			1										
ELC Polygon: #32 -	y Assess	ment Type:	<b>V</b> i-∨i	isual; no	access	/ 🗆-	Walk throu	gh feature	е				
Extent of Physical In	<del>'</del> vestigatìon (	of Feature:	O-Eı	ntire / 🗖	-Partial,	wall	k through p	olygon <i>(ir</i>	ndica	ate on map)			
Reptile / Bat Hibe	rnacula Fe		□-Y' [i.e. f bridge Cont □-Y'	* / 12-N / catures the abutmentains pot * / 12-N /	' □-Unki nat would nts or cub tential ba ' □-Unki	nowr proviverts at hik nowr	ide a route ur with eracks/c pernacula fe	s (*if yes, iderground entry points eatures? s (*if yes,	des , incl s, exp		onerete ( ices or i	or rock (e.g. foundations, nactive animal burrows)]	
POTENTIAL HIBER	NACULA F							,					
UTM			Feature Description					Photo N	0.	Spp. O	bserved	l Using Feature	
		***************************************			***************************************	······································	<del></del>			***************************************			
Bat Roosting Fea			/ 🔲- s wil	Unknow th open	n, no ac surround	cces	s (*if yes, d			le below) ng cavities ~	10m híç	gh in tree]	
POTENTIAL BAT R	1	7	_				l	-	1				
UTM	Tree ID	Tree Sp	).	DBH	Photo	No.	Decay Cla	ass (1-5)	No	No. of Cavities Height a		eight and Type of Cavities	
		<del></del>		·			i.		!				
Stick Nests:		50	Con -Y	tains <b>/</b> ar * / 🗹-N	ge stick / □-Unk	nest	ts? n, no acces	ss (*if yes,	, des	scribe in table	e below	<i>(</i> )	
STICK NEST(S) IDE							T	T					
UTM		Tree ID		Tree	Spp.		Nest Size	Photo N	0.	Spp. C	bserve	bserved Using Feature	
		*											
Seeps/Springs/Ve	rnal Pools	<b>;</b>	Con	tains se	eps/spri	ngs/v	vernal pools	s? ss (*if ves.	des	scribe in table	e below	<i>(</i> )	
SEEP / SPRING / VE	RNAL POO	L FEATURE					.,,	( x ),			2	,	
UTM	Feat	ture No. & T	pe	Feature (Diame		Wa	ter Depth	h Photo No.		Sub/Emergent Veg. Spp. Present?		Shrubs/ Logs at Edge Present?	
							······································		_				
SPECIES & HABITA	TOPERDY	ATIONS (E.		.:		<b>.</b>		3:4					
SI ECIES & HABITA	II ODSERV	ATTONS (IIS	spe	cies and	type of o	obser	vation & in	dicate on	тар	)			
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Guelph, ON Canada N1G 4P5

# Stantec Consulting Ltd. Coll . Tile 32', Roadside ELC, Woodland & Wildlife Habitat **Assessment Form**

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

Jeannet								
Project Number:	16095026	,9	Project Name: NRWC					
Date	June 27		Field Personnel: N. Clya Chor					
	TEMP (°C):	WIND:	CLOUD;	PPT:	PPT (in last 24 hrs)			
Veather Conditions:	20	2-3	90%		Peter			

### **POLYGON DESCRIPTION**

		TOPOGRAPHIC F	EATURE	HISTORY
ELC	POLYGON: 32-5	☐ RIVERINE	CREVICE / CAVE	BNATURAL CONTROL
COMMUNITY	START TIME: 3:45	☐ TERRACE ☐ VALLEY SLOPE	☐ ROCKLAND ☐ BEACH / BAR	CULTURAL
DESCRIPTION & CLASSIFICATION	END TIME:		☐ SAND DUNE ☐ BLUFF	

### **STAND DESCRIPTION:**

	LAYER	нт	CVR		ES IN ORDER OF I ATER THAN; >GRE		MINANCE BOUT EQUAL TO)			
1	CANOPY						•			
2	SUB-CANOPY									
3	UNDERSTOREY									
4	GRD. LAYER	5-7	4	TYPANO	-U>PHAAK	Zun > (94)	lium (p			
	CODES: R CODES:			HT≤25m <b>3=</b> 2 <ht≤10< th=""><th>0m 4=1<ht≤2m 5="0&lt;br">:VR≤25% 3=25<cvr:< th=""><th>.5<ht≤1m <b="">6=0,2<h< th=""><th>T≤0,5m <b>7=H</b>T&lt;0,2m</th></h<></ht≤1m></th></cvr:<></ht≤2m></th></ht≤10<>	0m 4=1 <ht≤2m 5="0&lt;br">:VR≤25% 3=25<cvr:< th=""><th>.5<ht≤1m <b="">6=0,2<h< th=""><th>T≤0,5m <b>7=H</b>T&lt;0,2m</th></h<></ht≤1m></th></cvr:<></ht≤2m>	.5 <ht≤1m <b="">6=0,2<h< th=""><th>T≤0,5m <b>7=H</b>T&lt;0,2m</th></h<></ht≤1m>	T≤0,5m <b>7=H</b> T<0,2m			
3T/	ANDING SNAGS:	N		<10	10 – 24	25 - 50	>50			
IBL	INDANCE CODES:		N	=NONE R=RARE	O=OCCASIONAL	A=ABUNDANT	N/O=Not observed			
ST/	AND MATURITY:	PIONEER	2	YOUNG	MID-AGE	MATURE	OLD GROWTH			
/E(	GETATION TYPE:	catt	cul	mineral she	illow marsh	CODE: MA	2-1			
$\Box$	COMPL	.EX		CODE:						

**Evidence of Disturbance / Notes:** 

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

ABUNDANCE CODES: N=NONE R=RARE O=		LAYER		DISTANCE	COLL.		
SPECIES CODE	1	2	3	4	≤5 m	>5 m	COLL
TREES:	769	经底层	STATE OF	, This	HATTER TO		2,170
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	<del>                                     </del>						
		1					
SHRUBS:	Policycly	38/625	See le	2500	<b>州景台成</b>	Maria	_68
							ļ
					-		
	<del> </del>	-		-	-	-	
		<u> </u>	-		<b>_</b>		
	-			-			<del>                                     </del>
	-	<del>                                     </del>		+	<del> </del>		$\vdash$
					1		
GROUND:		95784	dist.		TOTAL MAINTE		e GP
PHAARUN				A-0			
TYPANGU				A			
Galium	-	<del>                                     </del>		0			_
PARIVSE		-		D R R	-		
PHAHRUN TYPANGU Galium PARINSE EKIGERON ASCSYRI				R		<del></del>	
42C) 7K1		<del>                                     </del>	-	+14	1	_	<del>                                     </del>
	<del>                                     </del>	<del>                                     </del>					$\vdash$
	1			1	1		
	1						

Signature:	ullareth
V	(Field Personnel)

Quality Control This form is complete & legible Signature:

(Project Manager)

ELC Polygon: #32-	5 Asses	ssment Type: §	√a-Visual; no	o access	s / 🔲-	Walk throu	gh feature	)			
Extent of Physical Inv											
Reptile / Bat Hiber	nacula F	[ ] h: C	i.e. features to oridge abutmo Contains po □-Y* / ☑-N	/ Q-Unk hat would ents or en htential b / Q-Unk	(nowr I prov Iverts pat hik (nowr	n, no acces ide a route ur with cracks/o pernacula fe n, no acces	s (*if yes, aderground, entry points eatures? s (*if yes,	describe in table including buried	concrete vices or i	or rock (e.g. foundations, nactive animal burrows)]	
[i.e. karst topography, abandoned mines or caves]  POTENTIAL HIBERNACULA FEATURE(S) IDENTIFIED											
UTM		I	Feature Desc	ture Description			Photo No	Spp. (	bserved	l 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 RO	OSTING				umg	s, DDH ~20	CIII, SIUE-I	acing cavilles ~	10111 1110	jii iii tieej	
UTM	Tree ID	1	· · · · · · · · · · · · · · · · · · ·	Photo	No.	Decay Cla	ass (1-5)	No. of Cavities	Heigh	t and Type of Cavities	
4.00											
Stick Nests:			Contains /a □-Y* / ☑-N	rge stick / □-Unl	nest know	s? n, no acces	s (*if yes,	describe in tab	le below	<i>'</i> )	
STICK NEST(S) IDEN	TIFIED	TO TO					T = 1				
UTM		Tree ID	Tree	Spp.		Nest Size	Photo N	o. Spp. (	)bserve	d Using Feature	
Seeps/Springs/Vei	rnal Poo	ls:	Contains se □-Y* / □-N	eeps/spr	ings/	vernal pools	s? s (*if ves.	describe in tab	le below	()	
SEEP / SPRING / VEF	RNAL PO										
UTM	Fe	ature No. & Ty	pe Featur (Diam		Wa	ter Depth	Photo No	Sub/Emerge Spp. Pres		Shrubs/ Logs at Edge Present?	
					***************************************						
SPECIES & HABITA	T OBSER	VATIONS (list	species and	type of	obser	vation & inc	dicate on r	nap)			
	<del> </del>			31							
										, 1	
										* dis	

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	116	
٩	11/2	

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

Fax: (519) 836-2493

HT

CVR

# Stantec Consulting Ltd. Coll. Tike 32, Roadside ELC, **Woodland & Wildlife Habitat Assessment Form**

 ч	#	-

Project Name: NRM/ Project Number: Field Personnel: N. Char ton Date: TEMP (°C): PPT: CLOUD: PPT (in last 24 hrs): WIND: **Veather Conditions:** 2-3 90% 20 RUIN

### **POLYGON DESCRIPTION**

SPECIES IN ORDER OF DECREASING DOMINANCE

(>>MUCH GREATER THAN; >GREATER THAN; = ABOUT EQUAL TO)

