

**Reptile Survey**

DRAFT

<b>ELC</b>  <b>WILDLIFE</b>	SITE: SH#1 (near T-40)	
	POLYGON: FDDS-8	
	DATE: April 25, 2012	
	SURVEYOR(S): CP	
	START TIME: 1550	END TIME: 1630

TEMP (°C): 14°C	CLOUD (10th): 0	WIND: 1	PRECIPITATION: NO
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CONDITIONS: Sunny, 1st warm day in a week
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POTENTIAL WILDLIFE HABITAT:			
<input type="checkbox"/>	VERNAL POOLS	<input type="checkbox"/>	SNAGS
<input checked="" type="checkbox"/>	HIBERNACULA (snakes)	<input checked="" type="checkbox"/>	FALLEN LOGS

SPECIES LIST:									
TY	SP. CODE	EV	NOTES	#	TY	SP. CODE	EV	NOTES	#
OB	field mouse								
OB	wild turkey (hen)								

- FAUNAL TYPE CODES (TY):**  
 B = BIRD M = MAMMAL H = HERPETOFAUNA L = LEPIDOPTERA F = FISH O = OTHER
- EVIDENCE CODES (EV):**  
 BREEDING BIRD - POSSIBLE:  
 SH = SUITABLE HABITAT SM = SINGING MALE
- BREEDING BIRD - PROBABLE:**  
 T = TERRITORY D = DISPLAY P = PAIR  
 A = ANXIETY BEHAVIOUR N = NEST BUILDING V = VISITING NEST
- BREEDING BIRD - CONFIRMED:**  
 DD = DISTRACTION NU = USED NEST FY = FLEDGED YOUNG  
 NE = EGGS NY = YOUNG FS = FOOD/FAECAL SACK  
 AE = NEST ENTRY
- OTHER WILDLIFE EVIDENCE:**  
 OB = OBSERVED VO = VOCALIZATION CA = CARCASS  
 DP = DISTINCTIVE PARTS HO = HOUSE/DEN FY = EGGS OR YOUNG  
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 SI = OTHER SIGNS (specify)

NOTES:

- Located S of Turnbull Rd bridge
- many concrete, rock rubble piles
- wood debris, rubbish along woodlot edge, soil mounds
- appears to be suitable snake hibernacula although no individuals observed
- 40 minutes of observation although no snake observations
- observed 1 field mouse, 1 wild turkey (hen)
- good conditions for snakes to be out basking/gestation

LEVEL

<b>ELC</b>  WILDLIFE	SITE: SH#2 (west of T42)	
	POLYGON: FDD4-2	
	DATE: April 25, 12	
	SURVEYOR(S): CP	
	START TIME: 1700	END TIME: 1730

TEMP (°C): 14	CLOUD (10th): 0	WIND: 1	PRECIPITATION: non
CONDITIONS: Sunny, first warm day this week			

POTENTIAL WILDLIFE HABITAT:	
<input type="checkbox"/> VERNAL POOLS <input checked="" type="checkbox"/> HIBERNACULA	<input type="checkbox"/> SNAGS <input checked="" type="checkbox"/> FALLEN LOGS

SPECIES LIST:									
TY	SP. CODE	EV	NOTES	#	TY	SP. CODE	EV	NOTES	#

**FAUNAL TYPE CODES (TY):**  
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NOTES:  
- 2 rock piles and wood debris  
- shallow drain flows north along woodlot and west along north side of woodlot  
- drain is very shallow, potential fish habitat  
- no observations of wildlife

LEVEL

<b>ELC</b>  <b>WILDLIFE</b>	SITE: (north of T-31)	
	POLYGON: FODS-8	
	DATE: APRIL 25, 12	
	SURVEYOR(S): CP	
	START TIME: 1800	END TIME: 1900

TEMP (°C): 12°C	CLOUD (10th): 8	WIND: 1	PRECIPITATION: NO
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CONDITIONS: turning overcast from sunny

POTENTIAL WILDLIFE HABITAT:

<input checked="" type="checkbox"/>	VERNAL POOLS (north edge)	<input type="checkbox"/>	SNAGS
<input type="checkbox"/>	HIBERNACULA	<input checked="" type="checkbox"/>	FALLEN LOGS

SPECIES LIST:

TY	SP. CODE	EV	NOTES	#	TY	SP. CODE	EV	NOTES	#
OB	Wood Frogs								
DB	Cyprinids		observed in creek						

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NOTES:

- Vernal Pools, very small (<15cm deep very shallow)
- no egg masses observed, no fairy shrimp, mosquito + black fly larvae
- 8 woodland frogs observed (spring peeper + wood frog)
- Den observed in wood pile (Sara M, NSE has detailed notes)
- Watercourse flowing NW has cyprinids and areas where frogs may use during summer
- drainlike channel is sand + gravel substrate
- no rock piles observed or snake hibernacula
- no major standing water

