The second	Stantec Cons 1 70 Southgr Guelph, ON Canada N1G Tel: (519) 836	ate Drive 4P5		V	/oodlai	oadside nd & Wild sessmen	dlife	Habitat
Stantec	Fax: (519) 836	5-2493			7,0	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
Project Number:	6950	269		Pro	oject Name:	NEW		
Date:	actor	Der 18,20	312	Field	Personnel:	C.R.	Z20	
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leather Conditions:	15	3.	7		20%	nove	_	nov
	<u> </u>			POLY	GON DES	CRIPTION		
			1		GRAPHIC F		Senier.	IISTORY
ELC COMMUNITY DESCRIPTION & CLASSIFICATION	POLYGON: START TIME END TIME:	-C 10:30		RIVE	TOMLAND RACE LEY SLOPE LELAND L. UPLAND	☐ TALUS ☐ CREVICE / ☐ ALVAR ☐ ROCKLAND ☐ BEACH / BA ☐ SAND DUN ☐ BLUFF	CAVE L D AR	3 NATURAL 3 CULTURAL
TAND DESCRI	PTION:							
LAYER	нт	CVR />>M				DECREASING		IANCE UT EQUAL TO)
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2 SUB-CANOP	Ϋ́	nlo		-			-	
3 UNDERSTOR	EY	nla	3					
4 GRD. LAYE	R	0/9						
IT CODES:		2=10 <ht≤25m 1=0%<cvr≤1< td=""><td></td><td></td><td></td><td></td><td></td><td>5m 7=HT&lt;0.2m )=not observed</td></cvr≤1<></ht≤25m 						5m 7=HT<0.2m )=not observed
TANDING SNAGS			<10		10 – 24	25 –		>50
BUNDANCE CODES		N=NONE	R=RARE	0=9	CCASIONAL	A=ABUNDAN	IT N/C	=Not observed
STAND MATURITY	PIONEER	YOL	JNG	M	ID-AGE	MATURE		OLD GROWTI
EGETATION TYP	E:	noisle	olo cid	KIS	Cost	CODE:	D6	
T		variet !	A Delice	- 00	10100	CODE:		
CO	MPLEX					CODE.		
Evidence of Dis	turbance / I	Notes:						
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		Hase.	Cann	at V	æ dot	er mile-	,	U
		Jo	COM		- 0001		1	

ABUNDANCE CODES: N=NONE R=RARI	580 - Sales	LAY	ER .		DISTANCE	FROM RD.	COLL
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Signature:

(Project Manager)

ELC Polygon: #\S	Assı	essment Type:	🗹-Visual; n	o access /	☐-Walk thro	ough feature	e		
Extent of Physical Inv	vestigatio	on of Feature:	□-Entire / 0	⊒-Partial, v	valk through	polygon (in	dicate on map)		
Reptile / Bat Hiber	nacula		□-Y* / □-N (i.e. features t bridge abum Contains po □-Y* / □-N	/ I-Unknothat would parts or culvotential bat	rovide a route erts with cracks hibernacula	ess (*if yes, underground, e/entry points features? ess (*if ves.	describe in table including buried	concrete vices or	or rock (e.g. foundations inactive animal burrows)
POTENTIAL HIBER	NACULA	FEATURE(S)	IDENTIFIE	ED	mooned nines	or caves [	······································		
UTM			Feature Des	cription		Photo No	Spp. C	bserve	d Using Feature
				······································					
Bat Roosting Feat		[i.e. tall tree	/ 🗗-Unknov s with open	vn, no acc surroundii	ess (*if ves. (	<i>describe in</i> 5cm, side-f	<i>table below)</i> acing cavities ~	10m hiç	gh in tree]
UTM	Tree II			Photo No	Decay C	lass (1-5)	No. of Cavities	Heigh	t and Type of Cavities
									, pe or Cavities
									1511.
Stick Nests:			Contains lar	ge etick ne	ete?			<u> </u>	
			⊒-Y* / □-N	/ 2 -Unkno	wn, no acce	ss (*if yes,	describe in tabl	e below	()
STICK NEST(S) IDEN UTM	TIFIED	Tree ID		Spp.	Nest Size	*			
				орр.	ivest Size	T HOLO INC	<u>. орр. С</u>	DServe	d Using Feature
MPI									
Saana/Saainaa/Ma		1							
Seeps/Springs/Ver	_		]-Y* / □-N .	/ ☑-Unkno	s/vernal poo wn, no acce	ls? ss <i>(*if ves. :</i>	describe in table	e below	·)
SEEP / SPRING / VER	NAL PO	OL FEATURE(	S) IDENTIF	TED				30.07	,
UTM	Fe	ature No. & Ty	e Feature (Diame	W	ater Depth	Photo No.	Sub/Emergen Spp. Prese		Shrubs/ Logs at Edge Present?
SPECIES & HABITAT	OBSER	VATIONS (list s	pecies and t	ype of obs	ervation & in	dicate on ni	ap)		
A=carcass: DP=distinctiv	e parts: H	Fleeding evidenc	e: FY=eggs/r	est: HO=ho	use/den: OB=c	observed: SC	scat: SI other sis	gn; TK 1	rack: VO=vocalization

		Stantec Cons – 70 Southg Guelph, ON Canada N1G rel: (519) 836 rex: (519) 836	ate Dn 4P5 -6050			Woodlar	oadside EL0 nd & Wildlife sessment Fo	Habitat
	Project Number:	(APS)	269			Project Name:	MRINC	
	Date:	acto	ber	184	2012	Field Personnel:	C.R055	
Vea	ather Conditions:	TEMP (%	C):	2	WIND -	CLOUD: 2090	PPT:	PPT (in last 24 hrs
_						POLYGON DES	CRIPTION	
						TOPOGRAPHIC F	EATURE	HISTORY
DI	ELC S	OLYGON: TART TIMI  C ND TIME:	15- E: ,'.3°			☐ LACUSTRINE ☐ RIVERINE ☐ BOTTOMLAND ☐ TERRACE ☐ VALLEY SLOPE ☐ TABLELAND ☐ ROLL. UPLAND ☐ CLIFF	☐ TALUS ☐ CREVICE / CAVE ☐ ALVAR ☐ ROCKLAND ☐ BEACH / BAR ☐ SAND DUNE ☐ BLUFF	□ NATURAL □ CULTURAL
T.	AND DESCRIPT	ION:						
	LAYER	нт	CVR	(>>			DECREASING DON EATER THAN; = AB	
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2	SUB-CANOPY			In/	0	•	/	
3	UNDERSTORE	14	3	ale	ssu bi	JCKHOFN		
4	GRD. LAYER	IA	10	72	-			
	CODES: R CODES:	1=>25m 0=NONE					.5 <ht≤1m <b="">6=0.2<ht: ≤60% 4=CVR&gt;60% N</ht: </ht≤1m>	
ST	ANDING SNAGS:	n/	0	П	<10	10 – 24	25 – 50	>50
18	UNDANCE CODES:	7 . /-		N=NON	E R=RARE	O=OCCASIONAL	A=ABUNDANT N	I/O=Not observed
ST	AND MATURITY:	PIONEER	₹	YC	UNG	MID-AGE	MATURE	OLD GROWTH

CODE: SWD3

CODE:

Evidence of Disturbance / Notes:

maple mireral Swamo

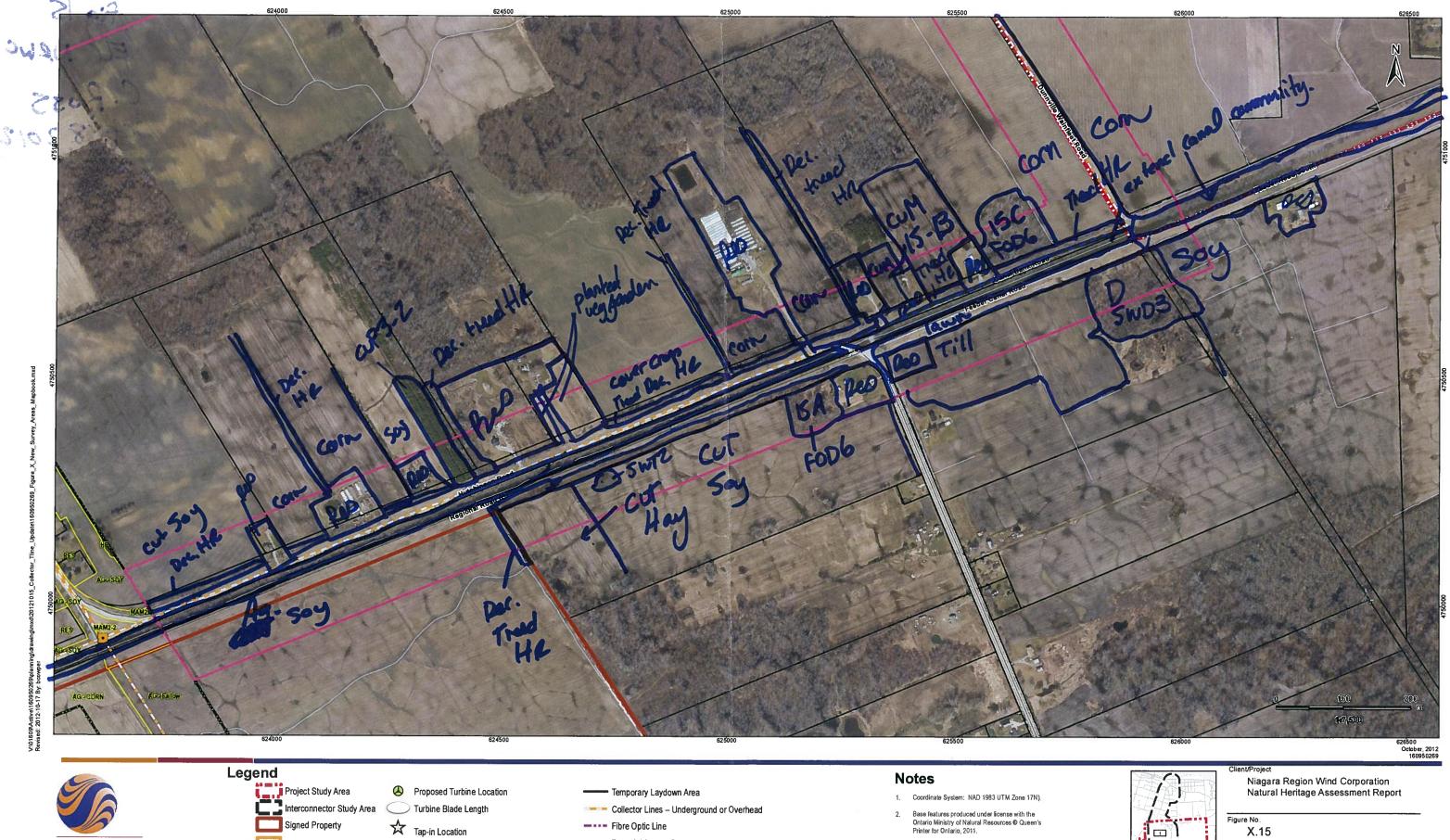
VEGETATION TYPE:

COMPLEX

ABUNDANCE CODES: N=NONE R=RARE O=C	JUGASIU		YER		DISTANCE	FROM RD.	COLL
SPECIES CODE	模域	2	3.3	4	≤5 m	>5 m	Williams.
REES:							
recimalprouplo	4		<u> </u>				
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white elm	0		ļ	L	<b>_</b>		
Spekwalnut	R-0	,	<b>└</b>		ļ		
mean asl	0-A		ļ	<u> </u>	ļ		ļ
Sign maple	R-0						
IRUBS:	41°.	ia.	<u> </u>	II. II.,	¥ 12 .13		
glossy buckthorn			R				
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Signature: Oeffun flor			ity Contr		form is compl	ete 🗆 & legil	ul ole □.

Signature:
(Project Manager)
1

ELC Polygon: # 5	As:	sessment Type: (	<b>3</b> -Visual; n	o access	/ □-Walk thro	ough feature	)	
Extent of Physical In	vestigat	ion of Feature:	⊒-Entire / 0	⊒-Partial,	walk through	polygon (in	dicate on map)	
Reptile / Bat Hiber			J-Y* / □-N i.e. foatures to ridge abutmo Contains po J-Y* / □-N i.e. karst tope	/ 2-Unkn that would pents or enly otential ba / 2-Unkn ography, ab	provide a route orts with cracks t hibernacula	ess (*if yes, underground, s/entry points, features? ess (*if yes,	describe in table including buried	concrete or rock (e.g. foundations vices or inactive animal burrows)
POTENTIAL HIBER	NACUL		DENTIFIE eature Des			Di a N		
0114		P	eature Des	cription		Photo No	Spp. C	Observed Using Feature
			<del></del>					
Bat Roosting Feat		Contains por	<b>☑-Unknov</b> with open	vn, no acc	ess (*if ves.	describe in 5cm, side-fa	table below) acing cavities ~	10m high in tree]
UTM	Tree			Photo N	o. Decay C	lass (1-5)	No. of Cavities	Height and Type of Cavities
						1	THO OF CAPITIES	Treight and Type of Cavities
Stick Nests:			ontains lar	ae etick n	osto?			
			]-Y* / □-N	/回-Unkn	own, no acce	ess (*if yes,	describe in tabl	e below)
STICK NEST(S) IDEN UTM	TIFIED	Tree ID						
OTM		1 ree 1D	Iree	Spp.	Nest Size	Photo No	Spp. C	Observed Using Feature
Seeps/Springs/Ver	nai Po		ontains se	eps/spring	s/vernal poo	ls?	describe in table	
SEEP / SPRING / VER	NAL PO	OOL FEATURE(S	) IDENTIF	FIED	own, no acce	ss ( II yes, t	describe in table	e Delow)
UTM	F	eature No. & Typ	e Feature (Diame		Vater Depth	Photo No.	Sub/Emergen Spp. Prese	
						<del>                                     </del>		
SPECIES & HABITAT	OBSEI	RVATIONS (list s	pecies and i	type of obs	ervation & ir	idicate on m	an)	
		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	poetes and	y pe or obs	ci vation of ii	idicate on in	ар)	
	59.							7
A=carcass: DP=distinctiv	e parts: I	de feeding existence	er b.Vmanne/s	met: HO L	.m. n/1 (2D	January I. C.		



Potential Access Road

Transformer Substation

Potential Construction Laydown Area

Potential Signed Property

120m Zone of Investigation

Additional Survey Area

**ELC Boundary** 

\* Potential Transformer Station Location

Preferred Transmission Line Route

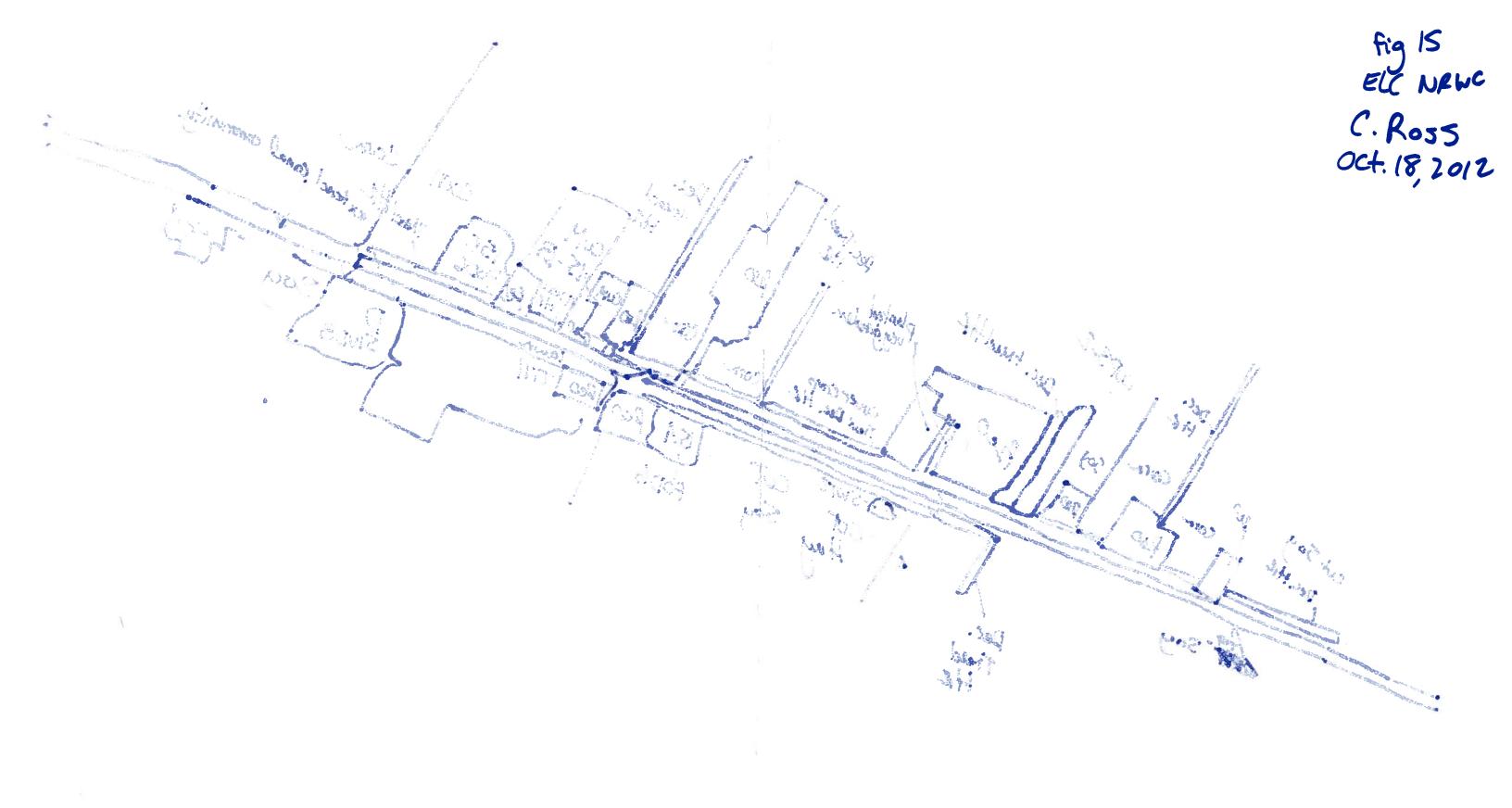
Potential Alternative Transmission Line Routes

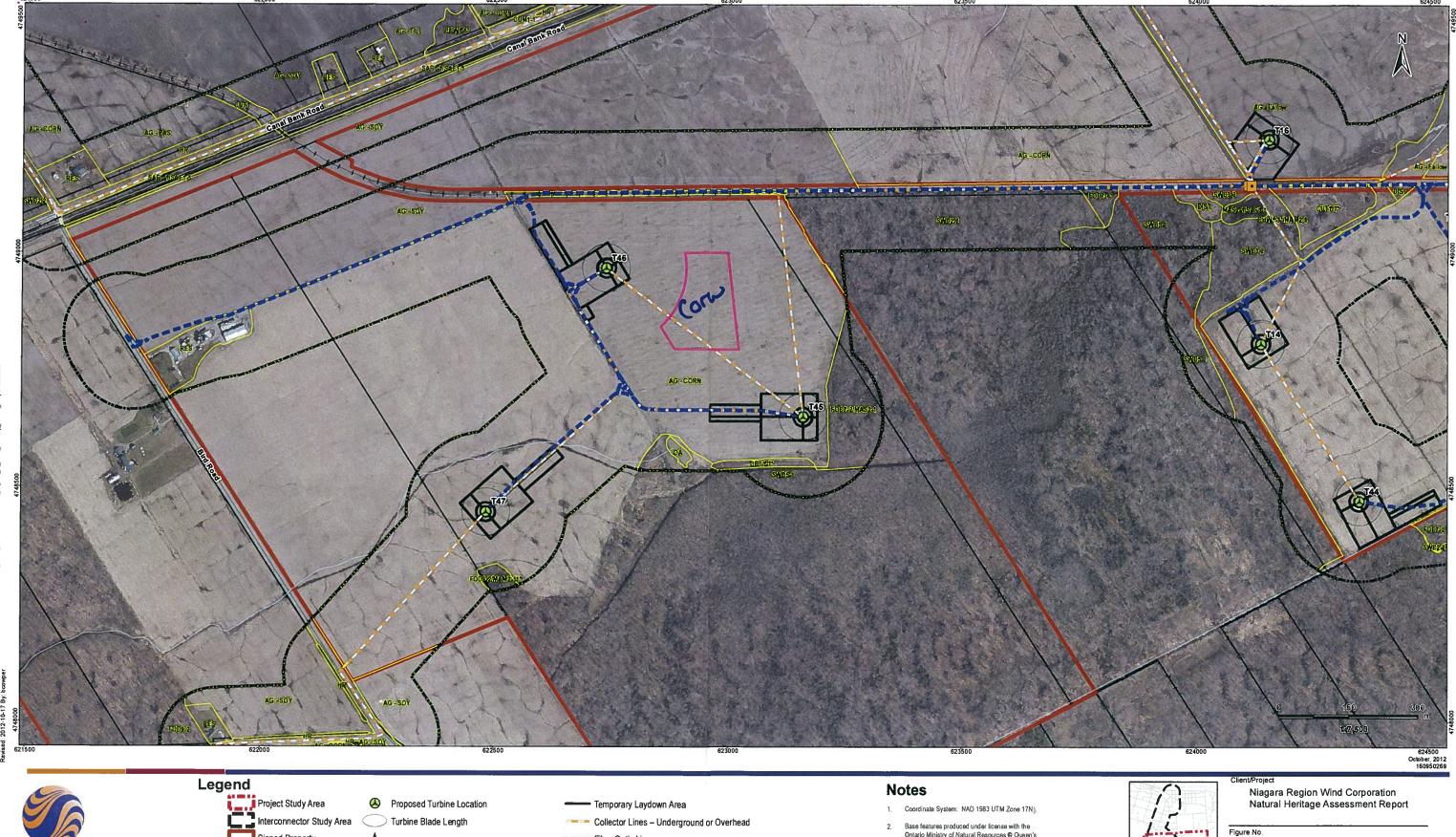
Junction Box

**Stantec** 

Orthoimagery source: First Base Solutions, Date Spring 2010.

**Potential Additional Survey Areas** Figure X.15







### ---- Fibre Optic Line Signed Property Tap-in Location Potential Access Road Potential Signed Property \* Potential Transformer Station Location Potential Construction Laydown Area 120m Zone of Investigation Junction Box Transformer Substation Additional Survey Area Preferred Transmission Line Route ELC Boundary Potential Alternative Transmission Line Routes

- Base features produced under license with the Ontario Ministry of Natural Resources € Queen's Printer for Ontario, 2011.
- Orthoimagery source: First Base Solutions, Date Spring 2010.



X.16

**Potential Additional Survey Areas** Figure X.16

ELC	SITE: S	= 11(1	2C) (A	yagara)	POLYGON: /		7	9.										
COMMUNITY	SURVEY	OR(S):	1/6	DATE: +		-	ELC	SITE:										
DESCRIPTION A	STADT.		NC	June	20,2012	UTME:		POLYG	ON:									
CLASSIFICATION	M l	:00	END: 1:30		UTMZ:	UTMN:	COMMUNITY DESCRIPTION	DATE:		¥17								
POLYGON DES	CRIPTIO	N					CLASSIFICATION	SURVE	YOR(S)	:								
SYSTEM	SUBST	RATE	TOPOGRAPHIC FEATURE	HISTORY	PLANT FORM	COMMUNITY	LAYERS: 1=C/	WOPY>1	0m	2=SUE	-CAN	OPY	3=UNDERSTOREY 4					
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	BASIC B	EDRK.	D CLIFF D TALUS		DECIDLIQUE	I BOG			┦—	<u> </u>			IMPCAPE	$\vdash$	$\vdash$		R	├
SITE JOPEN WATER	1		CREVICE / CAVE	COVER	CONIFEROUS	BARREN							IYTSALI	┝─┤	<del>  </del>	<del>  </del>	1	├
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WATER	1		D BEACH / BAR	SHRUB TREED		THICKET							BARVULG	<del>  </del>	<del>                                     </del>	<del></del>	R	<b>-</b>
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	UENUN	E 1=0%	CVR≤10% 2=10 <c< td=""><td>VR:25% 3=25-CVR</td><td>580% 4=CVR&gt;80%</td><td>-0.001 741140.201</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td><math>-\!\!\!+</math></td><td></td><td><b>→</b></td><td></td></c<>	VR:25% 3=25-CVR	580% 4=CVR>80%	-0.001 741140.201									$-\!\!\!+$		<b>→</b>	
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FANDING SNAGS			<10	10-24	25 - 50	>60								_	_	$\dashv$	$\rightarrow$	
ADFALL/LOGS:	<del>:</del>		<10	10-24	25 - 50	>50								_	-	$\dashv$	-+	
UNDANCE CODES:			<10	10-24	25 - 50	>50								$\dashv$		-	-+	
			ENONE REPAR	E 0=OCCASIO	NAL A-ABUNDAN				$\vdash \rightarrow$	$\dashv$	$\perp$			_	-+	$\dashv$		
MM. AGE:	PIONEE	R	YOUNG	MID-AGE	MATURE						$\perp$			$\neg$	-	-+-	$\dashv$	
DIL ANALYSIS:		407			Portone	OLD GROWTH								$\dashv$		$\dashv$	-+	
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	-ance/ N	NIUS;					"	(Field F	ersonn	el)		-		al		no	a	10
										•				(Proje	ct Man	nager)		

Stantec Consuiting Ltd. 1 - 70 Southgate Drive Gueiph, ON Canada N1G 4P5

# Woodland & Wildlife **Habitat Assessment Form**

	Tel: (519) 836-6050				
Stantec	Fax: (519) 836-2493				
Project Number:	16095026	9	Project Name:	NRWC	
Date:	June 8		Field Personnel:	' '	ton
	TEMP (°C):	WIND:	CLOUD:	PPT:	PPT (in last 24 hrs):
Weather Conditions:	25	2	50		
ELC Polygon: #//-/	_	e: U-Visual; roadside, no			ture
Extent of Physical inv	estigation of Feature	: 2 -Entire / Q-Partial, v	zaik through polygon (#	icicate on map)	_
Reptile / Bat Hibert	nacula Features:	i.e. features that would p bridge abutments or culve Contains potential bat	rts with cracks/entry points hibernacula features? own, no access (*if yes	describe in table including buried of exposed rock crev	concrete or rock (e.g. foundations, rices or inactive animal burrows)
POTENTIAL HIBER	NACULA FEATURE		•	··	
UTM		Feature Description	Photo N	o. Spp. O	bserved Using Feature
Bat Roosting Feat		potential bat roosting fe N / Q-Unknown, no acc rees with open surround	ess (*if ves. describe ii	n <i>table below)</i> facing cavities ~	10m high in tree]
POTENTIAL BAT RO		(S) IDENTIFIED			
7 7 T A F	Tree ID Tree S		n.   Decay Class (1-5)	No. of Cavities	Height and Type of Cavities

UTM	Tree ID	Tree Spp.	DBH	Photo No.	Decay Class (1-5)	No. of Cavities	Height and Type of Cavities
Stick Nests:		Cor	rtains jär	ge stick nest	87		to to at and

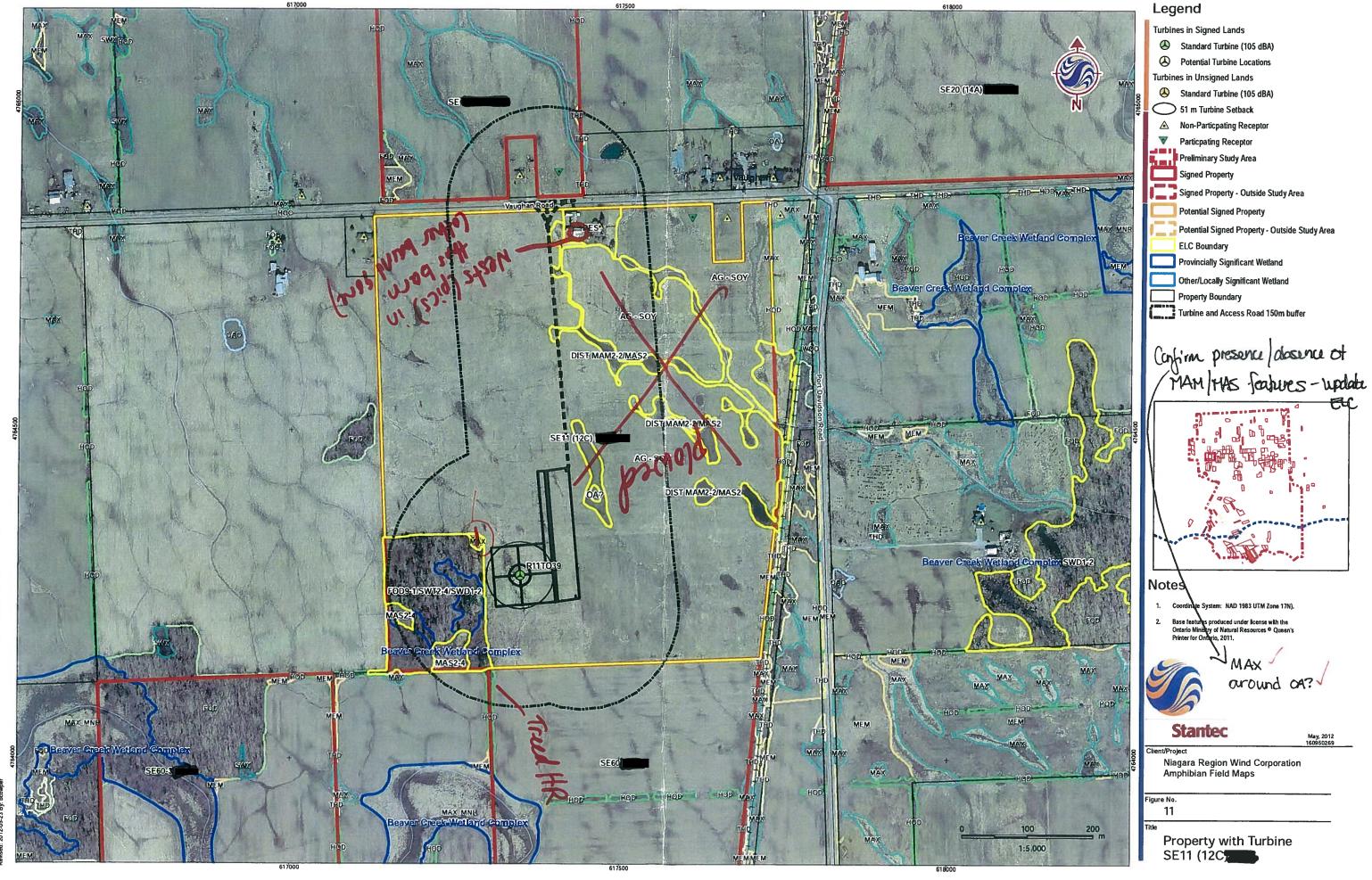
		□-Y* / □-N / □-Unkno	wn, no acces	s ("if yes, de	scribe in table below)
STICK NEST(S) IDENTIFIE	ED .				
UTM	Tree ID	Tree Spp.	Nest Size	Photo No.	Spp. Observed Using Feature

STICK NEST(S) IDENTI UTM	Tree ID	Tree Spp.	Nest Size	Photo No.	Spp. Observed Using Feature
Seeps/Springs/Verna	i Pools:	Contains seeps/sprin	gs/vernal pool	B?	rihe in table helow)

- ·	U-	A. / AB-M / CI-OL	known, no acces	8 ( II yes, u	escribe ili lable belok	//			
SEEP/SPRING/VERNAL POOL FEATURE(S) IDENTIFIED									
	Feature No. & Type	Feature Size	i	Photo No.	Sub/Emergent Veg. Spp. Present?	Shrubs/ Logs at Edge Present?			
		A .							

