbird	X		1 ✓				
Bank Swallow				Gallinule Oriole							
Blue Jay				Am. Goldfinch	X	1 ✓					
Am. Crow				Horned Lark	SM		2 ✓				
Bl. cap. Chickadee				Field Sparrow	SM	1 ✓					
White-br. Nuthatch											
House Wren											
Wood Thrush											
Am. Robin	SM		1 ✓								
Gray Catbird											
Cedar Waxwing	SM	1 ✓	1 ✓								
E. Starling											
Warbling Vireo											
Red-eye Vireo											

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

Corn field, wheat & soybean fields at east

FOD - Sugar Maple, white Ash, white Elm, Boxwood, Silver Maple

Tallgrass Meadow

* record UTM for species of conservation concern

NextEra Bird / Wildlife Survey Form

Study Area: Bluewater Turbine Site: GE25-1 Feature No.: 476
 Observers: R. TYMSYRA Time Start: 6³⁰ Time Stop: 7⁰⁰
 Date: July 2/11 Wind: S1 Cloud: 50%
 Search area/distance recorded on Reid map: Temp: 20°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	H	1					
Downy Woodpecker				Indigo Bunting	S	1	1				
Northern Flicker				Chipping Sparrow							
E. Wood Pewee	S	1		Song Sparrow	S	1					
Willow Flycatcher				Savannah Sparrow	S	1					
Eastern Phoebe				Bobolink							
Gr. Ct. Flycatcher	S	1		Red-wing Blackbird							
Eastern Kingbird				Common Grackle							
Tree Swallow				Br.-head. Cowbird	H	1					
Jam Swallow				Baltimore Oriole	H	1					
Blue Jay				Am. Goldfinch							
Am. Crow				Vesper Sparrow	S	1					
Bl.-cap. Chickadee											
White-bl. Nuthatch											
House Wren	S	1									
Wood Thrush											
Am. Robin											
Gray Catbird											
Cedar Waxwing											
E. Starling											
Warbling Vireo			1								
Red-eye Vireo	S	1	1								