		TOPOGRAPHIC'F	EATURE	HISTORY
ELC	POLYGON: 32-6 START TIME: 3:50 END TIME:	☐ LACUSTRINE ☐ RIVERINE ☐ BOTTOMLAND ☐ TERRACE ☐ VALLEY SLOPE ☐ TABLELAND	☐ TALUS ☐ CREVICE / CAVE	⊠ NATURAL □ CULTURAL
Santa Santa		CLIFF		

## **STAND DESCRIPTION:** LAYER

1	CANOPY			ļ						
2	SUB-CANOPY									
3	UNDERSTOREY									
4	GRD. LAYER	5-7	4	PHA	ARUN	)				
	IT CODES:       1=>25m       2=10 <ht≤25m< th="">       3=2<ht≤10m< th="">       4=1<ht≤2m< th="">       5=0.5<ht≤1m< th="">       6=0.2<ht≤0.5m< th="">       7=HT&lt;0.2m         :VR 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<>									
iT.	ANDING SNAGS:		ŀ		<10	10 – 24	25 -	-50	>50	
B	INDANCE CODES:		N	=NONE	R=RARE	O=OCCASIONAL	A=ABUNDA	NT N/O=1	Not observed	
šT,	AND MATURITY:	PIONEER		YOUN	iG	MID-AGE	MATURE		OLD GROWTH	
Æ	reed canan gras miner medow marsh CODE: MAM 2-2									
٦	COMPLEX CODE:									

Evidence of Disturbance / Notes:

borderline delineation - just over Im on each side

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

Signature:/

Quality Control: This form is complete 2 & legible 4

Signature:

(Project Manager)

ELC Polygon: #22 _	Asses	sment Type:	☑-Vi	sual; no	acces	s / 🖵-	·Walk throu	gh feature	)				
	Δ									ate on map)			
Reptile / Bat Hiber	nacula F		□-Y* [i.e. fi bridge Cont □-Y*	' / ☑-N / catures the abutmen ains pot ' / ☑-N /	u-Unlat would nts or or ential to u-Unl	knowr d provi ilverts oat hit knowr	n, no acces ide a route ur with eracks/c pernacula fe n, no acces	s (*if yes, aderground, entry points eatures? is (*if yes,	des incl exp	uding buried coosed rock crev	onerete di ices or i	or rock (e.g. for nactive animal	undations. burrows)]
POTENTIAL HIBER	NACULA I	FEATURE(S)	IDE	NTIFIE	)								
UTM			Featı	ire Desc	ription			Photo No	).	Spp. O	bserved	Using Featur	·e
						***************************************			_		······································		
					······································	***************************************							
		□-Y* / ☑-N [i.e. tall tree	/ 🔲 - es wit	Unknow h open	n, no a surroui	acces	s (*if yes, d	<i>escribe in</i> icm, side-	<i>tab</i> facir	le below) ng cavities ~'	10m hig	gh in tree]	
	T	1		1			T =						
UTM	Tree ID	Tree Sp	p.	DBH	Photo	No.	Decay Cla	ass (1-5)	No.	of Cavities	Height	t and Type of	Cavities
Stick Nests:			Con □-Y	tains lar * / ဩ-N	ge sticl / □-Un	k nest know	ts? n, no acces	ss (*if yes,	des	scribe in table	e below	)	
	TIFIED		1				1	т					
UTM		Tree ID		Tree	Spp.		Nest Size	Photo N	0.	Spp. C	bserve	d Using Featu	re
700			<u> </u>										
													······
Seeps/Springs/Ver	rnal Pool	s:	Con	tains se	eps/spi	rings/	vernal pools	s?					
SEEP/SPRING/VEI	RNAL POO	OL FEATURE				know	n, no acces	ss (*if yes,	des	scribe in table	e below	<u>')</u>	
UTM				Feature	Size	Wa	ter Depth	Photo No	). <sup>(</sup>				
											***************************************		:
SPECIES & HABITA	tof Physical Investigation of Features:    Contains potential reptile hibernacula features?   Charles potential provide a route underground, including buried concrete or rock (e.g. foundations bridge abunykis or culvers with eracksferny points, exposed rock crevices or inactive animal burnows)   Contains potential bat hibernacula features?   Charles potential bat hibernacula features?   Charles potential bat hibernacula features?   Charles potential bat possibly, abundoned mines or cases ("if yes, describe in table below)   (i.e. karst topography, abundoned mines or cases)   Charles potential bat roosting features?   Charles potential bat ro												
													163
													3 16
													330

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

POLYGON DESCRIPTION  TOPOGRAPHIC FEATURE POLYGON: 32 - 7   CACUSTRINE CREVICE / CAVE COMMUNITY DESCRIPTION & COMMUNITY DESCRIPTION & CLASSIFICATION  LAYER HT CVR SPECIES IN ORDER OF DECREASING DOMINANCE 1 CANOPY 2 3 (WERNER) CREVICE / CAVE CANOPY 3 WILL SPECIES IN ORDER OF DECREASING DOMINANCE 1 CANOPY 2 3 (WERNER) CREVICE / CAVE CANOPY 3 WILL SPECIES IN ORDER OF DECREASING DOMINANCE CANOPY 2 3 WERNER CREATER THAN; = ABOUT EQUAL TO CANOPY 3 WILL AMERICAN CREATER THAN; = ABOUT EQUAL TO CANOPY 3 WILL AMERICAN CARROLL SPECIES IN ORDER OF DECREASING DOMINANCE CANOPY 2 SUB-CANOPY 3 WILL AMERICAN CARROLL SPECIES IN ORDER OF DECREASING DOMINANCE CANOPY 2 SUB-CANOPY 3 WILL AMERICAN CARROLL SPECIES IN ORDER OF DECREASING DOMINANCE CANOPY 3 WILL AMERICAN CARROLL SPECIES IN ORDER OF DECREASING DOMINANCE CANOPY 3 WILL AMERICAN CARROLL SPECIES IN ORDER OF DECREASING DOMINANCE CANOPY 3 WILL AMERICAN CARROLL SPECIES IN ORDER OF DECREASING DOMINANCE CANOPY 3 WILL AMERICAN CARROLL SPECIES IN ORDER OF DECREASING DOMINANCE CANOPY 3 WILL AMERICAN CARROLL SPECIES IN ORDER OF DECREASING DOMINANCE CODES: 1=>25m 2=10+HTS25m 3=2+HTS10m 4=1+HTS2m 5=0.5+HTS1m 6=0.2+HTS0.5m 7=HT<0.2m 1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-	G GG Ca	antec Con 70 South uelph, ON anada N10 kl. (519) 83 ix: (519) 83	gate Driv 6 4P5 6-6050	. Roly 7		oadside EL0 nd & Wildlife sessment Fo	Habitat						
Field Personnel: N. CAQ FOR PPT: PPT (in last 24 hrs PPT (in last	Project Number: /	68950	526	9	Project Name:	NRWC.							
POLYGON DESCRIPTION  TOPOGRAPHIC FEATURE  POLYGON: 32 - 7	Date: June 27 Field Personnel: N. Charlton												
TOPOGRAPHIC FEATURE    CANUSTRINE   CREVICE / CAVE   CAVE	Vanthan Candidana												
ELC  COMMUNITY DESCRIPTION:  LAYER  HT  CANOPY  SUB-CANOPY  SUB-CA	POLYGON DESCRIPTION												
RIVERINE BOTTOMLAND TERRACE VALLEY SLOPE TABLELAND ROCKLAND BEACH / BAR SAND DUNE START TIME:  CASSIFICATION  START TIME:  CASSIFICATION  TO D  CALSSIFICATION  START TIME:  CASSIFICATION  TABLELAND ROCKLAND BEACH / BAR SAND DUNE SAND DUNE BLUFF  STAND DESCRIPTION:  CANOPY  CANO													
LAYER  HT CVR SPECIES IN ORDER OF DECREASING DOMINANCE (>>MUCH GREATER THAN; > GREATER THAN; = ABOUT EQUAL TO)  1 CANOPY  2 SUB-CANOPY  3 UNDERSTOREY  4 GRD. LAYER  5-7 4 SOLUDA FO GRASS  IT CODES:  1=>25m 2=10 <hts25m 0="NONE" 1="0%&lt;CVRs10%" 2="10&lt;CVRs25%" 3="25&lt;CVRs60%" 4="CVR" 5="0.5&lt;HTs1m" 6="0.2&lt;HTs0.5m" 7="HT&lt;0.2m">60% N/O=not observed  STANDING SNAGS:  R &lt;10</hts25m>	POLYGON: 32 -7     LACUSTRINE   CREVICE / CAVE   CAVE												
CANOPY   Z   3   WERUGR   SOUTH   SO	TAND DESCRIPTI	ON:											
2 SUB-CANOPY 3 3 ULMAMER > CAROVAT  3 UNDERSTOREY  4 GRD. LAYER 5-7 4 SOLL DA (-) 7 GRASS  IT CODES: 1=>25m 2=10 <hts25m 1="0%&lt;CVRs10%" 2="10&lt;CVRs25%" 3="25&lt;CVRs60%" 4="CVR" 5="0.5&lt;HTs1m" 6="0.2&lt;HTs0.5m" 7="HT&lt;0.2m" o="NONE">60% N/O=not observed  STANDING SNAGS: R=RARE 0=0CCASIONAL A=ABUNDANT N/O=Not observed  STAND MATURITY: PIONEER YOUNG MID-AGE MATURE OLD GROWTH  VEGETATION TYPE:</hts25m>	LAYER	нт	CVR										
UNDERSTOREY		2				ALKA = ACE	SASA						
GRD. LAYER   5-7	2 SUB-CANOPY	3	3	ULMAME	2>CAROVAT								
T CODES:	UNDERSTOREY												
VR CODES:		1-	4										
BUNDANCE CODES:  N=NONE R=RARE O=OCCASIONAL A=ABUNDANT N/O=Not observed  STAND MATURITY: PIONEER YOUNG MID-AGE MATURE OLD GROWTH	IT CODES: :VR CODES:												
STAND MATURITY: PIONEER YOUNG MID-AGE MATURE OLD GROWTH	TANDING SNAGS:			R <10	<b>R</b> 10 – 24	O 25 – 50	>50						
EGETATION TYPE: CODF:	BUNDANCE CODES:		N	=NONE R=RARE	O=OCCASIONAL	A=ABUNDANT N	O=Not observed						
Fresh Most Oak-Syar Maple Recidnous Forest CODE: FOD 9-1	TAND MATURITY:	PIONEER		YOUNG	MID-AGE	MATURE	OLD GROWTH						
	/EGETATION TYPE: CODE:												

