

Appendix B4

2012 Bird Breeding Surveys

- Legend**
- US - Wetlands
 - Property Line
 - Right of Way
 - Area of Disturbance
 - Natural Features and U
 - ADEQ Watercourse
 - Property Boundary
 - Private "Line Rule" (18C, m)
 - Natural II and Aulder (18B, m)

Map prepared by the Office of Natural Resources
 Project No. 2007-001
 Date: 2007-09-11-2011



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 for the project described above. It is not intended to be used
 for any other purpose. The user assumes all responsibility for
 the use of this map. The Office of Natural Resources is not
 responsible for any errors or omissions on this map. The
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Options Alternative Bounding Box Layout
848_GSHH34885E3H2B48
 SCB-01
 May 2012
 Project No. 2007-001

AECOM

Figure 1



Map of the Bounding Box Layout for the project described above. It is not intended to be used for any other purpose. The user assumes all responsibility for the use of this map. The Office of Natural Resources is not responsible for any errors or omissions on this map. The Office of Natural Resources is not responsible for any damages or losses resulting from the use of this map.

Woodland Breeding Bird Field Collection Form

ASCOM

Page 1 of 1

General Information			
Study Area: Jericho <u>Goshen</u> Bluewater	Parcel #: <u>GSH254B</u>	Site ID: <u>648-GSH2548</u>	
Date: <u>June 7/12</u>	Start time: <u>0830</u>	End Time: <u>1000</u>	
Weather Conditions:		Field Crew: <u>S. Pernaen</u>	
Wind Direction: <u>W</u>	Wind Scale: <u>1</u>		
Sky Condition: <u>1</u>	Cloud Cover (%): <u>30</u>	Field Notes By: <u>S. Pernaen</u>	
Temperature C: <u>15</u>			

Site Location
<u>West of Morrison Line, 500 m N of Crediton Rd.</u>

Point Count Locations		
Easting: <u>0462650</u>	Northing: <u>475886</u>	Number: <u>1 (07)</u>
Easting: _____	Northing: _____	Number: _____
Easting: _____	Northing: _____	Number: _____
Easting: _____	Northing: _____	Number: _____
Easting: _____	Northing: _____	Number: _____
Easting: _____	Northing: _____	Number: _____

Habitat Description
Height of Vegetation (m): <u>15-20m</u>
Predominant Species: <u>Bittern history</u>
Description: <u>History / mostly mixed age woodlot w deep-sided creek running through. Sparse shrub layer from 1-4m; dense ground cover. Elm growing beside creek.</u>

Photo Log			
Picture #	Description	Picture #	Description
<u>4684</u>	<u>Stn 1 - N</u>		
<u>4685</u>	<u>- N</u>		
<u>4686</u>	<u>- S</u>		
<u>4687</u>	<u>- E</u>		

Relative Wind Scale	0-3 km/hr - calm, smoke rises vertically	4-10 km/hr - full force papers blow, small branches move
1: 4-11 km/hr - light air movement	11-17 km/hr - fresh breeze - moderate branch movement	
2: 12-19 km/hr - breeze/cool with constant motion	18-25 km/hr - strong breeze - large branch movement	
3: 20-29 km/hr - near gale with constant motion		

Sky Condition Indicators	0 Clear or Sky visible	4 Drizzle
1 Partly cloudy	5 Fog	7 Snow
2 Cloudy (limited or no sun)	6 Shower	
3 Fog or Smog		

Woodland Breeding Bird Data Coding Card

Study Area: Bluewater Goshen Jericho Parcel ID: GSH 2548
 Date: June 7/12 Site ID: 648_GSH 2598
 Time: 0830 Surveyor: S. Permann Point Numbers: 1

Start Time	Point #	Species	Obs Code	< 50 m	> 50 m/100	Flyovers	> 100 m	
0939 ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓	1 ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓	REVI	S	1				
		SO SP	S	2			1	
		HOWR	S	1				
		AMRO	H	1				
		DOWO	H	2				
		WAVI	S	1		1		
		RBGR	S	1				
		EAWP	S	1				
		INBU	S				1	
		RWBL	S					
		YEWA	S					
		GRCA	S					
		BLJA	H					
		CEDW	H					
		GCFL	H					

Start Time: enter time point count began

Species: use standard codes for species abbreviations

Obs Code: enter breeding evidence according to OBBA codes

Flyovers: place an K to denote flyovers, and/or a number to denote individuals observed in flocks

Initial QA/QC by: _____ Technical QA/QC by: _____



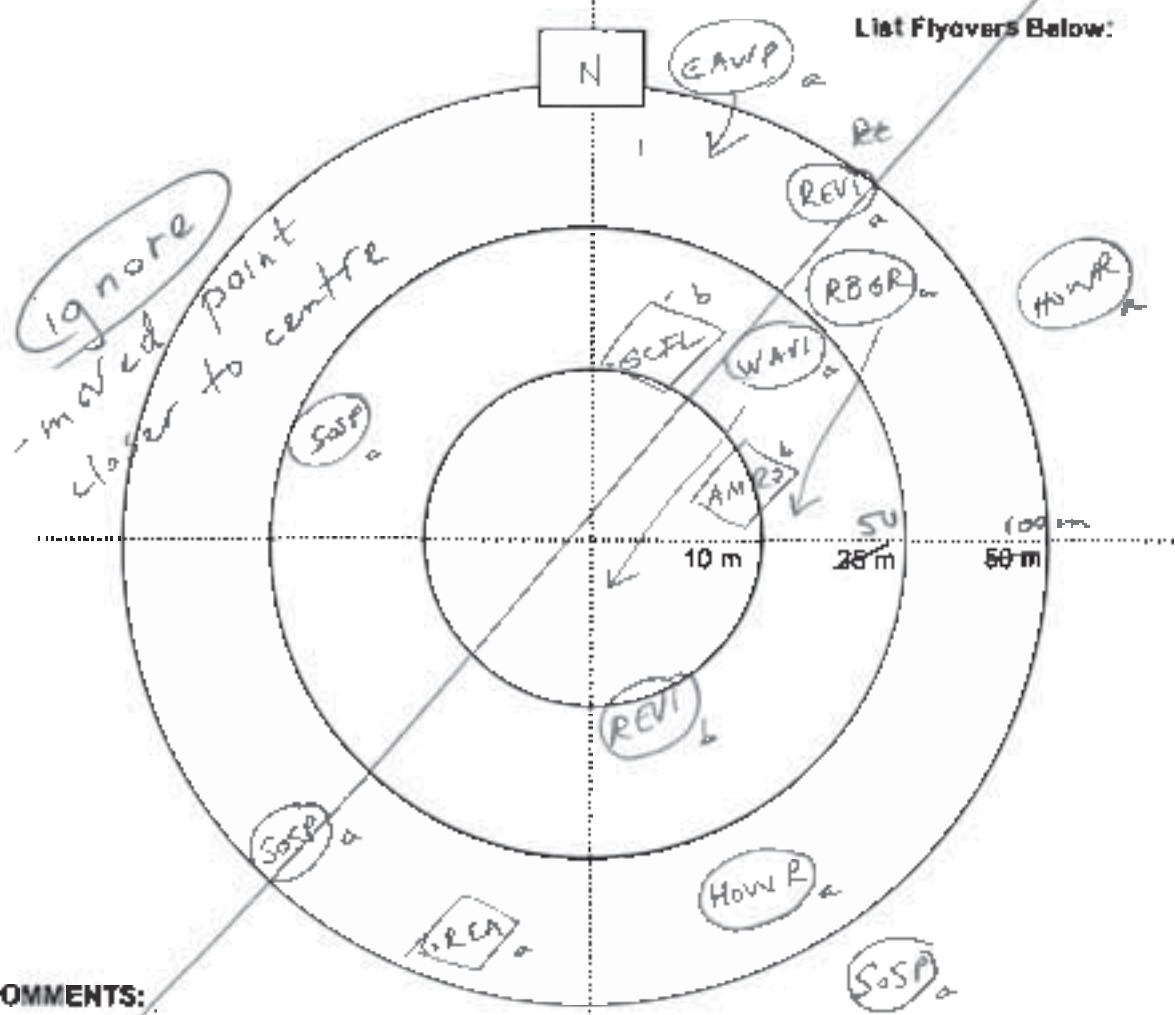
Woodland Breeding Bird Station Mapping Card

Study Area: Bluewater Goshen Jericho Parcel ID: GSH2548
 Date: Jan 7/12 Surveyor: S. Parnanen Site ID: GSA 2548
 Time Started: 0913 Time Ended: 0923 Point Number: 1

Slope: Vertical
 Steep Direction slope faces (Aspect) (ex. NE): NE
 Gentle
 Flat

at edge of
 creek, beside
 dead tree

List Flyovers Below:



COMMENTS:

CEOW

CLASSIFY HABITAT (within 100 m):

CLASS	SUBCLASS	STRUCTURE	MODIFICATION
A	I	C, D, K	I

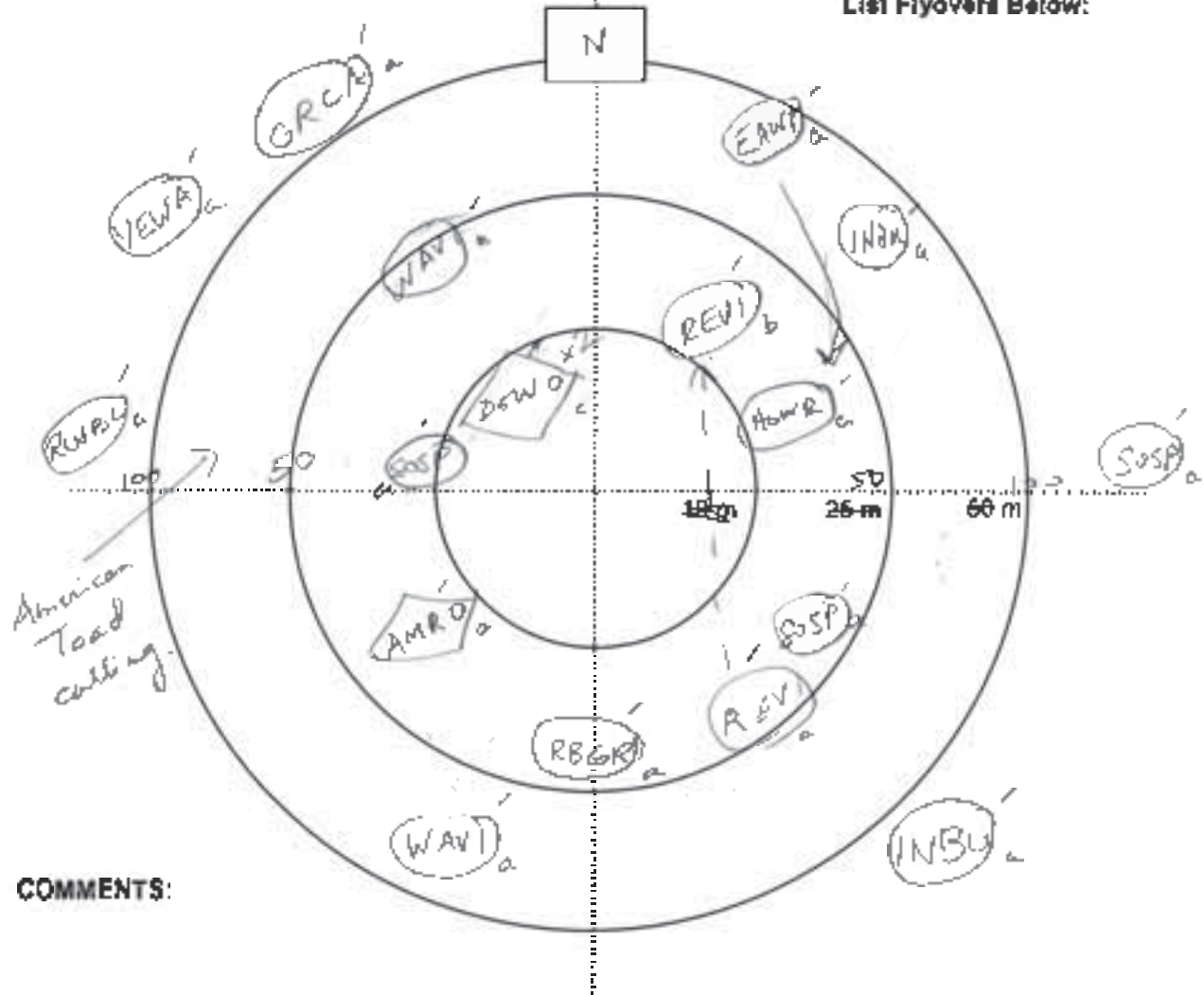


Woodland Breeding Bird Station Mapping Card

Study Area: Bluewater Goshon Jericho Parcel ID: GSH 2548
 Date: June 7/12 Surveyor: S. Permann Site ID: 648_GSH 2548
 Time Started: 0939 Time Ended: 0949 Point Number: _____
 Slope: Vertical Direction slope faces (Aspect) (ex. NE): W
 Steep
 Gentle
 Flat

beside 2 small
insects

List Flyovers Below:



COMMENTS:

CLASSIFY HABITAT (within 100 m):