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

* record UTM for species of conservation concern

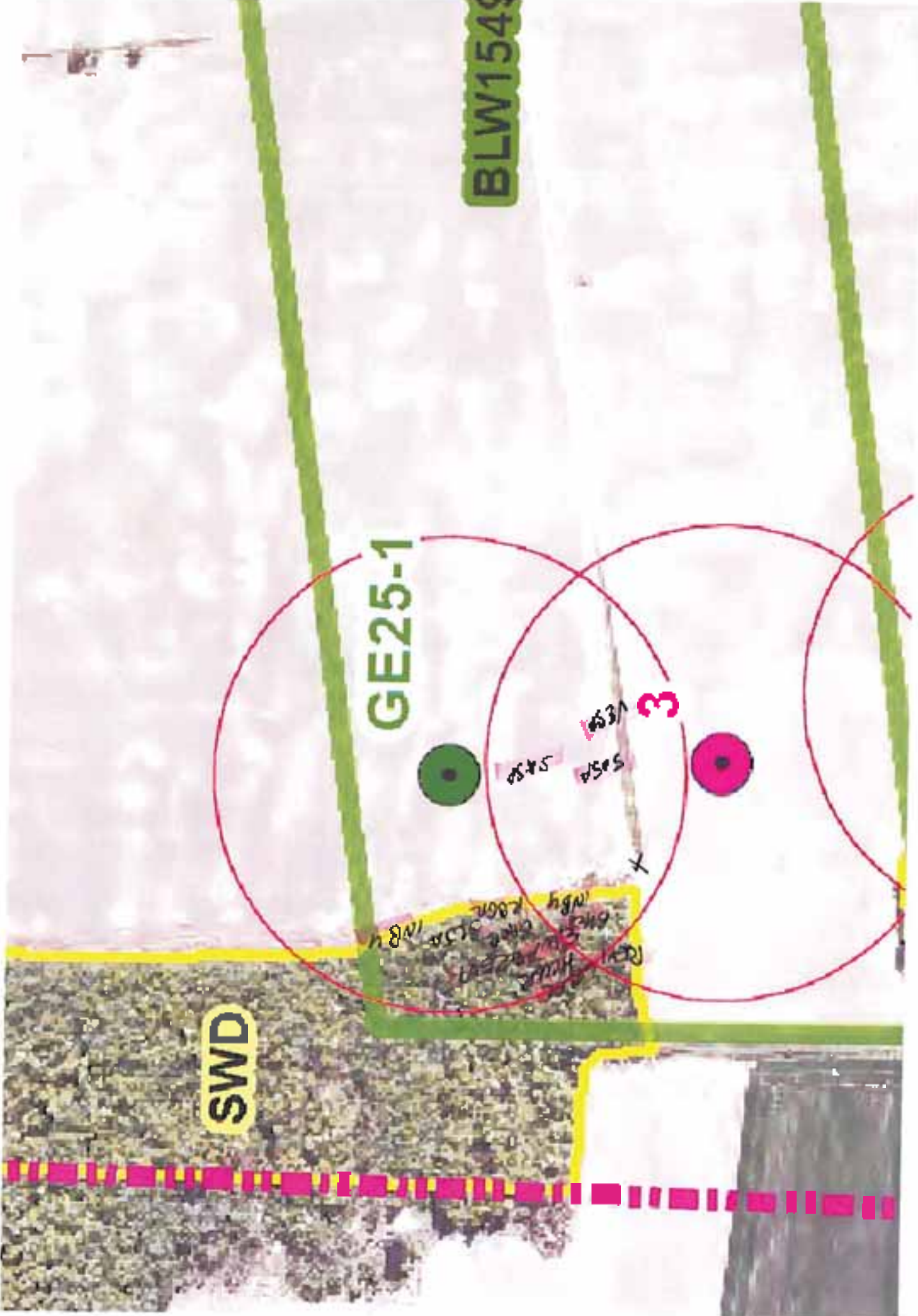
BLW1549

GE25-1

SWD

Red Hill
1000' 1000'
1000' 1000'
1000' 1000'
1000' 1000'

5450
5450
3



Next Era Bird / Wildlife Survey Form

Study Area: ~~Blowater~~ Blowater Turbine Site: GE 25-1 Feature No.: 476
 Observers: Scott Martin Time Start: 6:32 am Time Stop: 7:08 am
 Date: July 10/11 Wind: WSW B. ① Cloud: 90%
 Search area/distance recorded on field map: Temp: 22°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 ✓		Raccoon	TK	1	
Red-tailed Hawk				Com. Yellowthroat				W-T Deer	OB	1	
Killdeer				Northern Cardinal							
Mourning Dove				Rose-br. Grosbeak							
Downy Woodpecker	SM		1 ✓	Indigo Bunting	SM		1 ✓				
Northern Flicker				Chipping Sparrow							
E. Wood Pewee	SM	1 ✓		Song Sparrow	SM	3 ✓	1 ✓				
Willow Flycatcher				Savannah Sparrow	SM	2 ✓					
Eastern Phoebe				Bobolink							
Gr. Cl. Flycatcher	SM		1 ✓	Red-wing Blackbird							
Eastern Kingbird				Common Grackle							
Tree Swallow				B.-head Cowbird							
Barn Swallow				Baltimore Oriole							
Blue Jay	SM		1 ✓	Am. Goldfinch							
Am. Crow				Parula Lark	X	1 ✓					
Bl.-cap Chickadee											
White-br. Nuthatch											
House Wren	SM	1 ✓	1 ✓								
Wood Thrush											
Am. Robin	SM	1 ✓									
Gray Catbird											
Cedar Waxwing											
E. Starling											
Warbling Vireo											
Red-eye Vireo	SM	1 ✓									

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

Wheat & Corn fields

FOD - mid-age; mesic soils moisture; small vernal pools - all dry by survey

- Bittersweet, Sugar Maple, White Ash, Beech/Ironwood, Black Cherry, Red Elder & etc

- Red & white Trilliums, 2 lg-2 lg golden rods, Early Meadow Rue, Blue Cohosh, Long-flowered Adiantum, Red & white

Boneberries, wildcucumber, Jack-in-the-box, Mayapple

* record LITM for species of conservation concern.

Dive ...