Evidence of Disturbance / Notes:

VISIBILITY to interior low, can only
see alon from road

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

ABUNDANCE CODES: N=NONE R=RARE O		LA'	YER	10.45	DISTANCE	FROM RD.	COLL
SPECIES CODE	1	2	3	4	≤5 m	>5 m	COLL
REES:			1,4		150000		
QUERUBIZ QUEALBA	A					V	
QUEALBA	0-R				V		
ASTV124		R			~		
ACESA SA ULMAMER	0-R				1	1	
ULMAMER		0					
CAROVAT		0					
11.04506-124.00000							
SHRUBS:						H I II.	170
HAMVIRG		R	1.		V		
DIELONI		R		0	/		
	A76)						
GROUND:	E Say	1	F		411,5		V E F
80LIDA60				A	V,		
PTEAQUI				A	//		
GRASS				A			

Signature: MULL Color (Field Personnel)

Quality Control This form is complete 2 & legible 2.

gnature:

(Project Manager)

ELC Polygon: #32-	Asses	sment Type: 🛈-\	/isual; no	acces	s / 🗅	-Walk throu	igh featur	е		
Extent of Physical Inv	- estigation	of Feature: □-E	Entire / 🗖	l-Partia	l, wal	k through p	olygon <i>(ir</i>	ndicate on map)		
Reptile / Bat Hiber	nacula F	□-\ [i.e. brid Cor □-\	(* / □-N / features the ge abutme ntains pot (* / □-N /	/ ☑-Un nat woul nts er cu tential I / □-Un	knowid provilverts bat hilknowi	ide a route ui with cracks/o bernacula f	is (*if yes, inderground entry points eatures? is (*if yes,	describe in table, including buried of	oncrete rices or	or rock (e.g. foundations, inactive animal burrows)]
POTENTIAL HIBERY	NACULA I	FEATURE(S) IDI	ENTIFIE	D						
UTM		Fear	ture Desc	ription			Photo N	o. Spp. C	bserve	d Using Feature
					***************************************					
Bat Roosting Feat			<b>I-Unknow</b> ith open	vn, no a surrou	acces	s (*if yes, d	lescribe in	<i>table below)</i> facing cavities ∼	10m hi	gh in tree]
UTM	Tree 1D		DBH	Photo	No.	Decay Ci	ass (1-5)	No. of Cavities	Heigh	t and Type of Cavities
									1	
Stick Nests:		Co	ntains lar Y* / ロ-N	ge stic / ☑-Ur	k nes know	ts? n, no acces	ss (*if yes,	, describe in tabl	e belov	v)
STICK NEST(S) IDEN	TIFIED	7 ID	- T							
. UTM		Tree ID	Tree	Spp.		Nest Size	Photo N	o. Spp. C	)bserve	d Using Feature
							3.5			
Seeps/Springs/Ver	rnal Pool	ls: Co	ntains se Y* / ロ-N	eps/sp	rings/ know	vernal pool	s? ss (*if ves.	, describe in tabl	e belov	v)
SEEP / SPRING / VEF	RNAL POO									- /
UTM	Fea	iture No. & Type	Feature (Diame		Wa	ter Depth	Photo No	o. Sub/Emerger Spp. Prese		Shrubs/ Logs at Edge Present?
				***************************************					++++++++++++++++++++++++++++++++++++++	
SPECIES & HABITA	T OBSEDA	ATIONS (list see	naise and		o brow	ration & in	diasta an			
SI ECIES & HABITA	I OBSER	ATTONS (list spi	ccies and	type or	ODSEL	vation & in	ulcate on	шар)		
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with our output the fulliment	rew fame cor 1.1	" reserve paracilee.	· * · · · · · · · · · · · · · · · · · ·	trost 11	" HOU	owner One	CONTRACTOR	c "acar, or "other Si	:EIIII\"	rock a OAnchiismini



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20.00	Y G
	Stantec
	Project Number:

Weather Conditions:

Stantec Consulting Ltd. Coll. Tike
1 – 70 Southgate Drive
Guelph, ON
Canada N1G 4P5

# ' Roadside ELC, **Woodland & Wildlife Habitat Assessment Form**

PPT (in last 24 hrs):

	Carlada 1410 415	
	Tel: (519) 836-6050	
the	Fax: (519) 836-2493	
itec		
		-

HT CVR

Project Name: NRWC Field Personnel: N.C

TEMP (°C): WIND: CLOUD 2-3 90

### **POLYGON DESCRIPTION**

SPECIES IN ORDER OF DECREASING DOMINANCE

		TOPOGRAPHIC FEATURE	HISTORY
COMMUNITY	POLYGON: 33 - 1 START TIME: 2:00 END TIME: 2:15	□ LACUSTRINE □ TALUS □ RIVERINE □ CREVICIO □ BOTTOMLAND □ ALVAR □ TERRACE □ ROCKLA  Ø VALLEY SLOPE □ BEACH / □ TABLELAND □ SAND DI □ ROLL: UPLAND □ BLUFF	CULTURAL ND BAR

## STAND DESCRIPTION: LAYER

l		'''	••••	(>>MUCH GREA	TER THAN; >GRE	ATER THAN; = A	ABOUT EQUAL TO)
1	CANOPY	3	3	ERAPEN	N		
2	SUB-CANOPY	4	2	FRAPENN >			
3	UNDERSTOREY	1,			,	,	,
4	GRD. LAYER	5-7	4	SOLL DAGO	>GRASSE	5 27 Cent	Turch
HT	CODES:	1=>25m	<b>2</b> ≖10<⊦	HT≤25m <b>3=</b> 2 <ht≤10< td=""><td>m 4=1<ht≤2m 5="0.&lt;/td"><td>5<ht≤1m <b="">6=0.2<h< td=""><td>IT≤0.5m <b>7=</b>HT&lt;0.2m</td></h<></ht≤1m></td></ht≤2m></td></ht≤10<>	m 4=1 <ht≤2m 5="0.&lt;/td"><td>5<ht≤1m <b="">6=0.2<h< td=""><td>IT≤0.5m <b>7=</b>HT&lt;0.2m</td></h<></ht≤1m></td></ht≤2m>	5 <ht≤1m <b="">6=0.2<h< td=""><td>IT≤0.5m <b>7=</b>HT&lt;0.2m</td></h<></ht≤1m>	IT≤0.5m <b>7=</b> HT<0.2m
CV	R CODES:	0=NONE	1=0%	<cvr≤10% 2="10&lt;C&lt;/td"><td>VR≤25% 3=25<cvr≤< td=""><td>60% 4=CVR&gt;60%</td><td>N/O=not observed</td></cvr≤<></td></cvr≤10%>	VR≤25% 3=25 <cvr≤< td=""><td>60% 4=CVR&gt;60%</td><td>N/O=not observed</td></cvr≤<>	60% 4=CVR>60%	N/O=not observed
ST.	ANDING SNAGS:			V <10	10 – 24	W 25 - 50	>50
ABI	UNDANCE CODES:		N	=NONE R=RARE	O=OCCASIONAL	A=ABUNDANT	N/O≍Not observed
ST	AND MATURITY:	PIONEER		YOUNG	MID-AGE	MATURE	OLD GROWTH

VEGETATION TYPE: COMPLEX CODE:

CODE:

**Evidence of Disturbance / Notes:** 

(10 m tall)

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		LA	/ER	DISTANCE	COLL.		
SPECIES CODE	1	2	3	4	≤5 m	>5 m	USEL
REES:	-A. 100	100	É. A.	130	F-934-77		
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CORTON (gray)		P	6	1			<del>                                     </del>
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Centaurea				R		L-/	
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Quality Control, This form is/complete