BLWA

CLASS	FUNCTION	STRUCTURE	MODIFICATION
A	I	C, D, K, H	I

Woodland Breeding Bird Field Collection Form

AECOM		Page 1 / 1	
General Information			
Study Area:	Joricho <u>Croston</u>	Blueprint:	Parcel #: <u>GSH 2435</u> / 2055 Site ID: <u>648</u>
Date:	<u>June 21/12</u>	Start time:	<u>0819h</u> End Time: <u>0829h</u>
Weather Conditions:		Field Crew:	
Wind Direction:	<u>W</u> Wind Scale:	<u>> S.A.M.</u>	
Sky Condition:	<u>24</u> Cloud Cover (%):		
Temperature C:	<u>20</u>		
Field Notes By:			
Site Location			
<u>see R-1</u>			
Point Count Locations			
Easting:	_____	Northing:	_____
Easting:	<u>see R-1</u>	Northing:	_____
Easting:	_____	Northing:	_____
Easting:	_____	Northing:	_____
Easting:	_____	Northing:	_____
Easting:	_____	Northing:	_____
Habitat Description			
Height of Vegetation (m): _____			
Predominant Species: _____			
Description: <u>see R-1</u>			
Photo Log			
Picture #	Description	Picture #	Description
<u>see R-1</u>			
Beaufort Wind Scale		0: 0-2 km/hr - calm - smoke rises vertically 1: 3-5 km/hr - light air movement 2: 6-11 km/hr - wind felt on face, leaves rustle 3: 12-19 km/hr - wind-resistant signs of disturbance begin 4: 20-30 km/hr - dust / some papers blown, small branches move 5: 31-39 km/hr - fresh breeze - moderate branch moves 6: 38-49 km/hr - strong breeze - large branches move	
Sky Condition Indicators		0: Clear or few clouds 1: Partly cloudy 2: Cloudy (broken) or overcast 3: Fog or Smoke 4: Drizzle 5: Rain 6: Showers	



Woodland Breeding Bird Data Coding Card

Study Area: Bluewater

Goshen

Jencho

Parcel ID: G5W 2435/2548

Date: June 21/19

Site ID: 648

Time: 0850

Surveyor: S.A.M.

Point Numbers: 1

Start Time	Point #	Species	Obs Code	< 50 m	50 - 100 m	Over 100 m	Flyovers
0819	1	COGR	X				1
		AMCR	X				3
		SOSP	S		2		
		INBU	S		1		
		GCFL	S	1			
		BAOR	S	1			
		COYE	S		1		
		RVBL	S		1		
		HOVR	S	2	2		
		AMRO	S		1		
		AMRE	S	2			
		KBGR	S	1			
		GRCA	S	1			
		WAVI	S	1			

Start time: write time point count begin
 Species: use standard codes for species abbreviations
 Obs Code: enter breeding incidence according to OBBA codes
 Flyovers: place an X to denote flyovers, and/or a number to denote individuals observed in flocks

Initial QA/QC by: _____ Technical QA/QC by: _____



Woodland Breeding Bird Station Mapping Card

Study Area: Bluewater
 Date: June 21/12
 Time Started: 0819h
 Slope: Vertical
 Steep
 Gentle
 Flat

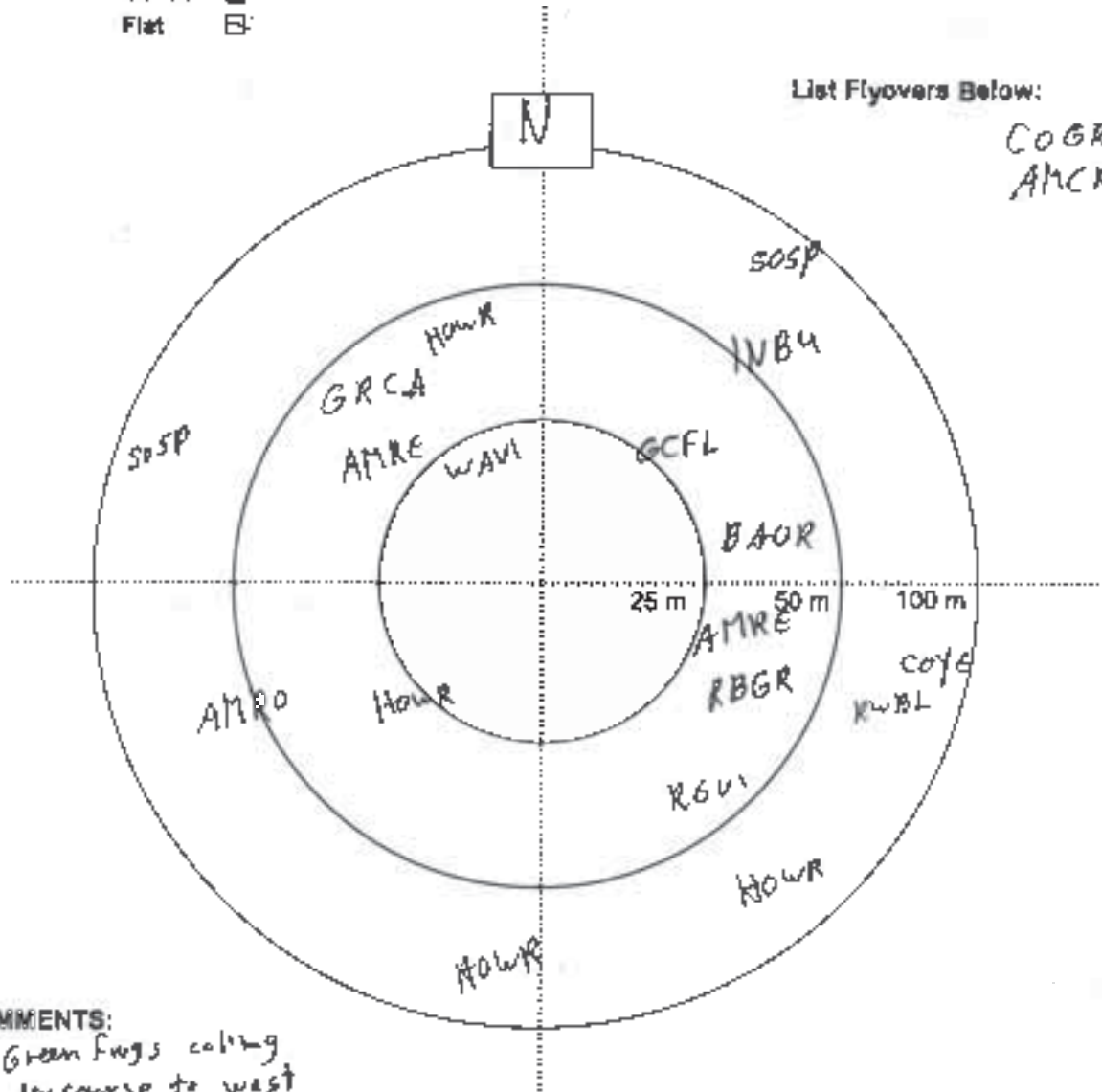
Goshen
 Surveyor: S.A.M.
 Time Ended: 0829h

Parcel ID: GSA 2435/2548
 Site ID: 649
 Point Number: 0

Direction slope faces (Aspect) (ex. NE): W

462650
 4995886

List Flyovers Below:
 COGR
 AMCR "



COMMENTS:
 Several Green Frogs calling
 from water course to west

CLASSIFY HABITAT (within 100 m):

CLASS	SUBCLASS	STRUCTURE	MODIFICATION
see R-1			

- Legend**
- Geotag
 - Private Turf
 - Private Turf
 - Private Turf
 - Area of Disturbance
 - Natural Features and ID
 - MCA (Municipal)
 - Property Boundary
 - State Road Number (SR#)
 - Private Turf Number (PT#)

CODY
 #ACGIS changed
 JUN 27/12

Information for: County Inventory of Natural Resources
 1/1/2008, 2009
 Updated Map 11, 2012



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048_030244005H2448
 SCB-01
 June 27, 2012
 Project No. 048-01

AECOM



048 H2448

Woodland Breeding Bird Field Collection Form

AECOM Page 1 /

General Information

Study Area: Jericho Goshen Bluewater Parcel #: 65A2485/ Site ID:

Date: July 4/12 **Start time:** 8:36h 65A2548 **End Time:** 09:36h

Weather Conditions:
 Wind Direction: NE Wind Scale: 1-2 Field Crew: S.A.M.
 Sky Condition: 2 Cloud Cover (%): 100 Field Notes By:
 Temperature C: 25

Site Location

See Round 1

Point Count Locations

Easting:	_____	Northing:	_____	Number:	_____
Easting:	_____	Northing:	_____	Number:	_____
Easting:	<u>see Round 1</u>	Northing:	_____	Number:	_____
Easting:	_____	Northing:	_____	Number:	_____
Easting:	_____	Northing:	_____	Number:	_____
Easting:	_____	Northing:	_____	Number:	_____

Habitat Description

Height of Vegetation (m): _____
Predominant Species: _____
Description: See Round 1

Photo Log

Picture #	Description	Picture #	Description
<u>See Round 1</u>			

- | | | |
|----------------------------|--|---|
| Beaufort Wind Scale | 0 1-2 mph - calm, smoke rises vertically | 4 20-30 mph - dust / loose debris, some spray, many branches move |
| | 1 3-5 mph - light movement | 5 31-50 mph - loose branches - moderate branch motion |
| | 2 6-11 mph - wind felt on face, leaves rustle | 6 36-49 mph - spray branches - large branch motion |
| | 3 12-19 mph - loose papers fall, constant motion | |
-
- | | | |
|---------------------------------|-------------------------------|-----------|
| Sky Condition Indicators | 0 Clear or few clouds | 5 Drizzle |
| | 1 Partly cloudy | 7 Snow |
| | 2 Cloudy (broken) or overcast | 8 Showers |
| | 4 Fog or Smoke | |



Woodland Breeding Bird Data Coding Card

Study Area: Bluewater

Goshen

Jericho

Parcel ID: GSA 2485/2548

Date: July 4/12

Time: 1002h

Surveyor: S.A.M.

Site ID: _____

Point Number: ①

Start Time	Point #	Species	Obs Code	< 50 m	50 - 100 m	Over 100 m	Flyovers
09:26h	1	HAWR	S	1	1		
		SOSP	S		3		
		REVI	S	1			
		BCCH	S	2	1		
		DOWO	S	1			
		RWBL	S		1		

Start time: enter time point count began

Species: use standard codes for species abbreviations

Obs Code: enter breeding evidence according to QB&A codes

Flyovers: place an X to denote flyovers, and/or a number to denote individuals observed by foot.

Initial QA/QC by: _____

Technical QA/QC by: _____

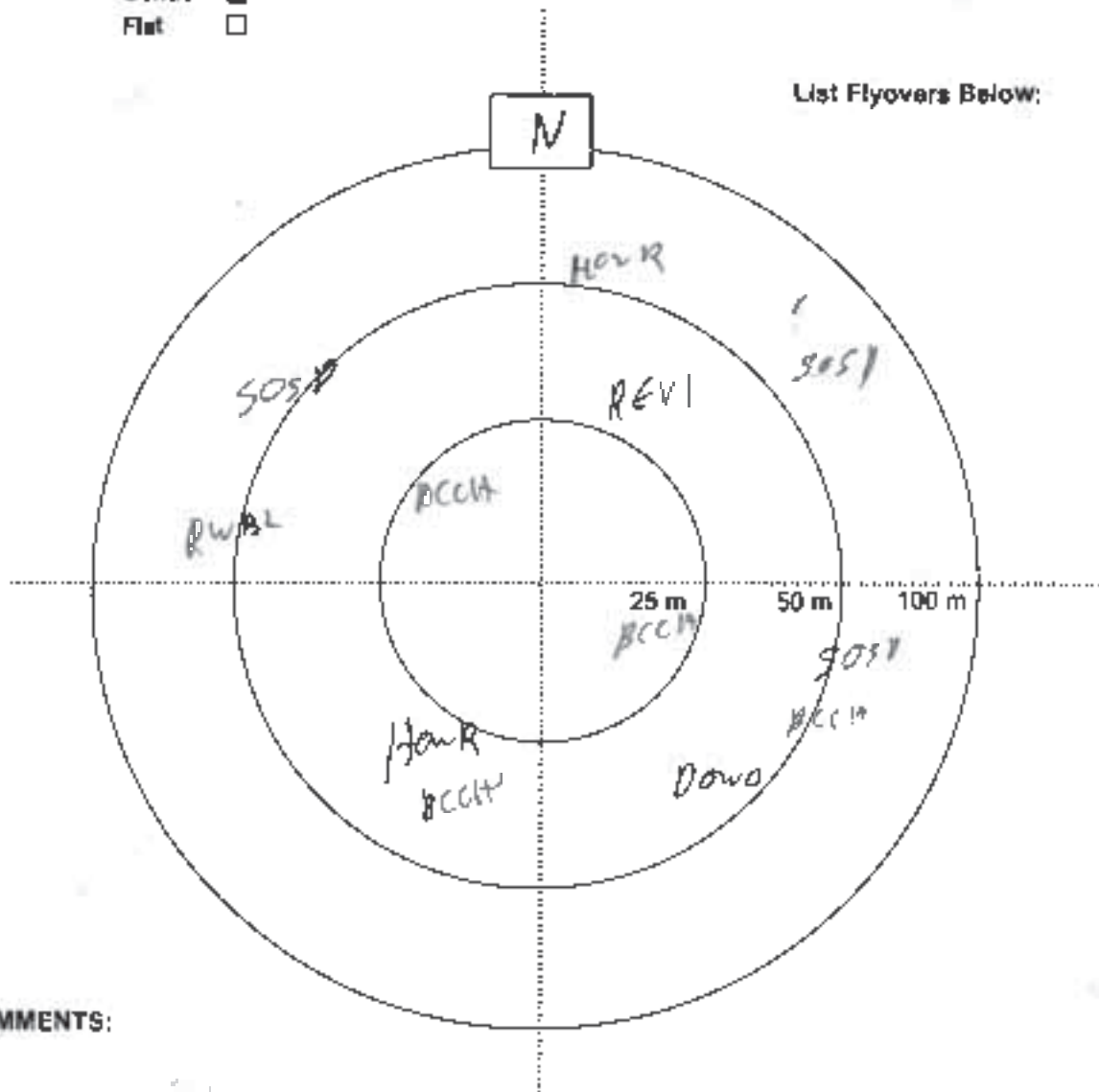


Woodland Breeding Bird Station Mapping Card

Study Area: Bluewater Goshen Jericho Parcel ID: 65H 2405/2548
 Date: July 4/12 Surveyor: S.A.M. Site ID: 648
 Time Started: 0926 Time Ended: 0936 Point Number: 1
 Slope: Vertical Steep Gentle Flat