End 7:08 am

Windswept B.1

precip: nil

BLW154

July 10/11

FOP

wheat

SWS

GE25-1

BLW154

wheat

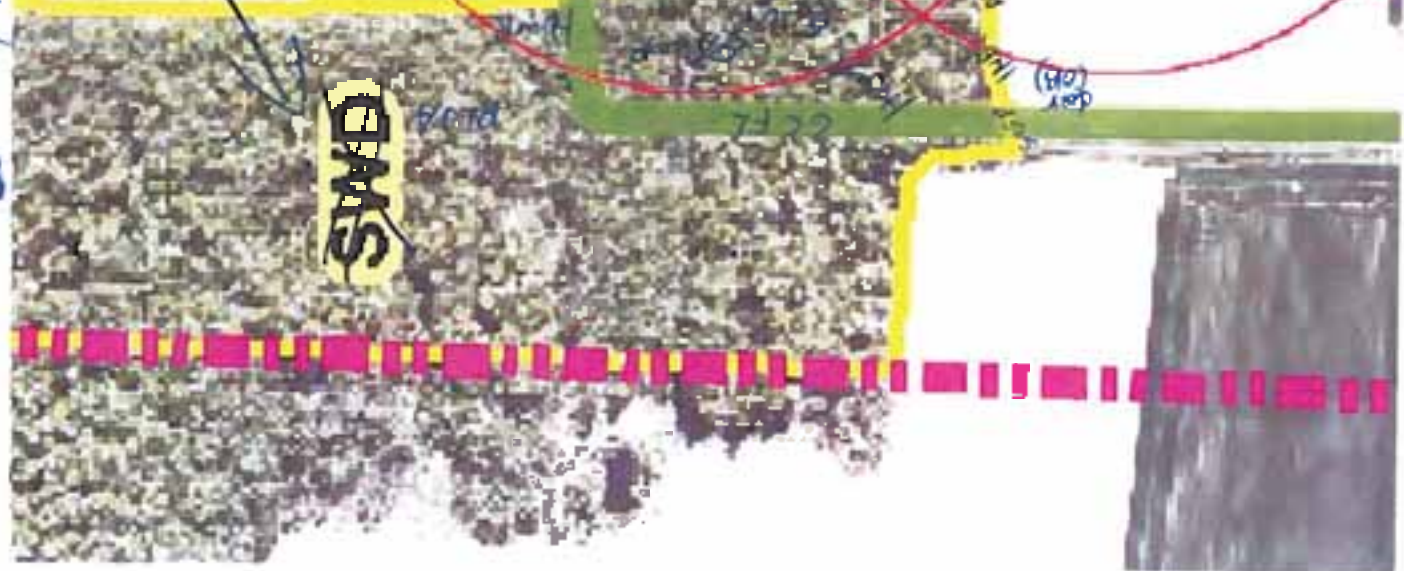
Corn

Surprisingly quiet
w/ birds

FOP - mid age
- mesic

Basswood
Blackberry
Sugar maple
+ Early
+ Rodent
+ Blueberry
+ Jack
+ Small
+ 4-
+ May

Small
+ 4-
+ May
+ Blue
+ Jack
+ Small
+ 4-
+ May



SWS

SWS
Raccoon (1)
SWS
Raccoon (1)
SWS

A

SWS

3

SWS

(10)

NextEra Bird / Wildlife Survey Form

Study Area: Buwater Turbine Site: GEIG-31 Feature No.: 477/488
 Observers: G Phillips Time Start: 8:00am Time Stop: 8:45am
 Date: June 1st 2011 Wind: 7/8 x 20-36 km/h S-4 Cloud: ☉
 Search area/distance recorded on field map: Temp: 21° Precip: ☉

Bird Species				Wildlife Species			
Ev.	120 m	>120		Ev.	120 m	>120	
X	1 ✓		Turkey Vulture	S	2 ✓		Yellow Warbler
			Red-tailed Hawk	S		1 ✓	Com Yellowthroat
			Killdeer				Northern Cardinal
			Mourning Dove				Rose-br Grosbeak
			Downy Woodpecker	S		1 ✓	Indigo Bunting
X	1 ✓		Northern Flicker	X	1 ✓		Chipping Sparrow
			E Wood Pewee	S	1 ✓	1 ✓	Song Sparrow
S		1 ✓	Willow Flycatcher				Savannah Sparrow
			Eastern Phoebe				Bobolink
			Gr Cr Flycatcher				Red-wing Blackbird
P	1 ✓	1 ✓	Eastern Kingbird				Cottontail Grackle
			Tree Swallow	X	9 ✓		Bl-head Cowbird
X		2 ✓	Iarn Swallow				Baltimore Oriole
			Blue Jay				Am Goldfinch
X	3 ✓		Am Crow	S		1 ✓	Field Sparrow
			Bl-cap Chickadee	S	1 ✓	2 ✓	Vesper Sparrow
			Whip-br Nuthatch	S		1 ✓	House Lark
			House Wren	S	1 ✓		Brown Thrasher
			Wood Thrush	S		1 ✓	Mourning Warbler
S	1 ✓		Am Robin				
S		1 ✓	Gray Catbird				
			Cedar Waxwing				
			E Starling				
			Warbling Vireo				
			Red-eye Vireo				

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

Took longer at site because of high wind.