									Wildli	fe Habitat Assessment Form
ELC Polygon: #33-1	Asses	ssment Type:	₩-Vi	isual; no	access / 🗆	-Walk throu	gh feature	e		
Extent of Physical Inv	- estigation	n of Feature:	<b>□</b> -Er	ntire / 🗖	-Partial, wal	k through p	olygon <i>(in</i>	dicate on map)		
Reptile / Bat Hiber	nacula F		□-Y* [i.e. for bridge Contact □-Y*	* / Q-N / catures the abutmentains/pote * / Q-N /	/ ☑-Unknownat would provents or culverts tential bat hide / □-Unknow	n, no acces /ide a route ur with cracks/c bernacula for n, no acces	is (*if yes, oderground, entry points eatures? is (*if yes,	describe in table, including buried of exposed rock creating.	concrete d	or rock (e.g. foundations, inactive animal burrows)]
POTENTIAL HIBER	NACULA	<del></del>								
UTM							Photo No	o. Spp. O	bserved	l Using Feature
		MANAPANSARI F 19188A1 5085A188107007 2-11777247004 TVVVVV	<del></del>						<del></del>	
		□-Y* / □-N [i.e. tall tree	। / <b>प्र</b> -। es wit	Unknow th open	vn, no acces surrounding	s (*if yes, d	escribe in	table below) facing cavities ~	10m hiç	gh in tree]
	7			1		Decay Cle	200 (1.5)	No of Cavities	Haigh	4 and Tune of Cavities
UIII	11cc in	11tc op	3.	DDII	riioto 140.	Decay Ca	188 (1-5)	No. 01 Cavilles	Heigin	t and Type of Cavilles
Stick Nests: STICK NEST(S) IDEN	NTIFIED		Cont □-Y	tains lar * / ロ-N	ge stick nes / ☑-Unknow	ts? /n, no acces	s (*if yes,	describe in tabl	e below	/)
UTM		Tree ID		Tree	Spp.	Nest Size	Photo N	o. Spp. (	bserve	d Using Feature
			<u> </u>							
			□-Y'	* / 🗅-N	/ Ճ-Unknow	vernal pools	s? ss (*if yes,	describe in tabl	e below	()
SEEP / SPRING / VEI							T .	0.145		Har a day of Fig.
UTM	Fe	ature No. & Ty	pe	(Diame	ster) Wa	ter Depth	Photo No	Sub/Emerger Spp. Prese	nt Veg.	Shrubs/ Logs at Edge Present?
		***************************************	-	***************************************		· · · · · · · · · · · · · · · · · · ·			-	
						<del></del>				
ODECIES & HADITA	TARED	TATIONS (In		' and	·	4* 0. 1	** 4			
SPECIES & HADITA	Int of Physical Investigation of Features:    Contains potential reptile hibernacula features?   Cy* / Ch.N / 25-Unknown, no access (*if yes, describe in table below)   Experimental bat hibernacula features?   Cy* / Ch.N / 25-Unknown, no access (*if yes, describe in table below)   Experimental bat hibernacula features?   Cy* / Ch.N / 25-Unknown, no access (*if yes, describe in table below)   Experimental bat hibernacula features?   Cy* / Ch.N / 25-Unknown, no access (*if yes, describe in table below)   Experimental bat hibernacula features?   Cy* / Ch.N / 25-Unknown, no access (*if yes, describe in table below)   Experimental bat hibernacula features?   Cy* / Ch.N / 25-Unknown, no access (*if yes, describe in table below)   Experimental bat hibernacula features?   Cy* / Ch.N / 25-Unknown, no access (*if yes, describe in table below)   Experimental bat roosting features?   Cy* / Ch.N / 25-Unknown, no access (*if yes, describe in table below)   Experimental bat roosting features?   Cy* / Ch.N / 25-Unknown, no access (*if yes, describe in table below)   Experimental bat roosting features?   Cy* / Ch.N / 25-Unknown, no access (*if yes, describe in table below)   Cy* / Ch.N / 25-Unknown, no access (*if yes, describe in table below)   Cy* / Ch.N / 25-Unknown, no access (*if yes, describe in table below)   Cy* / Ch.N / 25-Unknown, no access (*if yes, describe in table below)   Cy* / Ch.N / 25-Unknown, no access (*if yes, describe in table below)   Cy* / Ch.N / 25-Unknown, no access (*if yes, describe in table below)   Cy* / Ch.N / 25-Unknown, no access (*if yes, describe in table below)   Cy* / Ch.N / 25-Unknown, no access (*if yes, describe in table below)   Cy* / Ch.N / 25-Unknown, no access (*if yes, describe in table below)   Cy* / Ch.N / 25-Unknown, no access (*if yes, describe in table below)   Cy* / Ch.N / 25-Unknown, no access (*if yes, describe in table below)   Cy* / Ch.N / 25-Unknown, no access (*if yes, describe in table below)   Cy* / Ch.N / 25-Unknown, no access (*if yes, describe in table below)   Cy* /									
	Assessment Type: [2]-Visual; no access / []-Walk through feature ent of Physical Investigation of Features:									
										9.7
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										200
										=

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

1 Gue Car Tel:	ntec Cons 70 Southgelph, ON nada N1G (519) 836 c (519) 836	ate Dnv 4P5 -6050	.td. Call. Ti	Woodla	coadside ELC nd & Wildlife sessment Fo	: Habitat
Project Number: //	0950	126	9	Project Name:	NRWC	
Date: J	une 2	7	,	Field Personnel:	N-Charlto	2
Weather Conditions:	TEMP (°C		WIND: 2-3	CLOUD:	PPT:	PPT (in last 24 hrs):
				POLYGON DES	CRIPTION	
				TOPOGRAPHIC F	EATURE	HISTORY
COMMUNITY DESCRIPTION &	LYGON: ART TIME D TIME:	-	-2 :15	☐ LACUSTRINE ☐ RIVERINE ☐ BOTTOMLAND ☐ TERRACE ☐ VALLEY SLOPE ☐ TABLELAND ☐ ROLL. UPLAND ☐ CLIFF	☐ TALUS ☐ CREVICE / CAVE ☐ ALVAR ☐ ROCKLAND ☐ BEACH / BAR ☐ SAND DUNE ☐ BLUFF	□ NATURAL ŠCULTURAL
- Carrette				en e		
STAND DESCRIPTIO	ON:					
STAND DESCRIPTION	DN:	CVR			DECREASING DOMI	
LAYER	T	CVR				
LAYER 1 CANOPY	T	CVR				
LAYER  1 CANOPY 2 SUB-CANOPY 3 UNDERSTOREY	T	CVR				
LAYER  1 CANOPY 2 SUB-CANOPY 3 UNDERSTOREY 4 GRD. LAYER	HT 5-7	4	(>>MUCH GREA	ATER THAN; >GRE	EATER THAN; = AB	OUT EQUAL TO)
LAYER  1 CANOPY 2 SUB-CANOPY 3 UNDERSTOREY 4 GRD. LAYER HT CODES:	HT 5-7	2=10<	(>>MUCH GREA CRASSES HTS25m 3=2 <hts10< td=""><td>ATER THAN; &gt; GRE - CLOVER Om 4=1<hts2m 5="0&lt;/td"><td></td><td>0.5m 7=HT&lt;0.2m</td></hts2m></td></hts10<>	ATER THAN; > GRE - CLOVER Om 4=1 <hts2m 5="0&lt;/td"><td></td><td>0.5m 7=HT&lt;0.2m</td></hts2m>		0.5m 7=HT<0.2m
LAYER  1 CANOPY 2 SUB-CANOPY 3 UNDERSTOREY 4 GRD. LAYER HT CODES: CVR CODES:	HT 5-7	2=10<	(>>MUCH GREA CRASSES HTS25m 3=2 <hts10< td=""><td>ATER THAN; &gt; GRE - CLOVER Om 4=1<hts2m 5="0&lt;/td"><td>.5<ht≤1m 6="0.2&lt;HT≤&lt;/td"><td>0.5m 7=HT&lt;0.2m</td></ht≤1m></td></hts2m></td></hts10<>	ATER THAN; > GRE - CLOVER Om 4=1 <hts2m 5="0&lt;/td"><td>.5<ht≤1m 6="0.2&lt;HT≤&lt;/td"><td>0.5m 7=HT&lt;0.2m</td></ht≤1m></td></hts2m>	.5 <ht≤1m 6="0.2&lt;HT≤&lt;/td"><td>0.5m 7=HT&lt;0.2m</td></ht≤1m>	0.5m 7=HT<0.2m
LAYER  1 CANOPY 2 SUB-CANOPY 3 UNDERSTOREY 4 GRD. LAYER HT CODES: CVR CODES: STANDING SNAGS:	HT 5-7	2=10 <h 1=0%</h 	(>>MUCH GREA (	CLOVER  Om 4=1 <hts2m 3="25&lt;CVR&lt;/td" 5="0" vrs25%=""><td>.5<ht≤1m 6="0.2&lt;HT≤&lt;br">660% 4=CVR&gt;60% N</ht≤1m></td><td>O.5m 7=HT&lt;0.2m</td></hts2m>	.5 <ht≤1m 6="0.2&lt;HT≤&lt;br">660% 4=CVR&gt;60% N</ht≤1m>	O.5m 7=HT<0.2m
LAYER  1 CANOPY 2 SUB-CANOPY 3 UNDERSTOREY 4 GRD. LAYER HT CODES: CVR CODES: STANDING SNAGS: ABUNDANCE CODES:	HT 5-7	2=10 <h 1=0%·</h 	(>>MUCH GREA (	CLOVER  Om 4=1 <hts2m 3="25&lt;CVR&lt;/td" 5="0" vrs25%=""><td>.5<ht≤1m 6="0.2&lt;HT≤&lt;br">660% 4=CVR&gt;60% N</ht≤1m></td><td>0.5m 7=HT&lt;0.2m /O=not observed</td></hts2m>	.5 <ht≤1m 6="0.2&lt;HT≤&lt;br">660% 4=CVR&gt;60% N</ht≤1m>	0.5m 7=HT<0.2m /O=not observed
LAYER  1 CANOPY 2 SUB-CANOPY 3 UNDERSTOREY 4 GRD. LAYER HT CODES: CVR CODES: STANDING SNAGS: ABUNDANCE CODES: STAND MATURITY:	HT 5-7 1=>25m 0=NONE	2=10 <h 1=0%·</h 	(>>MUCH GREATING (>>MUCH GREATING (>>MUCH GREATING (>>>MUCH GREATING (>>>>MUCH GREATING (>>>>MUCH GREATING (>>>>>MUCH GREATING (>>>>MUCH GREATING (>>>>>>>>MUCH GREATING (>>>>>>>>>>>>>>>MUCH GREATING (>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>	= CLOVER Dm 4=1<+HTS2m 5=0 VRs25% 3=25 <cvrs -="" 0="OCCASIONAL&lt;/td" 10="" 24=""><td>.5<ht≤1m 4="CVR" 6="0.2&lt;HT≤1s60%">60% N  25 - 50  A=ABUNDANT N</ht≤1m></td><td>0.5m 7=HT&lt;0.2m /O=not observed &gt;50 /O=Not observed</td></cvrs>	.5 <ht≤1m 4="CVR" 6="0.2&lt;HT≤1s60%">60% N  25 - 50  A=ABUNDANT N</ht≤1m>	0.5m 7=HT<0.2m /O=not observed >50 /O=Not observed
1 CANOPY 2 SUB-CANOPY 3 UNDERSTOREY 4 GRD. LAYER HT CODES: CVR CODES: STANDING SNAGS: ABUNDANCE CODES:	HT  5-7  1=>25m 0=NONE  PIONEER  PAS 1	2=10 <h 1=0%·</h 	(>>MUCH GREATING (>>MUCH GREATING (>>MUCH GREATING (>>>MUCH GREATING (>>>>MUCH GREATING (>>>>MUCH GREATING (>>>>>MUCH GREATING (>>>>MUCH GREATING (>>>>>>>>MUCH GREATING (>>>>>>>>>>>>>>>MUCH GREATING (>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>	= CLOVER Dm 4=1<+HTS2m 5=0 VRs25% 3=25 <cvrs -="" 0="OCCASIONAL&lt;/td" 10="" 24=""><td>.5<ht≤1m .560%="" 4="CVR" 6="0.2&lt;HT≤1">60% N25 - 50 .4=ABUNDANT NMATURE</ht≤1m></td><td>0.5m 7=HT&lt;0.2m /O=not observed &gt;50 /O=Not observed</td></cvrs>	.5 <ht≤1m .560%="" 4="CVR" 6="0.2&lt;HT≤1">60% N25 - 50 .4=ABUNDANT NMATURE</ht≤1m>	0.5m 7=HT<0.2m /O=not observed >50 /O=Not observed