ELC WILDLIFE	SITE: T45+46		
	POLYGON: CUW		
	DATE: May 11, 2012		
	SURVEYOR(S): JCF		
	START TIME: 1:30	END TIME: 1:30pm	
TEMP (°C): 17°C	CLOUD (10th): 7	WIND: 4	PRECIPITATION: Nil
CONDITIONS: Sunny warm and dry			

POTENTIAL WILDLIFE HABITAT:

VERNAL POOLS	SNAGS
HIBERNACULA	<input checked="" type="checkbox"/> FALLEN LOGS

SPECIES LIST:

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FAUNAL TYPE CODES (TY):

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EVIDENCE CODES (EV):

BREEDING BIRD - POSSIBLE:

SH = SUITABLE HABITAT

SM = SINGING MALE

BREEDING BIRD - PROBABLE:

T = TERRITORY

A = ANXIETY BEHAVIOUR

D = DISPLAY

N = NEST BUILDING

P = PAIR

V = VISITING NEST

BREEDING BIRD - CONFIRMED:

DD = DISTRACTION

NE = EGGS

AE = NEST ENTRY

NU = USED NEST

NY = YOUNG

FY = FLEDGED YOUNG

FS = FOOD/FAECAL SACK

OTHER WILDLIFE EVIDENCE:

OB = OBSERVED

DP = DISTINCTIVE PARTS

TK = TRACKS

SI = OTHER SIGNS (specify)

VO = VOCALIZATION

HO = HOUSE/DEN

FE = FEEDING EVIDENCE

CA = CARCASS

FY = EGGS OR YOUNG

SC = SCAT

NOTES:

- Watercourse flowing west, north of T45+T46, narrow riparian zone with smaller drain like channel
- Substrate is sand to some gravel
- W. Sucker spawning and other cyprinids observed
- minimal bank erosion
- riparian grassed to some mature deciduous trees.
- wetted width 1.4 to 2.3m
- wetted depth 0.20 to 0.35m
- top of bank 2.5m
- bank full width 6.0m
- bank full depth  $\approx$  2.5m

- ⊕ No woodland breeding habitat
- No snake hibernacula
- No turtle overwintering or nesting areas

LEVEL

ELC WILDLIFE	SITE: T-48
	POLYGON: F044-Z
	DATE: May 11, 2012
	SURVEYOR(S): CP
	START TIME: 10:00am END TIME: 11:30am

TEMP (°C): 17.2	CLOUD (10th): 0	WIND: 4	PRECIPITATION: Nil
CONDITIONS: Sunny warm and dry			

POTENTIAL WILDLIFE HABITAT:			
VERNAL POOLS		SNAGS	
HIBERNACULA		<input checked="" type="checkbox"/> FALLEN LOGS	

SPECIES LIST:

TY	SP. CODE	EV	NOTES	#	TY	SP. CODE	EV	NOTES	#
1	wild turkey								
	deer tracks								

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NOTES:

- assessment of watercourse within 120m of T-48
- watercourse within mature deciduous forest, fish habitat is cyprinid spawning observed (creek chub) and other species
- wetted width ranges 1.3 to 2.5m
- wetted depth 0.10 to 0.25m (pools)
- channel width ≈ 6.0m
- mean bank full width ≈ 3.8m
- active bank erosion on both sides
- wild turkey observed and deer tracks
- ⊗ no turtle or snake habitat (hibernacula) observed within wood lot
- ⊗ no woodland Amphibian breeding habitat

GRAND BEND

March 23/12

TUNDRA SWAN SURVEYS

start @ 8:50 am, T=15°C, w=1 - start along N transm line

MALL II (M+F)

RTHA 1 - sitting on hydro wire on CR 183, just w of  
Oak Line, just past bend

9:26 am sewage lagoons

- AMTO CODE 1-4 in southern cell

- TUNDRA SWANS - 42 individuals

\* on berm and then went into northern  
cell to swim around

- Buffleheads in cells too - 28 ind

- CAGO in w swans - 4 individuals

- 4 mallards - Greater Scaup too

Grand Bend March 22/12 SP+LL  
= 3 ~~Trumpeter~~ swans flew away from north-  
cell to East at about 40m height.

West pond

AMT01-2

NOLE 1-1

~~Trumpeter Swans - 70~~ Mute Swan - 1  
Bufflehead - ~~100~~ 50 Tundra Swan - 73  
Canada Geese - 2 Greater Scaup - 50

\* swimming around in pond, and on  
west berm

Potential Staging Areas

CAMPBELL AVE 10:55 am 20°C wind=1

CAGD - IIII

a bit hazy over  
water

Bufflehead +++ +++

RBGU - 40+

Hendrick Rd 11:06 am 20°C wind=1

outlook over lake; on top of bluff

RBGU - 50+

ducks (way off in distance)

buffleheads - 50+

bank swallows - obs 1 flying down into  
bluff

S. TRANSMISSION LINE

- no staging areas + no swans - occasional  
concentrations of  
end @ 12:20 pm RBGU in fields