** Data obtained from Environment Canada*

* record 0 TM for species of conservation concern

NextEra Bird / Wildlife Survey Form

Study Area: Bluewater Turbine Site: GE 16 31/S-26 Feature No.: 477/488
 Observers: R. Tymstra Time Start: 5²⁰ Time Stop: 6³⁰
 Date: July 3/11 Wind: calm Cloud: None
 Search area/distance recorded on field map: Temp: 19°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	H	1	✓	Com. Yellowthroat	S	1	✓	Green Frog			
Killdeer				Northern Cardinal							
Mourning Dove				Rose-gr Grosbeak	S	1	✓				
Downy Woodpecker				Indigo Bunting	S	1	✓				
Northern Flicker				Chipping Sparrow							
E. Wood Pewee	S	1	✓	Song Sparrow	S	6	✓				
Willow Flycatcher	S		1	Savannah Sparrow							
Eastern Phoebe				Bobolink							
Gr. Ci. Flycatcher				Red-wing Blackbird	H	2	✓				
Eastern Kingbird				Common Grackle	H	30	✓				
Tree Swallow	H	1	✓	Br-head Cowbird							
Sain Swallow				Baltimore Oriole							
Blue Jay				Am Goldfinch	H	1	✓				
Am Crow	H	1	✓	Wild Turkey	H		2	✓			
Bl-cap Chickadee				Field Sparrow	S	1	✓				
White-br Nuthatch				Brown Thrasher	A	1	✓				
House Wren	S	1	✓	Wood Duck	EY	1 adult + 8 young	✓				
Wood Thrush	S	1	✓								
Am Robin											
Gray Catbird	S	1	✓								
Cedar Waxwing	H	1	✓								
E Starling											
Warbling Vireo	S		1								
Red-eye Vireo											

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

Beans + wheat surrounded by deciduous woodlot and portion of pasture with scattered trees

* record UTM for species of conservation concern

NextEra Bird / Wildlife Survey Form

Study Area: Bluewater Turbine Site: GE 16-13 Feature No.: 463/480
 Observers: Rob Tymstra Time Start: 5²⁰ Time Stop: 5⁵⁵
 Date: June 26/11 Wind: S-1 Cloud: None
 Search area/distance recorded on field map: Temp: 15°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	S	2					
Killdeer				Northern Cardinal							
Mourning Dove	S	1		Rose-br Grosbeak							
Downy Woodpecker				Indigo Bunting	S	2	1				
Northern Flicker				Chipping Sparrow							
E Wood Pewee				Song Sparrow	S	2	1				
Willow Flycatcher				Savannah Sparrow	S						
Eastern Phoebe				Babcock							
Gr Cr Flycatcher				Red-wing Blackbird	S	1					
Eastern Kingbird	S	1		Common Grackle	H	1					
Tree Swallow				Br-head Cowbird	H	1					
Barn Swallow				Baltimore Oriole							
Blue Jay				Am Goldfinch	S	1	1				
Am Crow	H	1		Brown Thrasher	A	1					
B. cap. Chickadee	H	1		Coopers Hawk	H	1					
White-br Nuthatch				Horned Lark	H	1					
House Wren											
Wood Thrush	S	2	1								
Am Robin	S	1									
Gray Catbird	S	1									
Cedar Waxwing	H	1									
E Starling											
Warbling Vireo											
Red-eye Vireo											

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

* record UTM for species of conservation concern.



BLW152

BLW

GE16-13

SWD

SWD

MEM

11055
0A

WORTH
CCHA
RUBEN
MODO
HOLA
SOSP
COWA
SOSP
COWA
SOSP
COWA

CCHA

SOSP
COWA

Next Era Bird / Wildlife Survey Form

Study Area: Bluewater Turbine Site: GE 10-13 Feature No.: 963/400
 Observers: Scott Martin Time Start: 10:36 am Time Stop: 11:04 am
 Date: July 7/11 Wind: NW B: ① Cloud: 80%
 Search area/distance recorded on field map: Temp: 21°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				Raccoon	TK	1	
Red-tailed Hawk				Corn Yellowthroat							
Killdeer				Northern Cardinal							
Mourning Dove				Rose-br. Grosbeak	SM		1 ✓				
Downy Woodpecker	SM	2 ✓		Indigo Bunting							
Northern Flicker	SM	1 ✓		Chipping Sparrow	SM	1 ✓					
E. Wood Pewee	SM		2 ✓	Song Sparrow	SM	1 ✓					
Willow Flycatcher				Savannah Sparrow	SM	2 ✓					
Eastern Phoebe				Bobolink							
Gr. Cr. Flycatcher	SM	1 ✓		Red-wing Blackbird							
Eastern Kingbird				Common Grackle							
Tree Swallow				Bri. head. Cowbird	X	2 ✓					
Barn Swallow				Baltimore Oriole	CF	5 ✓					
Blue Jay	SM	1 ✓	1 ✓	Am. Goldfinch	H	1 ✓					
Am. Crow				Red-bellied							
Bl.-cap. Chickadee				Woodpecker	SM		2 ✓				
White-br. Nuthatch				Eastern Meadowlark	SM	1 ✓					
House Wren	SM	1 ✓	1 ✓	Pileated Woodpecker	SM	1 ✓					
Wood Thrush	SM		3 ✓	Yellow-Throated Vireo	SM	1 ✓					
Am. Robin	P	2 ✓	1 ✓								
Gray Catbird	SM	1 ✓									
Cedar Waxwing	SM	5 ✓									
E. Starling											
Warbling Vireo											
Red-eye Vireo											