- pasture/hay - was cut this season

ABUNDANCE CODES: N=NONE R=RARE O=	12314	LA	/ER	i galler	DISTANCE	COLL.	
SPECIES CODE	189	2	3	4	≤5 m	>5 m	COLL.
TREES:	1. 1		Figure	100-124		WEST TO	
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SHRUBS:	255/040		Street F	RECER	- 54184C	GEO CENE	1 16 50
STINUDS.	PERSONAL PROPERTY.	UNSERNO DO	STEELS.	THE SECTION	S.281.0481 (R)=2	(3	
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GROUND:	118.8 3129	对除法		ib i	10000		班馬:
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CLOVEY graseus SOLIDAGO					1		
SOLIDAGO							
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LAYERS: 1=CANOPY > 10m 2=SUB-CANOPY 3=UNDERSTOREY 4=GROUND (GRD.) LAYER

Signature: Quality Control: This form is complete the legible of Signature: Signature: (Project Manager)

ELC Polygon: #	-	sment Type: 🛚					_				
Extent of Physical Inv	estigation	of Feature:	<b>1</b> -Entire	/ <b>□</b> -Partia	ıl, wal	k through p	olygon <i>(in</i>	dica	ate on map)		
Reptile / Bat Hiber	li b C	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	NACULA						,				
UTM	200	F	eature D	escription	1	/	Photo No	) <b>.</b>	Spp. O	bserved	Using Feature
						-/		+		***************************************	
	***************************************					/-					
Bat Roosting Feat			/ □-Unkr s with ope	nown, no en surrou	acces	s (*if yes, de			ole below) ng cavities ~	10m hig	gh in tree]
POTENTIAL BAT RO UTM	OSTING Tree ID				No	Decay Cla	200 (1.5)	Nio	o. of Cavities	Usiah	t and Tyme of Cavities
CIM	Tite ID	rree Spp.	, DB	n riiot	/	Decay Ca	155 (1-5)	140	of Cavities	rieign	t and Type of Cavities
				<del></del>							
Stick Nests:		(	Contains ⊒-Y* / □	large stic -N / □-/Ur	k nes nknow	ts? n, no acces	s (*if yes,	de:	scribe in tabl	e below	<i>'</i> )
STICK NEST(S) IDEN UTM	TIFIED	Tree ID	т			Nest Size	Dhoto N	_	Snn C	Maguria	d Haing Facture
CIN		i ree iD	1	Tree Spp.		Nest Size	Photo No.		Spp. Observe		d Using Feature
		1		_/							
Seeps/Springs/Ver			□-Y*/□	-Ń / □-Ur		vernal pools n, no acces		de	scribe in table	e below	)
SEEP / SPRING / VER	NAL PO	OL FEATURE(	<del></del>								* .
UTM	Fea	ature No. & Ty		ure Size ameter)	Wa	ter Depth	Photo No	). 	Sub/Emergen Spp. Prese		Shrubs/ Logs at Edge Present?
			1								
SPECIES & HABITA	Γ OBSER	VATIONS (list	species a	nd type of	obser	vation & inc	dicate on r	nap	)		
											e
											. 1
38											

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 Souti Guelph, ON Canada N1 Tel: (519) 8 Fax: (519) 8	ngate Din G 4P5 36-6050		Woodlai As:	oadside ELC nd & Wildlife sessment Fo	Habitat		
Project Number: 160950269 Project Name: NRWC								
Date	June	2+		Field Personnel:	N. Charlto	n		
Weather Conditions:	TEMP 2	°C): 2	wind: 2-3	CLOUD:	PPT:	PPT (in last 24 hrs):		
POLYGON DESCRIPTION								
				TOPOGRAPHIC F	EATURE	HISTORY		
CLASSIFICATION & POLYGON: 33 - 3  START TIME: 2 25  END TIME:				☐ LACUSTRINE ☐ RIVERINE ☑ BOTTOMLAND ☐ TERRACE ☐ VALLEY SLOPE ☐ TABLELAND ☐ ROLL. UPLAND ☐ CLIFF	ØNATURAL □ CULTURAL			
STAND DESCRI	PTION:		1					
LAYER	нт	CVR			ECREASING DOMI ATER THAN; = ABO			
1 CANOPY	2	4	FRAPENN	>> QUERU	BR			
2 SUB-CANOF	-							
3 UNDERSTOR		1 1 1	100	> 011 11	1			
4   GRD. LAYE HT CODES: CVR CODES:	1=>25n		HT≤25m <b>3</b> =2 <ht≤10< td=""><td></td><td>/ 5<ht≤1m <b="">6=0.2<ht≤0 60% <b>4=</b>CVR&gt;60% <b>N</b>/</ht≤0 </ht≤1m></td><td></td></ht≤10<>		/ 5 <ht≤1m <b="">6=0.2<ht≤0 60% <b>4=</b>CVR&gt;60% <b>N</b>/</ht≤0 </ht≤1m>			
STANDING SNAGS	3:		<10	10 – 24	25 – 50	>50		
ABUNDANCE CODES	:	ı	N=NONE R=RARE	O=OCCASIONAL	A=ABUNDANT N/	O=Not observed		
STAND MATURITY	PIONEE	R	YOUNG	MID-AGE	MATURE	OLD GROWTH		
VEGETATION TYP	E: Gre	ena	sh minest	deiduons sur	CODE: SWD	2-2		
COMPLEX CODE:								

Evidence of Disturbance / Notes:

can only see edge species

ABUNDANCE CODES: N=NONE R=RARE O=	PY >10m 2=SUB-CANOPY 3=UNDERSTOREY 4=GROUND (GRD.) LAYER S: N=NONE R=RARE 0=OCCASIONAL A=ABUNDANT D=DOMINANT N/O=Not observed  LAYER DISTANCE FROM RD. 1 2 3 4 ≤5 m >5 m  COLL.					
SPECIES CODE	1	 	4			COLL.
TREES: FRAPENN SALIX SP QUERUBR				1		2 - 3 \ 2
SHRUBS:	SAMALE .	. 4. (6.13)			(42 t 3 75k )	ribe y
GROUND: ART TRIK PHAARUN			A	V	2001/201	
PHAARIN			′07A			

Quality Control; This form is complete & legible

								VVIIdit	ife Habitat Assessment Form
ELC Polygon: #33-	-3 Asse	essment Type:	☑-Visual; no	access / 🗆	-Walk throu	gh feature			
Extent of Physical In	 vestigatio	on of Feature:	□-Entire / □	-Partial, wal	k through p	olygon <i>(inc</i>	dicate on map)		
Reptile / Bat Hibe		Contains potential reptile hibernacula features?  -Y* / -N / -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	RNACUL	A FEATURE(S)	IDENTIFIE	D					
UTM			Feature Desc	ription		Photo No.	. Spp. C	bserved	d Using Feature
		***************************************	w-M						
Bat Roosting Fea		□-Y* / □-N [i.e. tall tree		vn, no acces surrounding	s (*if yes, d		<i>table below)</i> acing cavitíes ~	10m hiç	gh in tree]
POTENTIAL BAT R					D. CI	(1 %)	NiCCI-141	11.2.1	4 - 17 CO-14
UTM	Tree I	ID Tree Spi	p. DBH	Photo No.	Decay Cla	ass (1-5)	No. of Cavities	Height	t and Type of Cavities
									***************************************
				1					
Stick Nests:			Contains la	rge stick nes	ts?	00 /#if uoo	describe in tabl	la halau	w)
STICK NEST(S) IDE	NTIFIER	<u> </u>	<u>u-1 / u-14</u>	/ CH-OTINTOW	ni, no acces	55 ( II yes,	describe in tabi	e below	<u>"</u>
UTM	211111120	Tree ID	Tree	Spp.	Nest Size	Photo No	Spp. (	Observe	d Using Feature
									9
Seeps/Springs/Ve	ernal Po	ols:	Contains se □-Y* / □-N	eps/springs/ / ☑-Unknow	vernal pool	s? ss (*if yes,	describe in tabl	e belou	······································
SEEP / SPRING / VE	ERNAL PO	OOL FEATURE			9				
UTM	F	Feature No. & Ty	ype Feature		ater Depth	Photo No.	Sub/Emerger Spp. Prese		Shrubs/ Logs at Edge Present?
		***************************************			·····				
***************************************						<u> </u>	1		
						<u> </u>			
SPECIES & HABITA	AT OBSE	RVATIONS (list	t species and	type of obser	vation & in	dicate on m	іар)		1 2
									7, 1
									.74