Direction slope faces (Aspect) (ex. NE): see R1

List Flyovers Below:



COMMENTS:

CLASSIFY HABITAT (within 100 m):

CLASS	SUBCLASS	STRUCTURE	MODIFICATION
	See R1		



- Legend**
- DC - Point
 - 100m Buffer
 - 200m Buffer
 - 300m Buffer
 - 400m Buffer
 - 500m Buffer
 - 600m Buffer
 - 700m Buffer
 - 800m Buffer
 - 900m Buffer
 - 1000m Buffer
 - 1100m Buffer
 - 1200m Buffer
 - 1300m Buffer
 - 1400m Buffer
 - 1500m Buffer
 - 1600m Buffer
 - 1700m Buffer
 - 1800m Buffer
 - 1900m Buffer
 - 2000m Buffer

Prepared by: [Name]
 Date: [Date]
 Scale: 1:50,000
 North Arrow
 AECOM

Client: [Name]
 Project: [Name]
 Date: [Date]
 Page: [Page Number]

Woodland Breeding Bird Field Collection Form

AECOM

Page 1 of 1

General Information			
Study Area:	Jericho <u>Gochar</u>	Block/Parcel #:	2432
Date:	7 JUN/12	Start time:	0630
		End Time:	0640
Weather Conditions:		Field Crew:	PSB
Wind Direction:	W	Wind Scale:	2
Sky Condition:	1	Cloud Cover (%):	45
Temperature C:	14°	Field Notes By:	

Site Location
Everygreen Line SE of Exeter

Point Count Locations		
Easting:	465248	Number:
Northing:	4776475	Number:
Easting:		Number:
Northing:		Number:
Easting:		Number:
Northing:		Number:
Easting:		Number:
Northing:		Number:

Habitat Description
Height of Vegetation (m): 15-18 m
Predominant Species: Sugar Maple, Red Oak, W. Ash
Description: mature hardwood overgrown in part with heavy undergrowth in openings.

Photo Log			
Picture #	Description	Picture #	Description

- | | |
|--|--|
| Beaufort Wind Scale
0 0-2 km/hr - calm, smoke rises vertically
1 3-5 km/hr - light air, ripples on water
2 6-11 km/hr - light breeze, ripples on water
3 12-17 km/hr - breeze, small waves on water | 4 20-30 km/hr - fresh breeze, small waves on water
5 31-39 km/hr - fresh breeze - moderate wave on water
6 40-50 km/hr - strong breeze - large wave on water |
|--|--|

- | | |
|---|-------------------------------|
| Sky Condition Indicators
0 Other or too dark
1 Partly cloudy
2 Cloudy (broken) or overcast
3 Fog or haze | 4 Drizzle
5 Snow
6 Haze |
|---|-------------------------------|



Woodland Breeding Bird Data Coding Card

Study Area: Bluewater Goshen Jancho Parcel ID: _____
 Date: _____ Site ID: _____
 Time: _____ Surveyor: _____ Point Numbers: _____

Start Time	Point #	Species	Obs Code	< 50 m	> 50 m	Flyovers
0630	175	REVI	SM	2		
		DOWD	SH	1		
		WOTH	SM	1		
		HOWR	SM	2		
		EDPE	SM	1		
		NAOR	SM	1	1	
		SDSP	SM	1	2	
		GRCA	SM	1		
		GCFL	SH	1		
		BHCO	SH	1		
		AMRO	SH	1		
		AMCR	SH		1	
		EVST	SH	1		

Start time: enter time point count began
 Species: use standard codes for species abbreviations
 Obs Code: enter breeding evidence according to OGBA codes
 Flyovers: place an X to denote flyovers and/or a number to denote individuals observed to fly

Initial QA/QC by: _____ Technical QA/QC by: _____

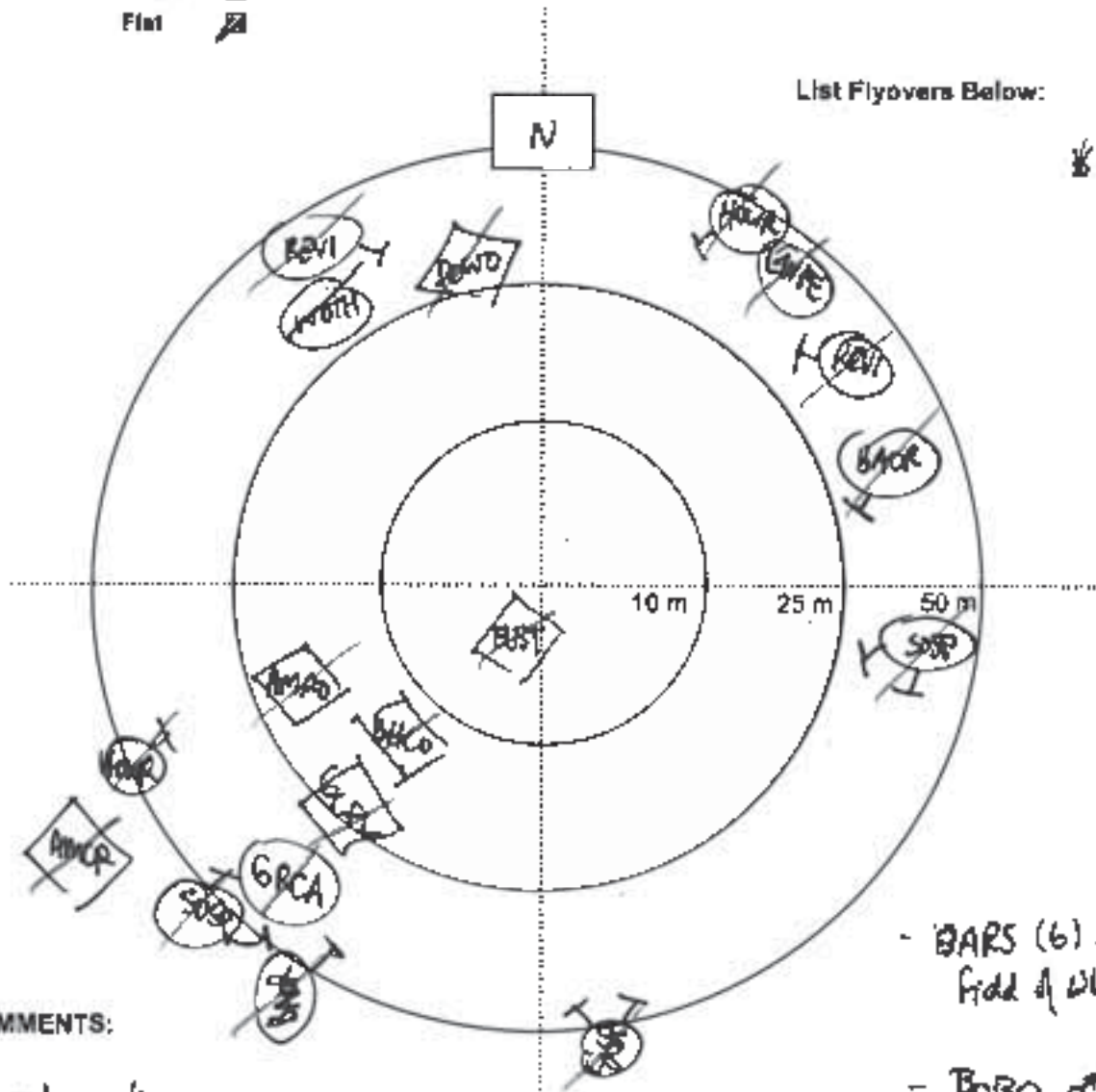
Woodland Breeding Bird Station Mapping Card

Study Area: Bluewater Goshen Jericho Parcel ID: 2432
 Date: 7 JUN 12 Surveyor: FSB Site ID: 662
 Time Started: 0630 Time Ended: 0640 Point Number: 175

Slope: Vertical
 Steep Direction slope faces (Aspect) (ex. NE): _____
 Gentle
 Flat

List Flyovers Below:

✂ forgot photos



COMMENTS:

CHSP post-count (SM)

- BARS (6) foraging over field of wheat in GSA 2435
- BOBO ♂ heard to SW of plot in GSA 2436

CLASSIFY HABITAT (within 100 m):

CLASS	SUBCLASS	STRUCTURE	MODIFICATION
A	1	CDM	26

Woodland Breeding Bird Field Collection Form

AECOM		Page 1 of 1	
General Information			
Study Area:	Jencha <u>Goshen</u> Bluewater	Parcel #: <u>65H 2432</u>	Site ID: <u>662</u>
Date:	<u>June 18/12</u>	Start time: <u>0626h</u>	End Time: <u>0636h</u>
Weather Conditions:		Field Crew:	
Wind Direction: <u>SW</u>	Wind Scale: <u>1</u>	> <u>S.A.M.</u>	
Sky Condition: <u>2</u>	Cloud Cover (%): <u>100</u>		
Temperature C: <u>17</u>			
Site Location			
<u>see R-1</u>			
Point Count Locations			
Easting: _____	Northing: _____	Number: _____	
Easting: _____	Northing: _____	Number: _____	
Easting: _____	Northing: <u>See R-1</u>	Number: _____	
Easting: _____	Northing: _____	Number: _____	
Easting: _____	Northing: _____	Number: _____	
Easting: _____	Northing: _____	Number: _____	
Habitat Description			
Height of Vegetation (m): _____			
Predominant Species: _____			
Description: <u>See R-1</u>			
Photo Log			
Picture #	Description	Picture #	Description
<u>106-924</u>	<u>North</u>		
<u>983</u>	<u>West</u>		
<u>926</u>	<u>South</u>		
<u>927</u>	<u>East</u>		
Beaufort Wind Scale			
0: 0-0.5 mph - calm, smoke rises vertically		4: 20-30 mph - dust / loose papers blow, small branches move	
1: 3-4 mph - light air, ripples on water		5: 31-38 mph - full gale, windbreaks branch moves	
2: 6-10 mph - wind lifts on bare leaves, ripples		6: 39-47 mph - strong breeze - large branch moves	
3: 12-17 mph - leaves and small twigs in constant motion			
Sky Condition Indicators			
0: Clear or few clouds		5: Drizzle	
1: Partly cloudy		7: Snow	
2: Cloudy (broken) or overcast		8: Shower	
4: Fog or Smoke			



Woodland Breeding Bird Data Coding Card

Study Area: Bluewater Goshen Jericho Parcel ID: GSH2432
Date: June 18/12 Site ID: 662
Time: 0638h Surveyor: S.A.M. Point Numbers: 1

Table with 8 columns: Start Time, Point #, Species, Obs Code, < 50 m, 50 - 100 m, Over 100 m, Flyovers. Contains handwritten data for species like SOSP, AMGO, BCCH, EAWP, GRCA, BAOK, AMRO, LEFL, RBGR, HOW, and BHCO.

Start time: enter time point count began
Species: use standard codes for species abbreviations
Obs Code: enter breeding evidence according to DBBA codes
Flyovers: place an X to denote flyovers, and/or a number to denote individuals observed in flocks.