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

Soy fields, Corn field, wheat field

FOD - Sugar Maple, Beech, Ironwood, White Ash, Black cherry w/ white hollyhock, starved aster, may apple, Jack-in-the-pulpit, Blue Cohosh, Bloodroot, hepatica, Trilliums, wild leek

- Tallgrass meadow (MMA?) in NW corner of turbine buffer @ creek - area is alive with bird activity

* record UTM for species of conservation concern.

- uncultivated TAGM along drainage areas through centre & east of buffer (lower slope)

NextEra Bird / Wildlife Survey Form

Study Area: Bluewater Turbine Site: SMN-11 Feature No.: 920
 Observers: R. Tymstra Time Start: 6:15 Time Stop: 7:45
 Date: June 26/11 Wind: S-1 Cloud: None
 Search area/distance recorded on field map: Temp: 17°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	S	1		Com Yellowthroat	S	1	1				
Killdeer				Northern Cardinal							
Mourning Dove	S	1		Rose-br Grosbeak	S	2	1				
Downy Woodpecker				Indigo Bunting	S	2	2				
Northern Flicker	H		1	Chipping Sparrow							
E. Wood Pewee				Song Sparrow	S	3	2				
Willow Flycatcher	S		2	Savannah Sparrow	S		1				
Eastern Phoebe				Bobolink							
Gr. Cr. Flycatcher				Red wing Blackbird	H	1					
Eastern Kingbird	H	4	1	Common Grackle	H		1				
Tree Swallow				Br-head Cowbird	H	1	1				
Fair Swallow				Baltimore Oriole							
Blue Jay	H		1	Am Goldfinch	H	1					
Am Crow	H	1		Field Sparrow	S		1				
Bl-cap Chickadee	H		1								
White-br Nuthatch	S										
House Wren	S		1								
Wood Thrush	S	2	1								
Am Robin	S	2									
Gray Catbird	S	1									
Cedar Waxwing	H		1								
E. Starling											
Warbling Vireo											
Red-eye Vireo	S		1								

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

* record UTM for species of conservation concern

FOD

FOD

TAGM1

MAM

TAGM1

BLW1011

11



MEM

SWT

THD

SWD



AMCO SOSP

AMCO

SOSP

WIFE

NOFL

DELTA
BFL
ABGR
BACO
FISA
GREA
EAKI
NBL
EOR

SOSP
WIFE

SOSP

AMCR

AMRO

WIFE

CO

5000



NextEra Bird / Wildlife Survey Form

Study Area: Bluewater Turbine Site: SMN-11 Feature No.: 400

Observers: R. Tymstra Time Start: 7⁰⁰ Time Stop: 8⁰⁰

Date: July 2/11 Wind: S-2 Cloud: 10% increasing to 100%

Search area/distance recorded on field map: Temp: 22°C Precip: None
It rains @ end

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

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

Corn + Bean fields + riparian fallow area to south,
 decid woodlot to east scattered white pine
 plantation in fallow field to North

* record UTM for species of conservation concern

NextEra Bird / Wildlife Survey Form

Study Area: Blue Water Turbine Site: GE16-12 Feature No.: 481
 Observers: G. Phillips Time Start: 9:30am Time Stop: 10:00am
 Date: May 29th 2011 Wind: 2 Cloud: 100
 Search area/distance recorded on field map: Temp: 18^c Precip: 0

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

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

Field Bare Earth.