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

1160950269/planning\drawing\mxd\20120423\_NHA\_Fieldmaps\160950269\_Release\_17\_ELC\_Collector\_Map\_Book\_20120613\_m;

	Roadside ELC, lland & Wildlife Habitat Assessment Form								
	60950264 Project Name: NRWC								
	(by or								
Date: Jr/3//2 Field Persor	nnel: MR 55								
Weather Conditions: TEMP (°C): WIND: CLOUD:	PPT: PPT (in last 24 hrs):  None Nove								
POLYGON [	/ DESCRIPTION								
TOPOGRAPH	IC FEATURE HISTORY								
ELC  COMMUNITY DESCRIPTION & CLASSIFICATION  POLYGON:  START TIME:  DISCRIPTION & CLASSIFICATION  POLYGON:  START TIME:  DISCRIPTION  CLASSIFICATION  CLASSIFI	D CREVICE / CAVE D ALVAR D CULTURAL D ROCKLAND DPE D BEACH / BAR D SAND DUNE								
STAND DESCRIPTION:									
LAYER HT CVR SPECIES IN ORDER O	OF DECREASING DOMINANCE								
	(>>MUCH GREATER THAN; >GREATER THAN; = ABOUT EQUAL TO)								
1 CANOPY 2 4 FRAPENU = QUERU	BK= WHAMER) ACERUB								
1 CANOPY 2 4 FRAPENV = QUERU 2 SUB-CANOPY 3 4 QUEMACK = ACTO	BK= WHAMER) ACERUB								
1 CANOPY 2 4 FRAPENN = QUERUS 2 SUB-CANOPY 3 4 QUEMACK = ACEP	BK= WHAMER) ACERUB								
1 CANOPY 2 4 FRACENV = QUERUS 2 SUB-CANOPY 3 4 QUEMACK = ACCE 3 UNDERSTOREY 4 3 Fran Dogument > H 4 GRD. LAYER 5-7 3 PHARCUSTY	BK= WHAMER) ACERUB WAR = QVERUB WAR = QVERUB WAR = QVERUB MAN = QVERUB S=0.5 <ht\$1m 6="0.2&lt;HT\$0.5m" 7="HT\$0.2m&lt;/th"></ht\$1m>								
1 CANOPY 2 4 FRACENV = QUERU 2 SUB-CANOPY 3 4 QUEMACK = ACCO 3 UNDERSTOREY 4 3 Gran Down 3 2 4 4 GRD. LAYER 5 7 3 CHARLOW 14P HT CODES: 1=>25m 2=10 <ht<25m 3="2&lt;HT&lt;10m" 4="1&lt;HT&lt;25m&lt;/th"><th>BK = WAMER ) ACTEUB WAR = QV. PRUB WAT   6=0.5<hts1m 6="0.2&lt;HTs0.5m" 7="HT&lt;0.2m&lt;br">CVRS60% 4=CVR&gt;60% N/O=not observed</hts1m></th></ht<25m>	BK = WAMER ) ACTEUB WAR = QV. PRUB WAT   6=0.5 <hts1m 6="0.2&lt;HTs0.5m" 7="HT&lt;0.2m&lt;br">CVRS60% 4=CVR&gt;60% N/O=not observed</hts1m>								
1 CANOPY 3 4 FRACENV = QUE FU 2 SUB-CANOPY 3 4 QUE MACK = ACTEC 3 UNDERSTOREY 4 3 STANDOWN > 14 4 GRD. LAYER 5 7 3 CM Down of > 14 HT CODES: 1=>25m 2=10 <ht<25m 0="NONE" 1="0%&lt;CVR&lt;510%" 2="10&lt;CVR&lt;525%" 3="25&lt;CVR&lt;/th" 4="1&lt;HT&lt;27m" codes:="" cvr=""><th>BK = WAMER ) ACTEUB WAR = QV. PRUB WAT = QV. PRUB 6=0.2<ht> 0.5m 7=HT &lt; 0.2m CVR &gt; 60% N/O=not observed 4 0 25 - 50 &gt; &gt;50</ht></th></ht<25m>	BK = WAMER ) ACTEUB WAR = QV. PRUB WAT = QV. PRUB 6=0.2 <ht> 0.5m 7=HT &lt; 0.2m CVR &gt; 60% N/O=not observed 4 0 25 - 50 &gt; &gt;50</ht>								
1 CANOPY 3 4 FRACENV = QUE FU 2 SUB-CANOPY 3 4 QUE MACK = ACCE 3 UNDERSTOREY 4 3 SCONDOWN > 14 4 GRD. LAYER 5 7 3 PHACOV YF HT CODES: 1=>25m 2=10 <ht<25m 0="NONE" 1="0%&lt;CVR&lt;10%" 2="10&lt;CVR&lt;25%" 3="25&lt;CVR" 4="1&lt;HT&lt;25m" <00es:="" snags:<="" standing="" th=""><th>BK = WAMER ) ACTEUB WAR = QV. PLUB WAT = QV. PLUB G=0.2<ht=0.5m 7="HT&lt;0.2m&lt;br">CVRS60% 4=CVR&gt;60% N/O=not observed 4 0 25 - 50 &gt;50</ht=0.5m></th></ht<25m>	BK = WAMER ) ACTEUB WAR = QV. PLUB WAT = QV. PLUB G=0.2 <ht=0.5m 7="HT&lt;0.2m&lt;br">CVRS60% 4=CVR&gt;60% N/O=not observed 4 0 25 - 50 &gt;50</ht=0.5m>								
1 CANOPY	BR = WAMER ACERUB WAR = QUARUR 5=0.5 <ht\$1m 6="0.2&lt;HT\$0.5m" 7="HT\$0.2m&lt;br">CVR\$60% 4=CVR\$60% N/O=not observed 4 0 25 - 50 &gt;50 NAL A=ABUNDANT N/O=Not observed</ht\$1m>								
1 CANOPY 2 SUB-CANOPY 3 QUEMACE ACTOR 3 UNDERSTOREY 4 GRD. LAYER  HT CODES: 1=>25m 2=10 <hts25m 0="0CCASION" 1="0%&lt;CVRS10%" 2="10&lt;CVRS25%" 3="25&lt;0" 4="1&lt;HTS2m" abundance="" codes:="" cvr="" maturity:="" megetation="" mid-age="" n="NONE" pioneer="" r="RARE" snags:="" stand="" standing="" th="" type:<="" young=""><th>BL = WAMER ACERB  WAR = QV. PLUT  6=05<hts1m 4="CVR" 6="0.2&lt;HTs0.5m" 7="HT&lt;0.2m" cvrs60%="">60% N/O=not observed  4 0 25 - 50  &gt;50  NAL A=ABUNDANT N/O=Not observed  MATURE OLD GROWTH</hts1m></th></hts25m>	BL = WAMER ACERB  WAR = QV. PLUT  6=05 <hts1m 4="CVR" 6="0.2&lt;HTs0.5m" 7="HT&lt;0.2m" cvrs60%="">60% N/O=not observed  4 0 25 - 50  &gt;50  NAL A=ABUNDANT N/O=Not observed  MATURE OLD GROWTH</hts1m>								
1 CANOPY 2 SUB-CANOPY 3 A QUEMACK - ACTOR 3 UNDERSTOREY 4 3 STANDING SNAGS: ABUNDANCE CODES:  STAND MATURITY: PIONEER  PROCED  A CUEMACK - ACTOR  A QUEMACK - ACTOR	BL = WAMER ACEROB  WAR = QUARTE QUERUN  6=0.5+HTs1m 6=0.2+HTs0.5m 7=HT<0.2m  CVRs60% 4=CVR>60% N/O=not observed  4 0 25 - 50								
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1 CANOPY 2 SUB-CANOPY 3 A CUENCE ACTE 3 UNDERSTOREY 4 GRD. LAYER 5-7 3 ETANDOM 4=1<4TS2m CVR CODES: 0=NONE 1=0% <cvr\$10% 2="&lt;/th" 3="25&lt;CVR\$10%"><th>BR = WAMER ACERUB  WAR = QUANTR = QUARUN  S=0.5<hts1m 4="CVR" 6="0.2&lt;HTS0.5m" 7="HT&lt;0.2m" cvrs60%="">60% N/O=not observed  4</hts1m></th></cvr\$10%>	BR = WAMER ACERUB  WAR = QUANTR = QUARUN  S=0.5 <hts1m 4="CVR" 6="0.2&lt;HTS0.5m" 7="HT&lt;0.2m" cvrs60%="">60% N/O=not observed  4</hts1m>								
1 CANOPY 2 SUB-CANOPY 3 A QUEMACK - ACTOR 3 UNDERSTOREY 4 GRD. LAYER 5-7 3 CHARLOW 4-14-152m CVR CODES: 1=>25m 2=10+HTs25m 3=2+HTs10m 4=1+HTs2m CVR CODES: 0=NONE 1=0% <cvrs10% 0="0CCCASION" 2="10&lt;CVRs25%" 3="25&lt;C" abundance="" codes:="" complex="" disturbance="" evidence="" maturity:="" n="NONE" notes:<="" of="" pioneer="" r="RARE" snags:="" stand="" standing="" th="" type:="" vegetation="" voung="" wid-age=""><th>BR = WAMER ACERUB  WAR = QUANTR = QUARUN  S=0.5<hts1m 4="CVR" 6="0.2&lt;HTS0.5m" 7="HT&lt;0.2m" cvrs60%="">60% N/O=not observed  4</hts1m></th></cvrs10%>	BR = WAMER ACERUB  WAR = QUANTR = QUARUN  S=0.5 <hts1m 4="CVR" 6="0.2&lt;HTS0.5m" 7="HT&lt;0.2m" cvrs60%="">60% N/O=not observed  4</hts1m>								
1 CANOPY 2 SUB-CANOPY 3 A QUEMACK - ACTOR 3 UNDERSTOREY 4 3 STAND DOMINION > 14 4 GRD. LAYER 5 - 7 3 PART OF THE CORREST OF TH	BR = WAMER ) ACTEUR  WATER - QUERUR  S=0.5 <hts1m 4="CVR" 6="0.2&lt;hTs0.5m" 7="hT&lt;0.2m" cvrs60%="">60% N/O=not observed  4</hts1m>								
1 CANOPY 2 SUB-CANOPY 3 A CUT MACK - ACTED 3 UNDERSTOREY 4 GRD. LAYER 1 => 25m 2 = 10 < HT ≤ 25m 3 = 2 < HT ≤ 10m 4 = 1 < HT ≤ 2m 1 c < 10 < 10 < 10 = 20 < 10 < 10 < 10 < 10 < 10 < 10 < 10 <	BR = WAMER ) ACEROB  WAR = CUMANTR = QUERUN  S=0.5 <hts1m 4="CVR" 6="0.2&lt;hTs0.5m" 7="hT&lt;0.2m" cvrs60%="">60% N/O=not observed  4</hts1m>								