Initial QA/QC by: Technical QA/QC by:

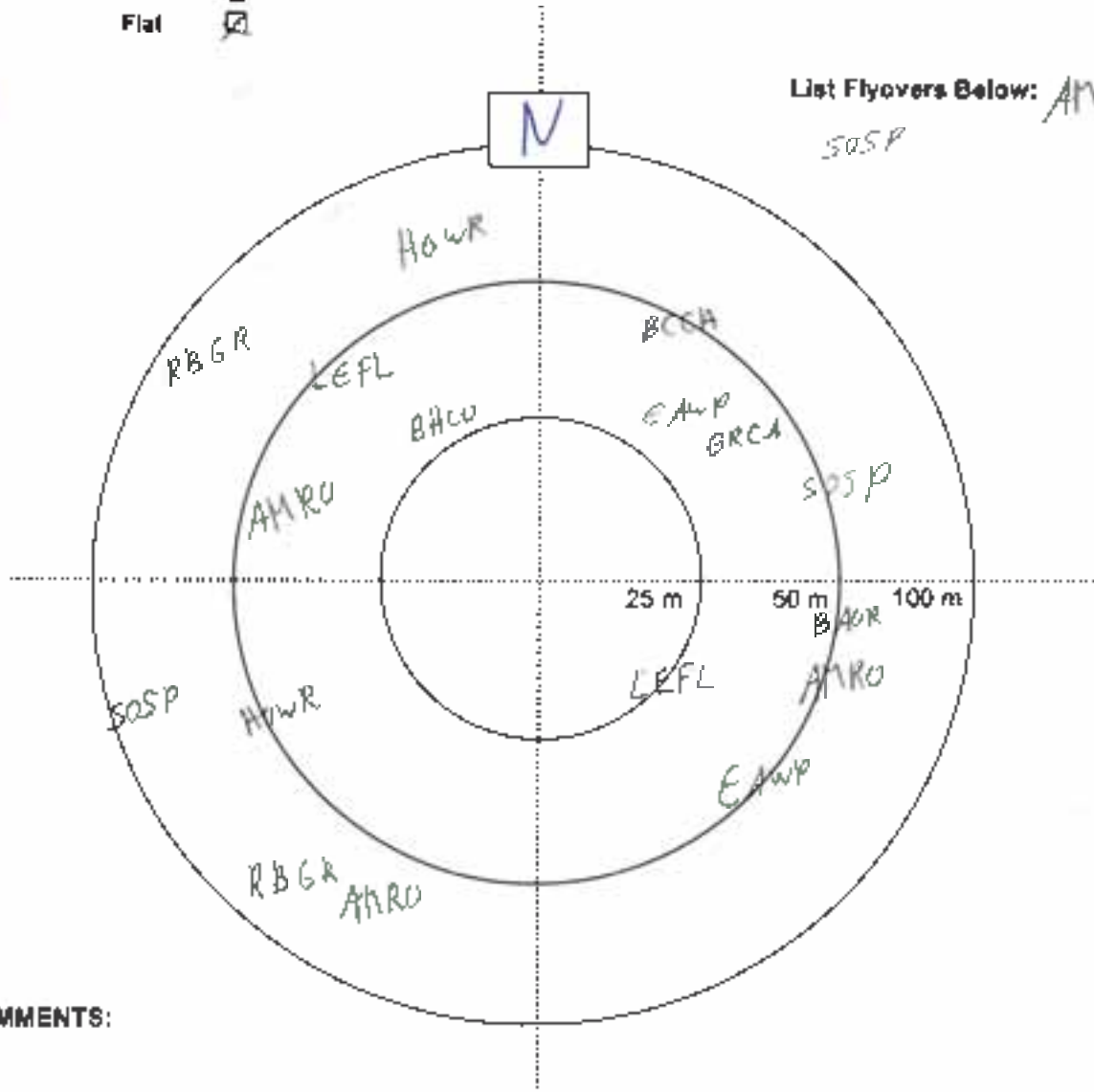


Woodland Breeding Bird Station Mapping Card

Study Area: Bluewater Goshen Jericho Parcel ID: GSH2432
 Date: June 19/12 Surveyor: S.A.M. Site ID: 662
 Time Started: 0626z Time Ended: 0636h Point Number: 1
 Slope: Vertical
 Steep Direction slope faces (Aspect) (ex. NE): _____
 Gentle
 Flat

465248
4196475

List Flyovers Below: AMCO
SOSP



COMMENTS:

CLASSIFY HABITAT (within 100 m):

CLASS	SUBCLASS	STRUCTURE	MODIFICATION
A	1	CDM	2 6

Woodland Breeding Bird Field Collection Form

AECOM

Page 1/2

General Information

Study Area: Jencha Goshen Bluewater Parcel #: 2432 Site ID: 662-GSH2432
 Date: JUN 30 2012 Start time: 09:14 End Time: 09:35

Weather Conditions:

Wind Direction: E Wind Scale: 2
 Sky Condition: 1 Cloud Cover (%): 5
 Temperature C: 25°C

Field Crew:

S. LOHNES

Field Notes By:

Site Location

Evergreen Line, SE of Exeter

Point Count Locations

Easting: _____	Northing: _____	Number: _____
Easting: _____	Northing: _____	Number: _____
Easting: <u>see R1</u>	Northing: _____	Number: _____
Easting: _____	Northing: _____	Number: _____
Easting: _____	Northing: _____	Number: _____
Easting: _____	Northing: _____	Number: _____

Habitat Description

Height of Vegetation (m): 15-18 m.
 Predominant Species:
 Description: see R1

Photo Log

Picture #	Description	Picture #	Description

Beaufort Wind Scale

- | | |
|--|--|
| 0-0.2 km/hr - calm, smoke rises vertically | 4- 20-30 km/hr - dust / loose papers blow, small branches move |
| 1- 0.3 km/hr - light air, ripples on water | 5- 31-39 km/hr - fresh breeze - moderate branch motion |
| 2- 0.6 km/hr - wind felt on face, leaves rustle | 6- 40-50 km/hr - strong breeze - large branch motion |
| 3- 1.1 km/hr - breeze, leaves and twigs in constant motion | |

Sky Condition Indicators

- | | |
|-------------------------------|-----------|
| 0 Clear or few clouds | 5 Drizzle |
| 1 Partly cloudy | 7 Snow |
| 2 Cloudy (broken) or overcast | 8 Showers |
| 4 Fog or smoke | |



Woodland Breeding Bird Data Coding Card

Study Area: Bluewater Goshan Jencho Parcel ID: 6512432
 Date: JUN 30/2013 Site ID: 662
 Time: 09:25 Surveyor: SJL Point Numbers: 1

Start Time	Point #	Species	Obs Code	Point Numbers		Flyovers
				< 80 m	> 80 m	
09:14	1	AMGD		100	100	
		NOBO				
		SOSP		2		
		REVI				
		BLCH				
		BAOR				
		WNTH				
		EUPE				
		RTHA				
		COGR				

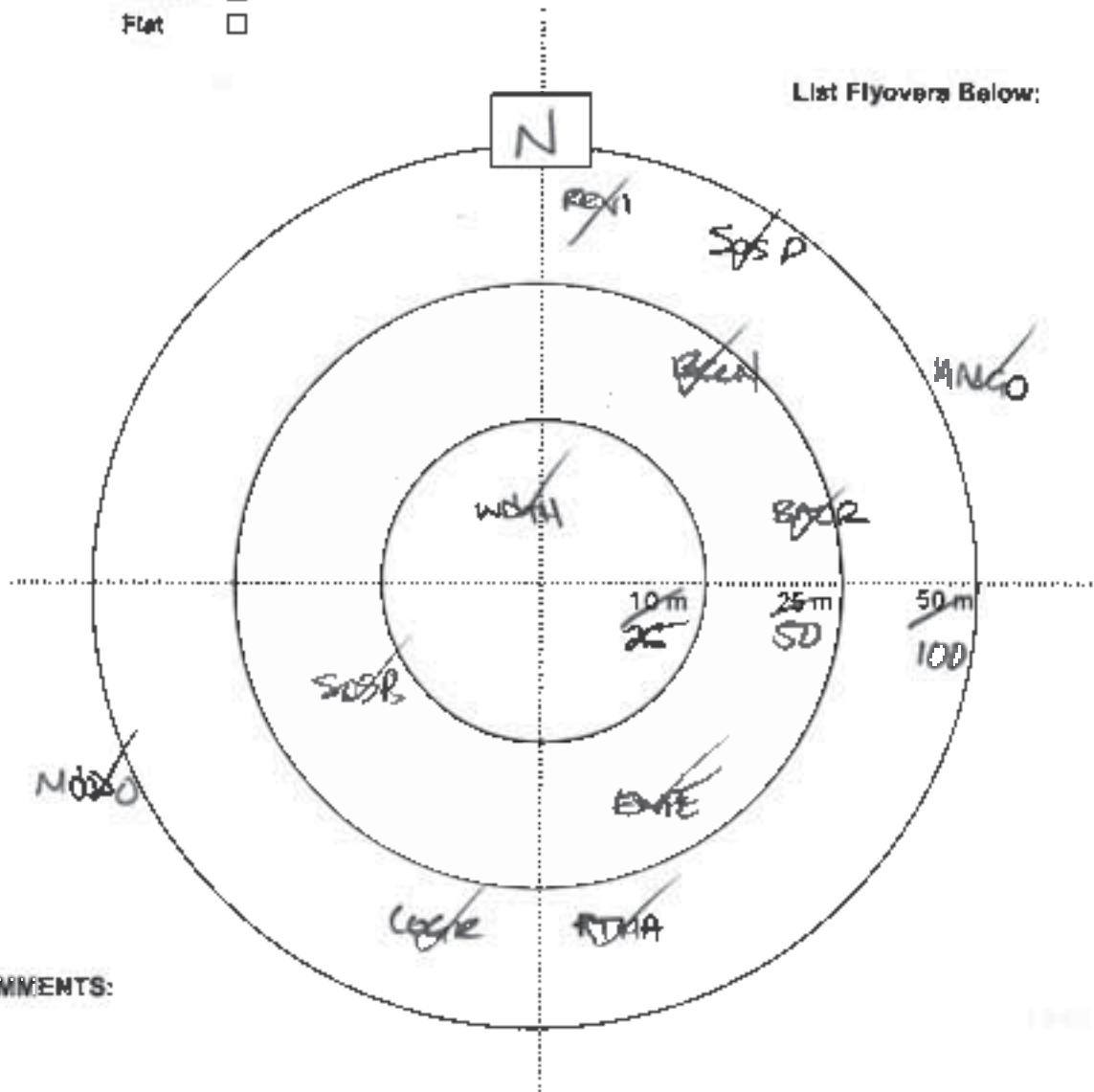
Start Time enter time point count begin
 Species use standard codes for species abbreviations
 Obs Code enter breeding evidence according to OBBA codes
 Flyovers place an X to denote flyovers, and/or a number to denote individuals observed in flocks

Initial QA/QC by: _____ Technical QA/QC by: _____

Woodland Breeding Bird Station Mapping Card

Study Area: Bluewater Goshen Jericho Parcel ID: GS12432
 Date: JUN 30 2012 Surveyor: S. LOHNES Site ID: 662-GS12432
 Time Started: 09:14 Time Ended: 09:24 Point Number: V1
 Slope: Vertical
 Steep Direction slope faces (Aspect) (ex. NE): _____
 Gentle
 Flat

List Flyovers Below:



COMMENTS:

CLASSIFY HABITAT (within 100 m):

CLASS	SUBCLASS	STRUCTURE	MODIFICATION
A	I	CDM	26

Species of Conservation Concern Habitat and Incidental Wildlife - Goashen

Map No:

Field Staff: Peter Burke

Time Started: 0753

Time Finished: 0803

Date (YYYY-MM-DD): 2012-06-12

Observed Species List

Species Code	UTM	EY	Molts	Species Code	UTM	EY	Molts
RHW0	17	43	2602	471839	P	pair in suitable breeding site.	

Notes: Evidence Codes (EY) Banded Bird (Passerid) SH=Subsist Habitat, SU=Subsist Molt, SH=Subsist Habitat, SU=Subsist Molt, T=Territory, D=Display, P=Pair, N=Nest Building, V=Visiting Nest, A=Anxiety Behavior, T=Territory, D=Display, P=Pair, N=Nest Building, V=Visiting Nest, A=Anxiety Behavior, DC=Destruction, NU=Used Nest, F=Fledgling Young, NE=Eggs, NY=Young, FS=Fossil/Fecal sack, AE=Adult Entry, DC=Destruction, NU=Used Nest, F=Fledgling Young, NE=Eggs, NY=Young, FS=Fossil/Fecal sack, AE=Adult Entry, CA=Carcass, DF=Definitive Faeces, HQ=Hoarse/Call, FY=Egg/Young, TX=Tracks, FE=Feeding evidence, SC=Scat, SM=Other signs (specify)

Other Wildlife Evidence: DB=Governed, VO=Vocalization, CA=Carcass, DF=Definitive Faeces, HQ=Hoarse/Call, FY=Egg/Young, TX=Tracks, FE=Feeding evidence, SC=Scat, SM=Other signs (specify)