TUNDRA SWAN EVENING SURVEY

March 22/12

start @ 5pm, end @ 7pm

T: 27°C, W: 1, hazy, but clear to see distance

- no swans or ducks in the north

or south sewage lagoon ponds

West pond 5:20 PM

TUNDRA SWANS - 100 individuals

BUFFLEHEADS - 15

SPPE 1-2 } in south pond

AMTO 1-4 }

RTHA - 1 flying overhead

GREATER SCAUP - 20

\* swans mostly gathered on west berm  
of west pond; some swimming  
in the pond itself

- along lake Huron @ end of Hendrick Rd

↳ 5 RBGU

↳ temp @ lake cooler ~ 12°C

- no swans etc. along south transmission line

- one RTHA being chased by 2 SMCE across

from "christmas tree plantation" on

Deshwood Rd - obs. around 4pm

# Grand Bend Tundra Swans & Snake Hibernacula

18 March 2012 - Sunny, 20°C,  
wind 3 slight fog esp. off shore  
investigated both transmission  
lines + all participating  
properties -

- Looked  $\bar{c}$  binoculars  
start 2:30 end 7:00  
Went down to Trudford Marsh  
at ~5:30 to look behind  
Lambton Heritage Centre -  
Saw flock of ~40 swans  
landing in field after flying  
around  $\bar{c}$  indecisively  
- 5 swans on ground + RB  
Culls.  
- Small areas of water  
in fields but low area  
evidence of pooling occupies  
~ 1/4 of area

20 March 2012 - Sunny, 19°C,  
wind ~2

started S. transmission line @  
10:30, started participating  
properties 11:30

- no waterfowl along S. trans.  
line

- looked over lake off Turnbull's  
lead - nothing except scattered  
RBG on lake

Chris Pohl phoned at ~1200  
to say he saw ~30 swans land  
on sewage lagoon (?) off N.  
transmission line just W of  
line 4 ( Hwy 4) - about 20-30  
already there.

Finished early survey @  
12:50

on lake  
No swans at Poplar Beach Road

Snake hibernacula search

① LN 2 - 806 400 - small area of  
wobble + rocks in CVM - no snakes  
large rock pile next to woods  
- no snakes brick concrete + stone <sup>+ some</sup> metal  
periwinkle throughout area - old lamisad

# Grand Bend Snake Hibernacule

② - area of rubble - some collapsed on the bank + in at edge of creek  
- no snakes (brick, concrete, stones)  
some metal

③ - pile of large logs (30-50 cm dbh)  
- no snakes  
- at S end of woodlot - small pile of broken SATV egg shells + 1 large avian egg shell (white) - <sup>looks old</sup> (last yr)  
442594 00 / 4799390

1 baby EAGA on <sup>N</sup> slope to creek  
about 8 m S of this location  
abundant raccoon tracks along creek


④ - some signs of water working at corner of woodlot 50 m x 10 m (very small pool 2m x 1.5m)

4 in a woodpile - old stumps + earth  
- no snakes

⑤ Rockpile @ WP 596  
443538 / 4803551

1 SPPC calling ~ 20 m E  
+ logs + some metal debris here

abundant HAT in fields

Den here - nr 9" diameter earth pile  
vernal pool @ WP 597 in front  
-  shape  
- earth pile in a couple of areas along this edge but no rock piles  
- earth pile extends W from rubble pile - area is meadow + earth piles along edge, esp at SW edge

⑥ rubble pile @ WP 598  
443670 / 4803938

- large rubble, logs, earth  
fires, den - no sign of fresh excavation (raccoon scat noted before here)

Rock pile @ WP 599  
no snakes  
well covered E earth  
443732 / 4803952

Vernal pool @ WOPR WP 600  
443755 / 4803937

# Grand Bend Snake Hibernacula & Tundra Swans

deer + k throughout edge  
of field

Rock pile well covered  $\approx$  earth  
@ WP 601 443796 / 4803950

many earth piles along this  
edge - not all rock

Large rock @ WP 602  
443868 / 4803931

rock pile (well covered  $\approx$  earth)  
@ WP 603 443921 / 4803937

Rock + log pile @ WP 604  
443979 / 4803930

deer blind here  
- this extends to E to WP 605  
444031 / 4803922

intermittently to E end of  
property

- recent rock pile (not covered  
 $\approx$  earth) @ WP 606  
444057 / 4803921

end at 4:30 - Temp  $\approx$  25°C

Evening Swan survey start @  
5:00 V - start @ T-125

25°C wind 2, clear + sunny  
finished participating properties @ 6:45  
- no swans on any participating  
properties

- many gulls over fields because  
they are being ploughed +  
manure sprayed (RBBV)

- no swans along N transmission exc:

- visited sewage lagoon(?) at  $\approx$  7:00

saw 5 swans landing on NW  
lagoon, saw 2 swans on NE

lagoon that flew over to  
NW lagoon but couldn't get  
a good look at NW lagoon (posted)

Also present - RNDV + MALL

(about 10) in S. lagoon,  $\approx$  1:20

RNDV in NE lagoon but did  
not look closely

- abundant HOLA swimming on  
almost every field

- heard several EAPH in  
woods