* record ITH for species of conservation concern

Feature 481

TAGM1 TAGM1 TAGM1

MEM

SWD MAS

63B

MEM

Lot 9 Con 12 Stanley

59C

TAGM1

SWD

FOD

SWD

SWD

Lot 10 Con 11 Stanley

69A

FOD

GE16-12



11

Lot 9 Con 12 Stanley

SWD

SWD MEM

63A

MAM

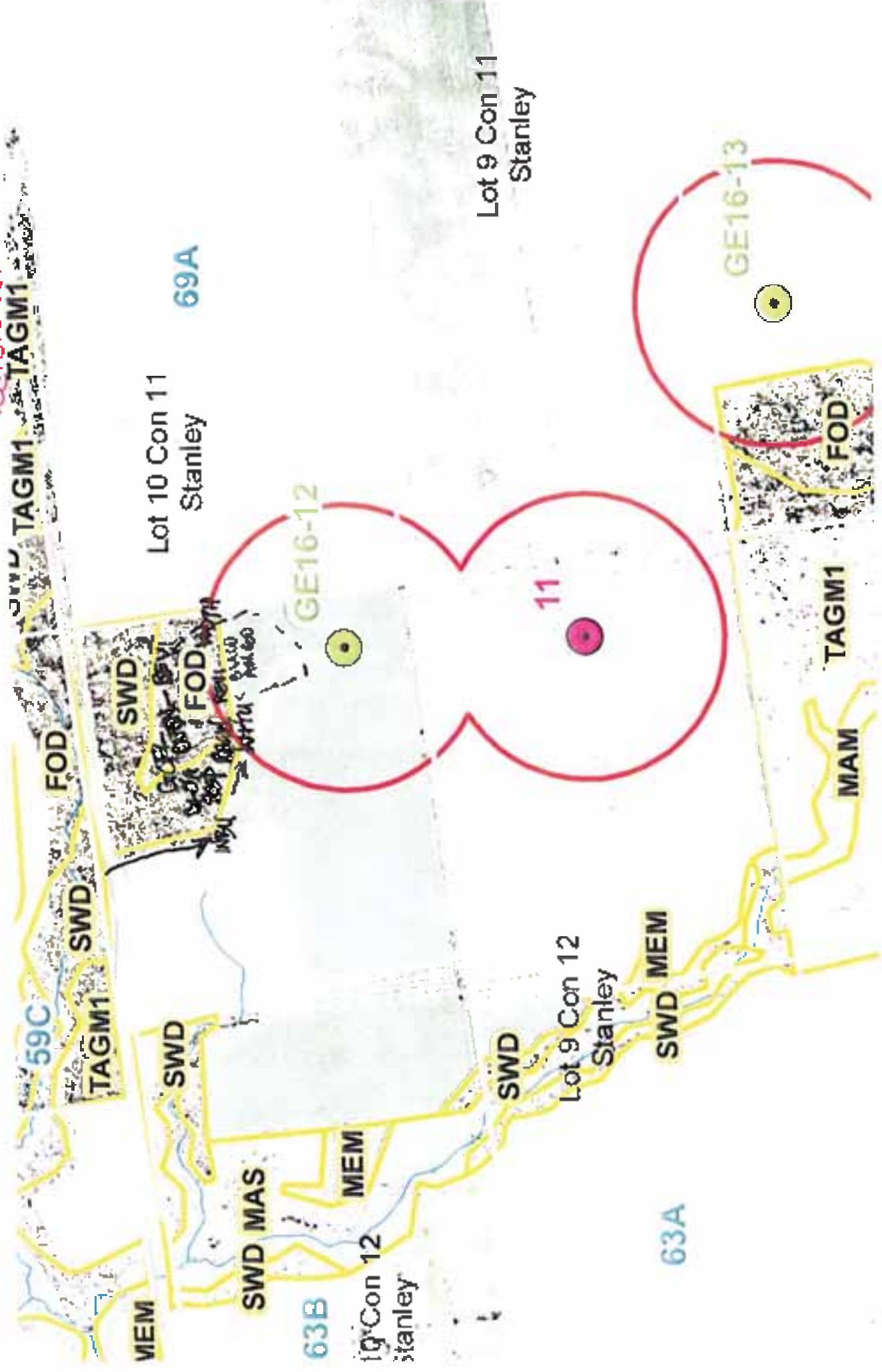
TAGM1

FOD

GE16-13



Lot 9 Con 11 Stanley



Next Era Bird / Wildlife Survey Form

Study Area: BLW Turbine Site: GE16-12 Feature No.: FOD 481

Observers: R. Conohan Time Start: 4:50 Time Stop: 10:15 am

Date: 06/22/2011 Wind: S-10 B-2 Cloud: 75%

Search area/distance recorded on field map:

Temp: 80°

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	S		*				
Mourning Dove				Rose-br Grosbeak							
Downy Woodpecker				Indigo Bunting	S		*				
Northern Flicker				Chipping Sparrow							
E Wood Pewee				Song Sparrow	S		*				
Willow Flycatcher				Savannah Sparrow							
Eastern Phoebe				Bobolink							
Gr G Flycatcher				Red-wing Blackbird							
Eastern Kingbird				Common Grackle							
Tree Swallow				Br-head Cowbird	H		*				
Barn Swallow				Baltimore Oriole							
Blue Jay				Am Goldfinch							
Am Crow											
Bl-cap Chickadee	H	*	✓								
White-br Nuthatch											
House Wren	S	*	✓								
Wood Thrush											
Am Robin											
Gray Catbird											
Cedar Waxwing	H	*	✓								
E Starling											
Warbling Vireo											
Red-eye Vireo	S	*	✓								