ELC	Species	Habitat Description	Habitat Present (Y/N)	UTM	Observed (Y/N)
PLANT	American Grassweaver (Sporophila americana)	Shaded river banks, wooded riparian, river floodplains, woods and edges of woods	Y	N	UTM
FOOT	Blue Jay - Spring	That soil over level outcrop ledges and on soil under grasses in open prairie	Y	N	UTM
ALD, TPO	Swainson's Thrush (Geothlypis trichas)	Dry pine woods or occasionally in open, red pine or white pine plantations. Dry, sandy woods	Y	N	UTM
FOM1, FOM2, CLIP1	American Goldfinch (Carduelis tristis)	Species occur in dry to moist deciduous woods and woods	Y	N	UTM
FOC, FOM, FOD	Burning Bush (Euonymus alatus)	Species occur in dry to moist deciduous woods and woods	Y	N	UTM
SNC1, SNC2, SNC3, SNC4, SNC5, SNC6	Chinese Hemlock Parakeet (Carpodacus chinensis)	Sandy places with deciduous trees, white oaks, birch, spruce, spruce, yellow birch, well borders of streams and rivers. Also found among calcareous sedge swamps	Y	N	UTM
SNC7, SNC8, SNC9, SNC10, SNC11, SNC12, SNC13, SNC14, SNC15, SNC16, SNC17, SNC18, SNC19, SNC20, SNC21, SNC22, SNC23, SNC24, SNC25, SNC26, SNC27, SNC28, SNC29, SNC30, SNC31, SNC32, SNC33, SNC34, SNC35, SNC36, SNC37, SNC38, SNC39, SNC40, SNC41, SNC42, SNC43, SNC44, SNC45, SNC46, SNC47, SNC48, SNC49, SNC50, SNC51, SNC52, SNC53, SNC54, SNC55, SNC56, SNC57, SNC58, SNC59, SNC60, SNC61, SNC62, SNC63, SNC64, SNC65, SNC66, SNC67, SNC68, SNC69, SNC70, SNC71, SNC72, SNC73, SNC74, SNC75, SNC76, SNC77, SNC78, SNC79, SNC80, SNC81, SNC82, SNC83, SNC84, SNC85, SNC86, SNC87, SNC88, SNC89, SNC90, SNC91, SNC92, SNC93, SNC94, SNC95, SNC96, SNC97, SNC98, SNC99, SNC100	Common Nighthawk (Chordeiles f. americana)	Found in openings in swamps, marshes along shores & wet fields within the Carolinian zone and southeastern Georgian Bay. Bogs, fern, tamarack swamps. Occur in rich, wet, mesic, floodplain forests as well as mesic forests over limestone outcrops, floodplains and river banks. Species occurs in sandy areas on limestone under oak or pine oak forests	Y	N	UTM
TPO1, TPO2, TPO3, TPO4, TPO5, TPO6, TPO7, TPO8, TPO9, TPO10, TPO11, TPO12, TPO13, TPO14, TPO15, TPO16, TPO17, TPO18, TPO19, TPO20, TPO21, TPO22, TPO23, TPO24, TPO25, TPO26, TPO27, TPO28, TPO29, TPO30, TPO31, TPO32, TPO33, TPO34, TPO35, TPO36, TPO37, TPO38, TPO39, TPO40, TPO41, TPO42, TPO43, TPO44, TPO45, TPO46, TPO47, TPO48, TPO49, TPO50, TPO51, TPO52, TPO53, TPO54, TPO55, TPO56, TPO57, TPO58, TPO59, TPO60, TPO61, TPO62, TPO63, TPO64, TPO65, TPO66, TPO67, TPO68, TPO69, TPO70, TPO71, TPO72, TPO73, TPO74, TPO75, TPO76, TPO77, TPO78, TPO79, TPO80, TPO81, TPO82, TPO83, TPO84, TPO85, TPO86, TPO87, TPO88, TPO89, TPO90, TPO91, TPO92, TPO93, TPO94, TPO95, TPO96, TPO97, TPO98, TPO99, TPO100	Great Horned Owl (Bubo virginianus)	Found in mesic prairies, wetlands, moist woods, rocklands and grassy meadows	Y	N	UTM

Species of Conservation Concern Habitat and Incidental Wildlife - Goshen



ELC	Species	Habitat Description	Habitat Present (Y/N): UTM, description of habitat if present
CUM1, MAM	June - August		
FOO8, FOO7, FOO9	Queen Dragon (<i>Aristonotus drocnichus</i>) - SC/SA - Bloom Time - May and June	Species found in damp deciduous forest and along river streams. Particularly Maple forest and forest dominated by Red Ash and White Elm.	Y N UTM
TP01, TP91, TPW1, FOM1, FOM2, FOD1, FOD2, FOD3	Muddy Bluetrees (<i>Galium palustre</i>) - S3 Bloom Time - June-August	Occurs in dry, sandy woods and thickets, occasionally in dry sandy fields	Y N UTM
FE01, FE1, FE11, SMC, SPM, SVD, SMT, TPO, TP8, TPW	Muddy Waterlily (<i>Najas viridula</i>) - S1 Bloom Time - June to August	Inhabits swampy river flats and meadows, wet prairie and wooded rocky outcrops and fields	Y N UTM
FOO8, FOD7, SMM, SMD	Muddy Wood Lily (<i>Boopis viridis</i>) - S7 Bloom Time - Summer	In woodlands, often rocky, especially rivers. Rich woods, swamp forests, floodplains	Y N UTM
FOO8, FOD7, FOO9, FOD8	Heartstring-of-Paradise (<i>Edemna bulbosa</i>) - S3 Bloom Time - early to late April	Occurs in rich, moist deciduous woods, especially on floodplains	Y N UTM
SA-S1, SA-M1, SA-F1	White Pond Weed (<i>Potamogeton hillii</i>) - SC/S2 Bloom Time - summer	Aquatic plant found in highly shallow waters of streams, ponds, beaver ponds, and slow-moving cold streams	Y N UTM
FOM8, FOM7, FOM9	Large Round-leaved Orchid (<i>Phalaris macrophylla</i>) - S2 Bloom Time - June to August	Species (habitat moist mixed woods) Found in fairly mature, upland sugar maple-beech-sugar hickory woodlands	Y N UTM
MAM7, MAM5, MAS2, MAS3, SVD	Leucosty's Tail (<i>Saxifraga cernua</i>) - S3 Bloom Time - June - September	Species inhabits shores and streambanks along shallow water. As well as swamps, floodplains, shallow areas and mudflats at the borders of streams and ponds	Y N UTM
FOD8, FOD7, FOD9	Fireweed (<i>Achillea millefolium</i>) - S7 Bloom Time - March-May	Occurs in moist, deciduous woods and stream banks	Y N UTM
FOM8, FOD7, FOD9, FOD8, CUM1	White Breaking Phlox (<i>Oenothera phloxifolia</i>) - S2 Bloom Time - Late Spring - Early Summer	Mossy edges of woods and open, disturbed ground	Y N UTM
TPW1, FOM1, FOM2, FOD1, FOD2, FOD3, FOD7, SVD	Prunella Tall-stem (<i>Desmodium illinoense</i>) - S4 Bloom Time - July-September	Dry, sandy or rocky woods	Y N UTM
CUM1, ALD, FE11, SMC	Pumpkin Ash (<i>Fraxinus profunda</i>) - S2 Bloom Time - March - June	Swamps and floodplains	Y N UTM
FOD1, FOD2, FOD3, FOD4, FOD5, FOD1, FOM1, FOM2	Plain's-based Lady's-slipper (<i>Cypripedium acaule</i>) - S3 Bloom Time - mid May to mid June	Found in oak woodlands, limestone prairie and wooded ferns, moist continental prairie, dry, sandy woods, and limestone barren.	Y N UTM
FOD4, FOD5, FOD1, FOM1, FOM2	Blackish-blue Harebell (<i>Platanus virginiana</i>) - S2 Bloom Time - April - September	Species inhabits open, dry sandy woods, oak and aspen woodlands	Y N UTM
FOD8, FOD7, FOD9	Round-leaved Groundsquirrel (<i>Peromyscus leucopus</i>) - S3 Bloom Time - May - June	Found in moist woods	Y N UTM
CUM1, CUT1, CUB1	Round-leaved Harebell (<i>Conoclinium aureum</i>) - S2 Bloom Time - May - June	Species occurs in dry fields, poorly managed pastures, fence-lines and roadsides	Y N UTM
FOD8, FOD7, FOD9, FOD4, SMT2, SMT3	Scarlet Bluetables (<i>Munroa didyma</i>) - S3 Bloom Time - May to October	Found in moist, rich woods, upland swamps, banks and floodplains	Y N UTM
ALD, AL3, AL1, TPO, TP8, TPW	Shower Blazing Star (<i>Liatris cylindrica</i>) - S3	Species occurs in limestone and dolomite pavement, prairie, open woods, stream and moist sandy meadows.	Y N UTM
SBO, SBT, SBT1, TPO1, TP61, TPW1, FOD1, FOD2	Slender Rushweed (<i>Polypogon monspeliensis</i>) - S2	Found in dry, sandy, open areas in deciduous (often oak woods), prairie meadows, at edges of sand pits	Y N UTM
SOT1, FOD5, FOD9	White-flowered Lily (<i>Lilium tenuiflorum</i>) - S2	Found in rich deciduous forest on rocky or sandy soils, wooded runways, fields, and riverbanks whether in oak or beech-maple woods	Y N UTM
BLD1, BL11, BLT1, TPO2, TPO3, TPW2, MAM2, FOD7	Bluff Gambian (<i>Dieris glaucosticta</i>) - S2 Bloom Time - late summer to mid fall	Found in moist woods of streambanks, edges of woods, wet prairie, mainly meadows, bluffs and wooded fields	Y N UTM
TP61, TPW1, CUM1, FBO, SVD	Wooded Lupine (<i>Lupinus perennis</i>) - B3 Bloom Time - mid-March to mid-June	Inhabits dry, sandy oak woodlands, prairie, open barrens or clearings in woodlands of oak, jack pine, and/or aspen	Y N UTM

Species of Conservation Concern Habitat and Incidental Wildlife - Goshen



ELC	Species	Habitat Description	Habitat Present (Y/N; UTM; UTM; description of habitat if present)
TP01, TP01, TP01, CUM1	Yan Bleeding Star (<i>Liatris scariosa</i>) - S3/S3C	Occurs in open, sandy woods, dry woodlands and sandy prairies	Y N UTM.
FE0, FE3, FE7, MAM2, MAM3	Tuberous Indian Plantain (<i>Arisaema perfoliatum</i>) - S3 S3 Blossom Time - mid-March to mid-June	Occurs mainly in flat, sandy areas of the Bruce Peninsula Park, wet meadows, and calcareous near beds	Y N UTM
FO0-1, FO0-2, FO0-3, FO0-4	Woodland Pink/rose (<i>Phacelia andromedea</i>) - S7 Blossom Time - summer	Found in conifer woods, under pines, but also hemlock, spruce, fir, and white cedar. In dry or rocky soil, often with common juniper and sometimes aspen or birch	Y N UTM
CUM1, CUT1, CUM1, RB01, SB01	Yellow Ladiner-Jamesia (<i>Spiranthes ochroleuca</i>) - S7 Blossom Time - August to November	Dry, open areas, usually on acidic, sandy soil. Dry to moist; open woodland, thickets, meadows, barrens, ledges, outcrops, bents and meadows, old fields	Y N UTM;
BIRDS			
-	Gold Pipit (<i>Hedymeles leucocinctus</i>) - BC	Assesses as SPM. Record species if found	not required
DUM, SDO, RBO, TPS	Common Nighthawk (<i>Chordeiles minor</i>) - BC	Lives locally over a wide variety of habitats. In particular common in open areas	Y N UTM;
FO0, FOM	Louisiana Waterthrush (<i>Seiurus motacilla</i>) - BC	Occurs in open woods, along steeply sloped meadows adjacent to running water (rivers, bushes, exposed roots, cliffs, bents and mossy logs are favoured nesting spots. Riparian woodlands are preferred nesting sites during migration)	Y N UTM;
FO0, CUM, CUT	Red-headed Woodpecker (<i>Melanerpes formicivorus</i>) - BC	Species inhabits open woodlands, edges (cut, terraces and riparian forest), open deciduous forest with the understory fields or pasture lands with scattered large trees, wooded swamps, orchards, small woodlots or forest edges; grows of clear or shag trees require clear trees with at least 10-20cm dbh, require about 4.5m for a territory	Y N UTM 472602 47 93349 Pair in suitable breeding habitat; many large empty trees present. Showing significant behaviour;
-	Short Eared Owl (<i>Nyctaleus vociferans</i>) - BC	Assesses as SPM. Record species if found	not required
CUT1	Yellow-breasted Chat (<i>Icteria virens</i>) - BC	Much less common, but largely of shrubby fields, ponds, overgrown bushy clearings with deciduous thickets, nests above ground in bush, vine	Y N UTM
REPTILES			
-	Eastern Hibernian (<i>Thamnophis sirtalis</i>) - BC	Assesses as SPM. Record species if found	not required
-	Black-necked Streaked Snake (<i>Lampropeltis triangulum</i>) - BC	Assesses as SPM. Record species if found	not required
-	Snapping Turtle (<i>Chelydra serpentina</i>) - BC	Assesses as SPM. Record species if found	not required
INSECTS			
DAQ, SA, SMM, SMD	Acorn Blue (<i>Enallagma cyathigerum</i>) - S3	Species inhabits shallow ponds, lakes and boggy swamps	Y N UTM
TP0, TPW	Slender Duskywing (<i>Erythraea bellae</i>) - S1	Occurs in open, pine scrub, chaparral, barrens, well-drained sandy or silty soils	Y N UTM
CUM1, CUT1, CUM1	Monarch Butterfly (<i>Danaus plexippus</i>) - BC	Species regularly seen at flowers in oak woods, on the ground, and at mud puddles. These larvae only feed on milkweeds (<i>Asclepias</i> spp.). Habitat includes abandoned farmland, along roadsides, open spaces where trees plants grow	Y N UTM
TP0, CUM	Mottled Duskywing (<i>Erythraea mundana</i>) - S2	Usually seen occurring as an wet area) rarely Larvae feeds on New Jersey Tea and shrubs only found near where this plant is present	Y N UTM
SWT, SMO, SMM, FOM, FOD-3, TPW, TPS, CUM1	Tweedy Emperor (<i>Asterocampa cythera</i>) - S3	Species (larvae) densely wooded riparian areas, dry woods, open woods, barrens and ponds. Usually occurs near Hackberry, the larval food plant	Y N UTM.
FO05	West Virginia White (<i>Phaenocarpa nigricollis</i>) - BC	This species is restricted to rich, moist, deciduous woods, where its larval food plant occurs	Y N UTM



- Legend**
- CP Tolerance
 - Easement Line
 - Parcel Line
 - Area of Circumference
 - Natural Feature Area ID
 - ADCA Assessment
 - Property Boundary
 - Permit Line (400' x 100' x 1)
 - Permit Line Buffer (100' x 1)

North Arrow

Resolving the 2016 permit at map location
 03112000B
 03112000C
 03112000D
 03112000E



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Customer: Residential Sewerage Bed Removal
720 GSH43940H3002
 SCB-03
 May 2017
 Project #03112000

AECOM

Woodland Breeding Bird Field Collection Form

ABCOM

Page 1 / 1

General Information			
Study Area:	Jericho	Goshen	Bluewater Parcel #: GSH 3062 Site ID: 720-GSH3062
Date:	May 30/12	Start time: 0821	End Time: 0915
Weather Conditions:		Field Crew: S. Parnanen	
Wind Direction:	-	Wind Scale:	0
Sky Condition:	0	Cloud Cover (%):	0
Temperature C:	18	Field Notes By: S. Parnanen	

Site Location
South west corner of Kirkton Rd. and Plugtown line.