SPECIES & HABITAT OBSERVATIONS (list species and type of observation & indicate on map)

CA=carenss: DP=distinctive parts: FE=feeding evidence; FY=eggs/nest; HO=house/den; OB=observed; SC=seat; SI=other sign; TK=track; VO=vocalization



0269/planning\drawing\mxd\z0120120423\_NE\_Fieldmaps\150950259\_Release\_17\_ELC\_Map\_Book\_20120518.m

1	The second

Canada N1G 4P5 Tel: (519) 836-6050

# Stantec Consulting Ltd. Coll. Tile III, Roadside ELC, Guelph, ON Poly II- | Woodland & Wildlife Habitat **Assessment Form**

Stantec	Fax: (519) 836-2493	710001
Project Number	160950269	Project Name:

Field Personnel:

PPT (in last 24 hrs):

			•	 
Weather Conditions:	TEMP (°C):	WIND:	CLOUD:	PPT
	40	Hant	Cloudy	

-		Į.	
POL	YGON I	DESCR	RIPTION

		TOPOGRAPHIC FEATURE	HISTORY
ELC	START TIME: 10:00 END TIME: 10:15	□ LACUSTRINE □ RIVERINE □ BOTTOMLAND □ TERRACE □ VALLEY SLOPE □ ADJELLAND □ ROLL. UPLAND □ CLIFF	S NATURAL ECULTURAL

## STAND DESCRIPTION:

	LAYER	НТ	CVR	SPECIES IN ORDER OF DECREASING DOMINANCE (>>MUCH GREATER THAN; >GREATER THAN; = ABOUT EQUAL TO)
1	CANOPY	12	\	ACESASA = PICABLE > ULMAMER
2	SUB-CANOPY	-		
3	UNDERSTOREY	_	_	
4	GRD. LAYER	7	4	GRASS SO.
HT	CODES:	1=>25m	2=10 <h< td=""><td>HT≤25m 3=2<ht≤10m 4="1&lt;HT≤2m" 5="0.5&lt;HT≤1m" 6="0.2&lt;HT≤0.5m" 7="HT&lt;0.2m&lt;/td"></ht≤10m></td></h<>	HT≤25m 3=2 <ht≤10m 4="1&lt;HT≤2m" 5="0.5&lt;HT≤1m" 6="0.2&lt;HT≤0.5m" 7="HT&lt;0.2m&lt;/td"></ht≤10m>
CV	R CODES:	0=NONE	1=0%	<cvr≤10% 2="10&lt;CVR≤25%" 3="25&lt;CVR≤60%" 4="CVR">60% N/O=not observed</cvr≤10%>
ST	ANDING SNAGS:			R <10 R 10-24 N 25-50 N >50
ARI	INDANCE CODES:		N	NONE REPARE DECCASIONAL ASARIMDANT NO-Not observed

STAND MATURITY: PIONEER YOUNG MID-AGE MATURE OLD GROWTH **VEGETATION TYPE:** CODE: Mixed Cultural Headow

COMPLEX CODE:

Evidence of Disturbance / Notes:

Trees ~ 20-30 cm DBH

LAYERS: 1=CANOPY >10m 2=SUB-CANOPY 3=UNDERSTOREY 4=GROUND (GRD.) LAYER ABUNDANCE CODES: N=NONE R=RARE O=OCCASIONAL A=ABUNDANT D=DOMINANT N/O=Not observed

SPECIES CODE  SPECIES CODE		LAYER			DISTANCE FROM RD		COLL.
SPECIES CODE	1	2	3	4	≤5 m	>5 m	COLL.
TREES:		引練問				基等的行动	1 - P. P
ACESASA	0			_	0		
PICABIE	0	_				0	
PICARIE ULMAMER	R					R	
SHRUBS:				\$ 1.00 PM		Y1 %	
	£ _514280-21	Danielove interior	Dellar San	Hab No Selve		Description of	B1000000000000000000000000000000000000
GROUND: GRASS SP.		2.000 3		D	D	D	
					,		

Signature:	Ai I	Quality Control:This form is complete 3 & legible 3.  Signature:
_	(Field Personnel)	(Project Manager)

ELC Polygon: #   _ As	sessment Type:	면-Visual; no	access / 🗆	-Walk throu	gh feature			
Extent of Physical Investiga	tion of Feature:	□-Entire / □	I-Partial, wal	k through p	olygon <i>(indi</i>	icate on map)		
Reptile / Bat Hibernacul	<u>;</u> -	[i.e. features the bridge abutme Contains po	/ □-Unknown at would provents or culverts tential bat hild / □-Unknown	n, no acces ide a route ur with cracks/c bernacula fe n, no acces	s (*if yes, d nderground, in entry points, e eatures? s (*if yes, d	escribe in table reluding buried c	onerete or rock (e. ices or inactive ar	.g. foundations. iimal burrows)]
POTENTIAL HIBERNACU		<u> </u>	W A V .	Officer tillings o	r ouves;			
UTM		Feature Desc	ription		Photo No.	Spp. O	bserved Using F	eature
		······································						
		<u> </u>						
Det Deseting Festures	Cantaina	atantial hat n	- antina factu		·			
Bat Roosting Features:	□-Y* / ⊡-N [i.e. tall tree		vn; no acces surrounding	s (*if yes, d			I0m high in tree	e]
POTENTIAL BAT ROOSTI	· · · · · · · · · · · · · · · · · · ·			5 6	(4.4%)			00 111
UTM Tree	e ID Tree Sp	p. DBH	Photo No.	Decay Cla	ass (1-5)	No. of Cavities	Height and Ty	pe of Cavities
Stick Nests:		Contains lai □-Y* / ⊡-N	ge stick nes / 🗆-Unknow	ts? n, no acces	ss (*if yes, a	lescribe in tabl	e below)	
STICK NEST(S) IDENTIFII UTM		Torre	- C	N4 Ci	DL s4s Nrs	6 (	J J TT-!	F4
UIWI	Tree ID	Tree	Spp.	Nest Size	Photo No.	Spp. C	bserved Using l	reature
Seeps/Springs/Vernal P		□-Y* / ⊡ <u>-N</u>		vernal pool	s? ss (*if yes, a	lescribe in tabl	e below)	
SEEP/SPRING/VERNAL	POOL FEATURI				T	6.175	437 01 1	/I
UTM	Feature No. & T	ype Feature (Diam	1 1/1/0	ter Depth	Photo No.	Sub/Emerger Spp. Prese		Logs at Edge Present?
	<u>L</u>							
SPECIES & HABITAT OBS	ERVATIONS (lis	t species and	type of obser	vation & in	dicate on ma	ap)		
								n (a)
								3.52
i –								
÷								

CA=carcass: DP=distinctive parts: FE=feeding evidence; FY=eggs/nest: HO=house/den; OB=observed: SC=scat; SI=other sign; TK=track: VO=vocafization

REV: 2012-01-03

S S	Stantec Con 1 – 70 South Gueiph, ON Canada N10 Tel: (519) 836 Fax: (519) 83	gate Driv 4P5 5-6050	*Roly 11	VVOGIA	oadside EL0 nd & Wildlife sessment Fo	, ilabitat				
Project Number:	1609	502	69	Project Name:	NRWC	ELC				
Date	27 -	5un	2017	Field Personnel:	Λ .	ume				
Weather Conditions:	TEMP (°		WIND:	crong	PPT:	PPT (in last 24 hrs).				
POLYGON DESCRIPTION										
				TOPOGRAPHIC F	EATURE	HISTORY				
ELC SOMMUNITY DESCRIPTION & ELASSIFICATION	☐ TALUS ☐ CREVICE / CAVE ☐ ALVAR ☐ ROCKLAND ☐ BEACH / BAR ☐ SAND DUNE ☐ BLUFF	ØÑATURAL □ CULTURAL								
STAND DESCRIP	TION:									
LAYER	НТ	CVR			ECREASING DOM ATER THAN; = AB					
1 CANOPY		)								
2 SUB-CANOPY	3	1	DEAD -	REE						
3 UNDERSTORE	Y 4	2	A>>GR	ASS 50. > C	WEMACR					
4 GRD. LAYER	5-6	4	SOLCANA	> GRASS S	2) ASCSYCI					
HT CODES:	1=>25m				5 <ht≤1m 6="0.2&lt;HT≤&lt;/th"><th></th></ht≤1m>					
CVR CODES:	0=NONE			VR≤25% 3=25 <cvr≤< th=""><th>60% 4=CVR&gt;60% N</th><th>I/O=not observed</th></cvr≤<>	60% 4=CVR>60% N	I/O=not observed				
STANDING SNAGS:			R <10	N 10-24	25 – 50	N >50				
ABUNDANCE CODES:		N	=NONE R=RARE	O=OCCASIONAL	A=ABUNDANT N	/O=Not observed				
STAND MATURITY:	PIONEER		YOUNG	MID-AGE	MATURE	OLD GROWTH				
VEGETATION TYPE	old Fi	eld r	leader Hed	Gerow	CODE: HOD/C	'UM1-1				

CODE:

COMPLEX
Evidence of Disturbance / Notes:

LAYERS: 1=CANC		2=SUB-CANO R=RARE O=0		3=UNDEI			4=GROUND ( D=DOMINAN		
			LAYER				DISTANCE		
SPE	SPECIES CODE		1	2	3	4	≤5 m	>5 m	COLL.
						_	_	-	

생성 경영 등에 하면서 있는데 보면서 보고 보는 아무렇게 모르면 이 없을 때 없다면 되었다고 있었다.	Applications.	Land Inch	-17			COLL	
SPECIES CODE	1	2	3	4	≤5 m	>5 m	COLL.
TREES:	All the			ID SEE	The soule		45.7
QUEMACR		1	R		R		
QUEMACR DEAD TREE	1	R	_	_		R	
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SHRUBS:	(es.)	Maria.	2700	10 vie 19	and all and a second	Ban E.	101/05/4
CRASUCC	-	-	0	R	OR.	0	
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The Company of the Co							
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		-				-	
GROUND:	33/4.78	agak as	PI DES	Min Article		1Station	
SOLCANA ASCSTRI GRASS SP. DIPFULI	265874	-	-	A	D	A	
ASCSTRI	-	-	_	A O	D	0	
GRASS SP.	-	_	0	A	A	A	
DIPFULL			0	0	0	0	
10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1							
						- 30	
	-	-					
						-	
	1					1	1 1

Signature: As (Field Personnel)

Quality Control:This form is complete 🖽 & legible 🖼

Signature:

(Project Manager)

Extent of Physical Inv	estigatior	of Feature: (	⊒-Entire	e / □-Part	ial, wal	k through p	olygon <i>(in</i>	ndica	te on map)				
Reptile / Bat Hiber	[ ] ]	Contains potential reptile hibernacula features?  —-Y* / ☐-N / □-Unknown, no access (*if yes, describe in table below)  [i.e. features that would provide a route underground, including buried concrete or rock (e.g. foundations, bridge abutments or culverts with cracks/entry points, exposed rock crevices or inactive animal burrows)]  Contains potential bat hibernacula features?  —-Y* / ☐-N / □-Unknown, no access (*if yes, describe in table below)  [i.e. kärst topography, abandoned mines or caves]											
POTENTIAL HIBERN	NACULA												
UTM		I	eature	Description	n		Photo No	0.	Spp. O	bserved	d Using Feat	ure	
					·····			_					
Bat Roosting Feat		Contains po -Y*/2-N [i.e. tall tree	/ □-Unl s with o	k <mark>nown, no</mark> pen surro	acces	s (*if yes, d	escribe in cm, side-	<i>tabl</i> facin	e below) ig cavities ~	10m hiç	gh in tree]		
POTENTIAL BAT RO								1					
UTM	Tree ID	Tree Spp	. D	BH Pho	to No.	Decay Cla	ass (1-5)	No.	of Cavities	Heigh	t and Type o	of Cavities	
							***************************************						
									······				
								i					
Stick Nests:			Contain □-Y* / 〔	s large st 3-N / □-L	ick nes Inknow	ts? m, no acces	ss (*if yes,	des	cribe in table	e belov	<i>(</i> )		
STICK NEST(S) IDEN	TIFIED					1	T						
UTM		Tree ID		Tree Spp.		Nest Size	Photo N	0.	Spp. C	bserve	d Using Fea	ture	
					······································								
									J			<del></del>	
						1	<u> </u>						
Seeps/Springs/Ver			□-Y* / [	3-N / O-L	prings/ Inknow	vernal pools n, no acces	s? ss <i>(*if yes</i> ,	des	cribe in table	e below	<i>ı</i> )		
SEEP / SPRING / VER	RNAL PO	OL FEATURE			1		T						
UTM	Fe	ature No. & Ty		ature Size Diameter)	Wa	ter Depth	Photo No	o. S	Sub/Emergen Spp. Prese		Shrubs/ Lo Pres	ogs at Edge ent?	
						·····		_					
**								-					
SPECIES & HABITA	Γ OBSER	VATIONS (list	species	and type o	of obser	vation & in	dicate on 1	map)					
												3.0	
												*	
												2 20	
												1.0	
							-						
CA=earcass: DP=distinct	ive parts: F	E=leeding evider	ice; FY=	eggs/nest: l	iO=hou	se/den; OB=c	bserved: S	C=sc	at; SI=other si	gn; TK≕	track: VO=v	ocalization	

ELC Polygon: # | \_ \_ \_ Assessment Type: □-Visual; no access / □-Walk through feature

			C=11 =	110 111						
	Stantec Con 1 – 70 South Guelph, ON Canada N10 Tel: (519) 83 Fax: (519) 83	gate Driv 3 4P5 6-6050	e _	−3 Woodlaı	oadside EL0 nd & Wildlife sessment Fo	Habitat				
Stantec	1.0									
Project Number:	1609	562	-69	Project Name:	NRWCEL	. <u> </u>				
Date:	273	Sun	2012-	Field Personnel:	A. Ducho	ume				
Weather Conditions:	TEMP (°	C):	WIND:	CLOUD:	PPT:	PPT (in last 24 hrs):				
weather Conditions:	20		light	Cloudy	-					
	POLYGON DESCRIPTION									
				TOPOGRAPHIC F	EATURE	HISTORY				
ELC	POLYGON: START TIM	11	-3	☐ LACUSTRINE ☐ RIVERINE ☐ BOTTOMLAND ☐ TERRACE	☐ TALUS ☐ CREVICE / CAVE ☐ ALVAR ☐ ROCKLAND	EMATURAL  CULTURAL				
COMMUNITY DESCRIPTION & CLASSIFICATION	END TIME:	10	· 50		☐ BEACH / BAR ☐ SAND DUNE ☐ BLUFF					
		10	. ( )	CLIFF						
STAND DESCRIP	TION:									
LAYER	нт	CVR			DECREASING DOMI ATER THAN; = AB					
4 CANODY	5.00	~								

#### CANOPY 3 SUB-CANOPY TYPANGU UNDERSTOREY **GRD. LAYER** HT CODES: 1=>25m 2=10<HT<25m 3=2<HT<10m 4=1<HT<2m 5=0.5<HT<1m 6=0.2<HT<0.5m 7=HT<0.2m **CVR CODES:** 0=NONE 1=0%<CVR≤10% 2=10<CVR≤25% 3=25<CVR≤60% 4=CVR>60% N/O=not observed STANDING SNAGS: <10 10 - 2425 - 50>50 **ABUNDANCE CODES:** N=NONE R=RARE O=OCCASIONAL A=ABUNDANT N/O=Not observed STAND MATURITY: PIONEER YOUNG MID-AGE MATURE OLD GROWTH VEGETATION TYPE: Ditch - (attai) CODE: Shallow Marsh MAS 2 Mireral COMPLEX CODE:

**Evidence of Disturbance / Notes:** 

BUNDANCE CODES: N=NONE R=RARE O=OCCASIONAL A=ABUNDANT D=DOMINANT N/O=No  LAYER DISTANCE FROM RI  SPECIES CODE									
SPECIES CODE	1	2	3	4	≤5 m	>5 m	COL		
REES:	THE STATE OF	153		3-100			国的		
4									
IRUBS:	NEAR	3.45	1000年	\$ .E		STOREGIC	:51		
ound: T-(PAH GU			D		D		1122		
£									

Guality Control This form is complete 🗗 & legible 🗗

Signature:

(Field Personnel)

Quality Control This form is complete 🗗 & legible 🖼

(Project Manager)