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

Corn ~~with~~ with buffer in edge of FOD

* record L-T-A for species of conservation concern

NextEra Bird / Wildlife Survey Form

Study Area: Blue Water Turbine Site: GE16-22 Feature No.: 483
 Observers: G. Phillips Time Start: 6:35 am Time Stop: 7:00 am
 Date: May 31st 2011 Wind: ⊖ Cloud: ⊖
 Search area/distance recorded on field map: Temp: 21° Precip: ⊖

Bird Species	Ev.	120 m	>120	Bird Species	Ev.	120 m	>120	Wildlife Species	Ev.	120 m	>120
Turkey Vulture				Yellow Warbler	S	2 ✓	1 ✓	Deer	TK	7	1
Red-tailed Hawk	X	1 ✓		Can. Yellowthroat	S	1 ✓					
K/Deer				Northern Cardinal							
Mourning Dove				Rose-br. Grosbeak	S	1 ✓					
Downy Woodpecker				Indigo Bunting	S	1 ✓	1 ✓				
Northern Flicker				Chipping Sparrow							
E. Wood Pewee				Song Sparrow							
Willow Flycatcher				Savannah Sparrow	S		1 ✓				
Eastern Phoebe				Bobolink							
Gr. Cr. Flycatcher	S	1 ✓	1 ✓	Red-wing Blackbird	P	2 ✓					
Eastern Kingbird	H		1 ✓	Common Grackle							
Tree Swallow				Br-head Cowbird	X	3 ✓					
Am Swallow	X	2 ✓		Baltimore Oriole	S	2 ✓	1 ✓				
Blue Jay				Am Goldfinch	X	3 ✓					
Am Crow				Am. Redstart	S	1 ✓	1 ✓				
Bl-cap Chickadee				Vesper Sparrow	S		1 ✓				
White-br Nuthatch											
House Wren	S	1 ✓	1 ✓								
Wood Thrush	S		1 ✓								
Am Robin	S	1 ✓									
Gray Catbird											
Cedar Waxwing	X	4 ✓									
E Starling	H	4 ✓									
Warbling Vireo	S	2 ✓	1 ✓								
Red-eye Vireo	S	1 ✓									

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

Drainage channel steep + deep, predated access to woods from survey side (east). Woodlot surprisingly active with birds.

* record UTM for species of conservation concern.

NextEra Bird / Wildlife Survey Form

Study Area: Bluewater Turbine Site: DE 16-21/5-A Feature No.: 483
 Observers: R. Tymstra Time Start: 6:45 Time Stop: 7:20
 Date: July 3/11 Wind: calm Cloud: None
 Search area/distance recorded on field map: Temp: 21°C Precip: 0

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		1 ✓	Com. Yellowthroat							
Killdeer				Northern Cardinal							
Mourning Dove				Rose-br. Grosbeak	S	1 ✓					
Downy Woodpecker				Indigo Bunting	S	1 ✓					
Northern Flicker	H	1 ✓		Chipping Sparrow							
E. Wood Pewee				Song Sparrow	S	1 ✓	2 ✓				
Willow Flycatcher				Savannah Sparrow							
Eastern Phoebe				Bobolink							
Gr. Ct. Flycatcher				Red-wing Blackbird							
Eastern Kingbird				Common Grackle							
Tree Swallow				Br-head Cowbird	H		1 ✓				
Jam Swallow				Ballmore Oriole							
Blue Jay	H		1 ✓	Am Goldfinch							
Am Crow	H		1 ✓	White-throated Vesper Sparrow	S		1 ✓				
Bl.-cap Chickadee											
White-br. Nuthatch											
House Wren	S	1 ✓									
Wood Thrush	S	1 ✓									
Am Robin	S	1 ✓	2 ✓								
Gray Catbird	S		1 ✓								
Cedar Waxwing											
E. Starling											
Warbling Vireo											
Red-eye Vireo	S	1 ✓									

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

Crop with deciduous woodlot + hydro line

* record UTM for species of conservation concern.

new layout

WLD

ROD

BLW1036

BLW1677

BLW1676

GE16-21 19



Handwritten notes: SOSP, BKO, BKA, R80, REM, WTH, SOSP, BKO, BKA, R80, REM, WTH, SOSP, BKO, BKA, R80, REM, WTH