ABUNDANCE CODES: N=NONE R=RARE O=	Call Park	LAY	YER		DISTANCE	FROM RD.	COLL.
SPECIES CODE	1	2	3	4	≤5 m	>5 m	COLL.
REES:	-	. Ph	3.,.	A STATE OF THE STA	Y- B	-3, 117,	
QUEMARR	0	0					
FRAPENN	A						
UMAMER	184-	0					
W. Pine	10						
ACERUBR	0	0					
REES: QUEMACR FRAPENN UMAMER W.PIN ACERURA QUERUBR	A	0					
HRUBS:	W	100	1, 92	100	- 4	195	
Geo Dear -1							
HRUBS: Gran Doy word Hanthot n So	<del>                                     </del>		R				
Figure 1 section 19	1						
	1						
	1						
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	<b>†</b>			· · · · ·			
				1			
	†						
ROUND:			* 0	1			-37 H
PAARVN TYPLATI Mentonsweet	e la caracterista de la	(15sparteger)	one that a set of	Ø	1000001,00000-0-0/10	Element of the section	
TYPIATI				A			
Moderation				0			
Secto WSWCOT							
	_			<b>†</b>			
	<del>                                     </del>						
and the second s				<del>                                     </del>	<b></b>		
	$\vdash$			_			
11 2				1.71		L 50 0 b - 1	

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

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

ELC Polygon: # 🚁 .	/ Assessment	Type: ☑-Visual; no	access / Q-Wa	alk 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 / □-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. DBH Photo No. Decay Class (1-5) No. of Cavities Height and Type of C									

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

Seeps/Springs/Vernal Pools:

Contains seeps/springs/vernal pools?

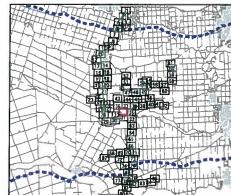
□-Y\* / □-N / □-Unknown, no access (\*if yes, describe in table below)

SEEP / SPRING / VERNAL POOL FEATURE(S) IDENTIFIED									
UTM	Feature No. & Type	Feature Size (Diameter)	Water Depth	Photo No.	Sub/Emergent Veg. Spp. Present?	Shrubs/ Logs at Edge Present?			
					0				

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

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

Legend



Map 34

		Stantec Cons – 70 Souths Guelph, ON Canada N1G el. (519) 836 ax: (519) 83	ate Drive 4P5 -6050	id. Coll. Till Poly 35	- \ Woodlai	oadside EL0 nd & Wildlife sessment Fo	Habitat					
	Project Number:	, (	000	(1) (1)	Project Name:	VRW C						
		16		102-69	_							
	Date:	. )(	1/4	12/12	Field Personnel:	M ROSI.						
Nea	ther Conditions:	TEMP (%	P):	WIND:	CLOUD:	PPT;	PPT (in last 24 hrs):					
					POLYGON DESCRIPTION							
					TOPOGRAPHIC F	EATURE	HISTORY					
DE	ELC s	OLYGON: TART TIMI ND TIME:	35	-1	☐ LACUSTRINE ☐ RIVERINE ☐ BOTTOMLAND ☐ TERRACE ☐ VALLEY SLOPE ☐ VALLEY SLOPE ☐ POLL. UPLAND ☐ CLIFF	D TALUS  □ CREVICE / CAVE  □ ALVAR  □ ROCKLAND  □ BEACH / BAR  □ SAND DUNE  □ BLUFF	ØNATURAL □ CULTURAL					
3T/	AND DESCRIPT	ION:										
	LAYER	нт	CVR	_		ECREASING DOM ATER THAN; = AB						
1	CANOPY	7	3	FRAPEM	<i>N</i>							
2	SUB-CANOPY	3	7	ARAPEN	N>UMA	MER .						
3	UNDERSTOREY	4	3	Gray Dogwood > VITRIPA								
4	GRD. LAYER	5-7	3	Solilago	>TIMO th	1_						
	1T CODES: 1=>25m 2=10 <ht≤25m 0="NONE" 1="0%&lt;CVR≤10%" 2="10&lt;CVR≤25%" 2**="" 3="25&lt;CVR≤60%" 4="CVR" 5="0.5;HT≤1m" 6="0.2&lt;HT≤0.5m" 7="HT&lt;0.2m" codes:="">60% N/O=not observed</ht≤25m>											
ST/	ANDING SNAGS:			2 <10	R 10-24	<b>1</b>	/ >50					

N=NONE

YOUNG

R=RARE

O=OCCASIONAL

MID-AGE

A=ABUNDANT

MATURE

CODE:

OLD GROWTH

COMPLEX

Evidence of Disturbance / Notes:

STAND MATURITY: PIONEER

ABUNDANCE CODES:

**VEGETATION TYPE:** 

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 observe

ABUNDANCE CODES: N=NONE R=RARE O=	OCCASI	ONAL A	YER	DANT [	DEDOMINAN DISTANCI	bserved	
S,CODE	111	世2月	图3的	4	- √≤5 m ×	>5 m	TANK I
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SHRUBS: Gray Dogwood VITRIPA	1 1 1		A.	7		•	
Gray Viguerad	<b>_</b>		#	1.0			<b> </b> -
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Signature:	Vlats	Quality Control:This form is complete   & legible   .  Signature:
	(Field Personnel)	(Project Manager)

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ELC Polygon: #35	_ ( As	sessn	nent Type:	∰Xisual: ı	no acces	ss / 🗅	-Walk throu	igh featur	e		
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Extent of Physical Ir	ivestiga	tion o	r reature:	u-Entire /	u-Panii	aı, waı	k through p	olygon ( <i>ir</i>	idicate on map)		
Reptile / Bat Hibe	rnacul	a Fea	tures:	Contains p	otential	reptile	hibernacu	la feature	s?		
				□-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 about	ients or e	ulverts	with cracks/s	entry points			inactive animal burrows)
				Contains p	otentiai I / ☑-Ur	bat hi nknow	bernacula f n. no acces	eatures? s <i>(*if ves</i> .	describe in tabi	e belov	v)
7.74				Ji.e. karst top	ography.	. aband	oned mines o	r caves			
POTENTIAL HIBEI	RNACUI	LA FE			_			Dhada M	- 6 6	<b>Nh</b>	d II-i France
UTM				Feature De	scriptioi	1		Photo N	o Spp. C	Dserve	d Using Feature
								<u> </u>			Mark Control of the C
Bat Roosting Fea	tures:		Contains po	otential bat	roosting	r feati	ıres?				
Dut Hooding I to	itui co.		<b>-Y* / -N</b>	i / 🖙 Únkno	own, no	acces	s (*if yes, d	escribe in	table below)		
POTENTIAL BAT F	OOSTU					ınding	s, DBH >25	icm, side-	facing cavities ~	10m hi	gh in tree]
UTM	Tree		Tree Sp			o No.	Decay Cl	ass (1-5)	No. of Cavities	Heigh	t and Type of Cavities
									THE CAPTER OF	i.t.ig.i	t and Type of Cavities
		7									
							<u>L</u>			200	
Stick Nests:				Contains I	arge stic	ck nes	ts?				
	- 3			O-Y*/O-I	N / 19-U	nknow	n, no acces	ss (*if yes,	describe in tab	le belov	v)
STICK NEST(S) IDI	ENTIFIE	,	ree ID	Tr	ee Spp.	<del></del>	Nest Size	Photo N	Snn (	Obsomis	d I/ging Footune
OTH			i ce ib	111	ее эрр.		Nest Size	FROID IN	о. эрр. с	Juserve	d Using Feature
Seeps/Springs/V	ernal P	ools:		Contains s	eeps/sp	orings/	vernal pool	s?		<del></del>	
				□-Y*/□-I	1 / 12 - Ui	nknow	n, no acces	s (*if yes,	describe in tab	e belov	v)
SEEP / SPRING / VI			- 13	Foots		1		ı	S. M.E.	4 77	
UTM		Featu	re No. & Ty		re Size neter)	Wa	ter Depth	Photo No	Sub/Emerger Spp. Prese		Shrubs/ Logs at Edge Present?
						-			_		
					. '	<u> </u>				<del>,</del>	
SPECIES & HABIT.	AT OBS	ERVA	TIONS (list	t species an	d type of	fobser	vation & in	dicate on 1	nap)		
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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=truck: VO=vocalization