ELC Polygon: #	S Ass	essment Type:	O-Vi	sual; no	acces	s / 🛚-	Walk throu	gh feature	)			
Extent of Physical Inve	estigati	on of Feature:	Q-Er	ntire / 🗆	I-Partia	l, wall	k through p	olygon <i>(in</i>	dicate on map)			
Reptile / Bat Hiberr	nacula		Contains potential reptile hibernacula features?  —Y*/ —N / —Unknown, no access (*if yes, describe in table below)  [i.e. features that would provide a route underground, including buried concrete or rock (e.g. foundations, bridge abutments or culverts with cracks/entry points, exposed rock crevices or inactive animal burrows)]  Contains potential bat hibernacula features?  —Y*/ —N / —Unknown, no access (*if yes, describe in table below)  [i.e. kurst topography, abandoned mines or caves]									
POTENTIAL HIBERN	ACUL:											
UTM			Featı	ire Desc	ription			Photo No	Spp. O	bserve	d Using Feature	
Bat Roosting Features:  Contains potential bat roosting features?  □-Y* / □-Vnknown, no access (*if yes, describe in table below)  [i.e. tall trees with open surroundings, DBH >25cm, side-facing cavities ~10m high in tree]  POTENTIAL BAT ROOSTING FEATURE(S) IDENTIFIED												
UTM						BY.	D. Cl	(1.5)	N' C C - '4'	11	4 . 17	
UTM	Tree I	D Tree Sp	р.	DBH	Photo	NO.	Decay Cla	ass (1-5)	No. of Cavities	Heigh	t and Type of Cavities	
	***************************************											
Stick Nests:  Contains large stick nests?  □-Y* / □-N / □-Unknown, no access (*if yes, describe in table below)												
STICK NEST(S) IDEN	TIFIEL		T				1	1				
UTM		Tree ID		Tree	Spp.		Nest Size	Photo N	o. Spp. C	Observe	d Using Feature	
			<u> </u>							······································	th'e the street to all the same and the same	
							-					
									-			
Seeps/Springs/Ver	nal Po	ols:	Con	tains se * / ဩ⊲Ñ	eps/sp / □-Un	rings/\	vernal pools	5? :e (*if vae	describe in tabl	a halov	v)	
SEEP/SPRING/VER	NAL P	OOL FEATURE				IKI IOW	11, 110 00000	13 ( 11 yes,	describe in tabl	C DCIOV	v)	
UTM		Feature No. & T		Feature (Diame	e Size	Wa	ter Depth	Photo No	Sub/Emerger Spp. Prese		Shrubs/ Logs at Edge Present?	
		~~~~			·····							
SPECIES & HABITAT	OBSE	RVATIONS (lis	t spec	ies and	type of	obser	vation & inc	dicate on r	nap)			
											÷.	
											* s - \$	
			-									
CA=carcass: DP=distincti	ve parts:	FE=leeding evide	nce; l	·Y=eggs/	nest: HO	)=hous	se/den; OB=c	bserved: St	=seat; Sl=other si	gn; TK=	track: VO=vocalization	

Stantec	Stantec Cons 1 70 Southga Guelph, ON Canada N1G Tel: (519) 836 Fax: (519) 836	4P5 -6050 -2493	11 41	-4 Woodla	Roadside EL0 and & Wildlife sessment Fo	Habitat
Project Number: Date:	10095	0269			NRWC E A. Duch	
Date.		sure	2012		A. Duck	orne
Weather Conditions:	TEMP (°C	·):	WIND:	cloud:	PPT:	PPT (in last 24 hrs):
			0	POLYGON DES	SCRIPTION	
				TOPOGRAPHIC]	<b>FEATURE</b>	HISTORY
COMMUNITY	POLYGON: START TIME END TIME:	11-4	5	☐ LACUSTRINE ☐ RIVERINE ☐ BOTTOMLAND ☐ TERRACE ☐ VALLEY SLOPE ☐ TABLELAND ☐ ROLL. UPLAND ☐ CLIFF	SAND DUNE	©¶ATURAL  □ CULTURAL
STAND DESCRIP		CVR	SPEC	IES IN ORDER OF	DECREASING DOM	NANCE
	- 1	(>>1	MUCH GRE	ATER THAN; >GR	EATER THAN; = AB	OUT EQUAL TO)
1 CANOPY 2 SUB-CANOPY	1 2	2/		n + 3\ C=	00005	5,1601110
3 UNDERSTORE		4 1	NTA	27 > SOL	RRACE > 3	246N16R
4 GRD. LAYER	5-6	4/50	LCANK	TYPAN	16U S DIPF	111
HT CODES: CVR CODES:					0.5 <ht≤1m 6="0.2&lt;HT≤&lt;br">≤60% 4=CVR&gt;60% N</ht≤1m>	
STANDING SNAGS:		0	<10	R 10-24	25 - 50	>50
ABUNDANCE CODES:		N=NON	E R=RAR	O=OCCASIONAL	A=ABUNDANT N	O=Not observed
STAND MATURITY:	PIONEER	√Y0	UNG	MID-AGE	MATURE	OLD GROWTH
VEGETATION TYPE	Shru	ib Fer	7		CODE: FES	7
	DIEY				CODE:	
СОМ	r LLA					

DISTANCE FROM RD. LAYER COLL. SPECIES CODE >5 m 2 TREES: SHRUBS: S2 \* LONTART D CORRACE  $\bigcirc$ SUGNIGR 53 \* GROUND: TYPANGU SOLCANA A LILLANC  $\bigcirc$ R 12

ABUNDANCE CODES: N=NONE R=RARE O=OCCASIONAL A=ABUNDANT D=DOMINANT N/O=Not observed

4=GROUND (GRD.) LAYER

LAYERS: 1=CANOPY > 10m 2=SUB-CANOPY 3=UNDERSTOREY

Signature:	Ai2	Quality Control: This form is complete  Se Tegible   Signature:
-	(Field Personnel)	(Project Manager)

ELC Polygon: #\ _	Assess	ment Type: 🖭∕	Visual; no	access / 🗅-	-Walk throu	gh feature					
Extent of Physical Inv	estigation	of Feature: □-	Entire / □	I-Partial, wall	k through p	olygon <i>(ind</i>	dicate on map)				
Reptile / Bat Hiberi	nacula Fe	i.e. brid Col	Contains potential reptile hibernacula features?  —Y*/ —N/ —Unknown, no access (*if yes, describe in table below)  [i.e. features that would provide a route underground, including buried concrete or rock (e.g. foundations, bridge abutments or culverts with cracks/entry points, exposed rock crevices or inactive animal burrows)]  Contains potential bat hibernacula features?  —Y*/ —N/ —Unknown, no access (*if yes, describe in table below)  [i.e. karst topography, abandoned mines or caves]								
POTENTIAL HIBERN	IACULA F	···									
UTM		Fea	ture Desc	cription		Photo No.	Spp. O	bserve	d Using Feature		
Bat Roosting Feato			<b>1-Unkno</b> v vith open	vn, no access surroundings	s (*if yes, d	escribe in cm, side-fa	table below)	10m hi	gh in tree]		
UTM	Tree ID	Tree Spp.	DBH	Photo No.	Decay Cla	ass (1-5)	No. of Cavities	Heigh	t and Type of Cavities		
							TO OF CATTRICS	8	t and Type of Carries		
Stick Nests:		Co □-	ntains laı Y* / ⊡-Ñ	ge stick nest / <b>□</b> -Unknow	ts? n, no acces	ss (*if yes,	describe in tabl	e belov	v)		
STICK NEST(S) IDEN UTM	ITTED	Tree ID	Tree	Spp.	Nest Size	Photo No	o. Spp. C	bserve	d Using Feature		
Seeps/Springs/Ver		Q-	Y* / <b>□</b> -1Ñ		vernal pools	s? ss (*if yes,	describe in table	e belov	v)		
UTM		ture No. & Type	Feature (Diam	e Size Wa	ter Depth	Photo No.	Sub/Emergen Spp. Prese		Shrubs/ Logs at Edge Present?		
SPECIES & HABITAT	OBSERV	ATIONS (list sp	ecies and	type of obser	vation & in	dicate on m	іар)				

			/		
Stantec	Stantec Consulting 1 – 70 Southgate Dr Guelph, ON Canada N1G 4P5 Tel: (519) 836-6050 Fax: (519) 836-2493	19 11-	<b>5</b> Woodlar	oadside ELC nd & Wildlife sessment Fo	Habitat
Project Number:	160950	269	Project Name:	NRUCE	<u></u>
Date:		re 2012	Field Personnel:	A. Ducha	-me
Weather Conditions:	TEMP (°C):	WIND: light	Cloudy	PPT:	PPT (in last 24 hrs)
		)	POLYGON DES	CRIPTION	
			TOPOGRAPHIC F	EATURE IN THE SECOND	HISTORY
ELC	POLYGON:  START TIME:  END TIME:	-5  :15  :30	☐ LACUSTRINE ☐ RIVERINE ☐ BOTTOMLAND ☐ TERRACE ☐ VALLEY SLOPE ☐ TABLELAND ☐ ROLL. UPLAND ☐ CLIFF	☐ TALUS ☐ CREVICE / CAVE ☐ ALVAR ☐ ROCKLAND ☐ BEACH / BAR ☐ SAND DUNE ☐ BLUFF	΄ATURAL □ CULTURAL
STAND DESCRIP	PTION:	, ,		DECREASING DOMI	
1 CANOPY		(>>MUCH GREA		ATER THAN; = ABO	OUT EQUAL TO)
2 SUB-CANOP	V 2 1 3	FAGGRAN		red HOD.	
3 UNDERSTORE	1 2 1 7	mixed	17 / 11·································	CA POU	
4 GRD, LAYER		SOCAN	A > 0,05	401	
HT CODES: CVR CODES:			m 4=1 <ht≤2m 5="0.&lt;/td"><td>7</td><td></td></ht≤2m>	7	
STANDING SNAGS	:	O <10	R 10-24	N 25 - 50	√ >50
ABUNDANCE CODES:		N=NONE R=RARE	O=OCCASIONAL	A=ABUNDANT N/	D=Not observed
STAND MATURITY:	PIONEER	YOUNG	MID-AGE	MATURE	OLD GROWTH
VEGETATION TYPE	h-Moist L	owland Decid	Forest	CODE: FOD	7
COM	PLEX			CODE:	

Evidence of Disturbance / Notes:

LAYERS: 1=CANOPY > 10m 2=SUB-CANO ABUNDANCE CODES: N=NONE R=RARE 0=0	PY 3	=UNDE	RSTORE =ABUNI	EY 4 DANT [	≔GROUND ( D=DOMINAN`	GRD.) LAYE <b>T N/O</b> =Not o	R observe
			YER	September 1	DISTANCE	FROM RD.	COLL
SPECIES CODE	2 1 E	2	3	4	≤5 m	>5 m	COLL
REES:	2.Till				344		
FAGGRAN	$\mathcal{D}$	D	A		0	D	
Mixed FOD FRAAMER JUGNIGR	A	A	h		0	A	
FORAMFO		5	0	_	0	0	
TC46N160	TA	0	N	N	(2)	0	
30,07910R							
SHRUBS:	250,500		激業	9.30	25 26 C	MICHIE	15-1
ROUND:							91.1
SOLCANA		_	0	A	0	0	
VITUINI		_	0	0	0	0	
SOL CANA VITUINI GRASS SP.	_		A	D	D.	A	-
		0 111		. – 07	. 0.		

Signature:	A:m	Signature:
	(Field Personnel)	(Project Manager)

									Wildi	life Habitat Assessment Form	
ELC Polygon: #)	Asse	ssment Type: [	⊒-Visual; no	access	; / 🗀-V	Valk throu	igh feature	•			
Extent of Physical Inv	- restigation	n of Feature: ೮	⊒-Entire / □	I-Partial,	, walk	through p	olygon <i>(in</i>	dicate on map)			
Reptile / Bat Hiber	nacula F	[1  -  -  -  - 	i.e. features the oridge abutme Contains po	/ Q-Unk hat would ents or cult tential ba / Q-Unk	nown, provid verts w at hibe nown,	, no acces te a route un with cracks/c ernacula f , no acces	ss (*if yes, nderground, entry points eatures? ss (*if yes,	describe in tab	concrete evices or	or rock (e.g. foundations, inactive animal burrows)]	
POTENTIAL HIBER	NACULA										
UTM		F	Feature Desc	ription			Photo No	). Spp. (	Observe	d Using Feature	
				***************************************	***************************************	M441-4-644			***************************************	***************************************	
Bat Roosting Feat		[i.e. tall trees	/ □-Unknov s with open	vn, no ad surround	ccess	(*if yes, d	<i>lescribe in</i> icm, side-l	table below) facing cavities -	-10m hi	gh in tree]	
UTM	Tree ID			Photo	No.	Decay Cl	ass (1-5)	No. of Cavities	Heigh	t and Type of Cavities	
							()		1111911	and type of Currents	
	<u> </u>										
Stick Nests:			Contains lar □-Y* / ☑-N	ge stick / □-Unk	nests nown,	? , no acces	ss (*if yes,	describe in tab	le belov	v)	
STICK NEST(S) IDEN	TIFIED	T. ID.					T			2	
UTM		Tree ID	1 ree	Spp.		Nest Size	Photo N	o. Spp.	Observe	d Using Feature	
Seeps/Springs/Vei			Contains se □-Y* / ⊡-N	/ 🗆-Unk	ngs/ve nown,	rnal pools , no acces	s? ss (*if yes,	describe in tab	le belov	v)	
SEEP / SPRING / VEF	RNAL PO	OL FEATURE(									
UTM	Fe	ature No. & Ty	pe Feature (Diame		Wate	er Depth	Photo No	Sub/Emerge Spp. Pres		Shrubs/ Logs at Edge Present?	
									4		
					<u></u> .						
SPECIES & HABITA	Γ OBSER	VATIONS (list:	species and	type of o	bserva	ation & in	dicate on n	nap)			

CA=carcass: DP=distinctive parts: FE=feeding evidence; FY=eggs/nest: HO=house/den; OB=observed; SC=scat; SI=other sign; TK=track: VO=vocalization

50	Stantec Con-	sulting i	Ltd. Coll. Ti	le II.	oodoido El C			
B	1 – 70 Souths Guelph; ON Canada N10 Tel: (519) 836 Fax: (519) 83	gate Driv i 4P5 5-6050		Sh Woodla	oadside EL0 nd & Wildlife sessment Fo	Habitat		
Stantec	Fax: (519) 63	0-2493						
Project Number:	1609	50	269	Project Name:	NRWC E	ELC		
Date	27	Ju	ne 2012	Field Personnel:	A. Ducho	one		
Weather Conditions:	TEMP (%	C):	WIND: light	Cloud-1	PPT:	PPT (in last 24 hrs)		
			$\mathcal{I}$	POLYGON DES	CRIPTION			
				TOPOGRAPHIC F	EATURE	HISTORY		
ELC COMMUNITY	POLYGON:	-  -  12	.5 :00	☐ LACUSTRINE ☐ RIVERINE ☐ BOTTOMLAND ☐ TERRACE ☐ VALLEY SLOPE	☐ TALUS ☐ CREVICE / CAVE ☐ ALVAR ☐ ROCKLAND ☐ BEACH / BAR	□ NATURAL		
DESCRIPTION & CLASSIFICATION	END TIME:	17	1:15	□ TABLELAND □ ROLL: UPLAND □ CLIFF	□ SAND DUNE □ BLUFF			
STAND DESCRIP	TION:							
LAYER	нт	CVR			ECREASING DOM			
1 CANOPY	1-2	3	QUERL	IBR >QUE	MACR =	SUGNIGR		
2 SUB-CANOPY	3-4	3.	QUERU	BR> FAGO	GRANTLO	NTART		
3 UNDERSTORE		4	GRASS	Sp. > CRAS	succ = co.	NTART		
4 GRD. LAYER		_3	GRASS	sp. > Sol	LCANA			
HT CODES: CVR CODES:					5 <ht≤1m 6="0.2&lt;HT≤&lt;br">60% 4=CVR&gt;60% N</ht≤1m>			
STANDING SNAGS:			A <10	0 10 - 24	N 25 - 50	>50		
ABUNDANCE CODES:		P	=NONE R=RARE	0=6CCASIONAL	A=ABUNQANT N	O=Not observed		
STAND MATURITY:	PIONEER		YOUNG	MID-AGE	MATURE	OLD GROWTH		
VEGETATION TYPE Dry-Fresh C	ak-Han	dwa	ood Deciduor	is Forest	CODE: FOD	24		
COM	PLEX			CODE:				
Evidence of Distu	rbance / I	lotes.						

LAYERS: 1=CANOPY >10m 2=SUB-CANOPY 3=UNDERSTOREY 4=GROUND (GRD.) LAYER ABUNDANCE CODES: N=NONE R=RARE O=OCCASIONAL A=ABUNDANT D=DOMINANT N/O=Not observed DISTANCE FROM RD. LAYER COLL. SPECIES CODE >5 m 2 3 4 TREES: ACESASA 0 R  $\bigcirc$ 0  $\bigcirc$ 0 TILAMER  $\bigcirc$ 0 N 0 0 R QUE MACR 0 D  $\overline{D}$ 02 N 0 QUEPUBR N A JUBNIER . 0 0 CAROVAT R 0  $\bigcirc$ A FAGGRAN N 0 N. 0 TILCURD N ULMAMER 0 0 SHRUBS: CRASUCC 0 2 0 N 0 0 LONTART A 0 CORRACE 0 D GROUND: GRASS SP. D D SOLCANA A 0 0 0

1 2	Quality Control This form is complete 🖼 & legible 🖃
Signature:	Signature:
(Field Personnel)	(Project Manager)

ELC Polygon: #	Assessr	nent Type: 🗹-\	/isual; no	access / 🗆	]-Walk throւ	ugh feature	)		
Extent of Physical Inv	estigation o	f Feature: 👊-6	Entire / □	I-Partial, wa	ilk through p	oolygon <i>(in</i>	dicate on map)		
Reptile / Bat Hiber		□-\ li.e. brid Cor □-\ li.e.	features the features the features the features to feature the feature feature from the fea	/ □-Unknov hat would proents or culvert tential bat h / □-Unknov ography, aban	vide a route u s with cracks/ i <b>bernacula 1</b>	ss (*if yes, nderground, entry points features? ss (*if yes,	describe in table including buried of	onerete lices or	or rock (e.g. foundations, inactive animal burrows)]
POTENTIAL HIBERN	NACULA FE					1		_	
UTM		Fea	ture Desc	cription		Photo No	Spp. C	bserve	d Using Feature
			***************************************						
Bat Roosting Feat			I-Unknov ith open	vn, no acce surrounding	ss (*if yes, d	lescribe in Scm, side-1	table below) facing cavities ~	10m hí	gh in tree]
POTENTIAL BAT RO									
UTM	Tree ID	Tree Spp.	DBH	Photo No.	Decay Cl	ass (1-5)	No. of Cavities	Heigh	t and Type of Cavities
		7							
Stick Nests:		Col	ntaine la	rge stick ne	nto?				
Stick Nests:		Y	Y* / 8-N	/ □-Unknov	vn, no acce:	ss (*if yes,	describe in tabl	e belov	v)
STICK NEST(S) IDEN	TIFIED								
UTM		Tree ID	Tree	Spp.	Nest Size	Photo N	o. Spp. C	bserve	d Using Feature
								···	
								15	
Seeps/Springs/Ver	nal Pools	: ₂ Coi	ntains se Y* / ⊟∈N	eps/springs / □-Unknov	/vernal pool	ls? ss (*if vas	describe in tabl	e helov	v)
SEEP / SPRING / VER	NAL POOL				W11, 510 4000	33 ( 11 <b>y</b> C3,	describe in tabl	C DOION	
UTM		ıre No. & Type	Feature (Diame	e Size w	ater Depth	Photo No	Sub/Emerger Spp. Prese		Shrubs/ Logs at Edge Present?
								***************************************	
CDECIEC & IIA DITIA	E ODGEDIU	TIONS (II.					-	· · · · · · · · · · · · · · · · · · ·	
SPECIES & HABITAT	I OBSERVA	ATIONS (list spe	ecies and	type of obse	rvation & in	dicate on n	nap)		
CA=carcass: DP=distinct	ive parts: FE=	feeding evidence:	FY=eggs/	/nest: HO=ho	use/den; OB=	observed: SO	C=scat; SI=other si	gu; TK=	track: VO=vocalization

The second	Stantec Con 1 – 70 South Guelph, ON Canada N10 Tel: (519) 83	gate Driv 3 4P5			1.1e -6	Woodla	nd a		ife i		
Stantec	Fax: (519) 83					As	ses	sment	Fori	m	
Project Number	1609	502	69			Project Name	: 1	RWC	E		
Date	27	Ju	ne 1	2017	F	Field Personnel: A . D.				charme	
Weather Conditions:	TEMP (°	C):	15	vind:		cloud -		PPT:	PI	PT (in last 24 hrs):	
				_	РО	LYGON DES	SCRI	PTION			
					TOI	POGRAPHIC	FEAT	JRE	Н	STORY	
ELC COMMUNITY DESCRIPTION &	POLYGON: START TIM	11-	·(5	,		ACUSTRINE IVERINE OTTOMLAND ERRACE ALLEY SLOPE	□ AL □ RC □ BE	REVICE / CA	VE	NATURAL CULTURAL	
CLASSIFICATION	END TIME:	12	:3	٥	□R	ABLELAND OLL, UPLAND LIFF	O BL				
STAND DESCRIF	PTION:										
LAYER	НТ	CVR	(>>MI			ORDER OF				NCE T EQUAL TO)	
1 CANOPY		_	-	-							
2 SUB-CANOP	Υ —	_	_								
3 UNDERSTOR	EY	_		•							
4 GRD. LAYER		2		PVA	1						
HT CODES: CVR CODES:						=1 <ht≤2m <b="">5=0 5% <b>3</b>=25<cvr< td=""><td></td><td></td><td></td><td></td></cvr<></ht≤2m>					
STANDING SNAGS	:		N	<10	7	10 – 24	N	25 – 50	1	J >50	
ABUNDANCE CODES:		N	I=NONE	R=RAF	RE O	=OCCASIONAL	A=/	ABUNDANT	N/O=	Not observed	
STAND MATURITY	PIONEER	1	You	NG		MID-AGE	,	MATURE		OLD GROWTH	
VEGETATION TYPI Ploa	tina-Le	aved	Shal	الرب .	Agu	atic "	COD	E: SA	F	?	
CON	IPLEX						COD	E:			
Evidence of Dist	urbance / I	Notes:		£1,c	u (-	+ 105	ee	2 oth	er	Specie	
				- (	11	in c	th	wet	lan	Jueg-	
								, m.		)	

LAYERS: 1=CANOPY >10m 2=SUB-CANOPY 3=UNDERSTOREY 4=GROUND (GRD.) LAYER ABUNDANCE CODES; N=NONE R=RARE O=OCCASIONAL A=ABUNDANT D=DOMINANT N/O=Not observed LAYER DISTANCE FROM RD. COLL. SPECIES CODE ≤5 m >5 m 2 4 1 3 TREES: SHRUBS: GROUND: NUPVARI

Signature: A3	Signature:
(Field Personnel)	(Project Manager)

									vviidi	ife Habitat Assessment Form		
ELC Polygon: #     -(	Assess	ment Type:	<b>⊡</b> -Visual; n	o acces	ss / 🗀	-Walk throu	gh feature					
Extent of Physical Inve	stigation	of Feature:	Q-Entire / D	<b>]</b> -Partia	al, wal	k through p	olygon <i>(inc</i>	dicate on map)				
Reptile / Bat Hibern	acula Fe		[i.e. features the bridge abutmath contains possible contains poss	/ □-Ur that won cots or c ptential / □-Ur	know Id prov ulverts bat hil know	n, no acces ide a route ur with cracks/d bernacula fo n, no acces	s (*if yes, onderground, entry points. eatures? s (*if yes, o	describe in tabli including buried o	concrete vices or	or rock (e.g. foundations, inactive animal burrows)]		
POTENTIAL HIBERN	ACULA F	EATURE(S)	IDENTIFIE	ED								
UTM		· · · · · · · · · · · · · · · · · · ·	Feature Des	cription	1		Photo No.	Spp. C	)bserve	d Using Feature		
		***************************************	***************************************			······································						
							<u> </u>					
Bat Roosting Featu		[i.e. tall tree	es with oper	wn, no surrou	acces	s (*if yes, d		<i>table below)</i> acing cavities ~	10m hi	gh in tree]		
POTENTIAL BAT RO		<del></del>		T		- CI	(4.45)	N 40 111	T			
UTM	Tree ID	Tree Sp	p. DBH	Phot	o No.	Decay Cla	ass (1-5)	No. of Cavities	Heigh	t and Type of Cavities		
					***************************************							
Stick Nests:			Contains la	rae stic	k noc	te?						
Otion Hests.			□-Y* / □-K	ilge sile I / □-Ui	nknow	n, no acces	ss (*if yes,	describe in tabi	le belov	v)		
STICK NEST(S) IDEN			,									
UTM		Tree ID	Tre	e Spp.		Nest Size	Photo No	. Spp. (	Observe	d Using Feature		
		······································										
										******		
Seeps/Springs/Veri	nal Pools	<b>3</b> :	Contains s	eeps/sp I / □-Ur	rings/ hknow	vernal pools	s? is (*if ves :	describe in tabl	le helov	v)		
SEEP / SPRING / VER	NAL POO	L FEATURE				.,, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	( 1. ) 00,	/	0 00.07	-/		
UTM	Feat	ture No. & T	ype Featur (Dian		Wa	ter Depth	Photo No.	Sub/Emerger Spp. Preso	nt Veg. ent?	Shrubs/ Logs at Edge Present?		
				**************************************	-							
							(9)					
SPECIES & HABITAT	OBSEDV	ATIONS (lies	t species and	l tuno of	Cobson	mation & in	diaata an m	·		·		
SI ECIES & HABITAT	OBSERV	ATTONS (IIS	t species and	type of	obser	vation & in	ulcate on in	ар)				
										8 -		
										· 1		
										5.15		

CA=carcass: DP=distinctive parts: FE=feeding evidence; FY=eggs/nest: HO=house/den; OB=observed: SC=scat; SI=other sign: TK=track: VO=vocalization

Stantec	Stantec Consulting 1 – 70 Southgate Dry Guelph, ON Canada N1G 4P5 Tel: (519) 836-6050 Fax: (519) 836-2493	ve	7 Woodlan	padside EL d & Wildlif essment F	e Habitat
Project Number:	160950	269	Project Name:	NRWC	ELC
Date:	27 Jui	ne 2012	Field Personnel:	A. Duch	arme
Weather Conditions:	TEMP (°C):	WIND:	cloudy	PPT:	PPT (in last 24 hrs)
		)	POLYGON DESC	CRIPTION	
			TOPOGRAPHIC FE	ATURE	HISTORY
		•			

#### ☐ LACUSTRINE ☐ RIVERINE ☐ TALUS ☐ CREVICE / CAVE MATURAL **ELC** ☐ ALVAR CULTURAL BOTTOMLAND ☐ TERRACE ☐ ROCKLAND COMMUNITY □ BEACH / BAR U VALLEY SLOPE **DESCRIPTION &** SAND DUNE @TABLELAND END TIME: CLASSIFICATION ROLL. UPLAND □ BLUFF CLIFF

## STAND DESCRIPTION:

	COMPLE		Ī			CODE:			
MEGETATION TYPE: Meadow-Marsh or Cultural Medal CODE: MAM/CUMI									
ST	AND MATURITY:	PIONEER		YOUNG	MID-AGE	MATURE	OLD GROWTH		
1999	UNDANCE CODES:	/	2762	=NONE R=RARE	O=OCCASIONAL	A=ABUNDANT	N/O=Not observed		
ST	ANDING SNAGS:			R <10	10-24	25 – 50	>50		
HT CODES: 1=>25m 2=10 <ht≤25m 0="NONE" 1="0%&lt;CVR≤10%" 2="10&lt;CVR≤25%" 3="25&lt;CVR≤60%" 4="CVR" 5="0.5&lt;HT≤1m" 6="0.2&lt;HT≤0.5m" 7="HT&lt;0.2m" codes:="" cvr="">60% N/O=not observed</ht≤25m>									
4	GRD. LAYER	6-7	3	GRASS Sp.					
3	UNDERSTOREY	4-5	4	GLASS Sp=1		SOLCANA "	7 DIPFULL		
2	SUB-CANOPY	_	ſ	-					
1	CANOPY		-	-					
	LAYER	HT	CVR		S IN ORDER OF DATE THAN; >GRE		MINANCE BOUT EQUAL TO)		

**Evidence of Disturbance / Notes:** 

LAYERS: 1=CANOPY > 10m 2=SUB-CANOPY 3=UNDERSTOREY 4=GROUND (GRD.) LAYER ABUNDANCE CODES: N=NONE R=RARE O=OCCASIONAL A=ABUNDANT D=DOMINANT N/O=Not observed DISTANCE FROM RD. LAYER COLL. SPECIES CODE ≤5 m >5 m 1 2 3 4 TREES: SHRUBS: GROUND: GRASS Sp. DIPFULL 0 0 SUL CANA 0 A

	Quality Control: This form is complete
Signature: An	Signature:
(Field Personnel)	(Project Manager)

ELC Polygon: #   -	-'									)		
Reptile / Bat Hiber		Features: (	Conta □-Y* [i.e. tea bridge Conta □-Y*	ains pot / 🗗-N / eatures the abutmer ains pot	tential re	eptile (nown I provi- lverts v at hib	hibernacular, no access de a route un with cracks/e pernacula fe n, no access	a features s (*if yes, iderground, intry points eatures? s (*if yes,	s? describe in tal including buried , exposed rock of	ble below I concrete revices or i	or rock (e.g. foundations, inactive animal burrows)]	
POTENTIAL HIBER	NACULA		<del>-</del>		- · · · ·							_
UTM		J	Featu	re Desc	ription			Photo No	o. Spp.	Observed	d Using Feature	
												_
Plant Halland			<del></del>		***************************************	***************************************	***************************************				***************************************	
Bat Roosting Feat	ures:	O-Y*/	/ <b>U</b> -L	Unknow	vn, no ac	ccess	s (*if yes, de			~10m híç	gh in tree]	-
POTENTIAL BAT RO	OOSTING	G FEATURE(S)	IDE	NTIFIE	D							
UTM	Tree II	D Tree Spp	J.	DBH	Photo	No.	Decay Cla	ass (1-5)	No. of Cavitie	Heigh	t and Type of Cavities	
	<u> </u>				<b></b>		<u></u>		·····	_		-
	-				i					_		1
												7
Stick Nests:			Conta	ains lar	ge stick	nest	s?	- /*if voc	describe in to	Lie bolou	. A	-
STICK NEST(S) IDE	NTIFIED		<u> </u>	/ <del>LI-</del> IV /	/ U-Unk	CHOWI	1, no acces	s ("If yes,	describe in ta	ble below	<i>V)</i>	-
UTM	.VIIIIIDD	Tree ID		Tree	Spp.		Nest Size	Photo N	o. Spp.	Observe	d Using Feature	-
					orr.		*	1		0.000	o come a cutato	-
												_
												_
Seeps/Springs/Ve	rnal Poo	ols:	Conta	ains se	eps/spri / 🗅-Unl	ings/v	/ernal pools	s? s (*if yes,	describe in ta	ble belov	v)	
SEEP / SPRING / VEI	RNAL PO								1			
UTM	F	eature No. & Ty	'pe		1	Wat	ter Depth	Photo No	<b>)</b>	_	Shrubs/ Logs at Edge Present?	3
				····		***************************************				v10000000 -yu - x1tu-1-yubuwu-1110000010		_
			+	***************************************								_
CONCERN OF THE PARTY	= CDCEF										1	_
SPECIES & HABITA	T OBSER	WATIONS (list	speci	ies and t	type of o	bserv	vation & inc	dicate on r	nap)			_
											5	
											1, 1	
											17.	
			General Contains potential bat roosting features?   General Contains potential bat roosting features f			± 5						
											Pote	

CA=carcass: DP=distinctive parts: FE=feeding evidence; FY=eggs/nest: HO=house/den; OB=observed; SC=scat; SI=other sign; TK=track; VO=vocalization

6	Stantec Con 1 – 70 South Guelph, ON Canada N10 Tel: (519) 83 Fax: (519) 83	6 4P5 6-6050	Poly 11.	Tile II; R Woodla As	Roadside ELC nd & Wildlife sessment Fo	C, Habitat erm						
Project Number:	1609	500	269	Project Name	: NRUC G	ELC						
Date:	27	27 June 2012 Field Personnel: A. Ducharme										
Weather Conditions:	TEMP (°	TEMP (°C): WIND: CLOUD: PPT PPT (in last 24 hrs):										
POLYGON DESCRIPTION												
				TOPOGRAPHIC I	EATURE	HISTORY						
COMMUNITY	POLYGON: START TIME:	E: \[ \]	-8 2:30 2:45	☐ LACUSTRINE ☐ RIVERINE ☐ BOTTOMLAND ☐ TERRACE ☐ VALLEY SLOPE ☐ TABLELAND ☐ ROLL. UPLAND ☐ CLIFF	☐ TALUS ☐ CREVICE / CAVE ☐ ALVAR ☐ ROCKLAND ☐ BEACH / BAR ☐ SAND DUNE ☐ BLUFF	©™ATURAL						
STAND DESCRIP	TION:	CVR	1	CIES IN ORDER OF								
1 CANOPY	2	3	ACESAS	A=FAGGR	ANTERNAMI	NFR						
2 SUB-CANOPY	13	Ч	Decido	ous tras/s	hrubs							
3 UNDERSTORE	Y 4-5	4	Deciduo	us trees 1 sho	ubs							
4 GRD. LAYER	6-7	3	arasses									
HT CODES: CVR CODES:	1=>25m 0=NONE			510m <b>4=</b> 1 <ht≤2m <b="">5≃0 <cvr≤25% <b="">3=25<cvr< th=""><th></th><th></th></cvr<></cvr≤25%></ht≤2m>								
STANDING SNAGS:			<10	R 10-24	25 - 50	>50						
ABUNDANCE CODES:		N	=NONE R=RAF	RE O=OCCASIONAL	A=ABUNDANT N	O=Not observed						
STAND MATURITY:	PIONEER	₹	YOUNG	MID-AGE	MATURE	OLD GROWTH						
VEGETATION TYPE	De	cidu	law For	est	CODE: FOT	>						

**Evidence of Disturbance / Notes:** 

LAYERS: 1=CANOPY >10m 2=SUB-CANOPY 3=UNDERSTOREY 4=GROUND (GRD.) LAYER
ABUNDANCE CODES: N=NONE R=RARE 0=OCCASIONAL A=ABUNDANT D=DOMINANT N/O=Not observed

ABBRIDANCE CODES. N-NOVE RETAINE G-OCCADIONAL A ABBRIDANCE					DISTANCE FROM RD.			
SPECIES CODE	1	2	3	4	≤5 m	>5 m	COLL.	
REES.		4	7 K.,	79	the section of the last	46-515		
ACESASA	A	A	NO	N/0	N/A	A		
FAGGRAN	AA	A	N/0	N/0		A		
FRAAMER	A	A	NIO	N/0		A		
ACESASA FAGGRAN FRAAMER Deciduous trees (other)	A	A	NIO	NIO		A		
HRUBS:	hari	9	10 mm 10 mm 12		1 3	and the state of t		
Deciduous shrubs	2	A	Α	NO	NA	А		
ROUND:				Mark and			i dun	
GRASS Sp.	Green Mariena (gr		0	A	N/A	0		
T.		-						

1/2	Quality Control This form is complete 3 & legible 3.
Signature:	Signature:
(Field Personnel)	(Project Manager)

									7 1110111	TO THOUSEAST TOOCGOOD TO THE TOTAL
ELC Polygon: #	Assess	sment Type: [	<b>⊡</b> -Visual; n∈	access.	/ 🗆 -	Walk throu	gh feature			_
Extent of Physical Inv	estigation	of Feature: (	□-Entire / □	ا.Partial ا	walk	through po	olygon <i>(inc</i>	dicate on map)		
Reptile / Bat Hiber		[ ] ( [	[i.e. features the bridge abutme Contains per □-Y* / □-N / [i.e. karst topo	/ □-Unkn hat would pents or culve tential ba / □-Unkn ography, ab	providents vat hib	i, no accest de a route un with eracks/e pernacula fe i, no acces	is (*if yes, onderground, entry points, eatures? is (*if yes, o	describe in table including buried o	concrete o vices or i	or rock (e.g. foundations, inactive animal burrows)]
UTM	IACULA F						Dhoto No	S C	No awara	J II-ing Footung
Ulivi			Feature Desc	ription			Photo No.	. Spp. U	bserveu	d Using Feature
		***************************************	***************************************	***************************************		***************************************				
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Bat Roosting Feat		[i.e. tall tree	s with open	wn, no acc surround	cess	s (*if yes, de	escribe in icm, side-f	<i>table below)</i> acing cavities ~	·10m hiş	gh in tree]
POTENTIAL BAT RO	OSTING I	<del></del>		LD						
UTM	Tree ID	Tree Spp	p. DBH	Photo N	Vo.	Decay Cla	ass (1-5)	No. of Cavities	Heigh	t and Type of Cavities
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Stick Nests:			Contains lar □-Y* / □-N	rge stick r / □-Unkr	nests nowr	s? ı, no acces	s (*if yes,	describe in tabl	le belov	4)
STICK NEST(S) IDEN						2.4				
UTM		Tree ID	Tree	e Spp.	$\rightarrow$	Nest Size	Photo No	). Spp. (	<u> Dbserve</u>	d Using Feature
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Seeps/Springs/Ver				/ 🔲-Unkr	igs/v nowr	rernal pools	s? ss (*if yes,	describe in tabl	le belov	/)
SEEP / SPRING / VER	RNAL POO	L FEATURE	(S) IDENTIF	FIED			·			4
UTM	Feat	ture No. & Ty	ype Feature (Diama		Wat	ter Depth	Photo No.	Sub/Emerger Spp. Prese		Shrubs/ Logs at Edge Present?
					***************************************					
		***************************************								
SPECIES & HABITAT	Γ OBSERV	ATIONS (list	species and	type of ol	bserv	ation & inc	dicate on m	іар)		
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Project Number:	1609	50	269	1	Project Name:	NRWC	FLC					
Date:												
Weather Conditions:	TEMP (°		······	IND:	cronp:	PPT:	PPT (in last 24 hrs):					
POLYGON DESCRIPTION  TOROGRAPHIC FEATURE HISTORY												
POLYGON: ) ( C DLACUSTRINE DTALUS MATURAL												
ELC S	DLYGON: TART TIME ND TIME:	12	-9 ::49 370	> )()	☐ RIVERINE ☐ BOTTOMLAND ☐ TERRACE	☐ TALUS ☐ CREVICE / CAVE ☐ ALVAR ☐ ROCKLAND ☐ BEACH / BAR ☐ SAND DUNE ☐ BLUFF						
STAND DESCRIPT	ION:											
LAYER	⊬HT	CVR	(>>ML		ES IN ORDER OF D ATER THAN; >GRE							
1 CANOPY		-	-									
2 SUB-CANOPY	3-4	2	610	GLAL	17 FRAAN	IER-						
3 UNDERSTOREY			_									
4 GRD. LAYER	Cr7	4		ASS S	Sρ.							
HT CODES:					m 4=1 <ht≤2m 5="0.&lt;br">VR≤25% 3=25<cvr≤< th=""><th></th><th></th></cvr≤<></ht≤2m>							
STANDING SNAGS:			M	<10	N 10-24	25 – 50	>50					