Point Count Locations			
Easting:	0472602	Northing:	4792349
Number:		Number:	1 (010)
Easting:		Northing:	
Number:		Number:	
Easting:		Northing:	
Number:		Number:	
Easting:		Northing:	
Number:		Number:	
Easting:		Northing:	
Number:		Number:	

Habitat Description
Height of Vegetation (m): 20-23
Predominant Species: Sugar maple
Description: Very mixed deciduous woodlot with many different sp. (beech, elm, ash)

Photo Log			
Picture #	Description	Picture #	Description
4568	Sta 1 - W		
4569	Sta 1 - S		
4570	Sta 2 - E		
4571	Sta 2 - N		
4572	W W		

Beaufort Wind Scale	0: 0-2 km/hr - calm, smoke rises vertically	4: 20-30 km/hr - dust / loose papers blow, small branches move
	1: 3-5 km/hr - light air movement	5: 31-39 km/hr - fresh breeze - moderate branch moves
	2: 6-11 km/hr - wind felt on face, leaves rustle	6: 40-49 km/hr - strong breeze - large branch moves
	3: 12-19 km/hr - breeze and flags in constant motion	
Sky Condition Indicators	0 Clear or few clouds	4 Drizzle
	1 Partly cloudy	7 Snow
	2 Cloudy (broken) or overcast	8 Showers
	4 Fog or smoke	

Study Area: Bluewater

Goshen

Jericho

Parcel ID: 65H 3062

Date: May 30/12

Site ID: 720-65H3062

Time: 0821

Surveyor: S. Peranen

Point Numbers: 1

Start Time	Point #	Species	Obs Code	< 50 m	> 50 m	Flyovers	
0837	1	BAOR	S	1			
↓	↓	RBGR	S	1			
		SOSP	S	2	1		
		GRHE	X	1			
		RBWO	H	1			
		BLWA	H	2			
		NOEL	P	2			
		HOWR	S			1	
		EAWP	S			1	
		AMRO	S			1	
		DOWO	H			1	
		GCFL	H	1			
		GROW	FY	1			
		GRCA	H			1	

Start Time: enter time point count began

Species: use standard codes for species abbreviations

Obs Code: enter breeding evidence according to DBEA codes

Flyovers: place an X to denote flyovers, and/or a number to denote individuals observed in flocks

Initial QA/QC by:

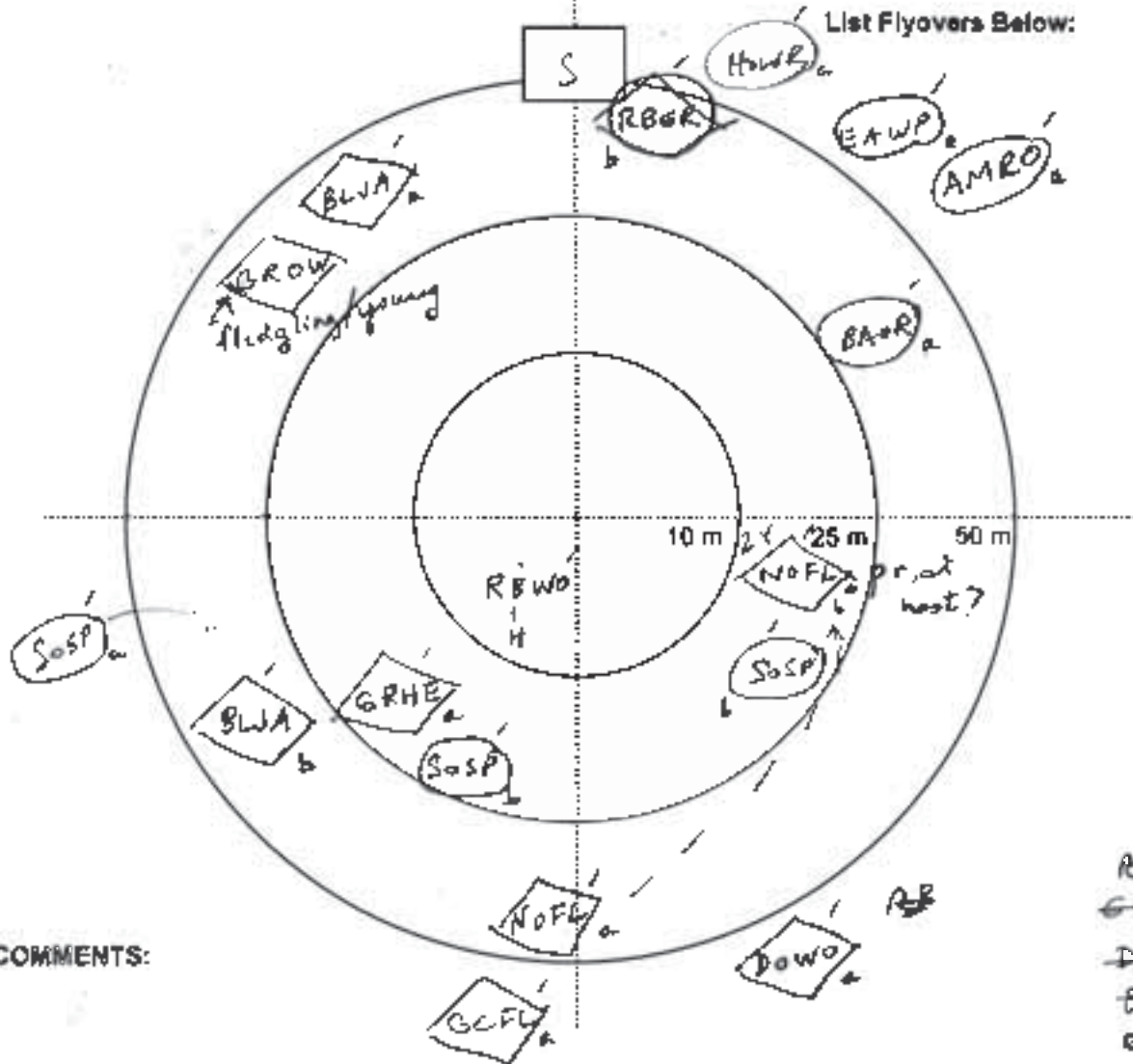
Technical QA/QC by:



Woodland Breeding Bird Station Mapping Card

Study Area: Bluewater Goshen Jericho Parcel ID: CSH 3002
 Date: May 30/12 Surveyor: S. Peranen Site ID: 720-CSH3002
 Time Started: 0857 Time Ended: 0847 Point Number: 1

Slope: Vertical
 Steep Direction slope faces (ex. NE): W
 Gentle
 Flat



List Flyovers Below:

Before/after
 RBGR SOSP
 GCFV
 DOWO
 BAOR
 GRCA - H
 EAUP
 NOFL

COMMENTS:

CLASSIFY HABITAT (within 100 m):

CLASS	SUBCLASS	STRUCTURE	MODIFICATION
A	I	C, E, H, K	3

Woodland Breeding Bird Field Collection Form

AECOM		Page 1 / 1	
General Information			
Study Area: Jencho OSB Bluewater	Parcel #: 658 2499/3062	Site ID: 600-2499/3062-720	
Date: 22 JUN/12	Start time: 0753	End Time: 0803	
Weather Conditions:		Field Crew:	
Wind Direction: NW	Wind Scale: 5	PSB GNS	
Sky Condition: 0	Cloud Cover (%): 10		
Temperature C: 19°			
Site Location			
Kirketon Rd. S side ; E of Sunshine Rd.			
Point Count Locations			
Easting: _____	Northing: _____	Number: _____	
Easting: _____	Northing: _____	Number: _____	
Easting: _____	Northing: _____	Number: _____	
Easting: _____	Northing: _____	Number: _____	
Easting: _____	Northing: _____	Number: _____	
Easting: _____	Northing: _____	Number: _____	
Habitat Description			
Height of Vegetation (m): _____			
Predominant Species: _____			
Description: _____			
Photo Log			
Picture #	Description	Picture #	Description
0 0-2 knots - calm, smoke rises vertically 1 3-5 knots - light air, vegetation 2 6-11 knots - wind lifts on face, leaves rattle 3 12-18 knots - branches begin to sway 4 20-30 knots - dust / loose papers blow, small branches move 5 31-50 knots - trees begin to - moderate branch move 6 38-48 knots - strong gusts - large branch move			
0 Clear or few clouds 1 Partly cloudy 2 (Cloudy / broken) or overcast 3 Fog or Smog 4 Dabble 5 Snow 6 Showers			

Woodland Breeding Bird Field Collection Form

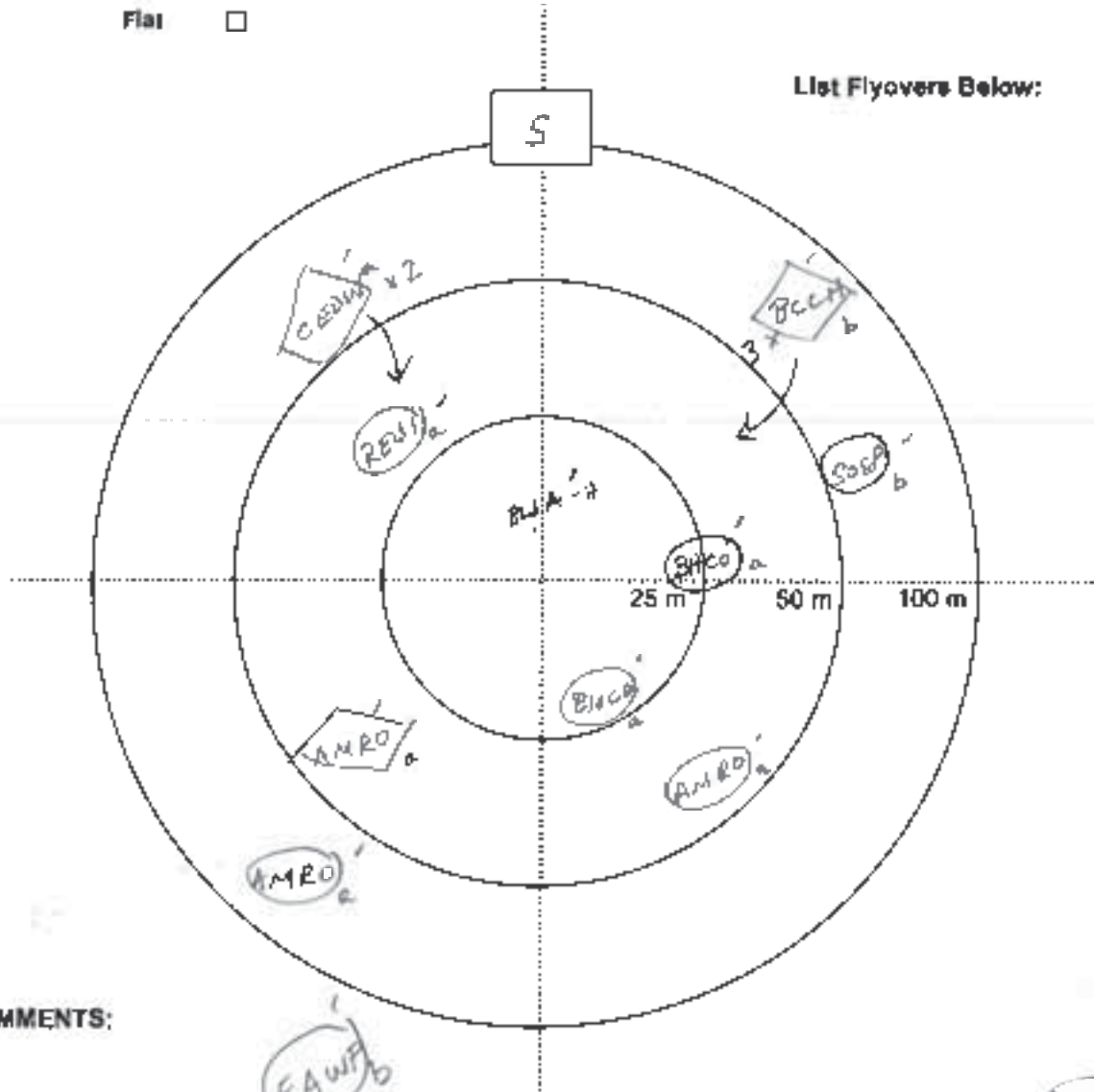
AECOM		Page 1 / __	
General Information			
Study Area: Jericho <u>Goshen</u> Bluewater Parcel #: <u>G08 3062</u> Site ID: <u>720</u>			
Date: <u>2 JUL/12</u> Start time: <u>0638</u> End Time: <u>0648</u>			
Weather Conditions: Wind Direction: <u>NW</u> Wind Scale: <u>0-1</u> Sky Condition: <u>0</u> Cloud Cover (%): <u>0</u> Temperature C: <u>16'</u>		Field Crew: <u>RSD</u> Field Notes By: _____	
Site Location			
<u>Kirkton Rd.</u>			
Point Count Locations			
Easting: _____	Northing: _____	Number: _____	
Easting: _____	Northing: _____	Number: _____	
Easting: _____	Northing: _____	Number: _____	
Easting: _____	Northing: _____	Number: _____	
Easting: _____	Northing: _____	Number: _____	
Easting: _____	Northing: _____	Number: _____	
Habitat Description			
Height of Vegetation (m): _____			
Predominant Species: _____			
Description: _____			
Photo Log			
Picture #	Description	Picture #	Description
Beaufort Wind Scale	0 0-2 km/hr - calm, smoke rises vertically	4 20-30 km/hr - dust/loose papers blown, small branches move	
	1 3-5 km/hr - light air movement	5 31-50 km/hr - broken papers, moderate branch motion	
	2 6-11 km/hr - wind ripples hair, waves ripple	6 51-68 km/hr - strong breeze - large branch motion	
	3 12-19 km/hr - leaves small twigs & cones move		
Sky Condition Indicators	0 Clear or less clouds	5 Drizzle	
	1 Partly cloudy	7 Snow	
	2 Cloudy (broken) or overcast	8 Shower	
	4 Fog or Smoke		