Hydro cone

WSSP

RTM4

FOD



NextEra Bird / Wildlife Survey Form

Study Area: Buwater Turbine Site: GEIG-31 Feature No.: 477/488
 Observers: GS Phillips Time Start: 8:00am Time Stop: 8:45am
 Date: June 1st 2011 Wind: 7/8 x 20-36 km/h Cloud: ☉
 Search area/distance recorded on field map: Temp: 21° Precip: ☉

Bird Species				Bird Species				Wildlife Species			
Ev.	120 m	>120		Ev.	120 m	>120		Ev.	120 m	>120	
X	1	✓		Yellow Warbler	S	2	✓				
				Com Yellowthroat	S		1	✓			
				Northern Cardinal							
				Rose-br Grosbeak							
				Indigo Bunting	S		1	✓			
X	1	✓		Chipping Sparrow	X	1	✓				
				Song Sparrow	S	1	✓	1	✓		
S		1	✓	Savannah Sparrow							
				Bobolink							
				Red-wing Blackbird							
P	1	✓	1	Cottontail Grackle							
				Bl-head Cowbird	X	9	✓				
X		2	✓	Baltimore Oriole							
				Am Goldfinch							
X	3	✓		Field Sparrow	S		1	✓			
				Vesper Sparrow	S		1	✓	2	✓	
				Mocker	S		1	✓			
				Brown Thrasher	ES	1	✓				
				Mourning Warbler	S		1	✓			
S	1	✓									
S		1	✓								

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

Took longer at site because of high wind.

** Data obtained from Environment Canada*

* record 0 TM for species of conservation concern

NextEra Bird / Wildlife Survey Form

Study Area: Bluewater Turbine Site: GE 16 31/S-26 Feature No.: 477/488
 Observers: R. Tymstra Time Start: 5²⁰ Time Stop: 6³⁰
 Date: July 3/11 Wind: calm Cloud: None
 Search area/distance recorded on field map: Temp: 19°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				Green Frog			
Red-tailed Hawk	H	1	✓	Com. Yellowthroat	S	1	✓				
Killdeer				Northern Cardinal							
Mourning Dove				Rose-br. Grosbeak	S	1	✓				
Downy Woodpecker				Indigo Bunting	S	1	✓				
Northern Flicker				Chipping Sparrow							
E. Wood Pewee	S	1	✓	Song Sparrow	S	6	✓				
Willow Flycatcher	S		1	Savannah Sparrow							
Eastern Phoebe				Bobolink							
Gr. Ci. Flycatcher				Red-wing Blackbird	H	2	✓				
Eastern Kingbird				Common Grackle	H	30	✓				
Tree Swallow	H	1	✓	Br.-head Cowbird							
Sain Swallow				Baltimore Oriole							
Blue Jay				Am. Goldfinch	H	1	✓				
Am. Crow	H	1	✓	Wild Turkey	H		2	✓			
Bl.-cap Chickadee				Field Sparrow	S	1	✓				
White-br. Nuthatch				Brown Thrasher	A	1	✓				
House Wren	S	1	✓	Wood Duck	EY	1 adult + 8 young	✓				
Wood Thrush	S	1	✓								
Am. Robin											
Gray Catbird	S	1	✓								
Cedar Waxwing	H	1	✓								
E. Starling											
Warbling Vireo	S		1								
Red-eye Vireo											

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

Beans + wheat surrounded by deciduous woodlot
and portion of pasture with scattered trees

* record UTM for species of conservation concern

Next Era Bird / Wildlife Survey Form

Study Area: BLW Turbine Site: GE 16-11/5-10 Feature No.: TAGM1 490

Observers: R. Conahan Time Start: 9:05 Time Stop: 9:40

Date: 6/22/2011 Wind: S-10 B-2 Cloud: 80%

Search area/distance recorded on field map: Temp: 20 Precip: _____

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	X	*	✓	Northern Cardinal							
Mourning Dove	X	*	✓	Rose-br Grosbeak							
Downy Woodpecker				Indigo Bunting							
Northern Flicker				Chipping Sparrow	S	*	✓				
E. Wood Pewee				Song Sparrow	S/A	✓	✓				
Wired Flycatcher				Savannah Sparrow	S	✓	✓				
Eastern Phoebe				Bobolink							
Gr. C. Flycatcher				Red-wing Blackbird	X	A	*	✓			
Eastern Kingbird				Common Grackle							
Tree Swallow				Br-head Cowbird							
Barn Swallow	X	*	✓	Baltimore Oriole							
Blue Jay				Am Goldfinch							
Am Crow	X	*	✓	Hooded Lark	S/A	✓	✓				
Bl-cap Chickadee				Mourning Field Sparrow	S	*	✓				
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)

Soy Field + low quality ~~area~~ young corn/beans plantation

* record UTM for species of conservation concern.