ABUNDANCE CODES:		N	I=NONE	R=RARE	O=OCCASIONAL	A=ABUNDANT I	N/O=Not observed					
STAND MATURITY:	PIONEER		You	NG	MID-AGE	MATURE	OLD GROWTH					

VEGETATION TYPE: Dry-Moist Old Field Cultural Median Holgeran CODE: HOD/CUMI-1

CODE:

**Evidence of Disturbance / Notes:** 

COMPLEX

LAYERS: 1=CANOPY >10m 2=SUB-CANOPY 3=UNDERSTOREY 4=GROUND (GRD.) LAYER
ABUNDANCE CODES: N=NONE R=RARE 0=OCCASIONAL A=ABUNDANT D=DOMINANT N/O=Not observed DISTANCE FROM RD. LAYER COLL SPECIES CODE ≤5 m >5 m TREES: NA + PICGLAU 0 FRAAMER SHRUBS: GROUND: NIA GRASS SP.

	27				
Signature: A. M.		y Contro ignature	m is comple	te 🗗 & legib	le 🖽
(Field Personnel)		•	(Project	Manager)	
Mirosource) Internal Info and Tapme (EIEI D EODMC) (acadetics					

□-Y*/ <i>□</i> -1	Contains po    -Y* /   -N     i.e. features   bridge abutm   Contains po   -Y* /   -N     i.e. karst top   IDENTIFII   Feature Des   Otential bat     V   -Unknown with oper     OBH     Contains late   -Y* /   -N     C	otential reptile  I / □-Unknown that would providents or culverts optential bat hil  I / □-Unknown ongraphy, aband  ED  coription  roosting feature own, no access a surrounding  ED  Photo No.	e hibernaculan, no accesside a route un with cracks/e bernacula fen, no accessioned mines of the control of the	a features's (*if yes, conderground, intry points, eatures? s (*if yes, conderground)  Photo No.  Photo No.  escribe in the com, side-factors (1-5)	Pescribe in table netuding buried concepts of the exposed rock crevites of table Spp. O	onerate or ires or ire	or rock (c.g. foundations. nactive animal burrows)]  Using Feature  th in tree]  and Type of Cavities
Contains p  -Y* / -  [i.e. tall tree  ING FEATURE(S)  Tree Sp	-Y* /   -N	I / □-Unknown that would providents or culverts otential bat hild / □-Unknown that would provide the property of the providents of culvers of the providents	n, no accesside a route un with cracks/e bernacula fen, no accessioned mines or oned mines or one or or one or or or one or	s (*if yes, or derground, intry points, eatures? s (*if yes, or caves)  Photo No.  escribe in to cm, side-facts (1-5)	describe in table meluding buried of exposed rock crev describe in table Spp. O  cable below) acing cavities  No. of Cavities	onerate or ires or ire	or rock (c.g. foundations. nactive animal burrows)]  Using Feature  th in tree]  and Type of Cavities
Contains p	otential bat I / □-Unkno es with oper I DENTIFI DBH  Contains la □-Y* / □-N	roosting feature, no access surrounding.  Photo No.	ires? s (*if yes, des, DBH >25 Decay Cla	Photo No.	rable below) acing cavities ~	10m hig	th in tree]
U-Y* / O-A [i.e. tall tree ING FEATURE(S e ID Tree Sp	otential bat  /	roosting feature with no access surrounding ED Photo No.	s (*if yes, de s, DBH >25 Decay Cla	escribe in t cm, side-fa	rable below) acing cavities ~	10m hig	th in tree]
U-Y* / O-A [i.e. tall tree ING FEATURE(S e ID Tree Sp	O / D-Unknoes with oper  IDENTIFI  DBH  Contains la	Photo No.	s (*if yes, de s, DBH >25 Decay Cla	cm, side-fa	ncing cavities ~	Height	and Type of Cavities
e ID Tree Sp	p. DBH  Contains Ia □-Y* / ⊡-N	Photo No.	ts?				
ED	Contains la	arge stick nes	ts?				
	□-Y*/	arge stick nes N / □-Unknow	ts? n, no acces	s (*if yes, o	describe in table	e below,	·)
	7						
	1 re	ee Spp.	Nest Size	Photo No	. Spp. O	Observed	l Using Feature
Pools:	Contains s □-Y* / ☑-N	eeps/springs/ √ / □-Unknow	vernal pools	s? s (*if yes, o	describe in table	e below,	)
POOL FEATUR							
Feature No. & T	vne:	Wa	ter Depth	Photo No.			Shrubs/ Logs at Edge Present?
SERVATIONS (lis	t species and	d type of obser	vation & inc	dicate on m	ap)		
	Feature No. & T	POOL FEATURE(8) IDENT Feature No. & Type (Dian	POOL FEATURE(8) IDENTIFIED  Feature No. & Type    Feature Size (Diameter)   Wa	POOL FEATURE(8) IDENTIFIED  Feature No. & Type    Feature Size (Diameter)   Water Depth	POOL FEATURE(8) IDENTIFIED  Feature No. & Type    Feature Size (Diameter)   Water Depth   Photo No.	POOL FEATURE(S) IDENTIFIED  Feature No. & Type   Feature Size   Water Depth   Photo No.   Sub/Emerger	POOL FEATURE(8) IDENTIFIED  Feature No. & Type  Feature Size (Diameter)  Water Depth  Photo No.  Sub/Emergent Veg. Spp. Present?

Stantec Project Number: Date:	Gueiph, ON Canada N1 Tel: (519) 8 Fax: (519) 6	G 4P5 36-6050	Poly 11-	∖O Woodlai		Habitat				
Weather Conditions:	TEMP	(°C):	WIND:	CLOUD:	PPT:	PPT (in last 24 hrs).				
POLYGON DESCRIPTION										
TOPOGRAPHIC FEATURE HISTORY										
COMMUNITY	POLYGON START TIP END TIME	/E: \	10 3:60 13:15	☐ LACUSTRINE ☐ RIVERINE ☐ BOTTOMLAND ☐ TERRACE ☐ VALLEY SLOPE ☐ TABLELAND ☐ ROLL. UPLAND ☐ CLIFF	☐ TALUS ☐ CREVICE / CAVE ☐ ALVAR ☐ ROCKLAND ☐ BEACH / BAR ☐ SAND DUNE ☐ BLUFF	©MATURAL □ CULTURAL				
STAND DESCRIP	TION:									
LAYER	нт	CVR			DECREASING DOMI					
1 CANOPY	_									
2 SUB-CANOP	Y -									
3 UNDERSTORE		4	SOLCAN	A > DIPFU	LL7 grasses	> 1 Sedges				
HT CODES: CVR CODES:	1=>25r			0m 4=1 <ph1≤2m 5="0.&lt;/th"><th>5   Sedice 5   7   5<ht≤1m (6="0.2&lt;HT≤0&lt;br">60% 4=CVR&gt;60% N</ht≤1m></th><th></th></ph1≤2m>	5   Sedice 5   7   5 <ht≤1m (6="0.2&lt;HT≤0&lt;br">60% 4=CVR&gt;60% N</ht≤1m>					
STANDING SNAGS:	:	- II	R <10	R 10-24	J 25 - 50	√ >50				
ABUNDANCE CODES:	,	N	I=NONE R=RARE	O=OCCASIONAL	A=ABUNDANT N/	O=Not observed				
STAND MATURITY:	PIONE	R	YOUNG	MID-AGE	MATURE	OLD GROWTH				
VEGETATION TYPE	1-01d	Field	Meadow	Hedgerow	CODE: MAM	UM1-1				
СОМ	PLEX				CODE:					

Evidence of Disturbance / Notes:

LAYERS: 1=CANOPY >10m 2=SUB-CANOPY 3=UNDERSTOREY 4=GROUND (GRD.) LAYER

ABUNDANCE CODES: N=NONE R=RARE 0=OCCASIONAL A=ABUNDANT D=DOMINANT N/0=Not observed

ABUNDANCE CODES: N=NONE R=RARE O=0	LAYER				DISTANCE	COLL.	
SPECIES CODE	1	2	3	4	≤5 m	>5 m	COLL
TREES:	5386 F			TO SERVICE		2 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	
SHRUBS:	50004	160		9		200	
GROUND:	3 3 1						
SOL CANA DIPFULL, grasses (Sedges			A	20 A	D O A		

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Signature: //	Signature:
(Field Personnel)	(Project Manager)

ELC Polygon: #	Asses	sment Type:	G-Visual; no	access / 🗆	I-Walk throu	gh feature			
Extent of Physical Inv	restigation	of Feature:	□-Entire / □	I-Partial, wa	lk through p	olygon <i>(ind</i>	licate on map)		
Reptile / Bat Hiber		1	[i.e. features the bridge abutme Contains po □-Y* / □-N [i.e. karst topo	/ □-Unknow hat would provents or culverts tential bat hi / □-Unknow ography, abanc	In, no acces vide a route un s with eracks/d ibernacula f In, no acces	is (*if yes, conderground, interpretation of the control of the co	describe in table including buried of	concrete vices or i	or rock (e.g. foundations, nactive animal burrows)]
UTM	NACULA		Feature Desc			Photo No.	Spp. O	bserved	l Using Feature
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- Walling all all all all all all all all all al		<del></del>		***************************************					
POTENTIAL BAT RO		□-Y* / ⊡-Ñ [i.e. tall tree		vn, no acces surrounding	ss (*if yes, d	lescribe in t icm, side-fa	table below) acing cavities ~	10m hiç	gh in tree]
UTM	Tree ID	Tree Spp		Photo No.	Decay Cl	ass (1-5)	No. of Cavities	Heigh	t and Type of Cavities
Stick Nests:			Contains la	rge stick nes / □-Unknov	sts? vn, no acces	ss (*if yes, o	describe in tabl	e below	<i>'</i> )
STICK NEST(S) IDEN	NTIFIED	Tree ID	Tro	Spp.	Nest Size	Photo No	Snn (	)haawra	d Haing Faatuus
OTIM		Tree ID	Tree	; opp.	Nest Size	Photo No	Spp. С	Juserve	d Using Feature
Seeps/Springs/Ver	rnal Pool	s:	Contains se □-Y* / ☑-N	eps/springs / <b>□</b> -Unknov	/vernal pool	s? ss (*if yes, o	describe in tabl	e below	<i>'</i> )
SEEP / SPRING / VEF	RNAL POC	)L FEATURE	<del></del>			1			
UTM	Fea	ture No. & Ty	ype Feature (Diam	MAZ	ater Depth	Photo No.	Sub/Emerger Spp. Prese		Shrubs/ Logs at Edge Present?
							<u> </u>		
SPECIES & HABITA	T OBSERV	'ATIONS (list	species and	type of obser	rvation & in	dicate on m	ap)		
									1.
10									
									1
					12				2.6

CA=carcass: DP=distinctive parts: FE=feeding evidence; FY=eggs/nest: HO=house/den; OB=observed: SC=seat; SI=other sign; TK=track: VO=vocalization

The second	Stantec Con 1 – 70 South Guelph, ON Canada N10 Tel: (519) 83 Fax: (519) 83	6 4P5 6-6050	Poly	II. T	ile	ار کار Woodlai Ass	oadsidend & Wi sessme	ildlife	e Hab	itat
Stantec	rax. (313) 00	0-2433						50		
Project Number	1609	502	169			Project Name:	NRUC	EL	C	
Date	27	Jun	e 20	12	Fie	eld Personnel:	A.D.	1 ch	arm	2
Weather Conditions:	TEMP (°	C):	WIL			CLOUD:	PPT		PPT (in	last 24 hrs)
			)		POL	YGON DES	CRIPTION			
					TOP	OGRAPHIC F	EATURE		HISTOR	
ELC	POLYGON:	11-	-((		□ RI\	CUSTRINE /ERINE TTOMLAND RRACE	☐ TALUS ☐ CREVICE ☐ ALVAR ☐ ROCKLA!		CULT	
COMMUNITY DESCRIPTION & CLASSIFICATION	END TIME:	13	545 3430		U VA	LLEY SLOPE BLELAND DLL. UPLAND	☐ BEACH / I ☐ SAND DU ☐ BLUFF	BAR		
STAND DESCRI	PTION:	CVR				ORDER OF E				
1 CANOPY	1.1	3	~ ~	DM ER	VIEK	THAN; >GRE	alex THAI		OUTEQ	UAL IO)
2 SUB-CANOR	PY 2-4	3	COA	AMER	<del>,                                    </del>	0+11-10 T	0D 4ce			
3 UNDERSTOR		2	Es D	Sha		ether Fo	21) 100			
4 GRD. LAYE	- 70	4	CZ	A.55	50-					
HT CODES: CVR CODES:						1 <ht≤2m 5="0&lt;br">% 3=25<cvr≤< td=""><td></td><td></td><td></td><td></td></cvr≤<></ht≤2m>				
STANDING SNAG	S:	П	5	10	R	10 – 24	25 -	- 50	N	>50
ABUNDANCE CODES	):	N	=NONE	R=RARE	0=	OCCASIONAL	A=ABUNDA		/O=Not ob	served
STAND MATURITY	/: PIONEEF	2	YOUNG	3		MID-AGE	MATURE		OLE	GROWTH
VEGETATION TYP	E: Dec	idu	lous	Fo	res	+	CODE:	10=	>	
COI	MPLEX						CODE:			
Evidence of Dis	turbance /	Notes:								· · · · · · · · · · · · · · · · · · ·
	DA	100	11+	+	U	See	_			

LAYERS: 1=CANOPY >10m 2=SUB-CANOPY 3=UNDERSTOREY 4=GROUND (GRD.) LAYER ABUNDANCE CODES: N=NONE R=RARE O=OCCASIONAL A=ABUNDANT D=DOMINANT N/O=Not observed DISTANCE FROM RD. LAYER COLL. SPECIES CODE ≤5 m >5 m 2 3 TREES D NIO NO FRAAMER 0/0 S NO NO TILAMER 0 NO NO A 010 other FOD trees SHRUBS: NIO RHUTYPH 1/8 11/0 N other FOD shrubs GROUND: GRASS SP. NIO A

		 rm is comple	ete 🗃 & legib	le 🖳
	-	(Project	Manager)	
		Quality Control:This for Signature:	Signature:	Quality Control:This form is complete

									*******	ne Habitat Hadesonient Folin	
ELC Polygon: #     _	Asses	ssment Type:	⊡∹Visual; n	o acces	s / 🗅-	-Walk throu	igh feature	•			
Extent of Physical Inve	.) estigation	of Feature:	☐-Entire / C	J-Partial	l, wall	k through p	olygon <i>(in</i>	dicate on map)			
Reptile / Bat Hiberr	nacula F		Contains potential reptile hibernacula features?  —Y* / —N / —Unknown, no access (*if yes, describe in table below)  [i.e. features that would provide a route underground, including buried concrete or rock (e.g. foundations, bridge abutments or culverts with cracks/entry points, exposed rock crevices or inactive animal burrows)  Contains potential bat hibernacula features?  —Y* / —N / —Unknown, no access (*if yes, describe in table below)  [i.e. karst topography, abandoned mines or caves]								
POTENTIAL HIBERN	IACULA						,				
UTM			Feature Des				Photo No	Spp. C	bservec	d Using Feature	
		***************************************			*************						
Bat Roosting Feat		□-Y* / ⊡-Ñ [i.e. tall tree	es with open	wn, no a	acces	s (*if yes, d	escribe in icm, side-	table below) facing cavities ~	10m hiç	gh in tree]	
POTENTIAL BAT RO			·	1		1			T		
UTM	Tree ID	Tree Spp	p. DBH	Photo	No.	Decay Cl	ass (1-5)	No. of Cavities	Heigh	t and Type of Cavities	
Ottols Nooto			O-steine le	Ai-i	•	- 0			****		
Stick Nests:			Contains la	rge stick I / □-Un	k nest	is? n, no acces	ss (*if yes,	describe in tabl	e belov	v)	
STICK NEST(S) IDEN	TIFIED		T ==			1	T				
UTM		Tree ID	Tre	e Spp.		Nest Size	Photo N	o.   Spp. C	)bserve	d Using Feature	
									<del></del>		
			1								
Seeps/Springs/Ver	nal Poo	ls:	Contains se	eeps/spr	rings/	vernal pool	s?				
			U-Y* / 03-N	√ / □-Unl	know	n, no acces	ss (*if yes,	describe in tabl	e below	v)	
SEEP / SPRING / VER			Factor	1			1	CL/Emanas	- 4 ¥7 a m	Chambel I age of Edge	
UTM	Fea	ature No. & Ty	ype Featur (Dian		Wa	ter Depth	Photo No	Sub/Emerger Spp. Prese		Shrubs/ Logs at Edge Present?	
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SPECIES & HABITAT	POPEEDI	TATIONS (lie	4	· of		-45 - 0 in	**				
SPECIES & HADITAL	UBSER	VALIONS (IIS	t species and	type or	obser	vation & in	dicate on 1	пар)			
										= - <del>1</del>	

CA=carcass: DP=distinctive parts: FE=feeding evidence: FY=eggs/nest: HO=house/den; OB=observed: SC=scat; SI=other sign; TK=track: VO=vocalization

Stantec Consulting Ltd. Coll. Tile II. Roadside ELC, Guelph, ON Canada N1G 4P5 Tel: (519) 836-6050 Fax: (519) 836-2493	at		
Project Number: 1609 50269 Project Name: NRVC ELC  Date: 27 June 2012 Field Personnel: A. Ducharme	2		
Weather Conditions: TEMP (°C): WIND: CLOUD: PPT: PPT (in las	t 24 hrs)		
POLYGON DESCRIPTION			
TOPOGRAPHIC FEATURE HISTORY			
POLYGON:			
STAND DESCRIPTION:			
SDECIES IN ORDER OF RECREASING DOMINANCE			
STAND DESCRIPTION:  LAYER HT CVR SPECIES IN ORDER OF DECREASING DOMINANCE (>>MUCH GREATER THAN; >GREATER THAN; = ABOUT EQUALITY.)	AL TO)		
SPECIES IN ORDER OF DECREASING DOMINANCE	AL TO)		
LAYER HT CVR SPECIES IN ORDER OF DECREASING DOMINANCE (>>MUCH GREATER THAN; >GREATER THAN; = ABOUT EQUAL TO SUB-CANOPY 3 3 FRAMER 7 ACESASAS FAGGRAN)	AL TO)		
LAYER HT CVR SPECIES IN ORDER OF DECREASING DOMINANCE (>>MUCH GREATER THAN; >GREATER THAN; = ABOUT EQUAL TO SUB-CANOPY 3 FRAMER 7 ACESASAS FAGGRAN)  3 UNDERSTOREY 45 3 FOD SLADS	AL TO)		
LAYER HT CVR SPECIES IN ORDER OF DECREASING DOMINANCE (>>MUCH GREATER THAN; >GREATER THAN; = ABOUT EQUAL TO SUB-CANOPY 3 3 FRAMER 7 ACESAS AS FAGGRAN)	<0.2m		
LAYER HT CVR SPECIES IN ORDER OF DECREASING DOMINANCE (>>MUCH GREATER THAN; >GREATER THAN; = ABOUT EQUAL  1 CANOPY  2 SUB-CANOPY 3 S FRANKER 7 ACESAS AS FAGRAN  3 UNDERSTOREY 4 SOL AND 7 AGS SS S  HT CODES: 1=>25m 2=10 <hts25m 0="NONE" 1="0%&lt;CVR&lt;10%" 2="10&lt;CVR&lt;25%" 3="25&lt;CVR&lt;60%" 4="CVR" 5="0.5&lt;HTs1m" 6="0.2&lt;HTs0.5m" 7="HT" codes:="" cvr="">60% N/O=not obse</hts25m>	<0.2m		
LAYER HT CVR SPECIES IN ORDER OF DECREASING DOMINANCE (>>MUCH GREATER THAN; >GREATER THAN; = ABOUT EQUAL TO SMUCH GREATER THAN; >GREATER THAN; = ABOUT EQUAL TO SMUCH GREATER THAN; >GREATER THAN; = ABOUT EQUAL TO SMUCH GREATER THAN; >GREATER THAN; = ABOUT EQUAL TO SMUCH GREATER THAN; >GREATER THAN; = ABOUT EQUAL THAN; >GREATER THAN; >GREATER THAN; = ABOUT EQUAL THAN; >GREATER THAN; >GREATER THAN; = ABOUT EQUAL THAN; >GREATER	<0.2m rved >50		
LAYER HT CVR SPECIES IN ORDER OF DECREASING DOMINANCE (>>MUCH GREATER THAN; >GREATER THAN; = ABOUT EQUAL TO SMUCH GREATER THAN; >GREATER THAN; = ABOUT EQUAL TO SMUCH GREATER THAN; = ABOUT EQUAL TO	<0.2m rved >50		
LAYER HT CVR SPECIES IN ORDER OF DECREASING DOMINANCE (>>MUCH GREATER THAN; >GREATER THAN; = ABOUT EQUAL TO SUB-CANOPY 3 S	<0.2m rved >50		

**Evidence of Disturbance / Notes:** 

LAYERS: 1=CANOPY >10m 2=SUB-CANOPY 3=UNDERSTOREY 4=GROUND (GRD.) LAYER ABUNDANCE CODES: N=NONE R=RARE O=OCCASIONAL A=ABUNDANT D=DOMINANT N/O=Not observed DISTANCE FROM RD. LAYER COLL. SPECIES CODE ≤5 m >5 m 1 2 3 4 TREES: FRAAMER TILAMER FAGGRAN 0  $\bigcirc$ ACESASA 0 SHRUBS: NIA FOD Shrubs GROUND: SOLCANA A NIA acasse5

Signature:		Quality Control This form is complete - 8 legible -	
(1	Field Personnel)	(Project Manager)	

*									7411011	ie Habitat Assessment i omi	
ELC Polygon: #	2 Assess	sment Type: 📭	·Visual; no	o access i	\ <u>                                     </u>	Walk throu	gh feature	)			
Extent of Physical In	vestigation	of Feature: 🔲-	·Entire / □	J-Partial, v	walk	through p	olygon <i>(in</i>	dicate on map)			
Reptile / Bat Hibe	rnacula Fe	[i.e brit Co U-	-Y* / ☑-N , c. features the dgc abutmo ontains po -Y* / ☑-N .	/ D-Unknothat would points or culve btential bat	providents voit hib	ide a route un with cracks/c pernacula fe	s (*if yes, nderground, entry points, eatures? is (*if yes,	describe in table including buried of	concrete o vices or i	or rock (e.g. foundations, inactive animal burrows)]	
POTENTIAL HIBER	RNACULA F				7						
UTM			ature Desc				Photo No	Spp. C	bserved	d Using Feature	
						-					
		•	***************************************								
							<u> </u>				
Bat Roosting Fea			□-Unknov with open	wn, no acc surround	cess	s (*if yes, de	<i>escribe in</i> icm, side-f	table below) facing cavities ~	10m hiç	gh in tree]	
POTENTIAL BAT R		<del></del>		T							
UTM	Tree ID	Tree Spp.	DBH	H Photo No. Decay C			ass (1-5)	No. of Cavities	es Height and Type of Cavit		
				1					1	***************************************	
				***************************************							
Ottole Newto			-4								
Stick Nests:			ontains iai -Y* / 🗗 N	rge stick r	nest: nowr	s'? n, no acces	ss (*if yes,	describe in tabl	le below	v)	
STICK NEST(S) IDE	NTIFIED										
UTM		Tree ID	Tree	e Spp.		Nest Size	Photo No	o. Spp. (	Observe	d Using Feature	
		Production of the Control of the Con							····		
	1										
Seeps/Springs/Ve	rnal Pool	s: Co	ontains se	eps/sprin	igs/v	vernal pools	s?	describe in tabl	le helou	A	
SEEP/SPRING/VE	RNAL POC				1011.	1, 110 00000	13 ( 11 ) 00,	describe in tabl	<u> </u>	7	
UTM		nture No. & Type	To a farmer	e Size	Wat	ter Depth	Photo No	Sub/Emerger Spp. Prese		Shrubs/ Logs at Edge Present?	
			-						<del></del>		
			-			***************************************					
										1	
SPECIES & HABITA	AT OBSERV	'ATIONS (list sp	ecies and	type of ob	oserv	vation & inc	dicate on n	nap)			
										4.3	
										,	
										1	
										17.0	
				39							

CA=carcass; DP=distinctive parts: FE=feeding evidence: FY=eggs/nest: HO=house/den; OB=observed: SC=scat; SI=other sign: TK=track: VO=vocalization

96	Stantec Consulting Ltd. 1-70 Southgate Drive Roadside ELC,										
16		Guelph, ON Canada N1G 4P5 Tel: (519) 836-6050 Assessment Form									
Stantec	Fax: (519) 836-2493 ASSESSMENT FORM										
Project Number:	1609	160950269 Project Name: NRWC ELC									
Date:	27	27 June 2012 Field Personnel: A. Ducharme									
Weather Conditions:	TEMP (°	C):	WIND: light	Den 4 Crond	PPT:	PPT (in last 24 hrs):					
POLYGON DESCRIPTION											
				TOPOGRAPHIC F	EATURE	HISTORY					
ELC	POLYGON:	1(-	13	☐ LACUSTRINE ☐ RIVERINE ☐ BOTTOMLAND	☐ TALUS ☐ CREVICE / CAVE ☐ ALVAR	©∕NATURAL □ CULTURAL					
COMMUNITY	START TIM	E: 12	:.45	TERRACE	ROCKLAND						
DESCRIPTION &	END TIME:	ID TIME: DAND DUNE									
CLASSIFICATION		10	100	ROLL. UPLAND	BLUFF						
STAND DESCRIP	TION:										
LAYER	нт	CVR			ECREASING DOMI						
1 CANOPY		-									
2 SUB-CANOP	13		FRAAME	R7FAGGG	IAC						
3 UNDERSTORE	, /	4	SOLCA	17 1 DIGE	ULL						
4 GRD. LAYER	W 17	4	SOL CAN	17 10 (NEC	MU						
HT CODES: CVR CODES:					5 <ht<1m 4="CVR" 6="0.2&lt;HT&lt;0" 60%="">60% N/</ht<1m>						
STANDING SNAGS:			<b>10</b>	M 10-24	N 25 - 50	>50					
ABUNDANCE CODES:		N	=NONE R=RARE	O=OCCASIONAL	A=ABUNDANT N/	O=Not observed					
STAND MATURITY:	PIONEER		YOUNG	MID-AGE	MATURE	OLD GROWTH					
VEGETATION TYPE	ist old	d Fie	ld Meadow	-Marsh	CODE: MAM /	CUMI-1					
COMPLEX CODE:											

**Evidence of Disturbance / Notes:** 

LAYERS: 1=CANOPY >10m 2=SUB-CANOPY 3=UNDERSTOREY 4=GROUND (GRD.) LAYER
ABUNDANCE CODES: N=NONE R=RARE 0=OCCASIONAL A=ABUNDANT D=DOMINANT N/0=Not observed

ABUNDANCE CODES: N=NONE R=RARE O=	OCCASIO	ONAL A	YER	DANT	DISTANCE	83089630	
SPECIES CODE	1	2	3	4	≤5 m	>5 m	COLL
TREES:		程度用		1115		10000000000000000000000000000000000000	6350
FRAAMER FAGGRAN	J	0	N	N	R	0	
FAGGRAN		0	20	2			
SHRUBS: Deciduous strubs	(G) Exp	0	O	7	A C	0	
GROUND:		1141.7		W. ( )			111,-0
SOL CANA DIPFULL CLASSES ABCS-1R1			A A R	DA A R	DA A R	A A R	

Signature: And	Quality Control:This form is complete G & legible G.
(Field Personnel)	(Project Manager)

Extent of Physical Inv	_	of Feature:								
Reptile / Bat Hiber	i. br	Contains potential reptile hibernacula features?  —Y* / ☐-N / ☐-Unknown, no access (*if yes, describe in table below)  [i.e. features that would provide a route underground, including buried concrete or reck (e.g. foundations, bridge abutments or culverts with cracks/entry points, exposed rock crevices or inactive animal burrows)]  Contains potential bat hibernacula features?  —Y* / ☐-N / ☐-Unknown, no access (*if yes, describe in table below)  [i.e. karst topography, abandoned mines or caves]								
POTENTIAL HIBER	NACULA F									
UTM		Fe	ature Desc	eription		Photo No. Spp. Observed Using Feature				
				***************************************	······································					
		······	······································							
Bat Roosting Feat			□-Unknow with open	wn, no acc surroundir	ess (*if yes, d		table below) facing cavities ~	10m hig	gh in tree]	
POTENTIAL BAT ROUTM	Tree ID	Tree Spp.	DENTIFIE	Photo No	Daray C	lass (1-5)	No. of Cavities	Heigh	t and Type of Cavities	
CIM	Tree ID	ттее эрр.	DBII	I HOLO INC	b. Decay C	1855 (1-3)	No. of Cavities	rieigii	tand Type of Cavities	
Stick Nests:		C	ontains la I-Y* / 📭 N	rge stick no / □-Unkno	ests? own, no acce	ss (*if yes,	describe in tabl	e belov	v)	
STICK NEST(S) IDE	NTIFIED				T	1				
UTM		Tree ID	Tree	e Spp.	Nest Size	Photo N	o. Spp. C	bserve	d Using Feature	
Seeps/Springs/Ve	rnal Pool	s: C	ontains se I-Y* / 🗗 N	eps/spring	gs/vernal poo own, no acce	ls? ss <i>(*if yes,</i>	describe in tabl	e belov	v)	
SEEP / SPRING / VE	RNAL POO									
UTM	Fea	ture No. & Typ	e Featur (Diam	1 %	Water Depth	Photo No	Sub/Emerger Spp. Prese		Shrubs/ Logs at Edg Present?	
		· · · · · · · · · · · · · · · · · · ·								
SPECIES & HABITA	T OBSERV	'ATIONS (list s	necies and	type of obs	servation & i	rdicate on r	nan)			
			proito una	t, pe or out		idicate ou i	шир)			
									2 - 4	
									<u>n</u>	
			i.							

CA=carcass: DP=distinctive parts: FE=feeding evidence; FY=eggs/nest: HO=house/den; OB=observed: SC=seat; SI=other sign; TK=track: VO=vocalization

Stantec Project Number: Date:	Tel: (519) 836-6050 Fax: (519) 836-2493	-11 pk	V Woodlar As:	nd & Wildlife sessment Fo	Habitat orm						
Weather Conditions:	TEMP (°C):	WIND:	CLOUD:	PPT:	PPT (in last 24 hrs):						
	POLYGON DESCRIPTION										
			TOPOGRAPHIC F	EATURE	HISTORY						
ELC  COMMUNITY DESCRIPTION & CLASSIFICATION	POLYGON:	15	☐ LACUSTRINE ☐ RIVERINE ☐ BOTTOMLAND ☐ TERRACE ☐ VALLEY SLOPE ☐ TABLELAND ☐ ROLL. UPLAND ☐ CLIFF	☐ TALUS ☐ CREVICE / CAVE ☐ ALVAR ☐ ROCKLAND ☐ BEACH / BAR ☐ SAND DUNE ☐ BLUFF	□ NATURAL EFCULTURAL						
STAND DESCRIP	TION:										
LAYER	HT CVR (>			ECREASING DOMI							
1 CANOPY		_	· · · · · · · · · · · · · · · · · · ·								
2 SUB-CANOP	Y — — -										
3 UNDERSTORE	1:15	MPLAT	- [								
HT CODES:		7 (455	4-4-LIT-O F-O	P - 1 177 - 4 1 177 - 4	7.5.						
CVR CODES:				5 <ht≤1m 6="0.2&lt;HT≤0&lt;br">60% 4=CVR&gt;60% N</ht≤1m>							
STANDING SNAGS	:	<10	N 10-24	N 25 - 50	<b>⋈</b> >50						
ABUNDANCE CODES:		NE R=RARE	O=OCCASIONAL	A=ABUNDANT N/	O=Not observed						
STAND MATURITY	PIONEER	OUNG	MID-AGE	MATURE	OLD GROWTH						
VEGETATION TYPE	Cattail Miner	al Shallo	w Marsh	CODE: MAS	2-1						
COM	PLEX (	uHur	a ()	CODE:							
Evidence of Dist	urbance / Notes		,								
	Private	Rond	00 pr	operty							

LAYERS: 1=CANOPY >10m 2=SUB-CANO ABUNDANCE CODES: N=NONE R=RARE 0=0	CCASIC	DNAL A	=DOMINAN1	INANT N/O=Not o			
SPECIES CODE	1	2	3	4	≤5 m	>5 m	COLL.
TREES:							
SHRUBS:		S-18-18		# 15 m		[4m] = 10 <sup>[2]</sup>	
Grass TYPLAT I		776-13	R D	D R		50.00	

(Field Personnel) (P<del>roject</del>-Manager)

Signature:

Quality Control This form is complete 9-8 legible 9-

									7 (11/211)	ie Habitat Assessment Form		
ELC Polygon: #	_/	sment Type: ©										
Reptile / Bat Hiber		eatures: C	Contains por -Y* / = N / i.e. features the ridge abutine Contains por -Y* / = N /	ntential rep / □-Unkn hat would p ents or culvents or culvential ba / □-Unkn	ptile nown provi verts verts at hib	hibernacular, no accesside a route un with cracks/coernacula fen, no access	a features s (*if yes, orderground, entry points, eatures? s (*if yes, or	? describe in table including buried o	concrete of its	or rock (e.g. foundations, nactive animal burrows)]		
PACCEDES NAME A REPORT OF THE	ATA STRUK A MI	[i	i.e. karst topo	graphy, ab	xurdo	oned mines or	r caves					
POTENTIAL HIBER! UTM	NACULA F		Teature Desc				Photo No	Snn C	hearved	l Using Feature		
0.1.1.2			Catule Desc	Tiption			I HOLO 110	· opp. o	/DSCI TCG	Using Peature		
							<u> </u>					
Bat Roosting Feat			/ □-Unknow s with open	wn, no acc surround	cess	s (*if yes, de	<i>escribe in</i> cm, side-f	<i>table below)</i> acing cavitles ~	10m hiç	gh in tree]		
UTM	Tree ID	Tree Spp.		Photo N	No.	Decay Cla	ass (1-5)	No. of Cavities	No. of Cavities   Height and Type of Ca			
								William Laboratoria Company				
	<u> </u>			<u> </u>								
Stick Nests:		(	Contains lar □-Y* / ⊡-Ñ	ge stick r / □-Unkr	nest nowi	s? n, no acces	s (*if yes,	describe in tabl	le below	/)		
STICK NEST(S) IDEN	NTIFIED											
UTM		Tree ID	Tree	e Spp.		Nest Size	Photo No	). Spp. (	Observe	d Using Feature		
									<del>/</del>			
Seeps/Springs/Ver	rnal Pools	<b>3:</b> (	Contains se □-Y* / ⊡-N	æps/sprin / □-Unkr	ngs/v nowi	/ernal pools n, no acces	s? ss (*if yes,	describe in tabl	e below	<i>(</i> )		
SEEP/SPRING/VEH	RNAL POO											
UTM	Fear	ture No. & Typ	pe Feature (Diame		Wat	ter Depth	Photo No.	Sub/Emerger Spp. Prese		Shrubs/ Logs at Edge Present?		
		······································										
							<u> </u>					
SPECIES & HABITA	Γ OBSERV	ATIONS (list	species and	type of ob	bser	vation & inc	dicate on n	1ар)				
										*. *		
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										7.1		
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CA=carcass: DP=distinctive parts: FE=feeding evidence: FY=eggs/nest: HO=house/den; OB=observed: SC=scat; SI=other sign: TK=track: VO=vocalization

8		tantec Con: – 70 Souths suelph, ON anada N10 el: (519) 836 ax: (519) 83	gale Dnv 3 4P5 5-6050	Poly 11.	le 114 12 - ISWoodlai Ass		C, Habitat orm			
	Project Number:	1609	10	269	Project Name:	NRWC F	=LC			
	Date:	27	Sur	e 2012	Field Personnel:	A. Duch	arne			
Wea	ather Conditions:	TEMP (%	C):	WIND: LIGHT	choup:	light rain	PPT (in last 24 hrs):			
	POLYGON DESCRIPTION									
					TOPOGRAPHIC F	EATURE	HISTORY			
DE	ELC ST	OLYGON: FART TIMI ND TIME:	-   -   3   4	.20	☐ LACUSTRINE ☐ RIVERINE ☐ BOTTOMLAND ☐ TERRACE ☐ VALLEY SLOPE ☐ TABLELAND ☐ ROLL, UPLAND ☐ CLIFF	☐ TALUS ☐ CREVICE / CAVE ☐ ALVAR ☐ ROCKLAND ☐ BEACH / BAR ☐ SAND DUNE ☐ BLUFF	E-MATURAL  □ CULTURAL			
STA	AND DESCRIPT	ON:								
	LAYER	НТ	CVR			ECREASING DOMI ATER THAN; = AB				
1	CANOPY	7	2	FAGGRA	N>JUGN	GR=ACFS	SASA			
2	SUB-CANOPY	3-4	3	LONTAR	T> JUG	NIGR > FAI	SGRAN			
3	UNDERSTOREY	5-6	4	GRASS SP	WUTIVC.	SOLCANA	1>DIPFUL			
4	GRD. LAYER	7-8	4	GRASS SP	-> SULCAN	A >DIPFULL	-			
	CODES:			IT≤25m <b>3=</b> 2 <ht≤10< th=""><th></th><th>5<ht≤1m <b="">6=0.2<ht≤< th=""><th></th></ht≤<></ht≤1m></th></ht≤10<>		5 <ht≤1m <b="">6=0.2<ht≤< th=""><th></th></ht≤<></ht≤1m>				
CVF	R CODES:	0=NONE	1=0%<	:CVR≤10% 2=10 <c\< th=""><th>/R≤25% 3=25<cvr≤< th=""><th>60% 4=CVR&gt;60% N</th><th>O=not observed</th></cvr≤<></th></c\<>	/R≤25% 3=25 <cvr≤< th=""><th>60% 4=CVR&gt;60% N</th><th>O=not observed</th></cvr≤<>	60% 4=CVR>60% N	O=not observed			

<10

N=NONE R=RARE

YOUNG

VEGETATION TYPE: Mineral Cultural Thicket/Decid. Hedgerow

10 -- 24

O=OCCASIONAL

MID-AGE

25 - 50

CODE: HOD/CUT

A=ABUNDANT

MATURE

CODE:

1

N/O=Not observed

>50

OLD GROWTH

**Evidence of Disturbance / Notes:** 

COMPLEX

STAND MATURITY: PIONEER

STANDING SNAGS:

ABUNDANCE CODES:

LAYERS: 1=CANOPY >10m 2=SUB-CANOPY 3=UNDERSTOREY 4=GROUND (GRD.) LAYER

ARI INDIANCE CODES: N=NONE R=RARE 0=OCCASIONAL A=ABUNDANT D=DOMINANT N/O=Not observed

ABUNDANCE CODES: N=NONE R=RARE O=	-OCCASI	LA	YER	DANT	DISTANC	COLL	
SPECIES CODE	1	2	3	4	≤5 m	>5 m	COLL
TREES:		400	ALC: N	250			1000
SUBNIGR ACESASA FAGGRAN FRAAMER	B	A	R	N	0	NIA	<u> </u>
ACESASA	0	0	R	V	Ŏ		
FAGGRAN	A	0	K	N	A		