Woodland Breeding Bird Station Mapping Card

Study Area: Bluewater Goshen Jericho Parcel ID: GSH 2590
 Date: June 13/12 Surveyor: S. Parnanen Site ID: 721-GSH2590
 Time Started: 0811 Time Ended: 0821 Point Number: 1
 Slope: Vertical
 Steep Direction slope faces (Aspect) (ex. NE): SW
 Gentle
 Flat

List Flyovers Below:



COMMENTS:

EAWH

BAOR
RBGR
CEW
INBY

CLASSIFY HABITAT (within 100 m):

CLASS	SUBCLASS	STRUCTURE	MODIFICATION
A	I	A, D, H, K	3



Woodland Breeding Bird Station Mapping Card

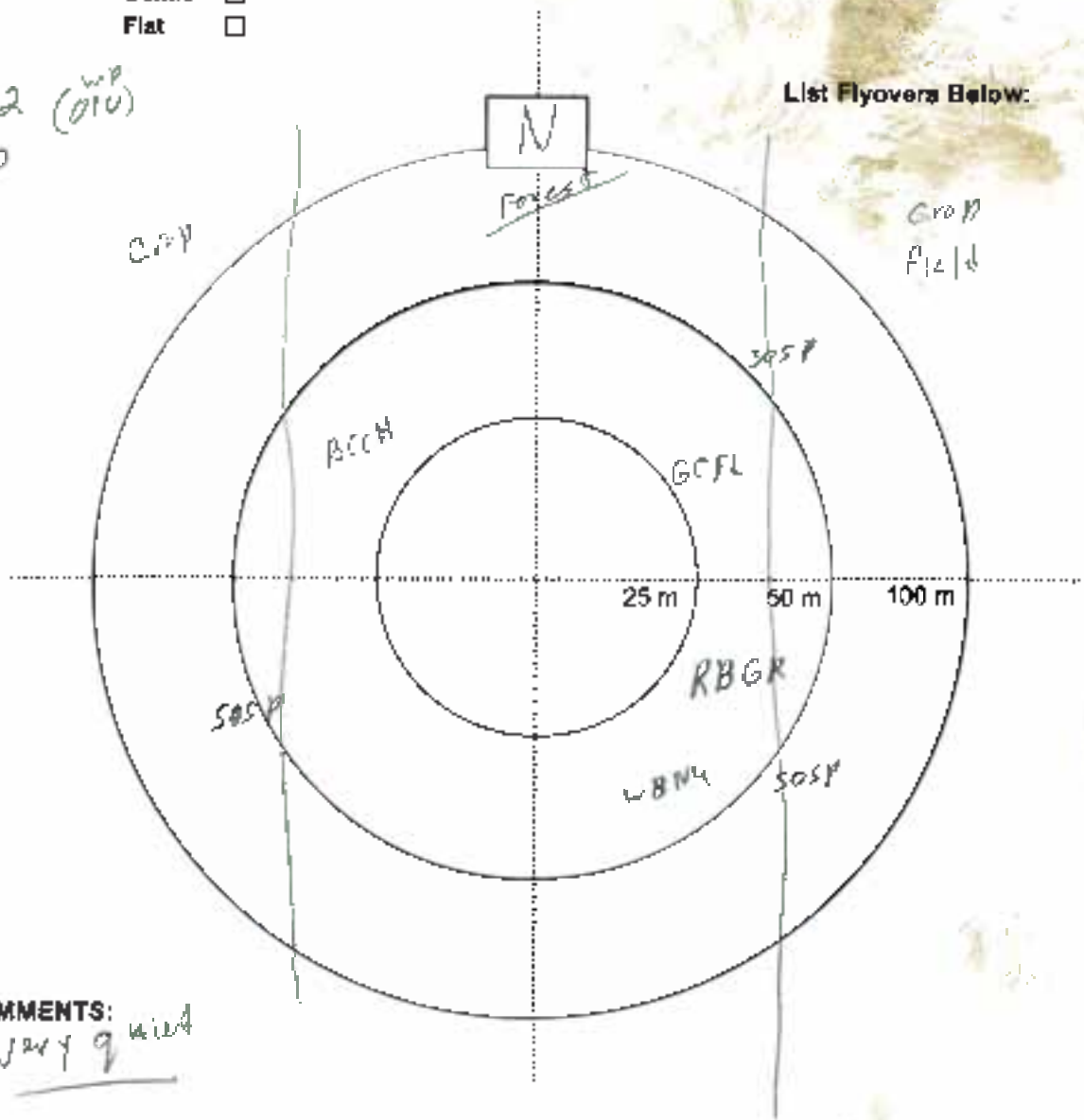
Study Area: Bluewater Goshen Jericho Parcel ID: GSH2590
 Date: June 26/12 Surveyor: S.A.M. Site ID: 721
 Time Started: 0919h Time Ended: 0929h Point Number: 1

Slope: Vertical
 Steep Direction slope faces (Aspect) (ex. NE): _____
 Gentle
 Flat

4726 32 (WP)
 479 7610

List Flyovers Below:

Grass
 Field



COMMENTS:
Very quiet

CLASSIFY HABITAT (within 100 m):

CLASS	SUBCLASS	STRUCTURE	MODIFICATION
	SOSP	R1	

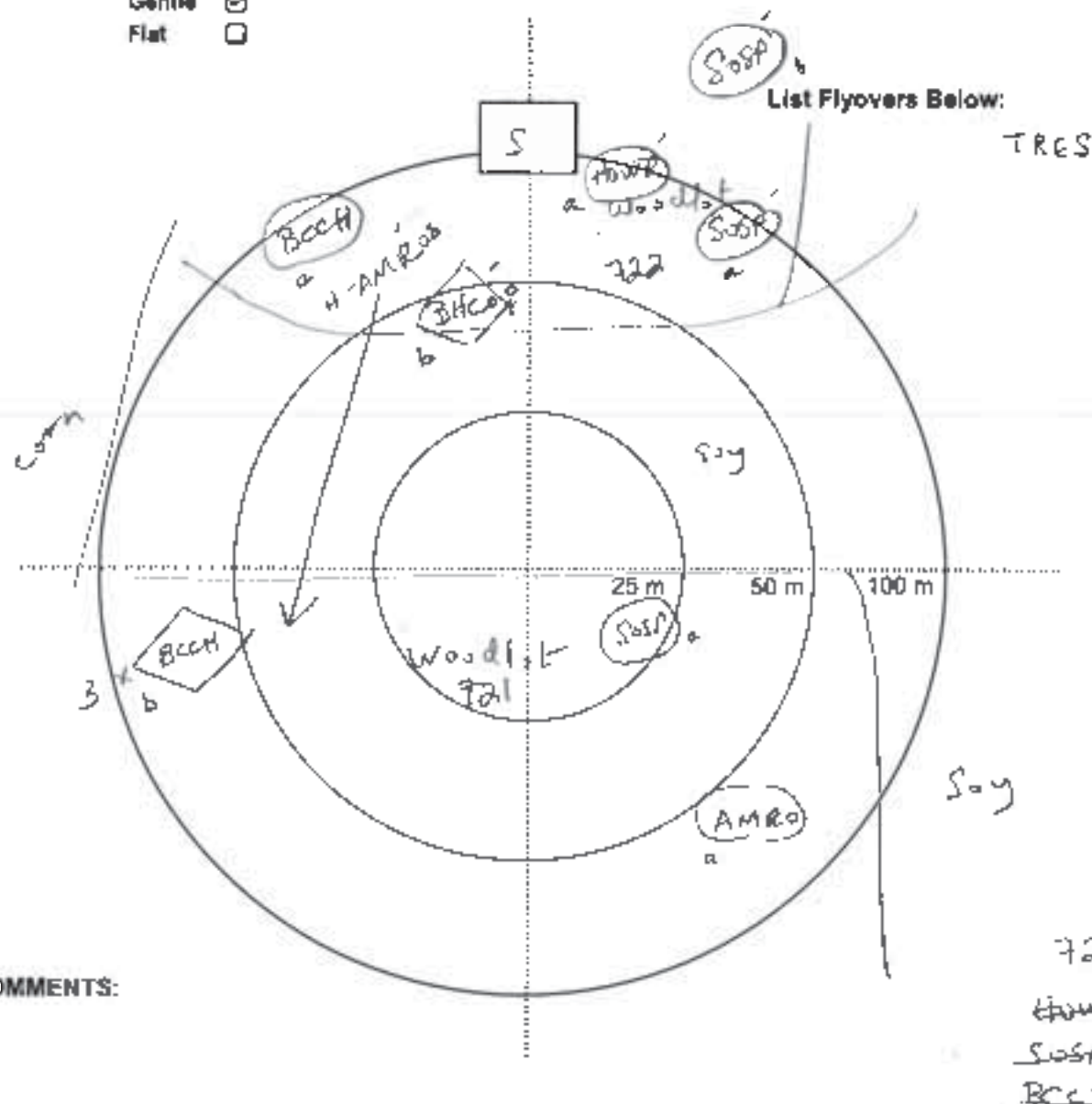
Woodland Breeding Bird Field Collection Form

AECOM		Page 1 / <u> </u>	
General Information			
Study Area: <u>Jencho</u> <u>Cashen</u> <u>Bluestwater</u>	Parcel #: <u>2590</u>	Site ID: <u>65H 2590</u>	
Date: <u>6 JUL 12</u>	Start Time: <u>0856</u>	End Time: <u> </u>	
Weather Conditions:		Field Crew: <u>PSB</u>	
Wind Direction: <u>Ø</u>	Wind Scale: <u>0</u>	Field Notes By: <u> </u>	
Sky Condition: <u>0</u>	Cloud Cover (%): <u>0</u>		
Temperature C: <u>22</u>			
Site Location			
<u>Kidston Rd. S + E of Sunshine Rd</u>			
Point Count Locations			
Easting: _____	Northing: _____	Number: <u>1</u>	
Easting: _____	Northing: _____	Number: _____	
Easting: _____	Northing: _____	Number: _____	
Easting: _____	Northing: _____	Number: _____	
Easting: _____	Northing: _____	Number: _____	
Easting: _____	Northing: _____	Number: _____	
Habitat Description			
Height of Vegetation (m): _____			
Predominant Species: _____			
Description: _____			
Photo Log			
Picture #	Description	Picture #	Description
Beaufort Wind Scale			
0	0-2 km/hr - calm, smoke rises vertically	1	20-30 km/hr - light breeze, ripples on water
1	3-5 km/hr - light air, movement	2	31-35 km/hr - fresh breeze, moderate branch sway
2	6-11 km/hr - wind felt on face, leaves rustle	3	36-45 km/hr - strong breeze, large branch sway
3	12-18 km/hr - breeze, small twigs & light paper		
Sky Condition Indicators			
0	Clear or few clouds	5	Drizzle
1	Partly cloudy	T	Thunder
3	Cloudy (50-80% or greater)		
4	Fog or Smoke		