FRAPMER	0	0	R	IN	0		
TILAMER	R	R	R	1 V	P	1 1	
QUEMACR	10	0	R	17	0	<del>  \                                   </del>	
CAKOVAT	R	0	K	1/	K	1 0	
SHRUBS:		eta de	技術是	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	EXMER.	0.1	flas
LONTART	12	P	Ŏ	22	A	NIA	-
RHUTTPH	7	$\frac{1}{2}$	0	12	0	1	ļ
CORPACE	N	0	0	12	0	I-W	
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	1			-	<del> </del>		
				1			
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GROUND:	M = 1485524	e main	\$ 20° 0.0	Legolutu	I HATELEY EURO	(SEE HELE	1 2 2
VITUIN	27/22/27/28	-9.500	A	0	A	NA	2017
OLASS D.	_	_		D	D	10/20	1
DIPFULC		_	8	0	0		
SOLCANA	_	_	()	A	0	11/	
Joseph My J						-	
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				<u> </u>			ļ
			<u></u>	<u></u>	<u> </u>		<u> </u>

Signature: An	Quality Control:This form is complete 🗗 & legible 🕀
(Field Personnel)	(Project Manager)

ELC Polygon: #     -	Assess	ment Type: E	<b>3</b> -Visual; no	o acces	is / 🗅	-Walk throu	gh featur	е				
Extent of Physical Inv	estigation (	of Feature:	<b>3</b> -Entire / □	I-Partia	ıl, wall	k through p	olygon <i>(ir</i>	ndicate on map)				
Reptile / Bat Hiber	լ ն C C (i	Contains potential reptile hibernacula features?  —Y* / ☐-N / ☐-Unknown, no access (*if yes, describe in table below)  [i.e. features that would provide a route underground, including buried concrete or rock (e.g. foundations, bridge abutments or culverts with eracks/entry points, exposed rock crevices or inactive animal burrows)]  Contains potential bat hibernacula features?  —Y* / ☐-Unknown, no access (*if yes, describe in table below)  [i.e. karst topography, abandoned mines or caves]										
POTENTIAL HIBERN	NACULA F						' == · · ·					
UTM		<u> </u>	eature Desc	ription			Photo No	No. Spp. Observed Using Feature				
			<del></del>			***************************************	1					
									***************************************			
Bat Roosting Feat		[i.e. tall trees	/ <b>□-Unknov</b> s with open	wn, no a surroui	acces	s (*if yes, d	escribe in	n table below) facing cavities	-10m his	gh in tree]		
POTENTIAL BAT RO	Tree ID	Tree Spp.		Photo	No.	Decay Cla	000 (1,5)	No. of Cavities	Haigh	t and Type of Cavities		
UALITA	HELD	ттее орр.	Don	HULU	) 140.	Decay Ca	188 (1-5) No. 01 Cavit		Heigh	tanu Type of Cavines		
Stick Nests:		(	Contains lar	rae stic	k nes	ts?						
			J-Y*/ Ø-Ñ	/□-Ur	ıknow	n, no acces	ss (*if yes	, describe in tab	le belov	v)		
STICK NEST(S) IDEN						T	1					
UTM		Tree ID	Tree	e Spp.		Nest Size	Photo N	lo. Spp.	Observe	d Using Feature		
							The same of the sa					
			***************************************			<u> </u>						
Seeps/Springs/Ver	rnal Pools	<b>3</b> : (	Contains se	eps/sp	rings/	vernal pool	5?	, describe in tab	la belou			
SEEP/SPRING/VEF	RNAL POO				KIIOW	11, 110 0000	15 ( 11 you,	Gestine in tab	le neion	")		
UTM		ture No. & Typ	1 5	e Size	Wa	ter Depth	Photo No	o. Sub/Emerge Spp. Pres		Shrubs/ Logs at Edge Present?		
		***************************************			ļ		-			*		
					<del> </del>	·····						
CONTINUE OF THE DISTAN										1		
SPECIES & HABITA	L OBSEKA	ATIONS (list s	species and	type of	obser	vation & inc	dicate on	map)				
										7		
										1 4.		
										14 (1970) 11 200 - 1		
:										,		
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CA=carcass: DP=distinctive parts: FE=feeding evidence; FY=eggs/nest: HO=house/den; OB=observed: SC=scat; SI=other sign; TK=track: VO=vocalization

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NRWC roadside ELC Figures 7-12

(no ELC rards for this map.

6		A			
	Canada N1G 4P5 Tel: (519) 836-6050	Poly 1	Woodla	Roadside EL nd & Wildlife sessment Fo	e Habitat
Stantec	Fax: (519) 836-2493	(A P	7 42	sessingiit Li	orm
Project Number:	16095026	9	Project Name	NRWC	
Date:	Aug 15	,	Field Personnel	y - 1	
				· NC 1/TO	
eather Conditions:	TEMP (°C):	WIND: 3 - 4	CLOUD:	PPT:	PPT (in last 24 hrs):
			POLYGON DES	CRIPTION	
	201 1/2 211		TOPOGRAPHIC I	EATURE	HISTORY
ELC	POLYGON: 12		LACUSTRINE RIVERINE BOTTOMLAND	☐ TALUS ☐ CREVICE / CAVE ☐ ALVAR	□ NATURAL □ CULTURAL
COMMUNITY	START TIME:		☐ TERRACE	ROCKLAND	LI GOLFOTOLE
ESCRIPTION &	END TIME:		☐ VALLEY SLOPE ☐ TABLELAND	☐ BEACH / BAR ☐ SAND DUNE	
LASSIFICATION		.•	ROLL UPLAND	C BLUFF	
AND DESCRIP	TION:				<u> </u>
LAYER	HT CVR	SPECI	ES IN ORDER OF I	ECREASING DOM	INANCE
CANOPY		(>>MUCH GREA	ATER THAN; >GRE	ATER THAN; = AB	OUT EQUAL TO)
SUB-CANOPY	,				
UNDERSTORE	Y				
GRD. LAYER	5-7 4	FURRS >>	GRAS5		
CODES: R CODES:	1=>25m 2=10<+ 0=NONE 1=0%	+T≤25m 3=2 <ht≤10< th=""><th>m 4=1<ht≤2m 5="0.&lt;/th"><th>5<ht≤1m 6="0,2&lt;HT≤0&lt;/th"><th>0.5m 7=HT&lt;0.2m</th></ht≤1m></th></ht≤2m></th></ht≤10<>	m 4=1 <ht≤2m 5="0.&lt;/th"><th>5<ht≤1m 6="0,2&lt;HT≤0&lt;/th"><th>0.5m 7=HT&lt;0.2m</th></ht≤1m></th></ht≤2m>	5 <ht≤1m 6="0,2&lt;HT≤0&lt;/th"><th>0.5m 7=HT&lt;0.2m</th></ht≤1m>	0.5m 7=HT<0.2m
ANDING SNAGS:	N/D	<10	10 – 24	25 ~ 50	>50
JNDANCE CODES:	N	I=NONE R=RARE	O=OCCASIONAL		0=Not observed
AND MATURITY:	PIONEER	YOUNG	MID-AGE	MATURE	OLD GROWTH
GETATION TYPE			4	CODE: ,	Joes divolin
	$\overline{}$			FAL/CU	M
COME	PLEX			CODE:	
idence of Dietu	rbance / Notes:				
idence of Dista	ibance / Notes.	5 Forb	fallow f	ield/cu	M (IA)
		10.	Gras(>For	-h.c	
					t
			. No marsh	visible 1	out
			th. 0.1.2 is	a slight	- dopression
			with Pl		- 1
			m. 10. 11	A A H. A. A.	

LAYERS: 1=CANOPY >10m 2=SUB-0 ABUNDANCE CODES: N=NONE R=RARI SPECIES CODE	And Wall	LA	YER	S. Free	DISTANCE	FROM RD.	9.50
	4 H	2	3	4	≤5 m	>5 m	COLL
TREES:			-		- 0		
SHRUB <b>S</b> :							
		1					
ROUND:		100					
DAUCARO				A			
LOT CORN				$\overline{}$			
CICINTY				6			
TKIREPE				2			-
GRASCSP				Ó			
GURARTE				0			
RCMINU							
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<del></del>						- 1	

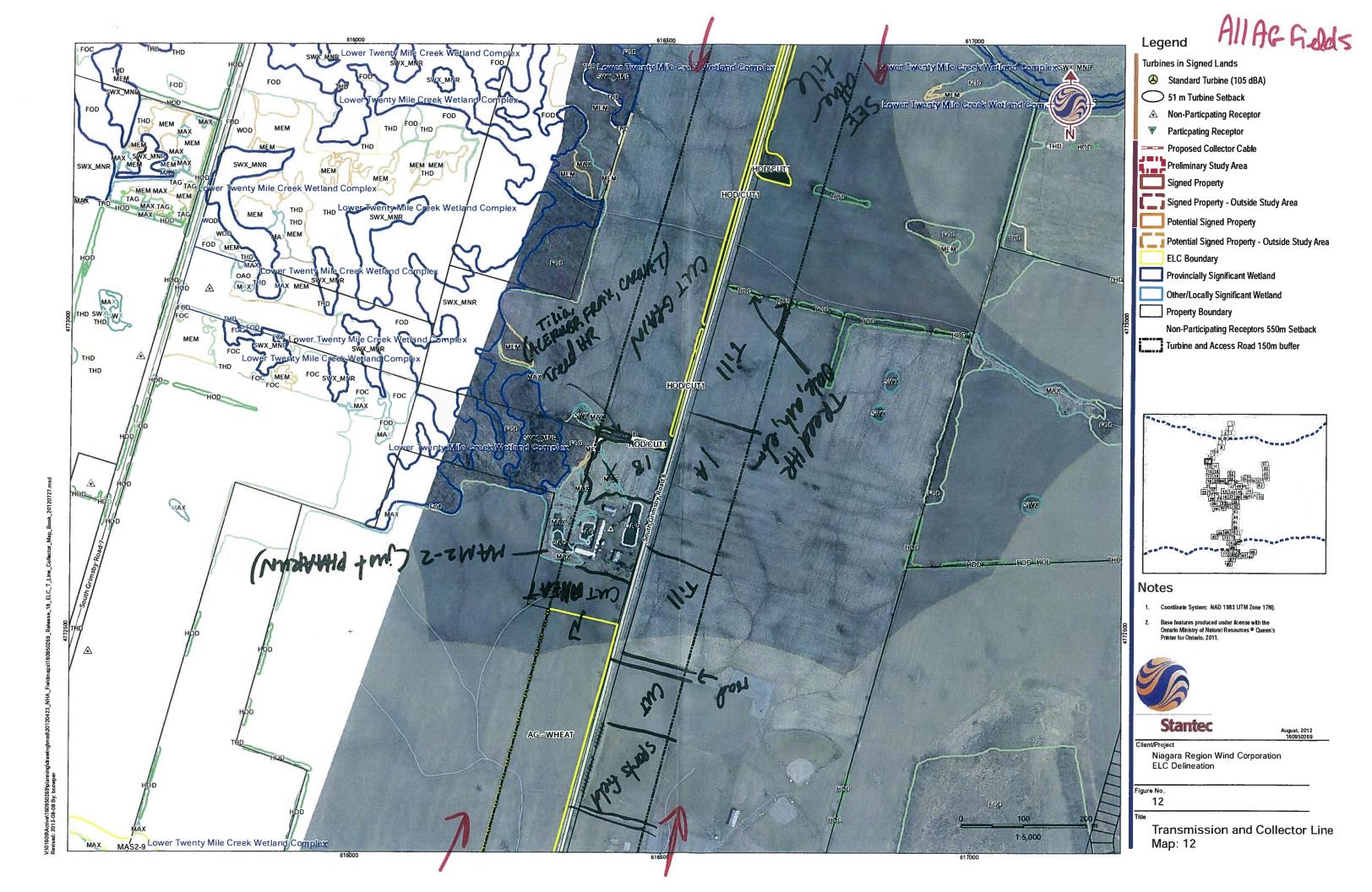
LAYERS: 1=CANOPY >10m

Signature:

Quality Control: This form is complete 2. legible 2.

(Project Manager)

ELC Polygon: # 12 -	-'									
Extent of Physical Inv	estigation	of Feature:	-Entire / C	I-Partia	ıl, wal	k through p	olygon (ind	licate on map)		
Reptile / Bat Hiber	nacula F	[i. br C	-Y* / ⊡-N e. features t idge abutmo ontains po -Y* / ⊡-N	/ 🗗-Un hat would ents or contential   / 🔲-Un	know d prov ulverts bat hi know	ride a route un with cracks/o bernacula f	ss (*if yes, onderground, inderground, interpretation of the control of the contr	describe in table including buried of	oncrete vices or	or rock (e.g. foundations, inactive animal burrows)]
POTENTIAL HIBER	NACULA	FEATURE(S) II	ENTIFIE	D						
UTM	***	Fe	ature Des	cription			Photo No.	Spp. C	bserve	d Using Feature
		***************************************								
Bat Roosting Feat			□-Unknov with open	wn, no a surroui	acces	s (*if yes, d	<i>lescribe in t</i> icm, side-fa	able below)	10m hi	gh in tree]
POTENTIAL BAT RO			1	1		1				
UTM	Tree ID	Tree Spp.	DBH	Photo	No.	Decay Cla	ass (1-5)	No. of Cavities	Heigh	t and Type of Cavities
				<u> </u>						
Stick Nests:		C	ontains Jai -Y* / 囗-N	rge sticl / ロ-Un	k nest know	ts? n, no acces	ss (*if yes, o	describe in tabl	e belov	v)
STICK NEST(S) IDEN	TIFIED	, TD								
UTM		Tree ID	Tree	Spp.		Nest Size	Photo No. Spp. Observed Using Feature			d Using Feature
	-									
Seeps/Springs/Ver	nal Pool	s: C	ontains se -Y* / ロ-N	eps/spr / 🗹-Un	rings/ know	vernal pools n, no acces	s? is (*if yes, c	lescribe in table	e belov	v)
SEEP / SPRING / VER	NAL POC	L FEATURE(S		1						
UTM	Fea	ture No. & Type	Feature   (Diam	1	Wa	ter Depth	Photo No.	Sub/Emergen Spp. Prese		Shrubs/ Logs at Edge Present?
						·/////////////////////////////////////				
SPECIES & HABITAT	OBSERV	ATIONS (list s	ecies and	type of	obser	vation & inc	dicate on m	ap)		
								18		
										W 8 2 I
										285 18 10
										gr N a





## Stantec Consulting Ltd. 1-70 Southgate Drive Guelph, ON Canada NIG 4P5 Rough 13-1 Woodland & Wildlife Habitat

	Tel: (519) 83			A a.	0000mart F		
Stantec	Fax: (519) 8	36-2493	•	AS:	sessment F	orm	
Project Number:	6099	502	69	Project Name: NR 12 ELC			
Date:	993	ME	2012		A. Duch		
Weather Conditions:	25	°C):::	WIND:	Cloudy	PPT:	PPT (in last 24 hrs):	
			0	POLYGON DES	CRIPTION		
				TOPOGRAPHIC F	EATURE	HISTORY	
ELC	POLYGON: START TIM	13	<u>-  </u>	☐ LACUSTRINE ☐ RIVERINE ☐ BOTTOMLAND ☐ TERRACE	☐ TALUS ☐ CREVICE / CAVI ☐ ALVAR ☐ ROCKLAND	E CULTURAL	
COMMUNITY DESCRIPTION & CLASSIFICATION	END TIME:		5:06		□ BEACH / BAR □ SAND DUNE □ BLUFF		
STAND DESCRIP	TION:						
LAYER	нт	CVR	SPEC (>>MUCH GRE	IES IN ORDER OF D ATER THAN; >GRE	ECREASING DO	MINANCE BOUT FOUAL TO	
1 CANOPY		-				DOOT ENOAE TO	
2 SUB-CANOP							
3 UNDERSTORE	1 /	Lee	GRASS 1	O. > BARY	UL6 > SO	LCANA	
4 GRD. LAYER	10 1	3	GRASS :	SOLCAN	A & oth	_	
HT CODES: CVR CODES:	1=>25m 0=NONE	2=10<  1=0%	HT≤25m <b>3=</b> 2 <ht≤1 <c<b>VR≤10% <b>2=</b>10&lt;</c<b></ht≤1 	0m 4=1 <ht≤2m 5="0.&lt;br">CVR≤25% 3=25<cvr≤< td=""><td>5<ht≤1m <b="">6=0,2<ht 60<b>% 4=</b>CVR&gt;60% I</ht </ht≤1m></td><td>≤0.5m 7≈HT&lt;0.2m N/O=not observed</td></cvr≤<></ht≤2m>	5 <ht≤1m <b="">6=0,2<ht 60<b>% 4=</b>CVR&gt;60% I</ht </ht≤1m>	≤0.5m 7≈HT<0.2m N/O=not observed	
STANDING SNAGS:			R <10	R 10-24	25 – 50	>50	
ABUNDANCE CODES:		٨	=NONE R=RARI	O=OCCASIONAL	A=ABUNDANT N	I/O=Not observed	
STAND MATURITY:	PIONEER		YOUNG	MID-AGE	MATURE	OLD GROWTH	
EGETATION TYPE	Forb	Min	eral Mars	h .	CODE: MAS	2-9	
СОМІ	PLEX				CODE:		

Evidence of Disturbance / Notes:

- fregs present in wet oned under bridge - many bied's present.

SPECIES CODE	<b>对在其时</b> 特	S. L	AYER		DISTANC	100	
	2713	-2	3	4	≤5 m	>5 m	COLL.
TREES:							
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HRUBS:	<del>                                     </del>	<del>                                     </del>	1 = .	1.	<del> </del>		
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201110							
ROUND:				.11 11			-
GRASS Sp.	-	_	LV	D	D	D	
ALI PLAN			N	0	0	0	
SOL CANA			0	೦	0	0	
DIRFLALL			0	0	A	0	
VICCRAC		_	17	0	0	0	
SIMLANC		_	N	Ô	Ö	0	
THE ARUE		7	N	0	Ö	0	
BARVULG			A	R	A	0.0	24
AMBARTE	-		N	0		Ô	
			-			$\sim$ $\parallel$	

3=UNDERSTOREY

4=GROUND (GRD.) LAYER

LAYERS: 1=CANOPY >10m 2=SUB-CANOPY

Signature:		Guality Control: This fo	rm is complete @ 8 Tegible @.
(Field Pe	ersonnel)	The state of the s	(Project Manager)

ELC Polygon: # 3 - | Assessment Type: 🗗 Visual; no access / 🗆 - Walk through feature

Reptile / Bat Hibernacula Features: Contains potential reptile hibernacula features?

□-Y\* / □-N / □-Unknown, no access (\*if yes, describe in table below)

[i.e. features that would provide a route underground, including buried concrete or rock (e.g. foundations, bridge abutments or culverts with cracks/entry points, exposed rock crevices or inactive animal burrows)]

Contains potential bat hibernacula features?

□-Y\* / □-N / □-Unknown, no access (\*if yes, describe in table below)

[i.e. karst topography, abandoned mines or caves]

POTENTIAL HIBERNACULA	FEATURE(S) IDENTIFIED		
UTM	Feature Description	Photo No.	Spp. Observed Using Feature

**Bat Roosting Features:** 

Contains potential bat roosting features?

□-Y\* / □-N / □-Unknown, no access (\*if yes, describe in table below)

[i.e. tall trees with open surroundings, DBH >25cm, side-facing cavities ~10m high in tree]

POTENTIAL BAT	ROOSTING FI	EATURE(S) ID	ENTIFIE	D			
UTM	Tree ID	Tree Spp.	DBH	Photo No.	Decay Class (1-5)	No. of Cavities	Height and Type of Cavities

Stick Nests:

Contains large stick nests?

□-Y\* / □-N / □-Unknown, no access (\*if yes, describe in table below)

STICK NEST(S) IDENTI	FIED				
UTM	Tree ID	Tree Spp.	Nest Size	Photo No.	Spp. Observed Using Feature
de de la companya de					
					HINDER CONTRACTOR OF THE STATE

Seeps/Springs/Vernal Pools:

Contains seeps/springs/vernal pools?

□-Y\* / □-N / □-Unknown, no access (\*if yes, describe in table below)

SEEP / SPRING / VERI	NAL POOL FEATURE(S)	IDENTIFIED				
UTM	Feature No. & Type	Feature Size (Diameter)	Water Depth	Photo No.	Sub/Emergent Veg. Spp. Present?	Shrubs/ Logs at Edge Present?

SPECIES & HABITAT OBSERVATIONS (list species and type of observation & indicate on map)
-large vordele calvert for creek to pass under road.
-frogs present  - creek not flowing dwing site visit - swampy  - tall dead troop also in vicinity - no hollows seen to the
- tall dead took also in which y - no hollows seen to yh

CA=carcass: DP=distinctive parts: FE=feeding evidence; FY=eggs/nest: HO=house/den; OB=observed: SC=scat; SI=other sign; TK=track: VO=vocalization

Stantec	Stantec Co 1 – 70 Sou Guelph, Ol Canada N Tel: (519) 6 Fax: (519)	N 1G 4P5 336-6050	LW.COIL. T	2 Woodla	Roadside EL nd & Wildlife sessment Fo	Habitat
Project Number:	1600	502	69	Project Name:	NRIDC E	_C
Date:	27	317-0	2612	Field Personnel:		rne.
Weather Conditions:	TEMP	(°C):	WIND:	CLOUD:	PPT:	PPT (in last 24'hrs):
			J	POLYGON DES		
				TOPOGRAPHIC F	EATURE	HISTORY
COMMUNITY	POLYGON	1 (S	5-30 6:00	☐ LACUSTRINE ☐ RIVERINE ☐ BOTTOMLAND ☐ TERRACE ☐ VALLEY SLOPE ☐ PALLE UPLAND ☐ ROLL. UPLAND ☐ CLIFF	☐ TALUS ☐ CREVICE / CAVE ☐ ALVAR ☐ ROCKLAND ☐ BEACH / BAR ☐ SAND DUNE ☐ BLUFF	EMATURAL EMCULTURAL
STAND DESCRIP	TION:					
LAYER	нт	CVR	SPECIE (>>MUCH GREA	ES IN ORDER OF D ATER THAN; >GRE	ECREASING DOMI ATER THAN; = ABO	NANCE OUT EQUAL TO)
4 CANODY	- 0	1 \	1,000	_		

CANOPY SUB-CANOPY UNDERSTOREY GRD. LAYER 7 SOL (ANA HT CODES: 1=>25m 2=10<HT≤25m 3=2<HT≤10m 4=1<HT≤2m 5=0.5<HT≤1m 6=0.2<HT≤0.5m 7=HT<0.2m 0=NONE 1=0%<CVR<10% 2=10<CVR<25% 3=25<CVR<60% 4=CVR>60% N/O=not observed **CVR CODES:** STANDING SNAGS: <10 10 - 24 25 - 50ABUNDANCE CODES: N=NONE R=RARE O=OCCASIONAL A=ABUNDANT N/O=Not observed STAND MATURITY: PIONEER MID-AGE YOUNG MATURE OLD GROWTH VEGETATION TYPE: Dry-Moist Old Field Meadow CODE: CUM

CODE:

**Evidence of Disturbance / Notes:** 

COMPLEX

ABUNDANCE CODES: N=NONE R=RARE O=(  SPECIES CODE	LAYER				DISTANC	E FROM RD.	1400 UN
	3518	2	3	- 4	≤5 m	>5 m	COLL.
TREES:							
FOR thees (and identity)	0	-	- FE-		1	0	
SHRUBS:							
CORRACE	N	ß	R.	N	0	0	
ROUND:		ž ž		ni n			
GRASS S.P. ASCS-1RI	412		R	D R	0	Ä	
SOLLAGIA	-66		0	0	A	00	
AMBARTE			7	R	0	R	

Signature:	Signature:
(Field Personnel)	(Project Manager)

Reptile / Bat Hi	ibernacu	la Features:	□-Y [i.e. f bridg Cont □-Y	* / 22-N . features the abutme tains po * / 22-N .	/ □-Un hat wou ints or ci tential / □-Un	knowid provulverts bat hil	ide a route u with cracks/o ernacula f	is (*if yes, inderground, entry points, eatures? is (*if yes,	describe in table including buried of	oncrete vices or	or rock (e.g. foundations, inactive animal burrows)]	
POTENTIAL HIE	BERNACU	LA FEATURE(S)										
UTM			Feat	ure Desc	ription	1		Photo No	. Spp. C	bserve	d Using Feature	
Bat Roosting F		□-Y* / ⊡-N [i.e. tall tree	l / 🔲- es wit	-Unknov th open	vn, no a surrou	acces	s (*if yes, d	escribe in icm, side-f	<i>table below)</i> acing cavitles ~	10m hig	gh in tree]	
POTENTIAL BAT				T						T		
UTM	Tree	e ID Tree Sp	р.	DBH	Photo	No.	Decay Cla	ass (1-5)	No. of Cavities	Heigh	t and Type of Cavities	
										<u> </u>		
Stick Nests:			Con	tains lar	ge stic	k nest	s?	o (*if uoo	describe in tabl	a halay		
STICK NEST(S) I	DENTIFII	ED		/ L3-14	/ ==-01	INIOW	II, IIO acces	ss ( 11 yes,	describe in tabl	e belov	v)	
UTM		Tree ID		Tree	Spp.		Nest Size	Photo No. Spp. Observed Using Feature				
								· ·				
Seeps/Springs/	Vernal P	ools:	Con	tains se	eps/sp	rings/	vernal pools	s?	describe in tabl	e helov	v)	
SEEP / SPRING /	VERNAL	POOL FEATURE					11, 110 40000	13 ( 11 y C S,	describe in tabl	e belovi	"	
UTM		Feature No. & Ty	ype	Feature (Diame		Wa	ter Depth	Photo No	Sub/Emerger Spp. Prese		Shrubs/ Logs at Edge Present?	
							······································			······································		
								<u> </u>				
				<u></u>								
SPECIES & HABI	TAT OBS	ERVATIONS (list	t spec	ies and	type of	obser	vation & in	dicate on n	іар)			
Some	doad	Cavitics	(-0	φů.	\	4.1-0	e 5	DB	+ >30	Con		
	-n0	cavitics	V	isibl	l L	di	Hiral	1 10	see the	-,		
	•				1	<u></u>	11 (			g'	· ·	
											i.k	
CA-wayana NO-e	Security of the second	or GReeker Harris and La	****** *	7.V		`\L	(1 (ND	da	·		track: VO=vocalization	
Castrodicass, L/F r (US)	imetive pare	s. i is—recoming evide	nce, f	rcggs/	nest H	1:OUS	erden, OB"C	odskirkai St	—scar, 51=0mer s	ign; I K	-track; vO=vocalization	

ELC Polygon: #\Z\_2 Assessment Type: □=Visual; no access / □-Walk through feature

96
and and

Stantec Consulting Ltd. 1 – 70 Southgate Drive Guejph, ON Canada N1G 4P5 Tel: (519) 836-6050 Fax: (519) 836-2493

# Roadside ELC, Poly B-3woodland & Wildlife Habitat Assessment Form

Cut	
- Nr⊃	mrou

Project Number:	160950	269	Project Name	e: NRUC	ELC
Date:	27 341	0 2012	Field Personne	H. A. Duch	arme
Weather Conditions:	TEMP (°C):	WIND:	CLOUD:	PPT:	PPT (in last 24 hrs);
		1.07			[15] - [13] *****

### **POLYGON DESCRIPTION**

		TOPOGRAPHIC F	EATURE	HISTORY
ELC  COMMUNITY DESCRIPTION &		☐ BOTTOMLAND ☐ TERRACE ☐ YALLEY SLOPE	☐ TALUS ☐ CREVICE / CAVE	ENATURAL ECULTURAL
CLASSIFICATION	16:15		□ BLUFF	

### STAND DESCRIPTION:

L	LAYER	нт	CVR	(>>MUC	SPECIES I	N ORDER OF R THAN; >GR	DEC	REASING DO	MINA	NCE
1	CANOPY	2.3	2	FAGG						= 5u GN16R
2	SUB-CANOPY	4	3	FA66	CAN =	ACCSAS	Δ	>0000		- JUI ISMICK
3	UNDERSTOREY	5-6	4	SOLO	PINA	PILAN	00	7	2(=7-)	1.7
4	GRD. LAYER	7-8	4	Solc	ANA	DIPFUL	(	> 01-01	RU	<u></u>
					2 <ht≤10m 4<="" th=""><th>l=1<ht≤2m 5="0&lt;/th"><th>).5<h1< th=""><th>≤1m 6=0.2<h< th=""><th>r≤0.5m</th><th>7=HT&lt;0.2m</th></h<></th></h1<></th></ht≤2m></th></ht≤10m>	l=1 <ht≤2m 5="0&lt;/th"><th>).5<h1< th=""><th>≤1m 6=0.2<h< th=""><th>r≤0.5m</th><th>7=HT&lt;0.2m</th></h<></th></h1<></th></ht≤2m>	).5 <h1< th=""><th>≤1m 6=0.2<h< th=""><th>r≤0.5m</th><th>7=HT&lt;0.2m</th></h<></th></h1<>	≤1m 6=0.2 <h< th=""><th>r≤0.5m</th><th>7=HT&lt;0.2m</th></h<>	r≤0.5m	7=HT<0.2m
		0=NONE	1=0%<	CVR≤10%	2=10 <cvr≤< th=""><th>25% 3=25<cvr< th=""><th>≤60%</th><th>4=CVR&gt;60%</th><th>N/O=n</th><th>ot observed</th></cvr<></th></cvr≤<>	25% 3=25 <cvr< th=""><th>≤60%</th><th>4=CVR&gt;60%</th><th>N/O=n</th><th>ot observed</th></cvr<>	≤60%	4=CVR>60%	N/O=n	ot observed
ST	ANDING SNAGS:			R <	10	10 – 24	L)	25 – 50	N	>50
	INDANCE CODES:		N:	=NONE I	R=RARE C	=OCCASIONAL	-A=	ABUNDANT	N/O=N	ot observed
STA	AND MATURITY:	PIONEER		YOUNG		MID-AGE	レ	MAJURE		OLD GROWTH
De	Cid-Minual Co	alter	ral.	Saunh	nah H	dooral	COL	DE: LIOD	/ Cı	1513
	COMPLE	X				<u> </u>	COL	E:		

Evidence of Disturbance / Notes:

ABUNDANCE CODES: N=NONE R=RAR  SPECIES CODE		LA	YER	FIRES	DISTANC	DISTANCE FROM RD.		
	18 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2	3	4	≤5 m	>5 m	COLL	
TREES:			1.15		10.000.000.000.00	A CONTRACTOR	V., A. 15.	
ACESASA	A	Δ	P	12	A	N/0	-	
EPAAMTIP.	0	0	P	M	0	1470	SS	
FAGGRAN	A	A	12	1	Ă		22	
JUGNIER		0		-			<del>                                     </del>	
FACEPAIL TUGNIER BETPAPI	Q R	N	_		2	- W		
HRUBS:								
CORRACE		0	_		0	NO		
ROUND:								
SOLCANA			DO	D	D	N/0		
PHAARUN		_	<u> </u>	0	O A			
					- 1			
		I						

Signature:	Quality Control:This form is complete 3 & legible 3.  Signature:
(Field Personnel)	(Project Manager)

										Wild	life Habitat Assessment Forr
ELC Polygon: # 3	-3 Ass	sessment Ty	ре: 🖼	∵Visual; no	o acce:	ss / 🗆	-Walk throu	igh feature	iE.		
Extent of Physical In	 vestigat	ion of Featu	re: 🔲-	Entire / 🗆	<b>]</b> -Partia	al, wal	k through p	oolygon <i>(in</i>	dicate on map)		
Reptile / Bat Hibe	[i.e	Contains potential reptile hibernacula features?  -Y*/-N/-Unknown, no access (*if yes, describe in table below)  [i.e. features that would provide a route underground, including buried concrete or rock (e.g. foundation bridge abutments or culverts with cracks/entry points, exposed rock crevices or inactive animal burrows  Contains potential bat hibernacula features?  -Y*/-N/-U-Nhown, no access (*if yes, describe in table below)  [i.e. karst topography, abandoned mines or caves]									
POTENTIAL HIBER	NACUL	A FEATURI						!== . ==			
UTM			res	ature Desc	cription	1		Photo No	Spp. C	bserve	d Using Feature
Bat Roosting Feat		□-Y* / ( [i.e. tall	<b>2-N / ℂ</b> trees v	vith open	vn, no surrou	acces	s (*if yes, d	lescribe in icm, side-f	table below) acing cavities ~	10m hi	gh in tree]
UTM	Tree		<u>ь(S) ш</u> Spp.	·			Decay Cl	ass (1-5)	No. of Cavities	Heigh	t and Type of Cavities
	1.00		SPP.	- Date	1 1100	0110.	Decay C.	433 (1-2)	140. 01 CAVILLES	racign	t and Type of Cavities
	7.										
Stick Nests:				ntains lar Y* / ⊡∹Ñ				ss (*if yes,	describe in tabl	e belov	v)
STICK NEST(S) IDE	NTIFIE				-		1 25	T == = ==			
UTM		Tree ID		1 ree	Spp.		Nest Size	Photo No	). Spp. (	)bserve	d Using Feature
Seeps/Springs/Ve	rnal Po	ols:					vernal pool		describe in tabl	e helov	v)
SEEP / SPRING / VEI	RNAL P	OOL FEATU					,	- ( ),		0.00.00	1
UTM	F	Feature No. &	туре	Feature (Diame		Wat	ter Depth	Photo No	Sub/Emerger Spp. Prese		Shrubs/ Logs at Edge Present?
			***************************************		*	<u> </u>					
SPECIES & HABITA	T OBSE	RVATIONS	(list sp	ecies and	type of	obser	vation & in	dicate on n	1ap)		
		11				-					

CA=carcass: DP=distinctive parts: FE=feeding evidence; FY=eggs/nest: HO=house/den; OB=observed: SC=scat; SI=other sign; TK=track: VO=vocalization

	Stantec Cor 1 – 70 South Guelph, ON Canada N1 Tel: (519) 83 Fax: (519) 8	gate Dr G 4P5 6-6050	Polc		Ų Woodla	Roadside E and & Wild ssessment	life Habitat
Project Number:	1609	50	260	}	Project Nam	e: NRWC	ELC
Date:	24	Ju		2012_	Field Personne	1 0	harme
Weather Conditions:	TEMP (	'C}:	1 1	NIND:	CLOUD:	PPT:	PPT (in last 24 hrs
					POLYGON DE	SCRIPTION	
					TOPOGRAPHIC		HISTORY
COMMUNITY	TART TIME:	13	16:	15 30	☐ LACUSTRINE ☐ RIVERINE ☐ BOTTOMLAND ☐ TERRACE ☐ VALLEY SLOPE ☐ TABLELAND ☐ ROLL. UPLAND ☐ CLIFF	SAND DUNE	© NATURAL □ CULTURAL
STAND DESCRIPT	ION:						-
LAYER	нт	CVR	(>>IMI	SPECI	ES IN ORDER OF	DECREASING D	OMINANCE ABOUT EQUAL TO)
1 CANOPY	2.	4	Mi		DEIDNOUS	> PINUS	27 HU OCCI
2 SUB-CANOPY	7-4	4		11			1110000
3 UNDERSTOREY	5.6	4	Gr	0.5505			
4 GRD. LAYER	7-8	L	7.5	asses.			
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STANDING SNAGS:			A	<10	0 10-24	25 - 50	>50
ABUNDANCE CODES:		N	=NONE	R=RARE	O=OÇCASIONAL	A=ABUNDANT	N/O=Not observed
STAND MATURITY:	PIONEER	11	YOU	VG	MID-AGE	MATURE	OLD CROWARY

Mixed Forest Hedgeral

CODE:

CODE:

MOLF

FOM

COMPLEX
Evidence of Disturbance / Notes:

VEGETATION TYPE:

ABUNDANCE CODES: N=NONE R=RARE O=	ANOPY 3=UNDERSTOREY 4=GROUND (GRD.) LAYE O=OCCASIONAL A=ABUNDANT D=DOMINANT N/O=Not o								
SPECIES CODE	g green		AYER	MAN WAR	DISTANC	DISTANCE FROM RD.			
		2	3	4	≤5 m	>5 m	COLL.		
TREES:	1. 16	Y	1 711 1		1112	10,000,000	*********		
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						ノー			

1.0	Quality Control: This form is complete - & legible -
Signature:	Signature:
(Field Personnel)	(Project Manager)

ELC Polygon: #\3~	└ Assess	ment Type: ⊒	-Visual; no	o access / 🗅	-Walk throu	igh feature			
Extent of Physical Inv	- restigation	of Feature:	Entire / 🗆	I-Partial, wal	k through p	olygon <i>(ind</i>	licate on map)		
Reptile / Bat Hiber	□- [i.e bri Co □-	Contains potential reptile hibernacula features?  I-Y* / I-N / I-Unknown, no access (*if yes, describe in table below)  i.e. features that would provide a route underground, including buried concrete or rock (e.g. foundations pridge abutments or culverts with cracks/entry points, exposed rock crevices or inactive animal burrows contains potential bat hibernacula features?  I-Y* / I-N / I-Unknown, no access (*if yes, describe in table below)  i.e. karst topography, abandoned mines or caves]							
POTENTIAL HIBER	NACULA F	EATURE(S) ID	ENTIFIE	D					
UTM		Fe	ature Desc	ription		Photo No.	Spp. O	bserve	d Using Feature
				. ,					
Bat Roosting Feat			⊒-Unknow vith open	vn, no access surroundings	s (*if yes, d	escribe in t cm, side-fa	able below) cing cavities ~	10m hiç	gh in tree]
POTENTIAL BAT RO UTM	f				D CI	(5 5)	V C C - '4'	** * *	4 17 60 11
UIM	Tree ID	Tree Spp.	DBH	Photo No.	Decay Cla	ass (1-5)	No. of Cavities	Heigh	t and Type of Cavities
Stick Nests:		Co CD-	ontains lar Y* / 🗷-N	ge stick nest / □-Unknow	s? n, no acces	s (*if yes, c	lescribe in tabl	e belov	y)
STICK NEST(S) IDEN UTM		Tree ID	70	G	N4 C'	701 4 37			177.
UIM		Hee ID	Tree	Spp.	Nest Size	Photo No.	Spp. C	Dserve	d Using Feature
Seeps/Springs/Ver	nal Pools	: Co	ntains se Y* / ⊡-N	eps/springs/\ / 🔲-Unknow	ernal pools	s? is (*if yes, c	lescribe in table	e belov	·)
SEEP / SPRING / VER	NAL POOI								
UTM	Featı	ure No. & Type	Feature (Diame	13/01	ter Depth	Photo No.			Shrubs/ Logs at Edge Present?
SPECIES & HABITAT	ORSERVA	TIONS (list on	ocios and s	tune of observ	vation & in	dianta an m			
SI ECIES & HADITAT	OBSERVA	vitorio (iisi sp	ectes and	type of observ	vation & in	ilcate on m	ap)		

CA=carcass: DP=distinctive parts: FE=feeding evidence; FY=eggs/nest; HO=house/den; OB=observed: SC=scat; SI=other sign; TK=track: VO=vocalization

Stantec	Stantec Co 1 70 South Guelph, ON Canada N1 Tel: (519) 83 Fax: (519) 8	G 4P5 36-6050	Poly 13	-SWoodla	Roadside E nd & Wildl sessment	ife Habitat
Project Number	1001		269	Project Name	7 9	FLC
Date	2.7	JUV	re 2012	Field Personnel	A · Duc	norme
Neather Conditions:	TEMP (	°C):	WIND:	CLOUD:	PPT:	PPT (in last 24 hr
			0	POLYGON DES	CRIPTION	
	lagrica ari			TOPOGRAPHIC F	EATURE	HISTORY
ELC	POLYGON:	1	6:30	☐ LACUSTRINE ☐ RIVERINE ☐ BOTTOMLAND ☐ TERRACE ☐ VALLEY SLOPE	☐ TALUS ☐ CREVICE / CA' ☐ ALVAR ☐ ROCKLAND ☐ BEACH / BAR	VE EXCULTURAL
DESCRIPTION & CLASSIFICATION	END TIME:	1	7,00	TABLELAND ROLL. UPLAND	SAND DUNE	
		1	, , ,	D CLIFF		
TAND DESCRIP	PTION:					
TAND DESCRIP	PTION:	CVR	SPEC	IES IN ORDER OF D	DECREASING DO	DMINANCE ABOUT FOUAL TO
		CVR	SPEC (>>MUCH GRE		DECREASING DO	BOUT EQUAL TO
LAYER  CANOPY SUB-CANOP	нт 2		(>>MUCH GRE	IES IN ORDER OF DEATER THAN; >GRE	ATER THAN; = A	ALBA
LAYER  CANOPY SUB-CANOP UNDERSTORE	HT 2 2 Y 2 EY =	Ч	CAROVA T	IES IN ORDER OF DEATER THAN; >GRE	ATER THAN; = A	BOUT EQUAL TO
LAYER  CANOPY SUB-CANOP UNDERSTORE GRD. LAYER	HT 2 Y 2 EY =	니 ?	CAROVAT OUZIVIA	IES IN ORDER OF DEATER THAN; >GRE	ATER THAN; = A	ALBA PROVIAT
LAYER  CANOPY SUB-CANOP UNDERSTORE	HT 2 Y 3 EY - 1=>25m	☐ ☐ ☐ ☐ ☐ ☐ ☐	CAROVAT	IES IN ORDER OF DEATER THAN; >GRE	ATER THAN; = 1 POP LBA > CF	ALBA PROVINT
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LAYER  CANOPY SUB-CANOP UNDERSTORE GRD. LAYEF T CODES: VR CODES:	HT 2 Y	2=10<+ 1=0%<	(>>MUCH GRE CARONAT ()	IES IN ORDER OF DEATER THAN; >GRE  OUT OF POYA  Om 4=1 <hts2m 3="25&lt;CVRs&lt;/td" 5="0." cvr<25%=""><td>ATER THAN; = A POP LBA CF 5<ht<1m 6="0.2&lt;H&lt;br">60% 4=CVR&gt;60%</ht<1m></td><td>ROVAT</td></hts2m>	ATER THAN; = A POP LBA CF 5 <ht<1m 6="0.2&lt;H&lt;br">60% 4=CVR&gt;60%</ht<1m>	ROVAT
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LAYER  CANOPY SUB-CANOP UNDERSTORE GRD. LAYER T CODES: VR CODES: TANDING SNAGS BUNDANCE CODES:	HT  2 Y	2=10<+ 1=0%<	(>>MUCH GRE	Om 4=1 <hts2m 3="25&lt;CVRS" 5="0." cvr<25%="" mid-age<="" o="0CCASIONAL" th=""><th>5<ht≤1m 4="CVR" 6="0.2&lt;H" 60%="">60% A=ABUNDANT MATURE</ht≤1m></th><th>TSO.5m 7=HT&lt;0.2m N/O=not observed N/O=Not observed OLD GROWN</th></hts2m>	5 <ht≤1m 4="CVR" 6="0.2&lt;H" 60%="">60% A=ABUNDANT MATURE</ht≤1m>	TSO.5m 7=HT<0.2m N/O=not observed N/O=Not observed OLD GROWN
LAYER  CANOPY SUB-CANOP UNDERSTORE GRD. LAYER CODES: VR CODES: TANDING SNAGS BUNDANGE CODES: TAND MATURITY: EGETATION TYPE	HT  2 Y	2=10<+ 1=0%<	(>>MUCH GRE CARONAT  CARONAT  3 = 2 < HT < 1 < 1 < 1 < 1 < 1 < 1 < 1 < 1 < 1 <	IES IN ORDER OF DEATER THAN; >GRE  OM 4=1 <hts2m -="" 0="0CCASIONAL" 10="" 24="" 3="25&lt;CVRS" 5="0." cvrs25%="" e="" mid-age<="" td=""><td>5<ht≤1m 4="CVR" 6="0.2&lt;H" 60%="">60%  A=ABUNDANT  MATURE</ht≤1m></td><td>TSO.5m 7=HT&lt;0.2m N/O=not observed N/O=Not observed OLD GROWN</td></hts2m>	5 <ht≤1m 4="CVR" 6="0.2&lt;H" 60%="">60%  A=ABUNDANT  MATURE</ht≤1m>	TSO.5m 7=HT<0.2m N/O=not observed N/O=Not observed OLD GROWN
LAYER  CANOPY SUB-CANOP UNDERSTORE GRD. LAYER CODES: VR CODES: TANDING SNAGS BUNDANGE CODES: TAND MATURITY: EGETATION TYPE	HT  2 Y =================================	2=10<+ 1=0%< N	(>>MUCH GRE	IES IN ORDER OF DEATER THAN; >GRE  OM 4=1 <hts2m -="" 0="0CCASIONAL" 10="" 24="" 3="25&lt;CVRS" 5="0." cvrs25%="" e="" mid-age<="" td=""><td>5<ht<1m 4="CVR" 6="0.2&lt;H" 60%="">60% A=ABUNDANT MATURE CODE:</ht<1m></td><td>TSO.5m 7=HT&lt;0.2m N/O=not observed N/O=Not observed OLD GROWN</td></hts2m>	5 <ht<1m 4="CVR" 6="0.2&lt;H" 60%="">60% A=ABUNDANT MATURE CODE:</ht<1m>	TSO.5m 7=HT<0.2m N/O=not observed N/O=Not observed OLD GROWN

- oak trees ~ 50 cm DBH

- adjacent to rise property

D white poplar likely planted.

LAYERS: 1=CANOPY >10m 2=SUB- ABUNDANCE CODES: N=NONE R=RAR SPECIES CODE			AYER	2545	DISTANC	FROM RD.	100
		2	3	4	≤5 m	>5 m	COLL.
TREES:		-		1000	a. ornigogarar., 11		J. March
QUEMACK	A		72-	-	A	A	
POPALBA	A	00	*	_	D	0	00
QUEMACK POPALBA CAROVAT	· A	0		Person	1	A	25
	7	1	-	-	0	<del>  A</del>	
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DOLLAR							
GROUND:							
grosses	_	~		12	D	D	
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Signature: Ati M	Quality Control:This form is complete
(Field Personnel)	(Project Manager)

Wildlife Habitat Assessment Form ELC Polygon: # 13-5 Assessment Type: 🖳 Visual; no access / 🔾 - Walk through feature Extent of Physical Investigation of Feature: U-Entire / U-Partial, walk through polygon (indicate on map) Contains potential reptile hibernacula features? Reptile / Bat Hibernacula Features: □-Y\* / □-N / □-Unknown, no access (\*if yes, describe in table below) [i.e. features that would provide a route underground, including buried concrete or rock (e.g. foundations. bridge abutments or culverts with cracks/entry points, exposed rock crevices or inactive animal burrows)] Contains potential bat hibernacula features? □-Y\* / □-N / □-Unknown, no access (\*if yes, describe in table below) [i.e. karst topography, abandoned mines or caves] POTENTIAL HIBERNACULA FEATURE(S) IDENTIFIED **UTM Feature Description** Photo No. Spp. Observed Using Feature **Bat Roosting Features:** Contains potential bat roosting features? □-Y\* / □-N / □-Unknown, no access (\*if yes, describe in table below) [i.e. tall trees with open surroundings, DBH >25cm, side-facing cavities ~10m high in tree] POTENTIAL BAT ROOSTING FEATURE(S) IDENTIFIED UTM Tree ID Tree Spp. Photo No. Decay Class (1-5) No. of Cavities Height and Type of Cavities Stick Nests: Contains large stick nests? □-Y\* / □-N / □-Unknown, no access (\*if yes, describe in table below) STICK NEST(S) IDENTIFIED **UTM** Tree ID Tree Spp. Nest Size Photo No. Spp. Observed Using Feature Seeps/Springs/Vernal Pools: Contains seeps/springs/vernal pools? □-Y\* / □-N / □-Unknown, no access (\*if yes, describe in table below) SEEP / SPRING / VERNAL POOL FEATURE(S) IDENTIFIED Sub/Emergent Veg. Shrubs/ Logs at Edge Feature Size **UTM** Feature No. & Type Water Depth Photo No. (Diameter) Spp. Present? Present? SPECIES & HABITAT OBSERVATIONS (list species and type of observation & indicate on map)

CA=carcass: DP=distinctive parts: FE=feeding evidence; FY=eggs/nest: HO=house/den; OB=observed: SC=scat; SI=other sign: TK=track: VO=vocalization

Stantec Project Number:	Stantec Cor 1 – 70 South Guelph, ON Canada N10 Tel; (519) 83 Fax: (519) 83	gate Driv 3 4P5 6-6050 36-2493	Holy	II. T 13-	6 W	oodia As	Roadside nd & Wild sessmen	dlite	Habitat	
	16095	02	69			ect Name	1 -1/4	C	ELC	
Date:	27	Jun	201	2_	Field F	ersonnel	: A.D.	ch	arme	
Weather Conditions:	TEMP (	°C):	win lig	ID:	Cro	OUD:	PPT:		PPT (in last 24 hrs):	
	POLYGON DESCRIPTION									
					TOPOGE	RAPHIC I	EATURE	a Rigi	HISTORY	
COMMUNITY DESCRIPTION &	POLYGON: START TIM END TIME:		7:60	) >	D LACUS RIVERI BOTTO TERRA VALLE TABLEI ROLL CLIFF	NE MLAND CE Y SLOPE LAND	☐ TALUS ☐ CREVICE / ( ☐ ALVAR ☐ ROCKLAND ☐ BEACH / BA ☐ SAND DUNE ☐ BLUFF	CAVE R	EMATURAL	
STAND DESCRIP	TION:									
LAYER	нт	CVR	(>>MUC	SPECI	ES IN ORD	DER OF D	DECREASING EATER THAN:	DOMIN	IANCE UT EQUAL TO)	
1 CANOPY	()	4			4. Vitel				CMARI	
2 SUB-CANOPY	2	i	CORR	ACE	->A	CESF	15A>\$A	LAL	BA WILL	
3 UNDERSTORE	717	Ω,	GRAS	SS 50	,					
4 GRD. LAYER	10	3	GRAS	<u>50.</u>						
HT CODES:	1=>25m 0=NONE		T≤25m 3= CVR≤10%	2<\f1T≤10 2=10 <c< td=""><td>0m 4=1<ht VR≤25% 3</ht </td><td>≤2m <b>5</b>=0. =25<cvr≤< td=""><td>5<ht≤1m 6="0.2&lt;br">60% 4=CVR&gt;60</ht≤1m></td><td><ht≤0.< td=""><td>5m 7=HT&lt;0,2m =not observed</td></ht≤0.<></td></cvr≤<></td></c<>	0m 4=1 <ht VR≤25% 3</ht 	≤2m <b>5</b> =0. =25 <cvr≤< td=""><td>5<ht≤1m 6="0.2&lt;br">60% 4=CVR&gt;60</ht≤1m></td><td><ht≤0.< td=""><td>5m 7=HT&lt;0,2m =not observed</td></ht≤0.<></td></cvr≤<>	5 <ht≤1m 6="0.2&lt;br">60% 4=CVR&gt;60</ht≤1m>	<ht≤0.< td=""><td>5m 7=HT&lt;0,2m =not observed</td></ht≤0.<>	5m 7=HT<0,2m =not observed	
STANDING SNAGS:			5 <	10	R 10	- 24	25 - 50		>50	
ABUNDANCE CODES:		N	=NONE I	R=RARE	0=000	ASIONAL	A=ABUNDANT	N/O	=Not observed	
STAND MATURITY:	PIONEER		YOUNG		MID-A	GE	MATURE		OLD GROWTH	
VEGETATION TYPE	Mixe	d F	ores	+			CODE: FO	M		

CODE:

COMPLEX
Evidence of Disturbance / Notes:

ABUNDANCE CODES: N=NONE R=RARE O=	100	LA	YER	e la Francis	DISTANCE	DISTANCE FROM RD.		
	5.15	2	3	4	≤5 m	>5 m	COLL	
TREES:					1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	<u> </u>	32 97 4	
SALALBA V. Vitellina	1)	0	N	17	0	D		
PICMARI	0	7	12	72	Ō	0		
SALALBA V. Vitellina PICMARI ACESASA	A	Ö	Ŋ	7	Ā	A		
SHRUBS:								
COPRACE	-	A	15.	-	A	A		
ROUND:		-	E2					
GRASS po.	1	7	P	D	D	D		

Signature: 12	Quality Control This form is complete D & legible D. Signature:
(Field Personnel)	(Project Manager)

Extent of Physical Inv	_							•		on map)			
Reptile / Bat Hiber		Features:	Cont □-Y* [i.e. fi bridge Cont □-Y*	ains po	tential rep / □-Unkn hat would p ents or culv tential ba / □-Unkn	otile own orov erts t hil	e hibernacular, no acces ide a route un with cracks/e bernacula fon, no acces	a features s (*if yes, nderground entry points eatures? s (*if yes,	s? descr , includ , expos	ibe in table ing buried c ed rock crev	onerete rices or i	or rock (e.g. foundati nactive animal burro	ions, ws)]
POTENTIAL HIBER	NACULA					ana	oned mines o	reaves					- 1
UTM				re Desc				Photo No	0.	Spp. O	bserve	Using Feature	
				***************************************							~		
		the title the time to the time		······································		*****					***************************************		
			- 24 - 1200										
Bat Roosting Feat		Contains po □-Y* / ⊡-N [i.e. tall tree	/ □-l s wit	Unknow h open	vn, no acc surround	ces	s (*if yes, d	escribe in cm, side-	<i>table</i> facing	below) cavities ~	10m hiç	gh in tree]	
POTENTIAL BAT RO UTM	Tree ID			DBH	Photo N	<u> </u>	Decay Cla	se (1.5)	No. o	f Cavities	Haiah	and Type of Cari	42
OTM	I tee ID	, tree Spr	, <u>,</u>	DDU	T HOLO IN	0.	Decay Ca	188 (1-5)	140. 0	Cavities	Heigh	t and Type of Cavi	ties
	1		İ										
Stick Nests:		TOWN THE SHARE T	Cont □-Y*	ains lar	ge stick n / □-Unkn	est	s? n, no acces	s (*if yes,	descr	ibe in table	e below	<i>'</i> )	
STICK NEST(S) IDEN	TIFIED	T II		-									
UTM		Tree ID		1 ree	Spp.		Nest Size	Photo No. Spp. Observed Using Feature					
						•••••							
Seeps/Springs/Ver	nal Pag	le.	Cont	aine eo	one/enrin	ach	vernal pools	.2	28				
Seeps/Springs/ver	IIAI FOO	15:	□-Y*	/ <b>1</b>	gps/spriit / □-Unkn	owi	n, no acces	s : <b>s</b> (*if yes,	descr	ibe in table	e below	·)	
SEEP / SPRING / VER	NAL PO	OL FEATURE	(S) II	DENTIF	FIED								
UTM	Fe	ature No. & Ty	ре	Feature (Diame		Wa	ter Depth	Photo No		b/Emergen Spp. Prese		Shrubs/ Logs at F Present?	ldge
				·····									
			$\dashv$						-		·····		
CDECIEC & HADITA	CORCEDI	ELACTORIC (III											
SPECIES & HABITAT	OBSER	VATIONS (list	speci	ies and i	type of ob	ser	vation & inc	licate on i	nap)				
													, in
												0275	[9]
													i.
CA=carcass: DP=distincti	ve norts: Fl	F=feeding evider	rce: E	Vzzeasch	nest: III \=-	nAn:	elden: OR-	Soarva.1-C	Campana	Sherothan -2	(m) · 'F' ···	dynak - V()	
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CAR
Stantec

Stantec Consulting Ltd.
1-70 Southgate Drive
Guelph, ON
Canada N1G 4P5
Tel: (519) 836-6050
Fax: (519) 836-2493

Coll. Tile 13
Roadside ELC,
Woodland & Wildlife Habitat
Assessment

Stantec	T dx. (519) 650-2495								
Project Number:	160950	269	Project Name:	NEWC	ELC				
Date:	27 7	ne 2012	Field Personnel:	A. Duch	arme				
Veather Conditions:	TEMP (°C):	WIND:	CLOUD: Part	PPT:	PPT (in last 24 hrs):				

### POLYGON DESCRIPTION

		TOPOGRAPHIC F	HISTORY	
ELC	TTIME: 7:10  IME: 7:20	D BOTTOMLAND D TERRACE VALLEY SLOPE D VABLELAND	☐ TALUS ☐ CREVICE / CAVE ☐ ALVAR ☐ ROCKLAND ☐ BEACH / BAR ☐ SAND DUNE ☐ BLUFF	EMATURAL ECULTURAL

### STAND DESCRIPTION:

	LAYER	нт	CVR	SPECIE (>>MUCH GREA	S IN ORDER OF TER THAN: >GR	DECREASING DO	OMINANCE ABOUT EQUAL TO)
1	CANOPY	9	3	FASSOLAN		,	TOTAL TO
2	SUB-CANOPY	<b>炒</b> -1	2	Decianor	1. trees/s	chrubs	
3	UNDERSTOREY	5.6		0.05565			
4	GRD. LAYER	3.8	Ц	Cocheck			
	CODES: R CODES:	1=>25m 0=NONE	2=10 <h 1=0%&lt;</h 	HT≤25m <sub>(</sub> , <b>3=</b> 2 <ht≤10 CVR≤10% <b>2=1</b>0<c\< th=""><th>m 4=1<ht≤2m 5="0&lt;br">/R≤25% 3=25<cvr< th=""><th>),5<ht≤1m 6="0,2&lt;H&lt;br">≤60% 4=CVR&gt;60%</ht≤1m></th><th>IT≤0.5m 7=HT&lt;0.2m N/O=not observed</th></cvr<></ht≤2m></th></c\<></ht≤10 	m 4=1 <ht≤2m 5="0&lt;br">/R≤25% 3=25<cvr< th=""><th>),5<ht≤1m 6="0,2&lt;H&lt;br">≤60% 4=CVR&gt;60%</ht≤1m></th><th>IT≤0.5m 7=HT&lt;0.2m N/O=not observed</th></cvr<></ht≤2m>	),5 <ht≤1m 6="0,2&lt;H&lt;br">≤60% 4=CVR&gt;60%</ht≤1m>	IT≤0.5m 7=HT<0.2m N/O=not observed
ST	ANDING SNAGS:			<10	10 - 24	N 25 - 50	>50
ABL	INDANCE CODES:		N	=NONE R=RARE	O=OCCASIONAL	A=ABUNDANT	N/O=Not observed
STA	AND MATURITY:	PIONEER		YOUNG	MID-AGE	MATURE	OLD GROWTH
VE	GETATION TYPE:	Deci	iduo	us Forest	Hodgeren	CODE: HOD	/FOD
	COMPLE	ΣX				CODE:	

**Evidence of Disturbance / Notes:** 

LAYERS: 1=CANOPY >10m 2=SUB-C/ABUNDANCE CODES: N=NONE R=RARE	Par de la	L	AYER		DISTANCE	FROM RD.	observe
SPECIES CODE		2	3	4	≤5 m	>5 m	COLL
TREES:		1 1 1	1	1 1 1 1 1 1 1 1	a malan grussisti. S		(神经)
FAGGRAN	A	0	-			A	
Other not visible	À	0				A	
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SHRUBS:					<del> </del>		
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ROUND:							
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Signature:	Quality Control: This form is complete  Segible  Signature:
(Field Personnel)	(Project Manager)

ELC Polygon: #	7 Asses	sment Type: 🕒	∜isual; n	o acces	s / 🗖	-Walk throu	igh feature	•		
Extent of Physical In	– vestigation	of Feature: □-	Entire / 🗆	⊒-Partia	l, wal	lk through p	olygon (in	dicate on map)		
Reptile / Bat Hiber	□- [i.e brid Co □-	Contains potential reptile hibernacula features?  □-Y*/□-N/□-Unknown, no access (*if yes, describe in table below)  [i.e. features that would provide a route underground, including buried concrete or rock (e.g. foundations. bridge abutments or culverts with cracks/entry points, exposed rock crevices or inactive animal burrows)]  Contains potential bat hibernacula features?  □-Y*/□-N/□-Unknown, no access (*if yes, describe in table below)  [i.e. karst topography, abandoned mines or caves]								
POTENTIAL HIBER	NACULA F									
UTM		Fea	ature Desc	cription			Photo No	. Spp. C	bserve	d Using Feature
			<del></del>							
Bat Roosting Feat			☐-Unknov vith open	wn, no a surrour	cces	s (*if yes, d	escribe in icm, side-f	table below) acing cavities ~	10m hig	gh in tree]
POTENTIAL BAT RO UTM	Tree ID	Tree Spp.	DBH	Photo	No	Decay Cla	200 (1.5)	No. of Cavities	Mainh	t and True of Contain
CIM	kiee ib	тес орр.	DDIT	1 11010	140.	Decay Ca	188 (1-3)	140. 01 Cavities	rreign	t and Type of Cavities
			3					····		
Stick Nests:		Co □-	ntains lai Y* / ⊡-N	rge stick / □-Unl	nest know	ts? n, no acces	ss (*if yes,	describe in tabl	e belov	v)
STICK NEST(S) IDEN UTM		Tree ID	Tree	Spp.		Nest Size	Photo No	Snn (	)hserve	d Using Feature
		110012	7100	. орр.		Trest Size	I noto i v		JUSCI VC	u Osnig Feature
Seeps/Springs/Ver		<b>O</b> -	Y* / 🖸 = N	/ 🗆-Unl	ings/ know	vernal pools n, no acces	s? s (*if yes,	describe in tabl	e below	()
SEEP / SPRING / VER	NAL POO	L FEATURE(S)	1				ſ.	l s ı m	. = .	la
UTM	Feat	ture No. & Type	Feature (Diame		Wa	ter Depth	Photo No	Sub/Emerger Spp. Prese	ent?	Shrubs/ Logs at Edge Present?
									-	
SPECIES & HABITAT	OBSERV.	ATIONS (list sp	ecies and	type of o	bser	vation & inc	dicate on n	іар)		, 1
										4 300 G
										354 <u>c</u>
										2 7
										· ·

460	Stantec	Stantec Cor 1 ~ 70 South Guelph, ON Canada N10 Tel: (519) 83 Fax: (519) 83	gate Driv 3 4P5 6-6050	944 14	oll. T 13-	8 Woodla	Roadside EL nd & Wildlife sessment Fo	e Habitat				
	Project Number:	16095	02	69		Project Name	NRWC	FIC				
	Date:	27	Sun		2012	Field Personnel		arne				
We	eather Conditions:	TEMP (	C):	1.5	VIND:	Part	PPT:	PPT (in last 24 hrs):				
	POLYGON DESCRIPTION											
_		2011/001				TOPOGRAPHIC I	EATURE	HISTORY				
	ELC COMMUNITY ESCRIPTION &	POLYGON: START TIM END TIME:	3  E:  -	>-8 1:3 +:3	20	☐ LACUSTRINE ☐ RIVERINE ☐ BOTTOMLAND ☐ TERRACE ☐ VALCEY SLOPE ☐ ABLELAND ☐ ROLL, UPLAND ☐ CLIFF	☐ TALUS ☐ CREVICE / CAVE ☐ ALVAR ☐ ROCKLAND ☐ BEACH / BAR ☐ SAND DUNE ☐ BLUFF	STATURAL  CULTURAL				
ST	AND DESCRIP	TION:										
	LAYER	нт	CVR	(>>ML	SPECI ICH GRF.	ES IN ORDER OF D	ECREASING DOM ATER THAN; = AB	INANCE				
1	CANOPY	12	4		MA THE	(R) FAGG		S/SA				
2	SUB-CANOPY	3.4	3			ciduous -	NEWIA / LIVE					
3	UNDERSTORE	Y 5.6	2.		0.55.05	.,,						
4	GRD. LAYER	7-7	L	Ro	59							
CV	CODES: R CODES:	1=>25m 0=NONE	1=0%<	CVR≤109	3=2 <ht≤10 % 2=10&lt;0</ht≤10 	)m <b>4</b> =1 <ht≤2m <b="">5=0. VR≤25% <b>3</b>=25<cvr≤< th=""><th>5<ht≤1m 6="0.2&lt;HT≤0&lt;br">60% 4=CVR&gt;60% N</ht≤1m></th><th>0.5m 7=HT&lt;0.2m /O=not observed</th></cvr≤<></ht≤2m>	5 <ht≤1m 6="0.2&lt;HT≤0&lt;br">60% 4=CVR&gt;60% N</ht≤1m>	0.5m 7=HT<0.2m /O=not observed				
	ANDING SNAGS:			2	<10	R 10-24	25 – 50	>50				
	JNDANCE CODES:		N=	NONE	R=RARE	O=OCCASIONAL	A=ABUNDANT N/	O=Not observed				
	AND MATURITY:	PIONEER		YOUN	IG	MID-AGE	MATURE	OLD GROWTH				
VE	GETATION TYPE:	Deci	duoi	15 F	one st	Hodaerow	CODE: HOD /	/FOD				

CODE:

COMPLEX
Evidence of Disturbance / Notes:

ABUNDANCE CODES: N=NONE R=RAI		LA	YER	可测量	DISTANC	E FROM RD	1000
	basili jelu	2	3	4	≤5 m	>5 m	COLI
REES:							
QUITMACK	D	0	_	-	D	N/A	_
FAGGRAN	A	0	_	_	A		
1.CESAS/	$\triangle$	0	_		A		† —
CAROVAT FRAMER	O	0	_	_	0		
FRAMER	0	0			0	1 1	1
		,					
							1
							1
HRUBS:	0						
						† — — — — — — — — — — — — — — — — — — —	
ROUND:	<u> </u>		17			_	
a <sub>e</sub> asses	-	)	0	D		N/A	
J						13771	

(Field Personnel)

Signature:

(Project Manager)

											Wildl	life Habitat Assessment Forn
ELC Polygon: # 3-	8 A	ssess	ment Type:	<b>1</b> -V	ī́sual; n	o acce	s <b>s / </b>	-Walk thro∪	ıgh feature	ŀ		
Extent of Physical In	– vestiga	ation (	of Feature:	Q-E	ntire / □	1-Partia	al, wal	k through p	olygon <i>(ind</i>	dicate on map)		
Reptile / Bat Hiber		□-Y' [i.e. fi bridge Cont □-Y' [i.e. k	features the abutment tains po	/ Q-Ur hat wou ents or c tential / Q-Ur ography	nknowinknowind provents bat hill hill hill hill hill hill hill hil	/ide a route ur with cracks/e bernacula fo	ss (*if yes, onderground, entry points, features? ss (*if yes, o	describe in table including buried of	concrete vices or i	or rock (e.g. foundations, inactive animal burrows)]		
POTENTIAL HIBER UTM	NACU	LAF			ure Desc				Dhoto No.	Spp. C	L-arra	d Firt - Frankrija
ULIVI	4	+-		Ftan	TLG Dest	Tipuoi	1		Photo No.	. Spp. C	bserve	d Using Feature
	***************************************			***************************************								441
Bat Roosting Feat	ures:		Contains po	otent	ial bat r	oosting	g featu	ires?	lescribe in :	table below)		
			[i.e. tall tree	es wit	th open	surrou	inding	s, DBH >25	icm, side-fa	acing cavities ~	10m hiç	gh in tree]
POTENTIAL BAT RO		,	, , ,					T		No. of Cavities		
UTM	Tree	e ID	Tree Spp	ρ.	DBH	Photo	o No.	Decay Cla	ass (1-5)	t and Type of Cavities		
	<del> </del>						10************************************	<u> </u>		W-95-5-7-1-1-1-1		
Stick Nests:				Con	tains lar	rne stic	k nest	te?				
Juon 116969.				U-Y	*/@-N	/ 🗆 - Ur	nknow	n, no acces	ss (*if yes,	describe in tabl	e belov	v)
STICK NEST(S) IDE	YTIFIF	.,										
UTM		1	Tree ID		Tree	Spp.		Nest Size	Photo No	Spp. C	)bserve	d Using Feature
	No. Feet			-			<del>и</del> м					
												The second secon
Seeps/Springs/Ver	rnal P	ools	•	Cont	tains se	eps/sp	rings/	vernal pools	s?	describe in tabl	a holou	.1
SEEP / SPRING / VEF	RNAL	POOL					IKI IOTT	1, 110 60000	S ( II yes, v	Jeschine in tank	E DEIOW	<u>"</u>
UTM		Featu	ure No. & Ty	ype	Feature (Diame		Wa	ter Depth	Photo No.	Sub/Emerger Spp. Prese	it Veg.	Shrubs/ Logs at Edge Present?
							-				***************************************	
		<del> </del>	······	-				Y.				
SPECIES & HABITA	TORS	FDVA	TIONS (liet		iss and			tion & inc	3:4- 01 7-			<u> </u>
SPECIES & HADITA	I Ubo	ERVA	IIUNS (IISE	speci	les and	type or	ODSCI	vation & inc	licate on m	ap)		
												8.0

CA=carcass: DP=distinctive parts: FE=feeding evidence; FY=eggs/nest: HO=house/den; OB=observed: SC=seat; SI=other sign; TK=track: VO=vocalization

Stantec	Canada f Tel: (519) Fax: (519	N1G 4P5 836-605 ) 836-249	o Hole	dl	rile 13; R -9 Woodlan Ass	oadside E nd & Wildl sessment	ife Habitat
Project Number	1609	50	269		Project Name:	NRWC	ELC
Date	27	<u> J</u>	ine s	2012_	Field Personnel:		orne
Weather Conditions:	TEMI	P (°C): -{		WIND:	CLOUD: Part	PPT:	PPT (in last 24 hrs):
			<u></u>	7	POLYGON DES	CRIPTION	
					TOPOGRAPHIC F	EATURE	HISTORY
ELC  COMMUNITY DESCRIPTION & CLASSIFICATION	POLYGO START T	IME:	3-9 7:3 7:3	0	☐ TERRACE ☐ YALLEY SLOPE	☐ TALUS ☐ CREVICE / CA ☐ ALVAR ☐ ROCKLAND ☐ BEACH / BAR ☐ SAND DUNE ☐ BLUFF	ØNATURAL VE □ CULTURAL
STAND DESCRIP	TION:						
LAYER	нт	cvi	₹ (>>MI	SPEC UCH GRE	IES IN ORDER OF D ATER THAN; >GRE	ECREASING DO	OMINANCE
1 CANOPY	1244		-				ADOUT EQUAL TO
2 SUB-CANOPY	1			***************************************			
3 UNDERSTORE	Y	4	TY	PAN	64>>7	1 (05/25)	PHAARUN
4 GRD. LAYER		(n 3		1966	7 TIPLING	U 7 PA	AARUN
HT CODES: CVR CODES:	1=>25 0=NO	m 2=10 NE 1=0	<ht≤25m %<cvr≤10< td=""><td>3=2<ht≤1 % 2=10&lt;0</ht≤1 </td><td>Om 4=1<ht≤2m 5="0.5&lt;br">CVR≤25% 3=25<cvr≤6< td=""><td>5<ht≤1m 6="0.2&lt;H&lt;/td"><td>IT≤0.5m 7=HT&lt;0.2m</td></ht≤1m></td></cvr≤6<></ht≤2m></td></cvr≤10<></ht≤25m 	3=2 <ht≤1 % 2=10&lt;0</ht≤1 	Om 4=1 <ht≤2m 5="0.5&lt;br">CVR≤25% 3=25<cvr≤6< td=""><td>5<ht≤1m 6="0.2&lt;H&lt;/td"><td>IT≤0.5m 7=HT&lt;0.2m</td></ht≤1m></td></cvr≤6<></ht≤2m>	5 <ht≤1m 6="0.2&lt;H&lt;/td"><td>IT≤0.5m 7=HT&lt;0.2m</td></ht≤1m>	IT≤0.5m 7=HT<0.2m
STANDING SNAGS:			M	<10	√ 10 – 24	25 - 50	>50
ABUNDANCE CODES:			N=NONE	R≈RARE		A=ABUNDANT	N/O=Not observed

MID-AGE

MATURE

CODE: MA

CODE:

OLD GROWTH

COMPLEX
Evidence of Disturbance / Notes:

PIONEER

YOUNG

Cattail Mineral Shallow March

STAND MATURITY:

**VEGETATION TYPE:** 

LAYERS: 1=CANOPY >10m 2=SUB ABUNDANCE CODES: N=NONE R=RAF	WELL DANS	LA	YER	2595 Hg	DISTANCE	FROM RD	DDSEI VEI
SPECIES CODE	類性 温度	2	3	4	≤5 m	>5 m	COLL.
TREES:	District States		-		And the Jan 5 P. S.	and a supplementary	gellah Kup
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HRUBS:			<del> </del>	-			
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ROUND:							
TYPANGU PHAAKUN		_	<del></del>	A			
DHAARIAI			+	A	D	<u> </u>	
acassos	-		2	<u>Q</u>	-	Q	
O most			A	A	A	A.	
		$-\!\!\perp$					
		- 1	- 1	- 1	T		

Signature: // Signature:	Quality Control:This form is complete 🗅 & Tegible 🖨:
(Field Personnel)	(Project Manager)

								Wildl	ife Habitat Assessment Forn		
ELC Polygon: # 3	_9 Asses	sment Type: ⊡∸	Visual; ne	o access /	☐-Walk throu	igh feature					
Extent of Physical In	_ 1						licate on map)				
Reptile / Bat Hiber	rnacula Fo	□- [i.e brù Co □-	Contains potential reptile hibernacula features?  —Y*/ ☐-N / ☐-Unknown, no access (*if yes, describe in table below)  [i.e. features that would provide a route underground, including buried concrete or rock (e.g. foundations. bridge abutments or culverts with cracks/entry points, exposed rock crevices or inactive animal burrows)]  Contains potential bat hibernacula features?  —Y*/ ☐-N / ☐-Unknown, no access (*if yes, describe in table below)  [i.e. karst topography, abandoned mines or caves]								
POTENTIAL HIBER	NACULA F	EATURE(S) ID	ENTIFIE	D							
UTM		Fea	ture Desc	cription		Photo No.	Spp. O	bserve	d Using Feature		
				***************************************							
Bat Roosting Feat		Contains poter U-Y* /	3-Unknov vith open	vn, no acc surroundi	ess (*if yes, d	<i>escribe in t</i> icm, side-fa	able below) cing cavities ~	10m hig	gh in tree]		
POTENTIAL BAT RO	1	1				(4.40)		I			
UTM	Tree ID	Tree Spp.	DBH	Photo N	lo. Decay Class (1-5) No. of Cavities Heigh				t and Type of Cavities		
<u>, , , , , , , , , , , , , , , , , , , </u>											
			1								
Stick Nests:		Co	ntains lar Y* / ⊡-N	ge stick n / ロ-Unkn	ests? own, no acces	ss (*if yes, o	describe in tabl	e belov	<i>ı</i> )		
STICK NEST(S) IDE	NTIFIED										
UTM		Tree ID	Tree	Spp.	Nest Size	Photo No.	Spp. C	bserve	d Using Feature		
				······································							
						5					
Seeps/Springs/Ve	rnal Pools	s: Co	ntains se	eps/spring	gs/vernal pools	s?					
SEEP / SPRING / VEI	DNAL BOO				own, no acces	s (*if yes, c	lescribe in tabl	e belou	<i>'</i> )		
			Feature	Size			Sub/Emerger	ıt Vog	Shrubs/ Logs at Edge		
UTM	Feat	ure No. & Type	(Diame		Water Depth	Photo No.	Sub/Emerger		Present?		
		***************************************									
	<u></u>						<u> </u>				
SPECIES & HABITA	T OBSERV	ATIONS (list sp	ecies and	type of ob	servation & in	dicate on m	ap)				

CA=carcass: DP=distinctive parts: FE=feeding evidence; FY=eggs/nest: HO-house/den; OB=observed: SC=scat; SI=other sign; TK=track: VO=vocalization

_	Series Series									
680	B	Canada N1 Tel. (519) 83	G 4P5 36-6050	HOID 12.	Woodla	Roadside ELO	: Habitat			
	Stantec	Fax: (519) 8	36-2493	Assessment Form						
	Project Number:	609	50	269	Project Name	NRWC G	ELC			
	Date:	27	34	ne 2012	Field Personnel		Nno			
Ne	eather Conditions:	TEMP (	°C):	WIND:	CLOUD: Part	PPT:	PPT (in last 24 hrs):			
POLYGON DESCRIPTION										
_					TOPOGRAPHIC I	EATURE	HISTORY			
CLASSIFICATION POLYGON:  START TIME:  START TIME:  END TIME:				3-10 7:35 7:40	☐ LACUSTRINE ☐ RIVERINE ☐ BOTTOMLAND ☐ TERRACE ☐ VALLEY SLOPE ☐ TĀBLĒLAND ☐ ROLL, UPLAND ☐ CLIFF	☐ TALUS ☐ CREVICE / CAVE ☐ ALVAR ☐ ROCKLAND ☐ BEACH / BAR ☐ SAND DUNE ☐ BLUFF	☑ NATURAL			
<u>3</u> T	AND DESCRIP	TION:				-				
_	LAYER	нт	CVR	SPECII (>>MUCH GREA	ES IN ORDER OF I	DECREASING DOMI EATER THAN; = ABO	NANCE OUT FOUAL TO			
1	CANOPY	2	3		11/100 >> F	AGGRAN				
2	SUB-CANOPY									
3	UNDERSTORE	Y		1001	(CE)					
끑	GRD. LAYER	1=>25m	3=10-	HT-25m 2-2-157-40	- 4-4-017-0					
V	R CODES:	0=NONE	1=0%	<cvr≤10% 2="10&lt;C&lt;/td"><td>m 4=1<his2m 5="0&lt;br">VR≤25% 3=25<cvr≤< td=""><td>5<ht≤1m 6="0.2&lt;HT≤0&lt;br">60% 4=CVR&gt;60% N/6</ht≤1m></td><td>.5m 7=HT&lt;0.2m D=not observed</td></cvr≤<></his2m></td></cvr≤10%>	m 4=1 <his2m 5="0&lt;br">VR≤25% 3=25<cvr≤< td=""><td>5<ht≤1m 6="0.2&lt;HT≤0&lt;br">60% 4=CVR&gt;60% N/6</ht≤1m></td><td>.5m 7=HT&lt;0.2m D=not observed</td></cvr≤<></his2m>	5 <ht≤1m 6="0.2&lt;HT≤0&lt;br">60% 4=CVR&gt;60% N/6</ht≤1m>	.5m 7=HT<0.2m D=not observed			
_	ANDING SNAGS:			R <10	R 10-24	N 25 - 50	V >50			
¥B(	JNDANCE CODES:			I=NONE R=RARE	O=OCCASIONAL	A=ABUNDANT N/C	D=Not observed			
ST	AND MATURITY:	PIONEER		YOUNG	MID-AGE	MATURE	OLD GROWTH			
VE	GETATION TYPE:	Mine	ral	Cultural	Woodland	CODE: CUW	?			
	COMP	LEX				CODE:				
	dana - CDI-t									

Evidence of Disturbance / Notes:

LAYERS: 1=CANOPY >10m 2=SUB- ABUNDANCE CODES: N=NONE R=RAR		LA	YER		DISTANCE	the first	
· · · · · · · · · · · · · · · · · · ·	<b>基基6</b> 第1 第	2	3	4	≤5 m	>5 m	COL
TREES:	F				100		100
FAGORAN	D	/110	1000	1-20	NA	D	
FAGORAN	A	1600	1/	<del>(55)</del>	NA	A	
					7 4/1-7	1	
				1			-
				<b>-</b>			<del> </del>
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			<b>†</b> —				
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		<del>                                     </del>					
SHRUBS:							
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				1			
		<del>                                     </del>		1			
ROUND:						F1	
		-	<del></del>				
	_						

signature: A: A	Quality Control: This form is complete
(Field Personnel)	(Project Manager)

El C Dahman, #10	) /\ a_			[ <del>]</del>		(5)	187-11-46				
ELC Polygon: # 3-	-										
	-			G-Linie /	u-ran	iai, wai	K unough p	Joiygon (#	инсат <del>е</del> он ттар)		
Reptile / Bat Hiber	rnacul	la Fea	1	□-Y* / □- [i.e. feature bridge abut Contains   □-Y* / □-	N / □-U s that wor ments or potential N / □-U	nknow ald provents bat his nknow	ide a route u with cracks/ bernacula f	ss (*if yes, nderground entry points features? ss (*if yes,	describe in table, including buried	concrete vices or	or rock (e.g. foundations, inactive animal burrows)]
POTENTIAL HIBER	NACUI	LA FE	ATURE(S)	IDENTIF	IED						
UTM			j	Feature Do	escriptio	n		Photo N	o. Spp. C	bserve	d Using Feature
			***************************************								*
Bat Roosting Feat		) ]	i.e. tall tree	/ □-Unkn s with ope	own, no en surro	acces	s (*if yes, d	lescribe in icm, side-	table below) facing cavities ~	10m hi	gh in tree]
UTM	Tree		Tree Spp		·	o No.	Decay Cl	ass (1-5)	No. of Cavities	Heigh	t and Type of Cavities
Stick Nests:			Market Market State 1	Contains I	arge sti	ck nest	ts?	-		-	
		'n		O-Y* / O-	ÑĬ□-U	nknow	n, no acces	ss (*if yes,	describe in tab	le belov	v)
STICK NEST(S) IDEN UTM	TILLE		ree ID	Tr	ee Spp.		Nest Size	Photo N	o. Spp. 6	Observe	d Using Feature
Seeps/Springs/Ver				□-Y* / <b>⊡</b> -	N/ 🗆 - U	orings/	vernal pool	s? ss (*if yes,	describe in tab	e belov	v)
SEEP / SPRING / VEF	RNAL	POOL	FEATURE(	(S) IDENT	TFIED	<u> </u>		1			
UTM		Featur	re No. & Ty	ne:	re Size meter)	Wa	ter Depth	Photo No	Sub/Emerger Spp. Prese		Shrubs/ Logs at Edge Present?
						<u> </u>					
SPECIES & HABITAT	r obsi	ERVA	TIONS (list	species an	d type o	f obser	vation & in	dicate on 1	nap)		

CA=carcass: DP=distinctive parts: FE=feeding evidence; FY=eggs/nest: HO=house/den; OB=observed: SC=scat; SI=other sign; TK=track: VO=vocalization

Stantec	Stantec Cor 1 – 70 South Guelph, ON Canada N10 Tel: (519) 83 Fax: (519) 83	6-6050	Poly 13	−II Woodla	Roadside ELO nd & Wildlife sessment Fo	Habitat
Project Number:	609	502	269	Project Name	NEWC EC	C
Date:	27		~c 20/2	Field Personnel	A >	arme
Weather Conditions:	TEMP (°	C);	WIND:	CLOUD:	PPT:	PPT (in last 24 hrs):
				POLYGON DES	CRIPTION	
				TOPOGRAPHIC F	EATURE	HISTORY
ELC COMMUNITY	POLYGON: START TIM	13 E: 1	+:40	☐ LACUSTRINE ☐ RIVERINE ☐ BOTTOMLAND ☐ TERRACE ☐ VALLEY SLOPE	☐ TALUS ☐ CREVICE / CAVE ☐ ALVAR ☐ ROCKLAND ☐ BEACH / BAR	EMATURAL  CULTURAL
DESCRIPTION & CLASSIFICATION	END TIME:	)	7:50	TABLELAND ROLL UPLAND CLIFF	SAND DUNE	
STAND DESCRIP	TION:					
LAYER	НТ	CVR	SPEC (>>MUCH GRE	IES IN ORDER OF D ATER THAN; >GRE	ECREASING DOMI	NANCE OUT EQUAL TO)
1 CANOPY	1 KE	·				
2 SUB-CANOPY		-				
3 UNDERSTORE	Y 3-4	4	TYPLA	11779	06505	
4 GRD. LAYER	51	2,	TIPLATI	20 asses	7 lily cade	
HT CODES:	1=>25m	2=10 <h< td=""><td>T≤25m 3=2<ht≤1< td=""><td>0m 4=4'<ht≤2m 5="0.&lt;/td"><td>5<ht≤1m 6="0.2&lt;HT≤0&lt;/td"><td>.5m 7=HT&lt;0.2m</td></ht≤1m></td></ht≤2m></td></ht≤1<></td></h<>	T≤25m 3=2 <ht≤1< td=""><td>0m 4=4'<ht≤2m 5="0.&lt;/td"><td>5<ht≤1m 6="0.2&lt;HT≤0&lt;/td"><td>.5m 7=HT&lt;0.2m</td></ht≤1m></td></ht≤2m></td></ht≤1<>	0m 4=4' <ht≤2m 5="0.&lt;/td"><td>5<ht≤1m 6="0.2&lt;HT≤0&lt;/td"><td>.5m 7=HT&lt;0.2m</td></ht≤1m></td></ht≤2m>	5 <ht≤1m 6="0.2&lt;HT≤0&lt;/td"><td>.5m 7=HT&lt;0.2m</td></ht≤1m>	.5m 7=HT<0.2m
CVR CODES:	0=NONE	1=0%<	CVR≤10% 2=10<0	CVR≤25% 3=25 <cvr≤< td=""><td>60% 4=CVR&gt;60% N/</td><td>0=not observed</td></cvr≤<>	60% 4=CVR>60% N/	0=not observed
STANDING SNAGS:			<b>(10</b>	0 10-24	25 – 50	>50