Woodland Breeding Bird Station Mapping Card

Study Area: Bluewater Goshan Jaricho Parcel ID: GSH2590
 Date: June 13/12 Surveyor: S. Pernaiah Site ID: 722-GSH2590
 Time Started: 0856 Time Ended: 0906 Point Number: _____

Slope: Vertical
 Steep Direction slope faces (Aspect) (ex. NE): W
 Gentle
 Flat



COMMENTS:

CLASSIFY HABITAT (within 100 m):

CLASS	SUBCLASS	STRUCTURE	MODIFICATION
A	I	C, D, M	unk n min

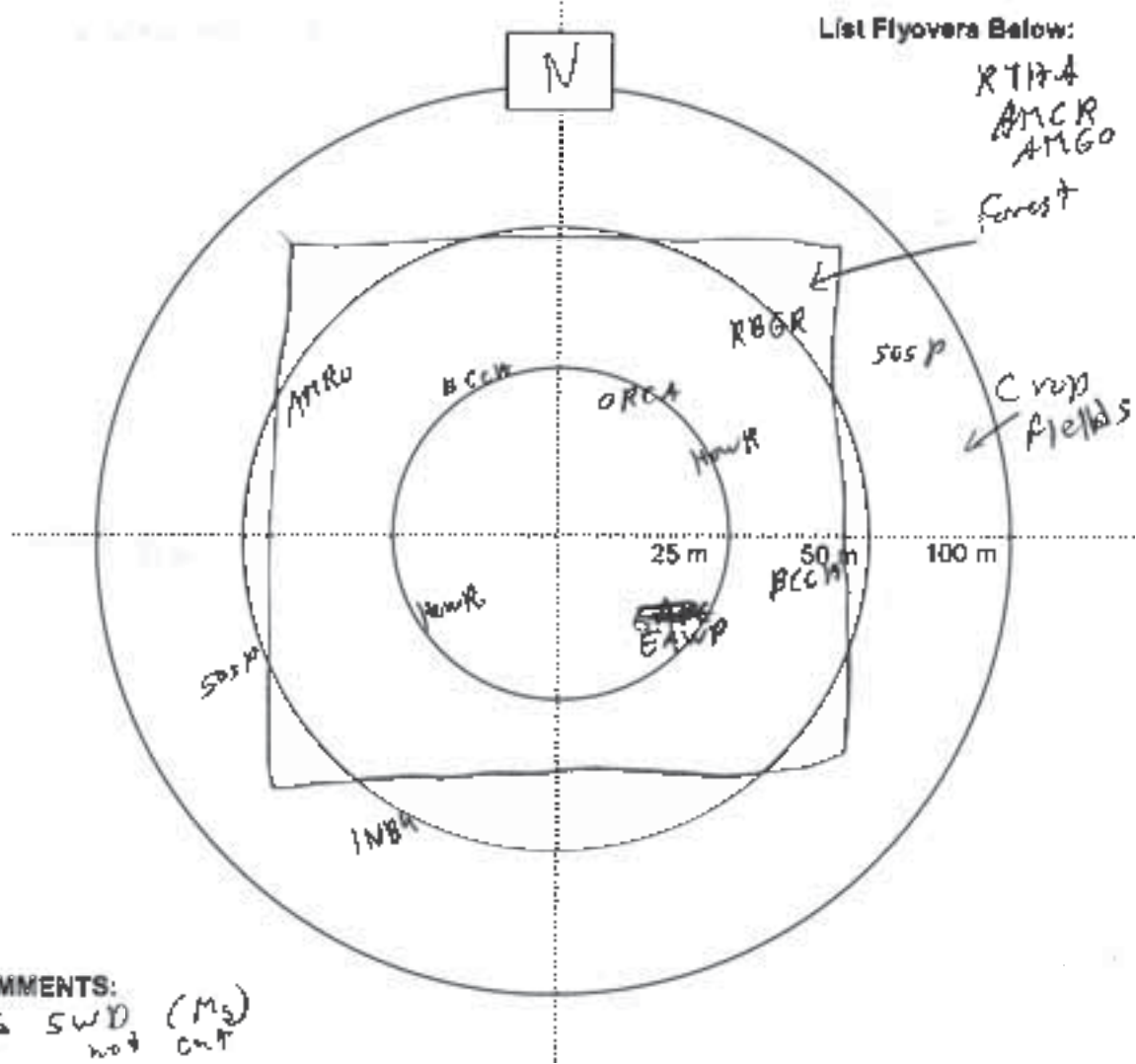
Woodland Breeding Bird Field Collection Form

AECOM		Page 17	
General Information			
Study Area:	Jericho <u>Goshen</u> Bluewater Parcel #: <u>GSH2591</u>	Site ID:	<u>722</u>
Date:	<u>June 26/12</u>	Start time:	<u>0938h</u>
		End Time:	<u>0948h</u>
Weather Conditions:		Field Crew:	
Wind Direction:	<u>NW</u>	Wind Scale:	<u>2</u>
Sky Condition:	<u>1</u>	Cloud Cover (%):	<u>20</u>
Temperature C:	<u>19</u>	Field Notes By:	<u>S.A.M.</u>
Site Location			
see R-1			
Point Count Locations			
Easting:	<u>472684</u>	Northing:	<u>4797292</u>
Number:		Number:	<u>1 (wpo 1)</u>
Easting:		Northing:	
Number:		Number:	
Easting:		Northing:	
Number:		Number:	
Easting:		Northing:	
Number:		Number:	
Easting:		Northing:	
Number:		Number:	
Habitat Description			
Height of Vegetation (m): <u>15-20-</u>			
Predominant Species: <u>Silver Maple, Blt Hermit Hickory, Green Ash, Blue Beech</u>			
Description: <u>Silver Maple Swamp (currently Dry)</u> <u>- very little herb layer due to ephemeral flooding</u>			
Photo Log			
Picture #	Description	Picture #	Description
<u>107-0147</u>	<u>N from point count</u>		
<u>0148</u>	<u>W</u>		
<u>0149</u>	<u>E</u>		
<u>107-0190</u>	<u>E</u>		
Equivalent Wind Scale	0 0-2 km/hr - calm, smoke rises vertically	4 20-30 km/hr - dust / loose papers blow - small branches move	
	1 3-5 km/hr - light air movement	5 31-38 km/hr - light breeze - moderate branch motion	
	2 6-11 km/hr - wind felt on face, raised dust	6 39-49 km/hr - strong breeze - large branch moves	
	3 12-18 km/hr - leaves small twigs in constant motion		
Sky Condition Indicators	0 Clear or few clouds	5 Overcast	
	1 Partly cloudy	7 Snow	
	2 Cloudy (broken) or overcast	8 Showers	
	4 Fog or Smoke		

Woodland Breeding Bird Station Mapping Card

Study Area: Blueswater Goshen Jaricho Parcel ID: 65H 2591
 Date: June 26/12 Surveyor: S.A.M. Site ID: 8722
 Time Started: 0938 h Time Ended: 0948 h Point Number: 1

Slope: Vertical
 Steep Direction slope faces (Aspect) (ex. NE): _____
 Gentle
 Flat



COMMENTS:
 SWD (Ms) not cut

CLASSIFY HABITAT (within 100 m):

CLASS	SUBCLASS	STRUCTURE	MODIFICATION
A	I	C E G H	I

Woodland Breeding Bird Field Collection Form

AECOM		Page 1 / 1	
General Information			
Study Area:	Jarcho Qishari Bluewater	Parcel #:	OSH 3067/2591 Site ID: 3067/2591-722
Date:	6 JUL/12	Start Time:	0615
End Time:		0625	
Weather Conditions:		Field Crew:	
Wind Director:	0	Wind Scale:	0
Sky Condition:	0	Cloud Cover (%):	0
Temperature C:	23	Field Notes By:	
Site Location			
SE of Kirkton / Sunshine Ln.			
Point Count Locations			
Easting:	_____	Northing:	_____
Number:	_____	Number:	_____
Easting:	_____	Northing:	_____
Number:	_____	Number:	_____
Easting:	_____	Northing:	_____
Number:	_____	Number:	_____
Easting:	_____	Northing:	_____
Number:	_____	Number:	_____
Easting:	_____	Northing:	_____
Number:	_____	Number:	_____
Habitat Description			
Height of Vegetation (m): _____			
Predominant Species: _____			
Description: _____			
Photo Log			
Picture #	Description	Picture #	Description
Beaufort Wind Scale		0 0-2 km/hr - calm, smoke rises vertically 1 3-5 km/hr - light air movement 2 6-11 km/hr - wind felt on face, leaves rustle 3 12-18 km/hr - leaves and small twigs in constant motion 4 20-30 km/hr - dust, loose papers blown about, small branches move 5 31-38 km/hr - break twigs - moderate branch motion 6 39-49 km/hr - strong breeze - large branch motion	
Sky Condition Indicators		0 Clear or few clouds 1 Partly cloudy 2 Cloudy (broken) or overcast 3 Fog or drizzle 4 Clouds 5 Rain 6 Squalls	

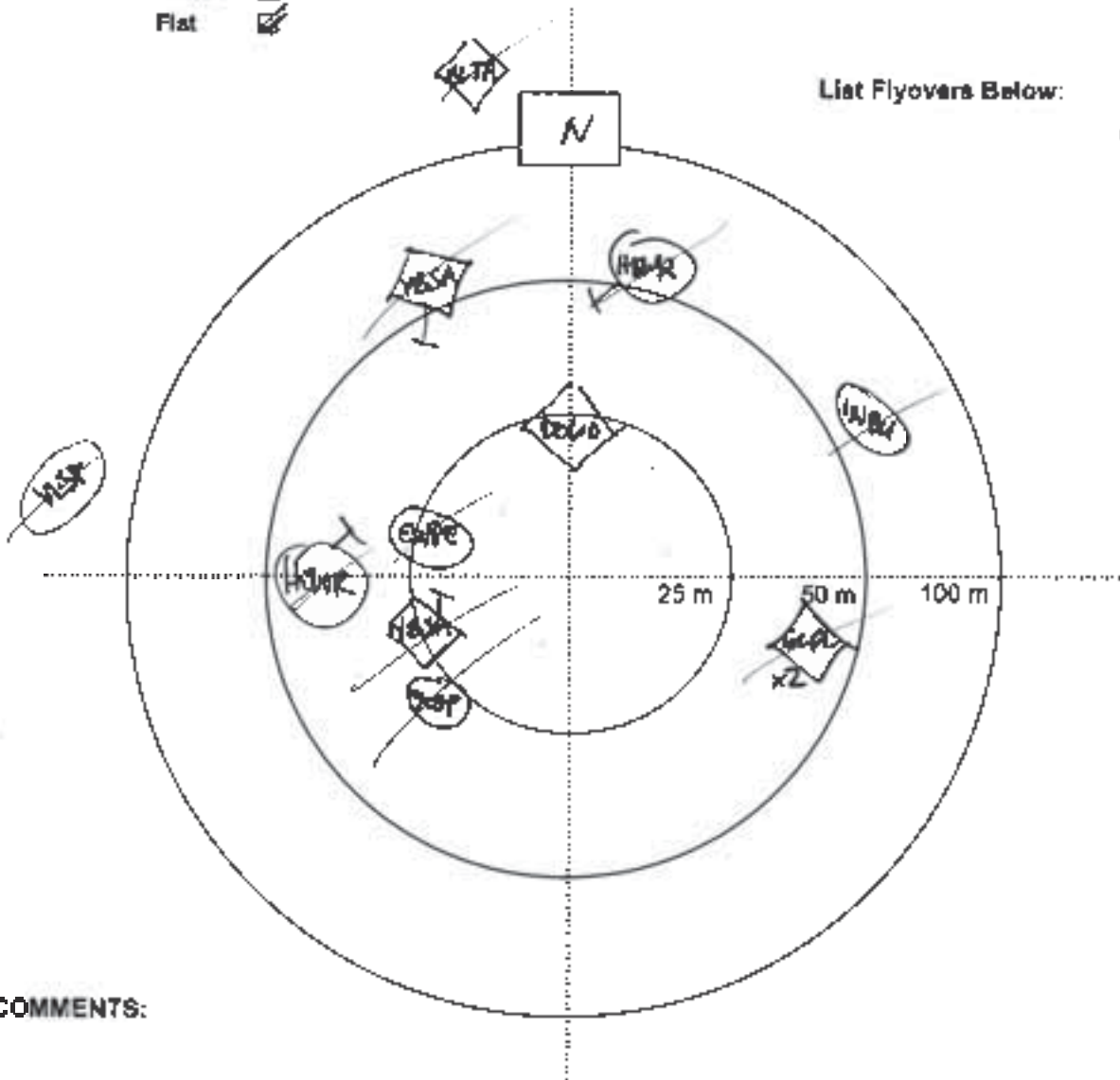


Woodland Breeding Bird Station Mapping Card

Study Area: Bluewater Goshen Jaricho Parcel ID: GA 3067/2591
 Date: 6 July 12 Surveyor: PSB Site ID: 722
 Time Started: 0615 Time Ended: 0625 Point Number: 1

Slope: Vertical
 Steep Direction slope faces (Aspect) (ex. NE): _____
 Gentle
 Flat

List Flyovers Below: COGR II



COMMENTS:

CLASSIFY HABITAT (within 100 m):

CLASS	SUBCLASS	STRUCTURE	MODIFICATION