ABUNDANCE CODES:		N	NONE R=RARE	O=OCCASIONAL	A=ABUNDANT N/	D=Not observed
STAND MATURITY:	PIONEER		YOUNG	MID-AGE	✓ MATURE	OLD GROWTH
VEGETATION TYPE:	Cattail	Mine	ral Shallo	u Marsh	CODE: MAS	2-1

**Evidence of Disturbance / Notes:** 

COMPLEX

- large concrete box cultural underpool.

CODE:

LAYERS: 1=CANOPY >10m 2=SUB-CANOPY 3=UNDERSTOREY 4=GROUND (GRD.) LAYER ABUNDANCE CODES: N=NONE R=RARE O=OCCASIONAL A=ABUNDANT D=DOMINANT N/O=Not observed LAYER DISTANCE FROM RD. SPECIES CODE COLL. 1 2 3 4 ≤5 m >5 m TREES: 0 N 0 SHRUBS: GROUND: 0  $\bigcirc$ D 10 A

Signature: A5/A	()(6)	Quality Control:This form is complete
(Field Persor	nnel)	(Project Manager)

Extent of Physical Inv	- ·									
Reptile / Bat Hiber	nacula I	[i.e. brid Col	Y* / G-Ñ features ti lge abutme ntains po Y* / G-Ñ	/ Q-Unking hat would ents or culvitential ba	proviverts at hil	ide a route ui with cracks/i bernacula f	ss (*if yes, inderground entry points eatures? ss (*if yes,	describe in table, including buried	concrete vices or	or rock (e.g. foundations, inactive animal burrows)]
POTENTIAL HIBER	NACULA							:1		
UTM		Fea	ture Desc	cription			Photo N	o. Spp. C	bserve	d Using Feature
				······································						
										**************************************
	- n= . =n									
Bat Roosting Feat	ures:	Contains poter □-Y* / ⊡-N / □ [i.e. tall trees w	I-Unknov	vn, no ac	ces	s (*if yes, d	lescribe in icm, side-	table below) facing cavities ~	10m hi	gh in tree]
POTENTIAL BAT RO	OSTING		ENTIFIE	ED						
UTM	Tree ID	Tree Spp.	DBH Photo No. Decay Clas			ass (1-5)	No. of Cavities	Heigh	t and Type of Cavities	
						N				
			1						<del> </del>	
					-					Denote the second secon
Stick Nests:				rge stick⊣ / <b>□</b> -Unkı			ss (*if ves.	describe in tabl	e belov	v)
STICK NEST(S) IDEN	TIFIED					•	, , , , , ,			-
UTM		Tree ID	Tree	Spp.		Nest Size	Photo N	o. Spp. (	)bserve	d Using Feature
Seeps/Springs/Ver	nal Poo	ls: Cor	ntains se Y* / ⊡∹Ñ	eps/sprir / 🔲-Unkr	ngs/\ nowl	vernal pools	s? ss (*if yes,	describe in tabl	e belov	v)
SEEP / SPRING / VER	NAL PO	OL FEATURE(S)	IDENTII	FIED						
UTM	Fea	ature No. & Type	Feature (Diame	1	Water Depth		Photo No	Sub/Emerger Spp. Prese		Shrubs/ Logs at Edge Present?
***************************************			······································							
SPECIES & HABITAT	OBSER	VATIONS (list sne	cies and	type of ol	heem	vation & in	dicata on i	non)		
	OBSER	VIII IONO (IISE SPE	cios iniu	type or o	USCI	vacion & in	uicate on i	пар)		
										3

1	1	A	
	1/	3	
			A

1 - 70 Southgate Drive Guelph, ON Canada N1G 4P5 Tel: (519) 836-6050

## Coll. Tile 13, Roadside ELC, Stantec Consulting Ltd. Poly 13-12Woodland & Wildlife Habitat **Assessment Form** Fax: (519) 836-2493

_		
	Star	ntec

Project Number: 60950269 Date:

TEMP (°C):

Project Name: Field Personnel:

NRINC

WIND: light CLOUD:

PPT (in last 24 hrs): -3 mm

		POLYGON DES	CRIPTION	
		TOPOGRAPHIC P	EATURE	HISTORY
ELC	POLYGON: 13-12		CREVICE / CAVE	DINATURAL
COMMUNITY	START TIME: 7:50	D TERRACE  VALLEY SLOPE	□ ALVAR □ ROCKLAND □ BEACH / BAR	CULTURAL
DESCRIPTION & CLASSIFICATION	END TIME: (3.500)	TABLELAND TROLL UPLAND	SAND DUNE	

### STAND DESCRIPTION:

	LAYER	HT	CVR	SPECI (>>MUCH GREA	ES IN ORDER OF ATER THAN; >GR	DECREASING DO	MINANCE ABOUT EQUAL TO)	
1	CANOPY	2	4	CAROJA	TZFAGG	RANZTIL	AMERIAN	MAR
2	SUB-CANOPY	3.4	Cly	CAROVA	>000	ACRITI	AMER	4000
3	UNDERSTOREY	5.6	-13	CORRA	CF	113 127 110		
4	GRD. LAYER	7.9	4	GRASS	· P ·	7		
	CODES: R CODES:	1=>25m 0=NONE	2=10 <f 1=0%&lt;</f 	IT≤25m <b>3</b> =2 <ht≤10 CVR≤10% <b>2</b>≈10<c< th=""><th>m 4=1<ht≤2m 5="&lt;br">VR≤25% 3=25<cvr< th=""><th>0.5<ht≤1m 6="0.2&lt;H&lt;br">3≤60% 4=CVR&gt;60%</ht≤1m></th><th>T≤0.5m 7=HT&lt;0.2m N/O=not observed</th><th>ĺ</th></cvr<></ht≤2m></th></c<></ht≤10 	m 4=1 <ht≤2m 5="&lt;br">VR≤25% 3=25<cvr< th=""><th>0.5<ht≤1m 6="0.2&lt;H&lt;br">3≤60% 4=CVR&gt;60%</ht≤1m></th><th>T≤0.5m 7=HT&lt;0.2m N/O=not observed</th><th>ĺ</th></cvr<></ht≤2m>	0.5 <ht≤1m 6="0.2&lt;H&lt;br">3≤60% 4=CVR&gt;60%</ht≤1m>	T≤0.5m 7=HT<0.2m N/O=not observed	ĺ
STA	ANDING SNAGS:			() <10	0 10 - 24	25 - 50	>50	
ABU	INDANCE CODES:		N	=NONE R=RARE	O=OCCASIONAL	48.	N/O=Not observed	
STA	AND MATURITY:	PIONEER		YOUNG	MID-AGE	MATURE	OLD GROWTH	
VE	VEGETATION TYPE: Decid			lous For	est	CODE: FOD	>	
$\perp$	COMPLE	X				CODE:		ł

**Evidence of Disturbance / Notes:** 

LAYERS: 1=CANOPY >10m 2=SUB-CANOPY 3=UNDERSTOREY 4=GROUND (GRD.) LAYER ABUNDANCE CODES: N=NONE R=RARE O=OCCASIONAL A=ABUNDANT D=DOMINANT N/O=Not observed LAYER DISTANCE FROM RD. SPECIES CODE COLL. 1 2 3 4 ≤5 m >5 m TREES: CARONAT 1 OUTRUBR A 3GGRAIS A SHRUBS: CORRACE  $\bigcirc$ ONIO GROUND: GRASS V. NIO

Signature: —	Ail	Quality Control:This form is complete
	(Field Personnel)	(Project Manager)

ELC Polygon: #/3	-/2_Assess	ment Type: ⊟∹	∀isual; n	o access	s / 🖵	-Walk throu	gh feature			
Extent of Physical Ir	<del></del>							dicate on map)		
Reptile / Bat Hibe	rnacula Fe	[i.e. brid Cor	Y* / Ø-N . features the lge abutme ntains po Y* / Ø-N	/ □-Unk hat would ents or cul stential b / □-Unk	now prov verts at hil	ide a route ur with cracks/e bernacula fe	is (*if yes, onderground, entry points, eatures? is (*if yes, o	describe in table including buried o	morete ices or i	or rock (e.g. foundations, nactive animal burrows)]
POTENTIAL HIBER	RNACULA F									
UTM		Feature Description					Photo No.	Photo No. Spp. Observed Using Feature		
Bat Roosting Fea		Contains poter  -Y*/-N/- [i.e. tall trees w	J-Unknov vith open	vn, no ad surround	cces	s (*if yes, d	escribe in t cm, side-fa	table below) acing cavities ~	10m hig	jh in tree]
POTENTIAL BAT R UTM	OOSTING F	Tree Spp.	ENTIFIE DBH	Photo	No.	Decay Cla	nee (1-5)	No. of Cavities	Haigh	t and Type of Cavities
	110012	1140 opp.	D.M.I.	I HOLO	110.	Detay Ca	155 (1-5)	140. UI CAVILLES	rieight and Type of Cavit	
									***************************************	
	<u></u>								\ <u></u>	
Stick Nests:	man or one of the first	Col □-`	ntains lar Y* / 🗷-N	ge stick / □-Unk	nest	ts? n, no acces	s (*if yes, o	describe in tabl	e below	)
STICK NEST(S) IDE UTM		Tree ID	Tree Spp. Nest Siz			Nest Size	Photo No. Spp. Observed Using Feature			
- V BATA		III CIL	тес орр.			11636 5126	Indicato	Spp. Observe		Using reature
										Will a second
									myse-states	× 11 × 12 × 12 × 12 × 12 × 12 × 12 × 12
Seeps/Springs/Ve		<u> </u>	Y* / (2)=N	/ 🗆-Unk	ngs/	vernal pools n, no acces	s? s (*if yes, d	describe in tabl	e below	·)
SEEP / SPRING / VE	RNAL POOL	FEATURE(S)						0.00	. 47	
UTM	Feati	Feature No. & Type		Feature Size (Diameter)		ter Depth	Photo No.	Sub/Emergen Spp. Prese		Shrubs/ Logs at Edge Present?
			***************************************							
SPECIES & HABITA	T OBSERVA	TIONS (list spe	cies and	type of o	bser	vation & inc	dicate on m	ap)		,
										- 3

CA=carcass: DP=distinctive parts: FE=feeding evidence; FY=eggs/nest: HO=house/den; OB=observed: SC=scat; SI=other sign; TK=track: VO=vocalization

13

13-AD

**MARKET** 

Stantec Project Number:	Cana Tel: Fax:	ntec Con 70 South Iph, ON ada N10 (519) 83 (519) 83	3 4P5 6-6050	Lid. (611. T.) Poly 1	Woodla As:		: Habitat
Date:		415 TEMP (° 25	PC);	WIND: 3-4	Field Personnel:	NC, A0	PPT (in last 24 hrs):
					POLYGON DES		HISTORY
ELC COMMUNITY PESCRIPTION & LASSIFICATION	STAI	YGON: RT TIM TIME:	13		☐ LACUSTRINE ☐ RIVERINE ☑ BOTTOMLAND ☐ TERRACE ☐ VALLEY SLOPE ☐ TABLELAND ☐ ROLL. UPLAND ☐ CLIFF	☐ TALUS ☐ CREVICE / CAVE ☐ ALVAR ☐ ROCKLAND ☐ BEACH / BAR ☐ SAND DUNE ☐ BLUFF	□ NATURAL □ CULTURAL
LAYER	TIOIT	N: HT	CVR	SPECIE (SSMICH CREATER)	ES IN ORDER OF D	DECREASING DOMI	NANCE
CANOPY				(PPINOOTI GIVE	TILK THAN, ZOKE	ATER ITAN, - ABO	JUT EQUAL TO)
SUB-CANOP	-						
GRD. LAYER		5 7.	1 0	0// 0 // 1			
'CODES:	1	7 1≖>25m 0≈NONE	2=10<1 1=0%	1744-HX14 1T525m 3=2 <ht510 CVR510% 2=10<c< td=""><td>m 4=1<ht≤2m 5="0.&lt;/td"><td>5<ht≤1m 6="0.2&lt;HT≤0&lt;br">60% 4=CVR&gt;60% N/</ht≤1m></td><td>0.5m 7=HT&lt;0.2m O=not observed</td></ht≤2m></td></c<></ht510 	m 4=1 <ht≤2m 5="0.&lt;/td"><td>5<ht≤1m 6="0.2&lt;HT≤0&lt;br">60% 4=CVR&gt;60% N/</ht≤1m></td><td>0.5m 7=HT&lt;0.2m O=not observed</td></ht≤2m>	5 <ht≤1m 6="0.2&lt;HT≤0&lt;br">60% 4=CVR&gt;60% N/</ht≤1m>	0.5m 7=HT<0.2m O=not observed
ANDING SNAGS	:	N/c	7	<10	10 – 24	25 - 50	>50
UNDANCE CODES:	l'i		N	=NONE R=RARE	O=OCCASIONAL	A=ABUNDANT NA	O=Not observed
AND MATURITY:	-	IONEER		YOUNG	MID-AGE	MATURE	OLD GROWTH
YEED CANCER	49	ness	Mine	exal meadon	marsh	CODE: / AM	2-2
СОМ	PLEX	<				CODE:	
ridence of Distu	ırbaı	nce / N	Notes:	- grao	dog wood	) willow,	10.4

and oak trees near bridge along smithville red but over-ail community is MAM -creek clarg south side is lineably CAROVAT and moist CAMI-1

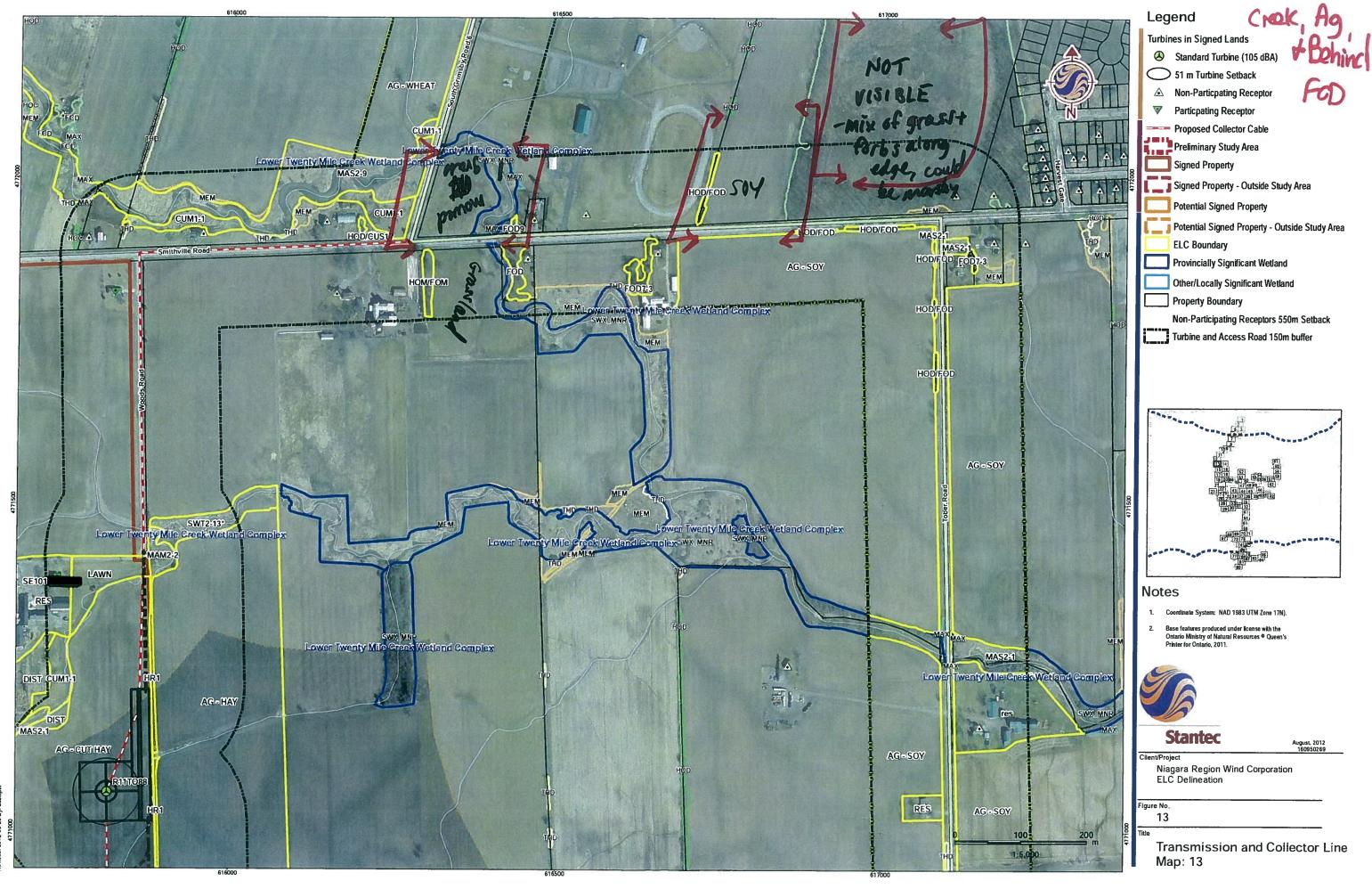
ABUNDANCE CODES: N=NONE R=RARE O=( SPECIES CODE	经统制	LA	YER		DISTANCE	FROM RD.	0.402931
	25.51 19.51 24.51 19.51	2	3	4	≤5 m	>5 m	COLL
TREES:	1			1 1	1 1		
					(2)		
SHRUBS:				ı i			
					7		
DOLINA							
GROUND:			· .			=	
PHAARUN				D			
MANA ALV							
				ļ			

Signature:	
(Field Personnel)	/

Quality Control:This form is complete 

8 legible Signature: //

ELC Polygon: #\3-	Ass	sessment Type:	: <b>☑</b> -∨	isual; no	acces	ss/🗖	-Walk throu	ugh feature			
Extent of Physical Inv	-` 'estigati	ion of Feature:	<b>Q</b> -E	intire / 🗆	I-Partia	al, wal	k through p	oolygon (in	dicate on map)		
Reptile / Bat Hiber	nacula	i Features:	□-Y [i.e. : bridg Con □-Y	* / □-N / features the ge abutme tains po  * / □-N /	/ ☑-Un nat woul nts or ci tential / ☑-Un	know Id provulverts bat hil	ide a route u with cracks/ bernacula f	ss (*if yes, inderground, entry points features? ss (*if yes,	describe in table including buried of	concrete vices or	or rock (e.g. foundations, inactive animal burrows)]
POTENTIAL HIBER	NACUL	A FEATURE(S									
UTM			Feat	ure Desc	ription	1		Photo No	Spp. C	)bserve	d Using Feature
Bat Roosting Feat		[i.e. tall tre	1 / ☑- es wi	-Unknow th open	/n, no a surrou	acces	s (*if yes, d	lescribe in 6cm, side-1	table below) acing cavities ~	10m hi	gh in tree]
UTM	Tree I		<u> </u>	DBH	Photo	No.	Decay Cl	ass (1-5)	No. of Cavities	Heigh	t and Type of Cavities
		WWW.									
Stick Nests:			Con	tains lar * / ☑-N .	ge stic / <b>□</b> -Un	k nesi Iknow	ts? n, no acces	ss (*if yes,	describe in tabl	le belov	v)
STICK NEST(S) IDEN	TIFIED										
UTM		Tree ID	-	Tree Spp. Nest Size			Photo N	Photo No. Spp. Observed Using Feature			
		····				***************************************					
Seeps/Springs/Ver			□-Y	*/ 🗆 - N /	/ <b>☑-</b> Un	rings/v	vernal pool n, no acces	s? ss (*if yes,	describe in tabl	e belov	v)
SEEP / SPRING / VER	NAL PO	OOL FEATURE	E(S) 1	DENTIF Feature					SL/E	- 4 ¥7	Ch., L./I., ATA
UTM	F	Feature No. & T	ype	(Diame		Wa	ter Depth	Photo No	Sub/Emerger Spp. Prese		Shrubs/ Logs at Edge Present?
SPECIES & HABITAT	OBSEI	RVATIONS (lis	t spec	ies and t	type of	obser	vation & in	dicate on n	1ap)		
											*/
CA=carcass: DP=distincti	ve parts:	FE=feeding evide	nce; f	Y=eggs/i	nest: H0	.)=hous	se/den; OB=c	observed: SC	Pescat; Sletother s	ign; TK=	track: VO=vocalization



latminglytrawinglymxd\20120423\_NHA\_Fieldmaps\160950269\_Release\_18\_ELC\_T\_Line\_Collector\_Map\_Book\_2012072

6/10	
MA	

# Stantec Consulting Ltd. 1 – 70 Southgate Drive Guelph, ON Canada N1G 4P5 Tel: (519) 836-6050 Stantec Consulting Ltd. Coll. Tik 14', Roadside ELC, Woodland & Wildlife Habitat Assessment Form

Stantec				_	
Project Number:	1609502	69	Project Name:	MRING	211
Date:	03 Jul-1	2017	Field Personnel:	A. Dorel	2420
Weather Conditions:	TEMP (°C):	WIND:	CLOUD:	PPT:	PPT (in last 24 hrs)

		POLYGON DES	POLYGON DESCRIPTION						
		TOPOGRAPHIC F	EATURE	HISTORY					
COMMUNITY	START TIME: 8 = 30	☐ LACUSTRINE ☐ RIVERINE ☐ BOTTOMLAND ☐ TERRACE ☐ VALLEY SLOPE ☐ TABLELAND ☐ ROLL, UPLAND ☐ CLIFF	☐ CREVICE / CAVE ☐ ALVAR ☐ ROCKLAND	ETNATURAL EFCULTURAL					

#### STAND DESCRIPTION:

	LAYER	нт	CVR	SPEC (>>MUCH GRE	IES IN ORDER OF I	DECREASING DO	MINANCE BOUT FOUAL TO	
1	CANOPY	2	2	N. 1877	pp. > DILLET	TACK	TOO. EROAL 10)	
2	SUB-CANOPY	3	),	a ALIY	Sm 7 PIC 61	ALL ZIGI	JAKT	
3	UNDERSTOREY	4.5	P.	CHLIAN	APP GRADE T	2. 2 DIRECAL	i	
4	GRD. LAYER	C-+	¥	CALCEN	1 2 0	27 SOLCAN	IN > DILFUIT	
CVF	HT CODES:       1=>25m       2=10 <ht≤25m< td="">       3=2<ht≤10m< td="">       4=1<ht≤2m< td="">       5=0.5<ht≤1m< td="">       6=0.2<ht≤0.5m< td="">       7=HT&lt;0.2m         CVR CODES:       0=NONE       1=0%<cvr≤10%< td="">       2=10<cvr≤25%< td="">       3=25<cvr≤60%< td="">       4=CVR&gt;60%       N/O=not observed</cvr≤60%<></cvr≤25%<></cvr≤10%<></ht≤0.5m<></ht≤1m<></ht≤2m<></ht≤10m<></ht≤25m<>							
STA	ANDING SNAGS:		(	<b>&gt;</b> <10	10 - 24	25 - 50	>50	
ABU	INDANCE CODES:		N:	NONE R=RARE	O=OCCASIONAL	A=ABUNDANT	N/O=Not observed	
		PIONEER		YOUNG	MID-AGE	MATURE	OLD GROWTH	
VEC	DIN - Maix +	Olg t	reld	Meadon	)	CODE: CUM		
$\perp$	COMPLE	X				CODE:		

ABUNDANCE CODES: N=NONE R=RAF		LA	YER	Na Wala	DISTANCE	FROM RD.	(William
STEGES CODE	1111	2	3	4	≤5 m	>5 m	COL
REES:				1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	The second section of the	1 - 1 - 1	. 0, 900
DUE MACK	0	R	N	17	Garage -		<del>                                     </del>
SALIX SPP.	D	D	0	N		1.	_
111111111111111111111111111111111111111	121	R	1)	Li	-		-
PICGLAIX	17	0	13	17			
THUOCCI	1,3	Ř	N	N	<del> </del>		
DUERUBR	11	R	N	12			
			13	10,			
			<del> </del>	-			
		<del> </del>	-				
		-	<del>                                     </del>	<del> </del>			
			<del> </del>	<del> </del>			
			<del> </del>	-	<b> </b> -		
IRUBS:			-				
ONTART		_					
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CACALI	garage a sector	_	44-	A			
			N	8.		_	
AROFFI			R	R	4	. —	
PHULE			R	R			
DAUCARO		~	0	0		-	

Signature:	Ail.	Quality Control:This form is complete
	(Field Personnel)	(Project Manager)

ELC Polygon: #	Asse	essment Type:	⊒-Visual	; no acce	ss / 🗖	-Walk throu	igh feature	•		
Extent of Physical Inv	estigatio	on of Feature:	□-Entire	/ ロ-Partia	al, wal	k through p	olygon <i>(in</i>	dicate on map)		
Reptile / Bat Hiber	nacula	1	□-Y* / ☐ [i.e. featun bridge abu Contains □-Y* / ☐	-N / □-Ur es that wou tments or c potential -N / □-Ur	Id provulverts bat hill hknow	ide a route un with cracks/obernacula f	is (*if yes, iderground, entry points, eatures? is (*if yes,	describe in table including buried	concrete vices or	or rock (e.g. foundations, inactive animal burrows)]
POTENTIAL HIBER	NACULA	· · · · · · · · · · · · · · · · · · ·			COMMI					
UTM			Feature D	escription	1		Photo No	. Spp. (	bserve	d Using Feature
- newwent				**************************************						
Bat Roosting Feat		[i.e. tall tree	/ □-Unkr s with op	nown, no en surrou	acces	s (*if yes, d	<i>escribe in</i> cm, side-f	table below) acing cavities ~	10m hi	gh in tree]
POTENTIAL BAT RO UTM	Tree II				o No.	Decay Cla	ass (1-5)	No. of Cavities	Heigh	nt and Type of Cavities
Stick Nests:			Contains □-Y* / ☑	large stic -N / □-Ur	k nesi iknow	ts? n, no acces	s (*if yes,	describe in tab	le belov	v)
STICK NEST(S) IDEN	TIFIED									
UTM		Tree ID	T	ree Spp.		Nest Size	Photo No	o. Spp. 0	Observe	d Using Feature
Seeps/Springs/Ver	nal Poo	ols:	Contains I-Y* / I	seeps/sp -N / 🔲-Ur	rings/ nknow	vernal pools	s? ss (*if yes,	describe in tab	le belov	v)
SEEP / SPRING / VER	NAL PO	OL FEATURE	S) IDEN	TIFIED						
UTM	Fe	eature No. & Ty	ne:	ure Size ameter)	Wa	ter Depth	Photo No	Sub/Emerge Spp. Pres		Shrubs/ Logs at Edge Present?
SPECIES & HABITAT	r obser	VATIONS (list	species a	nd type of	obser	vation & inc	dicate on n	nap)		
										# <sup>6</sup>
										4
CA-managara DB-distinati	too receive E	Perlanding and law	nu tiv-s	rire/mast, £fe	()==be	valden (NO	droum in A. CV	Samuel Chambellance		-truck · VO=vocalization

910	
0	_

### Stantec Consulting Ltd. 1-70 Southgate Drive Guelph, ON Canada N1G 4P5 Coll. Tile 14; Roadside ELC, Woodland & Wildlife Habitat **Assessment Form**

	Tel: (519) 836-6050
Stantec	Fax: (519) 836-2493

Continue					
Project Number:	160950	269	Project Name:	NRWC 6	E(C
Date:	03 Jul	12012	-	A. Ducho	irne
ather Conditions:	TEMP (°C):	WIND:	CLOUD	PPT:	PPT (in last 24 hrs)

#### **POLYGON DESCRIPTION**

ELC POLYGON:		□ NATURAL
COMMUNITY DESCRIPTION & CLASSIFICATION  START TIME:  CLASSIFICATION  START TIME:  CLASSIFICATION  CLASSIFICATI	MLAND DALVAR DE DROCKLAND SLOPE DBEACH / BAR AND DSAND DUNE	E-CULTURAL

#### STAND DESCRIPTION:

	LAYER	нт	CVR	SPECIE (>>MUCH GREA	S IN ORDER OF	DECREASING DOI	MINANCE BOUT EQUAL TO)		
1	CANOPY	2-3	١	ACESAC	C		BOOT EQUAL TO)		
2	SUB-CANOPY	Ottom C	S	-					
3	UNDERSTOREY	(****	-	-					
4	GRD. LAYER	7	4	GRASS					
HT CODES: 1=>25m 2=10 <ht≤25m 0="NONE" 1="0%&lt;CVR≤10%" 2="10&lt;CVR≤25%" 3="25&lt;CVR≤60%" 4="CVR" 5="0.5&lt;HT≤1m" 6="0.2&lt;HT≤0.5m" 7="HT&lt;0.2m" codes:="" cvr="">60% N/O=not observed</ht≤25m>									
ST	ANDING SNAGS:			√/ <10	10-24	25 - 50	N >50		
	JNDANCE CODES:		N	=NONE R=RARE	O=OCCASIONAL	A=ABUNDANT	N/O=Not observed		
STA	AND MATURITY:	PIONEER		YOUNG	MID-AGE	MATURE	OLD GROWTH		
VEC	GETATION TYPE:	Mine	ral	Cultural	Meadow	CODE: CUM	1		
COMPLEX CODE:									

#### Evidence of Disturbance / Notes:

Church grounds - cut grass
and planted tree
monoculture.

ABUNDANCE CODES: N=NONE R=RARE  SPECIES CODE	KER STEEL	LA	YER	CH MAN	DISTANCE	FROM RD	100
	类型 生食	2	3	4	≤5 m	>5 m	COL
TREES:				1 11 7			
HCESACC	D			N			
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HRUBS:			-				
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ROUND:	11.1	1, 1					
GEASS (common)		jej	A. Carrier	D		-	
	+						

Signature: A	Quality Control:This form is complete
(Field Personnel)	(Project Manager)

ELC Polygon: #	1-2 Ass	essment Typ	e: 🗗 🔨	Visual; no	o acces	ss / 🖵	-Walk throu	igh feature	Э				
Extent of Physical I	nvestigati	on of Feature	): □-E	Entire / □	1-Partia	ıl, wall	k through p	olygon <i>(in</i>	dica	ite on map)			
Reptile / Bat Hibe	rnacula	Features:	[i.e. brid Cor	Y* / Ø-N features the features the features the features the features features for features features for features	/ □-Un hat would hat would ents or cultential   / □-Un	nknowi Id provulverts bat hil nknowi	ide a route ur with cracks/e bernacula fe	is (*if yes, aderground, entry points, eatures? is (*if yes,	dese, inclu , exp	cribe in table uding buried c osed rock crev cribe in table	oncrete or i	or rock (e.g. foundati nactive animal burro	ons. ws)]
POTENTIAL HIBEI	RNACULA	A FEATURE						1					
UTM			Feat	ture Desc	ription	<u> </u>		Photo No	D.	Spp. O	bserved	Using Feature	
Bat Roosting Fea	tures:	Contains □-Y* / ☑ [i.e. tall t	-N / 🗆	I-Unknov	vn, no a	acces	s (*if yes, de	<i>escribe in</i> cm, side-f	<i>tabl</i> facin	le below) ng cavities ~	10m hig	gh in tree]	
· · · · · · · · · · · · · · · · · · ·	OTENTIAL BAT ROOSTING FEATURE		(S) IDI	ENTIFIE	ED								
UTM	Tree I	ID Tree S	3pp.	DBH	Photo	No.	Decay Cla	ass (1-5)	No.	of Cavities	Height	and Type of Cavit	ties
									***************************************				
Stick Nests:	Fall of the W 271, 171		Cor	ntains lar Y* / 🖸 - N	ge stic	k nest	ts? n, no acces	s (*if yes,	des	cribe in table	e below	')	
STICK NEST(S) IDE UTM	NTIFIED	Tree ID		Tree Spp. Nest Size				Photo No		Snn C	beaution	d Using Feature	
0 1172		TICOAD		1100	орр.		Nest Size	Size Photo No.		Spp. Observed Comg Featur		a Osing Feature	
4-													
								L					21
Seeps/Springs/Ve	•		0-7	Y* / @=N	/ 🗀 - Un	rings/\ ıknowı	vernal pools n, no acces	s? s (*if yes,	des	cribe in table	e below	·)	
SEEP / SPRING / VE UTM		eature No. &	T	Feature (Diame	e Size	Wa	ter Depth	Photo No	No. Sub/Emergent Veg. Spp. Present?			Shrubs/ Logs at E Present?	dge
				***************************************					-	······································			
ODECTEC & HADITA	TOPOEL	DIATIONS		. ,									
SPECIES & HABITA	11 OBSEI	KVATIONS (	ist spe	cies and	type of	observ	vation & inc	dicate on n	nap)	!			
												( e./ ( e./	

CA=carcass: DP=distinctive parts: FE=feeding evidence; FY=eggs/nest: HO=house/den; OB=observed: SC=scat; SI=other sign; TK=track: VO=vocalization



Stantec Consulting Ltd. 1 – 70 Southgate Drive Guelph, ON Canada N1G 4P5 Tel: (519) 836-6050 Fax: (519) 836-2493

## Coll. Tike 14; Roadside ELC, Poly 14-3woodland & Wildlife Habitat Assessment Form

Project Number:	60950	269	Project Name:	NRWC	ELC
Date:	03 3.1	12012	Field Personnel:	A. Duc	nanne
Weather Conditions:	TEMP (°C):	WIND:	CLOUP:	PPT:	PPT (in last 24 hrs)

#### **POLYGON DESCRIPTION**

CODE:

			TOPOGRAPHIC F	EATURE	HISTORY
ELC	POLYGON:		RIVERINE	CREVICE / CAVE	E NATURAL
COMMUNITY	START TIME:	.00	☐ TERRACE ☐ VALLEY SLOPE	□ ROCKLAND □ BEACH / BAR	□ CULTURAL
CLASSIFICATION	END TIME:	7.50		☐ SAND DUNE ☐ BLUFF	

#### STAND DESCRIPTION:

	LAYER	нт	CVR	SPE (>>MUCH GR	CIES IN ORDER OF I EATER THAN; >GRE	DECREASING DOI	MINANCE BOUT FOUAL TO		
1	CANOPY	2		F/ 66R	ANT F1463				
2	SUB-CANOPY	3		TAGGERI	M. FAGS	19.1/2 VIT	JIMI		
3	UNDERSTOREY	4.7	4	CALCA	JAY GLASS	SO. VITT	1/6/1		
4	GRD. LAYER	6-7	4	CALCA	NA CRACE		ANA		
HT CODES: 1=>25m 2=10 <ht≤25m 0="NONE" 1="0%&lt;CVR≤10%" 2="10&lt;CVR≤25%" 3="25&lt;CVR≤60%" 4="CVR" 5="0.5&lt;HT≤1m" 6="0.2&lt;HT≤0.5m" 7="HT&lt;0.2m" codes:="" cvr="">60% N/O=not observed</ht≤25m>									
STA	ANDING SNAGS:			<b>₽</b> <10	R 10-24	25 - 50	>50		
ABU	INDANCE CODES:		N	=NONE R=RAF	RE O=OCCASIONAL	A=ABUNDANT	N/O=Not observed		
		PIONEER	- 44	YOUNG	MID-AGE	MATURE	OLD GROWTH		
VE(	BETATION TYPE: Dry-M	oist	DID	Field 1	Meadow	CODE: CUM	1-1		

**Evidence of Disturbance / Notes:** 

COMPLEX

ABUNDANCE CODES: N=NONE R=RAR SPECIES CODE		LA	YER	E Milan	DISTANCE	FROM RD.	History.
REES:		2	3	4	≤5 m	>5 m	COLL
		-	ļ.,				
FRAGALLY	0	0	1-1		0	N	
1 /- 1 1 - 1 - 1 - V	- 1 0	0	1	N	0	7)	
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						10000	
ROUND:							
CALCANA		-	C	U	D	D	
SOLCANTO	425	9	A	Ā	4	A	
SOF CHUY.	+>:=	A.,	4	F	A	0	
ASC S-1R-1		15	17	0	0	0	
VITTIVI		6	Q	N	0	٥	
DIPFULL	-	~	(2)	G.	R	N	
ERICHEL		4-	N	R	R	R	
						T	

LAYERS: 1=CANOPY >10m

Signature:

(Field Personnel)

2=SUB-CANOPY

Signature:

(Project Manager)

Reptile / Bat Hiber	Contains potential reptile hibernacula features?  —Y*/ —N / —Unknown, no access (*if yes, describe in table below)  [i.e. features that would provide a route underground, including buried concrete or rock (e.g. foundations, bridge abutments or culverts with cracks/entry points, exposed rock crevices or inactive animal burrows)]  Contains potential bat hibernacula features?  —Y*/ —N / —Unknown, no access (*if yes, describe in table below)  [i.e. karst topography, abandoned mines or caves]  S) IDENTIFIED  Feature Description  Photo No. Spp. Observed Using Feature												
0111			100.	ture Dest	ription			T HOLO IX	Тиотогтог Брр.			d Osing Feature	
				***************************************									
Bat Roosting Feat		[i.e. tall tre	¶/□ es w	l-Unknov ith open	vn, no a surrou	acces	s (*if yes, d	lescribe in icm, side-	ta.	ble below) ing cavities ~	10m hí	gh in tree]	
UTM	Tree			DBH	Photo	No.	Decay Cla	ass (1-5)	N	o. of Cavities	Height and Type of Cavities		
		11000	ъ.		THOL	7110.	Detay Ca	455 (1-5)	1	o. or Cavities	Titigh	t and Type of Cavities	
Stick Nests:			Cor	ntains lar /* / ᡌ-N	ge stic / 🔲-Un	k nest	s? n, no acces	s (*if yes	, de	escribe in tabl	e belov	v)	
STICK NEST(S) IDEI	VILFIE	Tree ID	1	Troo	Snn		Nest Size	Photo N	To.	Snn (	)haansia	d Heine Feetune	
OTIV	-	TieetD		Tree Spp.			Nest Size	Filoto		Spp. C	Juserve	d Using Feature	
	7												
Seeps/Springs/Vel			<u> </u>	<u>/* / OF-N .</u>	/ 🗀 - Un	rings/ know	vernal pools n, no acces	s? s <b>s</b> (*if yes,	, de	escribe in tabl	e belov	v)	
SEEP / SPRING / VEI UTM	MAL	Feature No. & T	T	Feature (Diame	Size	Wa	Water Depth   Photo No		0.	Sub/Emergent Veg. Spp. Present?		Shrubs/ Logs at Edge Present?	
	T. O. D. C.												
SPECIES & HABITA	I OBS	ERVATIONS (lis	t spe	cies and	type of	obser	vation & inc	dicate on	ma	p)			
												* 3	
												34 ST	
												= =	
CA=earcass: DP=distinct	ive parts	s: FE=feeding evid	ence;	FY=eggs/	nest: HO	)=hous	se/den; OB=c	observed: S	C=	scat; SI=other si	gn, TK-	track: VO=vocalization	

ELC Polygon: # \ \( \superscript{-\subscript{-}} \) Assessment Type: \( \mathbb{T}\subscript{-\text{Visual}} \); no access \( \mathbb{Q}\subscript{-\text{Walk}} \) through feature

Extent of Physical Investigation of Feature: Q-Entire / Q-Partial, walk through polygon (indicate on map)

6	1	1		
1		5	9	

Guelph, ON Canada N1G 4P5 Tel. (519) 836-6050 Fax: (519) 836-2493

#### Stantec Consulting Ltd. Coll. Tike 14; Roadside ELC, Woodland & Wildlife Habitat **Assessment Form**

Juliue					
Project Number:	160950	269	Project Name:	NRUC	ELC
Date:	03 Sul	y 2012	Field Personnel:	A. Duc	hanne
eather Conditions:	TEMP (°C):	WIND:	CLOUD	PPT:	PPT (in last 24 hrs)

#### **POLYGON DESCRIPTION**

			TOPOGRAPHIC F	EATURE	HISTORY
ELC	POLYGON:		RIVERINE	CREVICE / CAVE	☐ NATURAL
COMMUNITY	START TIME: 9	-30	☐ TERRACE ☐ VALLEY SLOPE	□ ROCKLAND □ BEACH / BAR	CULTURAL
CLASSIFICATION	END TIME:	:45		☐ SAND DUNE ☐ BLUFF	

#### STAND DESCRIPTION:

	LAYER	нт	CVR	SPECIE (>>MUCH GREA	S IN ORDER OF DITER THAN: >GRE	ECREASING DO	OMINANCE ABOUT EQUAL TO)
1	CANOPY		******				ALCON EGOAL TO
2	SUB-CANOPY	3	1	(FA666)	11 > CORD	ACE	
3	UNDERSTOREY	4-5	L	-17/00 No	1 7 50A	Si -0.	20160612
4	GRD. LAYER	6-1	L	TIPALIG	J 9 9 1 A		01 - 61 10
CVI	HT CODES: 1=>25m 2=10 <ht≤25m 0="NONE" 1="0%&lt;CVR≤10%" 2="10&lt;CVR≤25%" 3="25&lt;CVR≤60%" 4="CVR" 5="0.5&lt;HT≤1m" 6="0.2&lt;HT≤0.5m" 7="HT&lt;0.2m" codes:="" cvr="">60% N/O=not observed</ht≤25m>						
ST	ANDING SNAGS:			<i>₽</i> <10	10-24	25 – 50	>50
	JNDANCE CODES:		_	NONE RERARE	O=OCCASIONAL	A=ABUNDANT	N/O=Not observed
ST/	AND MATURITY:	ONEER		Poung	MID-AGE	MATURE	OLD GROWTH
VE	GETATION TYPE:	-Cat	tail	Mineral Sh	allow March	CODE: MAS	2-1/cumi
	COMPLE	Х				CODE:	

Evidence of Disturbance / Notes:

ABUNDANCE CODES: N=NONE R=RAR SPECIES CODE		LA	YER	DISTANCE	TERRE		
	1	2	3	4	≤5 m	>5 m	COLL
TREES:		1 50				1 5	-
FAGSON	See (1	0	N	16.)	0		
SHRUBS:							
CORRACE		R	1	N	R	-	
					,		
GROUND:							
TYPANGU	-	7	D	D	D		
GRASS Pr SOLIANA			À	A	6		
CIRVULG		~	R	€ O	R	)	

Signature:

(Field Personnel)

Signature:

(Project Manager)

CONTINUED								Wild	Roadside ELC, Woodland & life Habitat Assessment Forn
ELC Polygon: #14-	Assess	sment Type: ⊡-√	√isual; no	o access /	<b>□</b> -Walk throւ	igh feature			
Extent of Physical In	vestigation	of Feature: Q-	Entire / 🗆	]-Partial, w	alk through p	oolygon <i>(inc</i>	dicate on map)		
Reptile / Bat Hiber	rnacula Fe	□-\ [i.e. brid Cor □-\	(* / ☑-N features the ge abutmentains po (* / ☑-N	/ □-Unknothat would prents or culvestential bat	ovide a route un rts with cracks/ hibernacula f	ss (*if yes, onderground, entry points, features? ss (*if yes, o	describe in tabl including buried o	concrete vices or	or rock (e.g. foundations, inactive animal burrows)]
POTENTIAL HIBER	NACULA F	EATURE(S) IDE	ENTIFIE	D					
UTM		Feat	ture Desc	cription		Photo No.	. Spp. C	bserve	d Using Feature
							<u> </u>		
Bat Roosting Feat		Contains poten -Y*/ -N/ - [i.e. tall trees w	-Unknov ith open	vn, no acce surroundir	ess (*if yes, d	lescribe in i	table below) acing cavities ~	10m hi	gh in tree]
POTENTIAL BAT RO		T			1 _			1	
UTM	Tree ID	Tree Spp.	DBH	Photo No	. Decay Cl	ass (1-5)	No. of Cavities	Heigh	t and Type of Cavities
								<u> </u>	
Stick Nests:		Cor □-\	ntains lar	ge stick ne	ests? wn, no acces	ss (*if ves.	describe in tabl	e belov	v)
STICK NEST(S) IDEN	TIFIED				<u> </u>				<u>7</u>
UTM		Tree ID	Tree	Spp.	Nest Size	Photo No	Spp. C	bserve	d Using Feature
	· -								
Seeps/Springs/Vei	rnal Pools	: Cor	ntains se	eps/spring / 🔲-Unkno	s/vernal pools	s? ss (*if yes, (	describe in tabl	e belov	v)
SEEP / SPRING / VEF	RNAL POO								
UTM	Feat	ure No. & Туре	Feature (Diame		ater Depth	Photo No.	Sub/Emerger Spp. Prese		Shrubs/ Logs at Edge Present?
					***************************************				
SPECIES & HABITA	T OBSERVA	ATIONS (list spe	cies and	type of obs	ervation & in	dicate on n	ap)		

CA=carcass: DP=distinctive parts: FE=feeding evidence; FY=eggs/nest: HO=house/den; OB=observed: SC=scat; SI=other sign; TK=track: VO=vocalization

Stantec	Stantec Cor 1 – 70 South Guelph, ON Canada N10 Tel: (519) 83 Fax: (519) 83	gate Dn 3 4P5 6-6050	L. LOI,	Woodlar	oadside EL0 nd & Wildlife sessment Fo	Habitat
Project Number:	16095	020	9	Project Name:	NEW C 1	=LC
Date:		on ly	2012	Field Personnel:	A. Duch	
Weather Conditions:	TEMP (°	C):	WIND:	CLOUD	PPT:	PPT (in last 24 hrs):
				POLYGON DES	CRIPTION	
				TOPOGRAPHIC FI	EATURE	HISTORY
COMMUNITY	POLYGON: START TIM END TIME:	E: 9	-5 -45	☐ RIVERINE  ☐ BOTTOMLAND ☐ TERRACE ☐ VALLEY SLOPE ☐ TABLELAND	□ TALUS □ CREVICE / CAVE □ ALVAR □ ROCKLAND □ BOCKLAND □ SACH / BAR □ SAND DUNE □ BLUFF	□ NATURAL G∕CULTURAL
STAND DESCRIP	TION:					
LAYER	нт	CVR	SPECI (>>MUCH GRE/	ES IN ORDER OF DI ATER THAN; >GREA	ECREASING DOMI	NANCE
1 CANOPY	7-3	12	F. ( = SAC		THE PARTY AND	OT EQUAL TO)
2 SUB-CANOPY	/		- manual			
3 UNDERSTORE	Υ					
4 GRD. LAYER	=7-	4	ORIASS			
HT CODES:	1=>25m 0=NONE	2=10 <f 1=0%&lt;</f 	HT≤25m <b>3=</b> 2 <ht≤10 <cvr≤10% <b="">2=10<c< td=""><td>)m 4=1<ht≤2m <b="">5=0.5 VR≤25% 3=25<cvr≤6< td=""><td>KHT≤1m 6=0.2<ht≤0< p=""></ht≤0<></td><td>.5m 7=HT&lt;0.2m D=not observed</td></cvr≤6<></ht≤2m></td></c<></cvr≤10%></ht≤10 	)m 4=1 <ht≤2m <b="">5=0.5 VR≤25% 3=25<cvr≤6< td=""><td>KHT≤1m 6=0.2<ht≤0< p=""></ht≤0<></td><td>.5m 7=HT&lt;0.2m D=not observed</td></cvr≤6<></ht≤2m>	KHT≤1m 6=0.2 <ht≤0< p=""></ht≤0<>	.5m 7=HT<0.2m D=not observed
STANDING SNAGS:			<10	10-24	V 25 – 50	√ >50
ABUNDANCE CODES:		N	=NONE R=RARE	O=OCCASIONAL	A=ABUNDANT N/C	D=Not observed
STAND MATURITY:	PIONEER		YOUNG	MID-AGE	MATURE	OLD GROWTH
VEGETATION TYPE	Mirera	il Co	Heral V	loodland (	ODE: CUW	1
COM	PLEX				ODE:	

Cut grass with planted Sugar maple monoculture.

LAYERS: 1=CANOPY >10m 2=SUB-CANOPY 3=UNDERSTOREY 4=GROUND (GRD.) LAYER ABUNDANCE CODES: N=NONE R=RARE O=OCCASIONAL A=ABUNDANT D=DOMINANT N/O=Not observed LAYER DISTANCE FROM RD. SPECIES CODE COLL 1 3 4 ≤5 m >5 m TREES: D R SHRUBS: GROUND: GRASS

Signature:	Quality Control:This form is complete @ & legible @.  Signature:
(Field Personnel)	(Project Manager)

ELC Polygon: # \	S A:	sess	ment Type: 🗅	I-Visual; n	o acce	ss / 📮	-Walk throu	igh featur	е		
Extent of Physical Inv	- /estiga	ition (	of Feature:	I-Entire / C	⊒-Partia	al, wai	k through p	olygon <i>(ir</i>	ndicate on map)		
Reptile / Bat Hiber	nacu	la Fe	[i bi C	I-Y* / Ø-N i.e. features to idge abutmo ontains po I-Y* / Ø-N	/ D-Ur hat wou cuts or cotential / D-Ur	nknow Id provaliverts bat hinknow	ide a route un with cracks/o bernacula fo	is (*if yes, iderground entry points eatures? is (*if yes,	describe in table, including buried of	concrete vices or	or rock (e.g. foundations, inactive animal burrows)]
POTENTIAL HIBER	NACU:	LA F	<del> </del>		<del></del>	,					
UTM			F	eature Des	cription	1		Photo N	o. Spp. C	bserve	d Using Feature
		······									
						***************************************					
Bat Roosting Feat		NG F	Contains pote □-Y* / □-N / [i.e. tall trees	□-Unknow with open	wn, no surrou	acces	s (*if yes, d	escribe in cm, side-	table below) facing cavities ~	10m hi	gh in tree]
UTM	Tree		Tree Spp.	DBH	Photo	o No.	Decay Cla	ass (1-5)	No. of Cavities	Heigh	t and Type of Cavities
			<del></del>								
Ottala Nasata						_					
Stick Nests:				ontains la I-Y* / ᡌ-N	rge stic / □-Ur	k nes Iknow	is? n, no acces	s (*if yes,	describe in tabl	e belov	v)
STICK NEST(S) IDEN	TIFIE										
UTM		7	ree ID	Tree	Tree Spp. Nest Size			Photo No. Spp. Observed Using Feature			
				***************************************							
Seeps/Springs/Ver	nal P	ools	С	ontains se	eps/sp	rings/	vernal pools n, no acces	s? s (*if yes,	describe in tabl	e belov	v)
SEEP / SPRING / VER	NAL I	POOL		) IDENTI	FIED						
UTM		Featu	re No. & Typ	e Feature (Diam		Wa	ter Depth	Photo No	Sub/Emerger Spp. Prese		Shrubs/ Logs at Edge Present?
							······································				
SPECIES & HABITAT	OBSI	ERVA	TIONS (list s	pecies and	type of	obser	vation & inc	dicate on 1	nap)		
				,							
											*
											:= :: :::::::::::::::::::::::::::::::::
											76
											=1
											2 D
CA=carcass: DP=distincti	ve parts	: FE=	eeding evidenc	e: FY=eggs/	nest: 110	O=hon	e/den: OR=o	bserved Si	Cargosti Stanther of	on TK	struck: VOsaszeslization



### Stantec Consulting Ltd. 1 - 70 Southgate Drive Guelph, ON Canada, N1G 4P5 Tel: (519) 836-6050 Fax: (519) 836-2493 COII. Tile III Roadside ELC, Woodland & Wildlife Habitat Assessment Form

Stantec
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JUGITUEL					
Project Number:	160950	269	Project Name:	NRUC	FLC
Date:	03 July	2012	Field Personnel:	A. Dud	narne
ather Conditions:	TEMP (°C):	WIND:	CLOUD:	PPT:	PPT (in last 24 hrs)

POLYGON DESCRIPTION	PO	LY	GON	DES	CRIP	TION
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			TOPOGRAPHIC F	HISTORY	
COMMUNITY DESCRIPTION &	POLYGON: START TIME: END TIME:	14-6 10-00 10:15	☐ BOTTOMLAND ☐ TERRACE ☐ VAŁLEY SLOPE ☐ TABLELAND	☐ TALUS ☐ CREVICE / CAVE ☐ ALVAR ☐ ROCKLAND ☐ BEACH / BAR ☐ SAND DUNE ☐ BLUFF	□ NATURAL

#### STAND DESCRIPTION:

	LAYER	нт	CVR	SPECII (>>MUCH GRE/	ES IN ORDER OF I	DECREASING DO	MINANCE BOUT EQUAL TO)
1	CANOPY	7.3	3	3u GNIG	e		DOO! EQUAL TO)
2	SUB-CANOPY	241	_				
3	UNDERSTOREY						
4	GRD. LAYER	-/-	4	Gensi			
CVF	CODES: R CODES: ANDING SNAGS:	0=NONE	1=0%<	CVR<10% 2=10 <c< th=""><th>m 4=1<ht≤2m 5="0&lt;br">VR≤25% 3=25<cvr≤< th=""><th>60% 4=CVR&gt;60% 25 - 50</th><th>≤0.5m 7=HT&lt;0.2m N/O=not observed &gt;50</th></cvr≤<></ht≤2m></th></c<>	m 4=1 <ht≤2m 5="0&lt;br">VR≤25% 3=25<cvr≤< th=""><th>60% 4=CVR&gt;60% 25 - 50</th><th>≤0.5m 7=HT&lt;0.2m N/O=not observed &gt;50</th></cvr≤<></ht≤2m>	60% 4=CVR>60% 25 - 50	≤0.5m 7=HT<0.2m N/O=not observed >50
48U	NDANCE CODES:		N:	=NONE R=RARE	O=OCCASIONAL		N/O=Not observed
STA	ND MATURITY:	PIONEER		YOUNG	✓MID-AGE	MATURE	OLD GROWTH
VEC	SETATION TYPE:	tine	ral	Caltura	Woodland	CODE: CUV	11
$\perp$	COMPLE	X				CODE:	

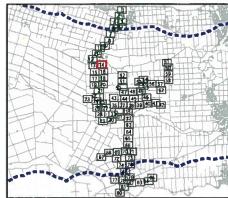
LAYERS: 1=CANOPY >10m 2=SUB- ABUNDANCE CODES: N=NONE R=RARI SPECIES CODE		L	YER	F92 94	DISTANCE	FROM RD.	1933 2754
。	11	2	3	4	≤5 m	>5 m	COLL
REES:	16			=	197		
ELGNIGR	0	***	No.	-		D	
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SUI S. TEOMERON	\$100	1000			1	12	
			- 1				
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Signature:	A-2	Quality Control:This form is complete
	(Field Personnel)	(Project Manager)

ELC Polygon: #	( Ass	essment Type:	: 🗗:Visual; n	o acce	ss / 🗖	-Walk throu	ugh feature	•		
Extent of Physical Inv										
Reptile / Bat Hiber			Contains potential reptile hibernacula features?  —Y* / =\ \ / \ -\ \ / \ -\ \ \ \ \ \ \ \ \ \ \							
POTENTIAL HIBERY	NACULA						,			
UTM			Feature Des	cription	1		Photo No.	. Spp. O	bserved	d Using Feature
							80			
									***************************************	
Bat Roosting Feat		Contains n	otential bat r	roceting	foot	17002				
		□-Y* / ②-N [i.e. tall tree	N / □-Unknoves with open	wn, no i surrou	acces	s (*if yes, d	lescribe in t	table below) acing cavities ~	10m híç	gh in tree]
POTENTIAL BAT RO	1									
UTM	Tree I	D Tree Sp	p. DBH	Photo	o No.	Decay Cla	ass (1-5)	No. of Cavities	Height	t and Type of Cavities
										***************************************
			1							
Stick Nests:			Contains la	rae stic	k nest	ts?	-		Burga, tul	
			□-Y*/	Ĭ□-Ur	ıknow	n, no acces	ss (*if yes,	describe in table	e below	<i>(</i> )
STICK NEST(S) IDEN	TIFIED		T			T	1			
UTM		Tree ID	Tree	e Spp.		Nest Size	Photo No	Spp. C	bserve	d Using Feature
						<u> </u>			<del></del>	
Carrings (Var	- al Da	_1_	Containe	/	-i h		_			
Seeps/Springs/Ver				/ □-Un	rings/ iknow	vernai poois n, no acces	s? s <b>s (*if yes</b> , (	describe in table	e below	<i>(</i> )
SEEP / SPRING / VER	NAL PC	OL FEATURE			Т		T			
UTM	F	eature No. & Ty	ype Feature (Diam		Wa	ter Depth	Photo No.	Sub/Emergen Spp. Prese		Shrubs/ Logs at Edge Present?
		N-11-11-11-11-11-11-11-11-11-11-11-11-11							··	
									***************************************	
SPECIES & HABITAT	COBSEF	RVATIONS (list	t species and	type of	obser	vation & inc	dicate on m	(ne		
			- Species	*3 P	0000	7441711 22 1	dicate ou	ар,		
-										XC RC
					40					1
										ν.

CA=carcass: DP=distinctive parts: FE=feeding evidence; FY=eggs/nest: HO=house/den; OB=observed: SC=scat; Sl=other sign; TK=track: VO=vocalization

Potential Signed Property - Outside Study Area



June, 2012 160950269

Proposed Collector Route Map 14

Stantec	Stantec Cor 1 70 Soulf Guelph, ON Canada N10 Tel: (519) 83 Fax: (519) 8	ngate Dri G 4P5 86-6050	HOIY IS	S−I Woodla	Roadside EL nd & Wildlife sessment Fo	e Habitat				
Project Number:	1609	50:	269	Project Name	NRWC E	= 1 (				
Date:	03	Ju1	Y 2012	Field Personnel		et me				
Weather Conditions:	TEMP (	PC):	WIND:	part	PPT:	PPT (in last 24 hrs):				
	POLYGON DESCRIPTION									
				TOPOGRAPHIC F	EATURE	HISTORY				
COMMUNITY	POLYGON: START TIME END TIME:	15	2:00	☐ LACUSTRINE ☐ RIVERINE ☐ BOTTOMLAND ☐ TERRACE ☐ VALLEY SLOPE ☐ TABLELAND ☐ ROLL, UPLAND ☐ CLIFF	☐ TALUS ☐ CREVICE / CAVE ☐ ALVAR ☐ ROCKLAND ☐ BEACH / BAR ☐ SAND DUNE ☐ BLUFF	LYÑATURAL □ CULTURAL				
STAND DESCRIPT	ΓΙΟΝ:									
LAYER	нт	CVR	SPECI (>>MUCH GRE	ES IN ORDER OF D ATER THAN; >GRE	ECREASING DOMI	NANCE OUT EQUAL TO)				
1 CANOPY	-									
2 SUB-CANOPY		· ·								
3 UNDERSTORE	1 51-5	- 4	GRASS	CP. ZDIPF	ULL					
4 GRD. LAYER HT CODES: CVR CODES:			1T≤25m 3=2 <ht≤10 <cvr≤10% 2="10&lt;C&lt;/th"><th></th><th></th><th>0.5m <b>7=</b>HT&lt;0.2m <b>O=</b>not observed</th></cvr≤10%></ht≤10 			0.5m <b>7=</b> HT<0.2m <b>O=</b> not observed				
STANDING SNAGS:			<10	N 10-24	25 - 50	>50				
ABUNDANCE CODES:		N	=NONE R=RARE	O=OCCASIONAL		D=Not observed				
STAND MATURITY:	PIONEER		YOUNG	MID-AGE	MATURE	OLD GROWTH				
VEGETATION TYPE:	Me	ad o	a March	CODE: MAM						
COMP	LEX				CODE					

ABUNDANCE CODES: N=NONE R=RAR	是有的 特尔	L	AYER	This series	DISTANCE	FROM RD.	11.7
SPECIES CODE	建智慧 起食	2	3	4	≤5 m	>5 m	COL
REES:				6.5			1
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			<del> </del>	<del> </del>			
HRUBS:		<del>                                      </del>	+	<del>                                     </del>			
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			<u> </u>				
ROUND:	1, 11						
DIPFULCE			D	D	7	D	
DIPFULCE			0	DR	K	R	
					1	-	
			-				

Wiresource\Internal Info and Teams\FIELD FORMS\Vegetation\ELC\roadside-elc-woodland-wildlife-habitat-form.docx / (DERIVED FROM LEE ET AL., 1998)

(Field Personnel)

Signature:

(Project Manager)

ELC Polygon: # 5-	Asses	ssment Type:	⊡-Visu	ıal; nc	access / 🗆	I-Walk throu	igh feature	·		
Extent of Physical Inv	- /estigatior	າ of Feature:	Q-Enti	re / 🗆	I-Partial, wa	lk through p	olygon <i>(inc</i>	dicate on map)		
Reptile / Bat Hiber	nacula F		□-Y* / [i.e. feat bridge al Contair □-Y* /	tures the abutment ins pot	hat would provents or culverts tential bat hi	In, no acces vide a route un swith cracks/e ibernacula forn, no acces	ss (*if yes, onderground, entry points, leatures? ss (*if yes, o	describe in table including buried c	concrete or row vices or inacti	ck (e.g. foundations, ive animal burrows)]
POTENTIAL HIBER	NACULA	FEATURE(S)	IDENT	TIFIE	D					
UTM			Feature	e Desc	ription		Photo No.	. Spp. O	bserved Usi	ng Feature
<del></del>						<del></del>				
		Attised an arrival birthistone array and a second s	***************************************				<u> </u>		)+1	
- 4 Ph 41 - 1 - 1			1 1111					Barrier Landson		
Bat Roosting Feat		□-Y* / ⊡-Ñ [i.e. tall tree	I / □-Un es with d	nknow open s	surrounding	ss (*if yes, d		table below) acing cavities ~	10m high in	tree]
POTENTIAL BAT RO	1	1				1				
UTM	Tree ID	Tree Spr	ρ. D	DBH	Photo No.	Decay Cla	ass (1-5)	No. of Cavities	Height and	l Type of Cavities
	£									
Stick Nests:			Contai	ne lar	ge stick nes	te?				The state of the s
oliun iteala.			□-Y*/	03-N	/ D-Unknov	n, no acces	s (*if yes,	describe in tabl	e below)	
STICK NEST(S) IDEN	TIFIED		7							
UTM		Tree ID		Tree	Spp.	Nest Size	Photo No	. Spp. C	bserved Us	ing Feature
			<b></b>			-	-			
O (Onvinge Nov	- al Daol		Cantai		/		^			
Seeps/Springs/Ver	nai Poor	5:	Ontair	ns see	eps/springs/ / □-Unknow	vernai poois n, no acces	3'? 3S (*if yes, (	describe in table	e below)	
SEEP / SPRING / VER	NAL POC					10			,	
UTM	Fea	iture No. & Ty	vnei	<b>eature</b> (Diame	Wa.	nter Depth	Photo No.	Sub/Emergen Spp. Prese		ubs/ Logs at Edge Present?
			_							
SPECIES & HABITAT	ORSERV	ATIONS (list	snecies	and (	type of obser	vation & inc	dicata on m			
SI ECIES OF HILDRING	ODOLIC.	ALIOTA	Species	anu	ype or obser	Vation of inc	Heate on a	.ар,	-	
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				1						

Stantec	Stantec Consulting I 1 – 70 Southgate Dry Guelph, ON Canada N1G 4P5 Tel: (519) 836-6050 Fax: (519) 836-2493	Poly 15	S-Z Woodla As	Roadside E nd & Wildli sessment l	ife Habitat
Project Number:	1609502	69	Project Name	NRUC	ELC
Date:	03 July	2012	Field Personnel	A & L	arme
Weather Conditions:	TEMP (°C):	WIND:	CLOUD;	PPT;	PPT (in last 24 hrs):
			POLYGON DES	CRIPTION	
			TOPOGRAPHIC F	EATURE	HISTORY
COMMUNITY	START TIME:	5-2 -110 1120	☐ LACUSTRINE ☐ RIVERINE ☐ BOTTOMLAND ☐ TERRACE ☐ VALLEY SLOPE ☐ TABLELAND ☐ ROLL. UPLAND ☐ CLIFF	☐ TALUS ☐ CREVICE / CAN ☐ ALVAR ☐ ROCKLAND ☐ BEACH / BAR ☐ SAND DUNE ☐ BLUFF	/E EXCULTURAL
STAND DESCRIP	TION:				
LAYER	HT CVR	SPEC	IES IN ORDER OF DEATER THAN; >GRE	ECREASING DO	MINANCE
1 CANOPY	21	SALAL	2A > PN 57	RO	BOUT EQUAL TO)
2 SUB-CANOPY	1 4.	PIC =	PICGLAU	= I ARLE	arc=PINUS
3 UNDERSTORE	Y 4.5 4	GRASS	50775BC	CAMA	, , , ,
4 GRD. LAYER	6-44	GRASS	50.7 SOL	ANA	
VR CODES:	1=>25m 2=10 <h 0=NONE 1=0%&lt;</h 		f0m 4=1 <ht≤2m 5="0.&lt;br">CVR≤25% 3=25<cvr≤< td=""><td>5<ht≤1m <b="">6=0.2<h1 60<b>% 4=</b>CVR&gt;60%</h1 </ht≤1m></td><td>T≤0.5m 7=HT&lt;0,2m N/O=not observed</td></cvr≤<></ht≤2m>	5 <ht≤1m <b="">6=0.2<h1 60<b>% 4=</b>CVR&gt;60%</h1 </ht≤1m>	T≤0.5m 7=HT<0,2m N/O=not observed
TANDING SNAGS:	T.C.	√ <10	N 10-24	25 - 50	>50
BUNDANCE CODES:	N=	NONE R=RAR	E O=OCCASIONAL	A=ABUNDANT	N/O=Not observed
TAND MATURITY:	PIONEER	YOUNG	₩ID-AGE	MATURE	OLD GROWTH
EGETATION TYPE:	Mineral (	'ultural	Meadow	CODE: CUM	۸۱ ا
COMP				CODE:	

Evidence of Disturbance / Notes:

- Scentrops in small pond
(audible) -

LAYERS: 1=CANOPY >10m 2=SUB-CANOPY 3=UNDERSTOREY 4=GROUND (GRD.) LAYER ABUNDANCE CODES: N=NONE R=RARE O=OCCASIONAL A=ABUNDANT D=DOMINANT N/O=Not observed LAYER DISTANCE FROM RD. SPECIES CODE COLL 1 2 3 ≤5 m >5 m 4 TREES: SALALBA 1. Vitellina A - WIND Spruce N N N N N N 0 N SHRUBS: GROUND: D R A Q 0 6

Signature: (Field Personnel)	Quality Control:This form is complete 12 & legible 13.  Signature:  (Project Manager)

ELC Polygon: #) See Extent of Physical Inv	-								cate on map)		
Reptile / Bat Hibernacula Features:  POTENTIAL HIBERNACULA FEATURE(S			Contains potential reptile hibernacula features?  —Y*/ ☐-N / ☐-Unknown, no access (*if yes, describe in table below)  [i.e. features that would provide a route underground, including buried concrete or rock (e.g. foundations, bridge abutments or culverts with cracks/entry points, exposed rock crevices or inactive animal burrows)  Contains potential bat hibernacula features?  —Y*/ ☐-N / ☐-Unknown, no access (*if yes, describe in table below)  [i.e. karst topography, abandoned mines or caves]								
	NACULA F	EATURE(S) ID	ENTIFIE	D							
UTM		Fea	Feature Description				Photo N	0.	Spp. O	bserve	d Using Feature
				***************************************							
Pot Possting Foot		Contains note			-4.			_		*	
Bat Roosting Feat	ures:	Contains poter Q-Y* / Q-N / Q [i.e. tall trees v	J-Unknov	vn, no acc	es	s (*if yes, d	escribe ir cm, side-	<i>ta</i> fac	ble below) ing cavities ~	10m hig	gh in treel
POTENTIAL BAT RO	OSTING I	FEATURE(S) ID									
UTM	Tree ID	Tree Spp.	DBH	Photo N	0.	Decay Cla	ass (1-5)	N	o. of Cavities	Heigh	t and Type of Cavities
AUG.											
			1								
Stick Nests:		Co	ntains la Y* / 囗-N	rge stick n	est	ts? n, no acces	s (*if yes	, de	escribe in table	e belov	v)
STICK NEST(S) IDEN	TIFIED										
UTM		Tree ID	Tree	Spp.		Nest Size	Photo N	ło.	Spp. C	bserve	d Using Feature
Seeps/Springs/Ver	nal Pools	s: Co	ntains se Y* / ⊡-N	eps/spring	gs/v	vernal pools	s? is (*if yes	, de	escribe in table	e belov	<i>y</i> )
SEEP/SPRING/VER	NAL POO										
UTM	Feat	ure No. & Type	Feature (Diam	1 1	Wa	ter Depth	Photo N	0.	Sub/Emergen Spp. Prese	_	Shrubs/ Logs at Edge Present?
SPECIES & HABITAT	OBSERV.	ATIONS (list sp	ecies and	type of ob	ser	vation & inc	dicate on	ma	p)		
											:
											Philips The Philip

CA=carcass: DP=distinctive parts: FE=Feeding evidence; FY=eggs/nest; HO=house/den; OB=observed: SC=scat; SI=other sign; TK=track: VO=vocalization

Stantec Project Number:	Stantec Con 1 – 70 South Guelph, ON Canada N1 Tel: (519) 83 Fax: (519) 8	gate Dri 3 4P5 6-6050	_	As	sessment Fo	Habitat			
Date:		TEMP (°C): WIND: CLOUD: PPT: PPT (in last 24 h							
		POLYGON DESCRIPTION TOPOGRAPHIC FEATURE HISTORY							
ELC COMMUNITY DESCRIPTION 8	POLYGON: START TIME END TIME:	E: \ (	-3 ):20 2:30	☐ LACUSTRINE ☐ RIVERINE ☐ BOTTOMLAND ☐ TERRACE ☐ VALLEY SLOPE ☐ TABLELAND ☐ ROLL. UPLAND ☐ CLIFF	☐ TALUS ☐ CREVICE / CAVE ☐ ALVAR ☐ ROCKLAND ☐ BEACH / BAR ☐ SAND DUNE ☐ BLUFF	EMATURAL  ☐ CULTURAL			
STAND DESCRIP	TION:	CVR	SPEC	IES IN ORDER OF D	DECREASING DOMI	NANCE			
1 CANOPY	2	7	(>>MUCH GRE	ATER THAN; >GRE					
2 SUB-CANOPY		$\frac{2}{2}$	QUEMA		NYLL DECIG	d. 04-0.			
3 UNDERSTORE		U.	COREACE	11 - GONSS		\ ( ( ( )			
4 GRD. LAYER	(a) -1	1./	COLCA	JA / GAAS	spersoll	(V P			
HT CODES: CVR CODES:	1=>25m 0=NONE		T≤25m 3=2 <ht≤1 CVR≤10% 2=10&lt;0</ht≤1 	0m 4=1 <ht≤2m 5="0.0&lt;br">CVR≤25% 3=25<cvr≤< th=""><th>5<ht≤1m 6="0.2&lt;HT≤0&lt;br">60% 4=CVR&gt;60% N/</ht≤1m></th><th>.5m 7=HT&lt;0.2m 0=not observed</th></cvr≤<></ht≤2m>	5 <ht≤1m 6="0.2&lt;HT≤0&lt;br">60% 4=CVR&gt;60% N/</ht≤1m>	.5m 7=HT<0.2m 0=not observed			
STANDING SNAGS:			<10 <10 €	R 10-24	N 25 - 50	>50			
ABUNDANCE CODES:		N	=NONE R=RARE	O=OCCASIONAL	A=ABUNDANT N/C	D=Not observed			
STAND MATURITY:	PIONEER		YOUNG.	√MID-AGE	MATURE	OLD GROWTH			
VEGETATION TYPE: Dry Bur Oa	lc - Sha	gbarl	Hickory'	Tallgrass Woodle	CODE: TPW	1-2			
COMP	LEX				CODE:				

ABUNDANCE CODES: N=NONE R=RARE  SPECIES CODE		LA	YER	N. S. S. L.	DISTANCE	FROM RD.	ODSET VE
	经编建	2	3	4	≤5 m	>5 m	COLL
TREES:	No.					1 17 19 17 17	1004 471
QUEMACR	A	P	0	N	0	Δ	_
CAROVAT	A	A	0	N	0	A	
CAROVAT Other de cidenes p.	A	A	0	N		^	-
V		<b>_</b>		<u> </u>	1 -	7	
0.110.100							
SHRUBS:					1, 1	-	
CORRACE	N	A	A	N	0	A	
GROUND:							
CALCANIA	-	_	1				
CALCANA GRASS SP.	12000		X	X		-D	
DIRECULI		_	A	<i>F</i> .	<del>                                      </del>	#	
SOLCANA			4	A		<u>/-)</u>	
ASCSVIRI	95505	1112	0	0	P.	10	
				F		r~	

Signature:	Quality Control: This form is complete
(Field Personnel)	(Project Manager)

ELC Polygon: #\S	S Asses	ssment Type: ⊟	⊱Visual; n	o access	/ 🗅	-Walk throu	ıgh featur	е			
Extent of Physical Inve	estigation	of Feature:	I-Entire / C	3-Partial,	wal	k through p	oolygon <i>(ii</i>	ndicat	te on map)		
Reptile / Bat Hiberr	[i. br C	-Y* / 2-N e. features t idge abutmo ontains po -Y* / 2-N	/ Q-Unkr hat would ents or culv tential ba / Q-Unkr	proviverts at hil	ide a route u with cracks/ bernacula f	ss (*if yes, nderground entry point eatures? ss (*if yes,	, <i>desa</i> I, inclu s, expo	cribe in table ding buried cosed rock crever cribe in table	oncrete ices or	or rock (e.g. foundations, inactive animal burrows)]	
POTENTIAL HIBERN	ACULA				2012161	Officer Trittios C	n carea <sub>j</sub>				
UTM			ature Desc				Photo N	0.	Spp. O	bserve	d Using Feature
				······································						· · · · · · · · · · · · · · · · · · ·	
		<del>'''''''''''''''''''''''''''''''''''''</del>		***************************************							
	10000-0-500					made I see					
Bat Roosting Featu		Contains pote	□-Unknov with open	vn, no ac surround	ces	s (*if yes, d	<i>lescribe in</i> icm, side-	<i>table</i>	e below) g cavities ~	10m hiç	gh in tree]
POTENTIAL BAT RO				T				1			
UTM	Tree ID	Tree Spp.	DBH	Photo N	NO.	Decay Cl	ass (1-5)	No.	of Cavities	Heigh	t and Type of Cavities
1											
Stick Nests:		C	ontains lar -Y* / ☑-Ñ	rge stick r / 🗆-Unkr	nest	s? n, no acces	ss (*if yes,	, desc	cribe in table	e belov	v)
STICK NEST(S) IDEN	<b>FIFIED</b>										
UTM		Tree ID	Tree	Spp.		Nest Size	Photo N	o.	Spp. O	bserve	d Using Feature
millionition attacking to the contract of the											
						7 B. 100 B.			·		
Seeps/Springs/Verr	al Pool	s: Co	ontains se -Y* / ☑-N	eps/sprin	igs/v	ernal pools	s? ss (*if ves	desc	eribe in table	e helov	/)
SEEP / SPRING / VERI	NAL POO	L FEATURE(S	) IDENTII	FIED		.,	.o ( y oo,	4000	moo m table	201011	,
UTM	Fea	ture No. & Type	Feature (Diame		Wat	ter Depth	Photo No	o. Sub/Emergent Spp. Presen			Shrubs/ Logs at Edge Present?
									***************************************	·····	
**************************************											
SPECIES & HABITAT	ORSERV	ATIONS (list or	ocies and	type of oh	scor	vation & in	dianta an i				
DI LEILS WILLIAM	OBSERV	ATTOMO (not of	occies and	type of ob	7361	vacion & in	uicate oii i	map)			
A=earcass: DP=distinctive	a parter file	- thating and turn	EV-noner	nost LIC	£	atture OD	1	· · · · · · · · · · · · · · · · · · ·	e Charles	1333.1	

Stantec	Stantec Con 1 – 70 South Guelph, ON Canada N10 Tel: (519) 83 Fax: (519) 83	gate Dr 3 4P5 6-6050	HOIY "	Tile 15; F 5-4 Woodla As	Roadside ELG and & Wildlife sessment Fo	Habitat
Project Number:	1609	50'	7.69	Project Name	: NRWC	FLC
Date:	03	34	1/2012	Field Personne		
Weather Conditions:	TEMP (°	. *	WIND:	Cronb:	PPT: Raining	PPT (in last 24 hrs):
			r	POLYGON DES	SCRIPTION	
				TOPOGRAPHIC		HISTORY
COMMUNITY	POLYGON: START TIMI END TIME:	15 = 1	-4 2:30 2:45	☐ LACUSTRINE ☐ RIVERINE ☐ BOTTOMLAND ☐ TERRACE ☐ VALLEY SLOPE ☐ TABLELAND ☐ ROLL, UPLAND ☐ CLIFF	☐ TALUS ☐ CREVICE / CAVE ☐ ALVAR ☐ ROCKLAND	SMATURAL  CULTURAL
STAND DESCRIP	TION:					
LAYER	HT	CVR	/>>MUCH GR	CIES IN ORDER OF I EATER THAN; >GRI	DECREASING DOM	NANCE
1 CANOPY	2	1	QUEMA	CR > FAGE	0 /	JUI EQUAL IO)
2 SUB-CANOPY		3	OUTEM	ACR SMAI	115 6 710	C C 01.1
3 UNDERSTORE	v 4.5	4	T-IPAN	GU CON	55 60 500	SOK (N)
4 GRD. LAYER	1,-1	Ч	GRASS		100,161,50	I CONA
HT CODES: CVR CODES:	1=>25m 0=NONE			10mV 4=1 <ht≤2m 5="0&lt;br">CVR≤25% 3=25<cvr:< th=""><th>.5<ht≤1m 6="0.2&lt;HT≤0&lt;br">\$60% 4=CVR&gt;60% N/</ht≤1m></th><th></th></cvr:<></ht≤2m>	.5 <ht≤1m 6="0.2&lt;HT≤0&lt;br">\$60% 4=CVR&gt;60% N/</ht≤1m>	
STANDING SNAGS:			<10	10-24	25 – 50	N / >50
ABUNDANCE CODES:		N	=NONE R=RAR	RE O=OCCASIONAL	A=ABUNDANT N/	D=Not observed
STAND MATURITY:	PIONEER		YOUNG	MID-AGE	MATURE	OLD GROWTH
VEGETATION TYPE:		wal	Sauchna	h Hedgerow	CODE:HOD/C	<u> 45</u>
COMP	LEX				CODE:	

ABUNDANCE CODES: N=NONE R=RAF		LA	YER	A TABLE	DISTANC	E FROM RD.	137-131
		2	33	4	≤5 m	>5 m	COLL
TREES:			427	1 22	= - = -	Committee of the commit	200
QUEMACE	A	A	0	N.	N/	A	
MALUS JA.	N	A	0	177		/	
FAGGRAN	0	0	Q	N	1 - 1	/	-
OUFMACE MAI US JP. EAGGRAN BLETRIA	R	N	N	N			
SHRUBS:							
CRACOCC	7	0		1		1	
0,4,600	117	)		N	N	K1	
				-	<u> </u>		
			······				
GROUND:	- X	11 = 1			11111		
TYPANGU SOLCANA			2	<u>Α</u> Ο	N/	A	
XOLCAN A			0	0			
GRASS Sp.			A	D	(1		
DIPENE			0				· · · · · · · · · · · · · · · · · · ·
				[			
			J				

Signature: Au R	Qualit <b>S</b>	y Contro ignature	I:This for	<u> </u>	ete 🖯 & legib	le 🗗
(Field Personnel)			, -	(Project	Manager)	

ELC Polygon: #\5-	<del></del> '											
Reptile / Bat Hibernacula Features:			Cor [i.e. brid; Cor	ntains po /* / 🗷-N features to ge abutmentains po /* / 🗹-N	otential /	reptile know ld prov ulverts bat hi know	hibernacul n, no acces ride a route ur with cracks/o bernacula fo	la features is (*if yes, inderground entry points eatures? is (*if yes,	s? describe in tabl	concrete vices or	or rock (e.g. foundations, inactive animal burrows)]	
POTENTIAL HIBER	NACUL	A FEATURE(S				anxunu	oned nimes o	r caves j				
UTM			Feat	ure Desc	ription			Photo No. Spp. Observed Using Feature				
				·····		***************************************					MINISTER STATE OF THE STATE OF	
Bat Roosting Feat		[i.e. tall tre	N/Q es w	-Unknov ith open	vn, no a surrou	acces	s (*if yes, d	escribe in cm, side-	table below) facing cavities ~	10m hi	gh in tree]	
UTM	Tree		· · · · · · · · · · · · · · · · · · ·	DBH	Photo	No.	Decay Cla	ass (1-5)	No. of Cavities	Heigh	t and Type of Cavities	
			<u>.r</u>						7101 01 04111100	1.10.5	value type of Cavilles	
						··········						
										<u> </u>		
Stick Nests:			Cor	ntains lar ∕* / ᡌ-N	ge stic / <b>□</b> -Un	k nest	ts? n, no acces	s (*if yes,	describe in tabl	e belov	v)	
STICK NEST(S) IDEN	VITELEL	Tree ID	T	Tree	Spp.		Nest Size	Photo N	o Spp (	Thearwo	d Using Facture	
O E IVE		Titte ID	+	1100	орр.		14est Size	Inoton	o. Spp. v	Spp. Observed Using Feature		
			Т									
Seeps/Springs/Ver			□-Y	*/ 8-N	/ 🗀-Un	rings/ know	vernal pools n, no acces	s? s (*if yes,	describe in tabl	e belov	()	
SEEP / SPRING / VER	RNAL PO	OOL FEATUR		DENTI	FIED							
UTM	F	Feature No. & T	уре	Feature (Diame		Wa	ter Depth	Photo No	Sub/Emerger Spp. Prese	-	Shrubs/ Logs at Edge Present?	
		***************************************								······································		
***************************************												
SPECIES & HABITAT	Γ OBSEI	RVATIONS (lis	st spe	cies and	type of	obser	vation & inc	licate on r	nap)			
-					· · · · · · · · · · · · · · · · · · ·							
											# 1 <sup>2</sup>	
											2 2 6=	

Stantec	Stantec Cor 1 – 70 South Guelph, ON Canada N10 Tel: (519) 83 Fax: (519) 83	gate Dri 3 4P5 6-6050	Ltd. Call. 7 Poly 15	Tile 15; F -5 Woodla As	Roadside EL0 nd & Wildlife sessment Fo	C, Habitat orm
Project Number: Date:	1609	50: Jul	269 y 2012	Project Name Field Personnel	NRWC E A. Ducho	
Weather Conditions:	TEMP (S		wind:	Pan-	PPT:	PPT (in last 24 hrs):
			9	POLYGON DES	CRIPTION	
				TOPOGRAPHIC F		HISTORY
COMMUNITY	POLYGON: START TIME:	l	S-5 12:45 13:00	☐ LACUSTRINE ☐ RIVERINE ☐ BOTTOMLAND ☐ TERRACE ☐ VALLEY SLOPE ☐ TABLELAND ☐ ROLL. UPLAND ☐ CLIFF	☐ TALUS ☐ CREVICE / CAVE ☐ ALVAR ☐ ROCKLAND ☐ BEACH / BAR ☐ SAND DUNE ☐ BLUFF	EMÁTURAL □ CULTURAL
STAND DESCRIPT	TION:					
LAYER	нт	CVR	SPECI	S IN ORDER OF D	ECREASING DOM	NANCE
1 CANOPY	2	3	COLGO	ATER THAN; >GRE	ATER THAN; = ABO	OUT EQUAL TO)
2 SUB-CANOPY	3	4	CORRACT	=>CRACO	C > FACE	RANTHUM
3 UNDERSTORE	r 4.5	Lf	GRASS SO	77 SOLCA	NA TORR	1-112 / 1
4 GRD. LAYER	(p + +	4	GRASS 5	0->> SOLC	()	ull
T CODES: CVR CODES:			1T≤25m <b>3=</b> 2 <ht≤10 <cvr≤10<b>% 2=10<c< td=""><td>m 4=1<ht≤2m <b="">5=0. √R≤25% <b>3=</b>25<cvr≤< td=""><td>5<ht≤1m 6="0.2&lt;HT≤0&lt;br">60% 4=CVR&gt;60% N/</ht≤1m></td><td></td></cvr≤<></ht≤2m></td></c<></cvr≤10<b></ht≤10 	m 4=1 <ht≤2m <b="">5=0. √R≤25% <b>3=</b>25<cvr≤< td=""><td>5<ht≤1m 6="0.2&lt;HT≤0&lt;br">60% 4=CVR&gt;60% N/</ht≤1m></td><td></td></cvr≤<></ht≤2m>	5 <ht≤1m 6="0.2&lt;HT≤0&lt;br">60% 4=CVR&gt;60% N/</ht≤1m>	
STANDING SNAGS:			ρ <10	N 10 - 24	25 - 50	>50
BUNDANCE CODES:		N	=NONE R=RARE	O=OCCASIONAL	A=ABUNDANT N/	D=Not observed
TAND MATURITY:	PIONEER	4	YOUNG	MID-AGE	MATURE	OLD GROWTH
EGETATION TYPE:	Cult	wal	Woodland	Hedgerou	CODE: HOD/	CUWI
COMP	LEX				CODE:	

LAYERS: 1=CANOPY >10m 2=SUE ABUNDANCE CODES: N=NONE R=RAI  SPECIES CODE		LA	YER	PATTER.	DISTANC	E FROM RD	THE TOTAL
		2	3	<b>潜</b> 4章	≤5 m	>5 m	COLL
TREES:	44	E3351					
FAGGRAN	D	0	N	N	N	/A-	
CAROVAT							
SHRUBS:							
CRACOCC	7	4	0	N	N	A	<b>-</b>
CRACOCC CORRACE RHUTYPH	N	D		-	10		
RHUTYPH	N	0	A (i)	N			
		<del></del>		ļ			
GROUND:	11.1						
GRASS Spi			1	7	1.0	V	
SOLCANA		-		D	N.	1	
DIPFULL			FP <sub>2</sub>	0	<del>- 1</del> ),		
			5 4	1,500			
						-	
						-	

Signature:	Quality Control:This form is complete
(Field Personnel)	(Project Manager)