Stantec	Stantec Con 1 – 70 South, Guelph, ON Canada N10 Tel: (519) 83 Fax: (519) 83	4P5 6-6050	Roly3s	- 2 Woodla	oadside ELC nd & Wildlife sessment Fo	Habitat					
Project Number:	[ (	029	50269	Project Name:	NRGIC						
Date:		di.	12/12	Field Personnel:	M Ro	ζς					
		- /									
Weather Conditions:	TEMP (°	C):	WIND:	CLOUD:	PPT:  N/~L	PPT (in last 24 hrs):					
POLYGON DESCRIPTION											
TOPOGRAPHIC FEATURE HISTORY											
ELC	POLYGON: START TIM	35	-2	D LACUSTRINE D RIVERINE D BOTTOMLAND D TERRACE	☐ TALUS ☐ CREVICE / CAVE ☐ ALVAR ☐ ROCKLAND	ENATURAL  CULTURAL					
COMMUNITY DESCRIPTION & CLASSIFICATION	END TIME:	10=	S0	D VALLEY SLOPE TABLELAND D ROLL, UPLAND	D BEACH / BAR D SAND DUNE D BLUFF						
		- [	- ( 0	CLIFF							
STAND DESCRIP	PTION:										
LAYER	нт	CVR			ECREASING DOM						
1 CANOPY	1	4	(>>MUCH GREA	ATER THAN; >GRE	ATER THAN; = AB	OUT EQUAL TO)					
2 SUB-CANOP	v 2	3	FOOGEN	NSIL	Antip						
3 UNDERSTORE		3	LITER	A - 61.	Now L						
4 GRD. LAYER			NIO	11 - Olly 1	Jegwose.						
HT CODES: CVR CODES:					5 <ht≤1m 6="0,2&lt;HT≤0&lt;br">60% 4=CVR&gt;60% N</ht≤1m>						
STANDING SNAGS	:		<b>∕</b> √ <10	10-24	/ 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	=: Ash lo	cu la	nd Dec. 1	Sorest	CODE: FOD 7	2-2					
COM	IPLEX		Cottol Mine	g (Stallon	CODE: MAS 3	L-(					
Evidence of Dist	urbance /	Notes:	Marsh								
				364							
			Ar	3CU 160							
			50	\$							

>5 m ≤5 m 3 TREES: 0 R R-0 SHRUBS: UITR, PA A A Gran DOGINTA GROUND:

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

									441101	me nabitat Assessment Form
ELC Polygon: #35-	-) Assess	sment Type:	☐-Visual;	no acces	ss / 🗆	-Walk throι	ugh feature	<b>3</b>		
Extent of Physical Inv	_									
Reptile / Bat Hiber	(C)	□-Y* / □-N [i.e. features bridge abuta Contains particles of the contains particles of the cont	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 enliverts 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, abundoned mines or caves]							
POTENTIAL HIBERN	NACULA F				M.	Juca dani	100001			
UTM			Feature Des		a		Photo No.	Spp. C	bserve	ed Using Feature
		14,					¥.			<u> </u>
										*****
Bat Roosting Feat		□-Y* / □-N [i.e. tall tree	es with oper	own, no a	acces	ss (*if yes, d	l <b>escribe in</b> 5cm, side-f	table below) facing cavities ~	10 <b>m</b> hi	igh in tree]
POTENTIAL BAT RO	Tree ID				MT <sub>m</sub>	Decor CI	(1.5)	20-141	1.0.0.0	· · · · · · · · · · · · · · · · · · ·
Uivi	I ree ID	Tree Sp	p. DBH	Photo	o No.	Decay Cla	ASS (1-5)	No. of Cavities	Heign	nt and Type of Cavities
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t At An .			- 1-2-a-1	- <del></del>						
Stick Nests:			Contains la □-Y* / □-N	arge stic	k nest	is? in, no acces	ss (*if yes,	describe in table	e belov	N)
STICK NEST(S) IDEN		To In	Te			Tar. A Cina	T The same No	5-2 (		
U E IVE		Tree ID	110	ee Spp.		Nest Size	Photo No	). Spp. 0	)bserve	ed Using Feature
				-			<del> </del>			111
Seeps/Springs/Vei	rnal Pools	<b>3</b> :	Contains s □-Y* / □-t	eeps/spr	rings/\ nknow	vernal pools n, no acces	s? ss (*if yes,	describe in table	e belov	w)
SEEP/SPRING/VER	RNAL POO	L FEATURE	E(S) IDENT	IFIED						<u></u>
UTM	Feat	ture No. & Ty	ype Featur	re Size meter)	Wa	iter Depth	Photo No.	Sub/Emergen Spp. Prese	t Veg.	Shrubs/ Logs at Edge Present?
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SPECIES & HABITA	T OBSERV	ATIONS (list	t species and	l type of	obser	vation & in	dicate on n	1ap)		
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CA=carcass: DP=distinctive parts: FE=leeding evidence: FY=eggs/nest: HO=house/den; OB=observed: SC=scat; SI=other sign: TK=track: VO=vocalization

Stantec	Stantec Con 1 – 70 South Guelph, ON Canada N10 Tel: (519) 83 Fax: (519) 83	gate Drive 3 4P5 5-6050	d. Coll. T Poly	ile 35; R 35-3 R Woodlai As:	oadside EL0 nd & Wildlife sessment Fo	Habitat	
Project Number:		600	950269	Project Name:	NKW	(	
Date:		DV	14/2/12	Field Personnel:	MiRiss		
Neather Conditions:	JEMP (°	C):	WIND:	CLOUD	PPT: Nom	PPT (in last 24 hrs):	
				POLYGON DES	CRIPTION		
				TOPOGRAPHIC F	EATURE	HISTORY	
COMMUNITY	POLYGON: START TIMI END TIME:	35 E:(1):	-3 = 10	☐ LACUSTRINE ☐ RIVERINE ☐ BOTTOMLAND ☐ TERRACE ☐ VALLEY SLOPE ☐ TABLELAND ☐ ROLL, UPLAND ☐ CLIFF	RIVERINE   CREVICE / CAVE   BOTTOMLAND   ALVAR   CREVICE   CAVE   CAVE		
STAND DESCRIP	TION:						
LAYER	нт	CVR		IES IN ORDER OF D ATER THAN; >GRE			
1 CANOPY	2	3	FRAPEN	N=ULMAM	ER		
2 SUB-CANOPY	1 3	2	JUGN 16	R.			
3 UNDERSTORE	Y 4	2	50112 76	as Dogwood	= UITRIF	4	
4 GRD. LAYER	4-7	4	PHAARU	V' "			
T CODES:	1=>25m 0=NONE			0m 4=1 <ht≤2m 5="0&lt;br">CVR≤25% 3=25<cvr≤< td=""><td></td><td></td></cvr≤<></ht≤2m>			
STANDING SNAGS:			<10	10 – 24	25 – 50	>50	
ABUNDANCE CODES:		N=	NONE R=RARI	O=OCCASIONAL	A=ABUNDANT N	/O=Not observed	
STAND MATURITY	PIONEER		VOLING	MID-AGE	MATURE	OLD CROMEN	

CODE: CUW

CODE:

COMPLEX
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

ABUNDANCE CODES: N=NONE R=RARE O=	OCCASI	DNAL A	YER	DANT	DISȚANCE	1381 2027	
SPECIES CODE	为1/2	2	3	4	≤5 m	>5 m	COLL.
TREES:	0	11000	37-20-5	10 (14 (22))		1 20	
TRAPENY JUMAMER JUGNIGR	<b>Ø</b>			1	1		
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35			<u> </u>				
GROUND: PHARLY	1 1	RATE:	5 TO E		100		
PHADRIN				A			
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M-4-H	1	<b></b>	<b>†</b>		1		<b>T</b>
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	Maria	Quality Control:This form is complete   & legible
Signature:		Signature:
	(Field Personnel)	(Project Manager)

9					_							
ELC Polygon: #35-	_											
Extent of Physical Inv	restiga	tion o	of Featur	e: □-{	Entire / □	J-Partia	al, wal	k through p	olygon <i>(in</i>	dicate on map)		
Reptile / Bat Hiber				i.e. brid Cor I-	Y* / □-N. features the degree abutmentains por Y* / □-N. karst tope	/ ⊒-Un that woul ents or en tential / □-Un ography,	nknowi ild proventverts bat hil nknowi	vide a route ur s with cracks/c i <b>bernacula f</b> e	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 HIBERY UTM	NACUI	LA FE	EATURE						Dhata N	S (	<u> </u>	J. Fl. 2 - France
Ulivi				rea	ature Desc	ription	1		Photo No	). Spp. (	)bserve	d Using Feature
						***************************************						
Bat Roosting Feat			□-Y*/□ [i.e. tall t	⊐-N / ☑ trees w	vith open	wn, no a surrou	acces	s (*if yes, d	lescribe in 5cm, side-l	table below) facing cavities ~	-10m hi∈	gh in tree]
POTENTIAL BAT RO				7	- %r_	T 5	(1.6)		T_#			
UTM	Tree	יטו	I ree	Spp.	DBH	Photo	0 NO.	Decay Cla	ass (1-5)	No. of Cavities	Heign	t and Type of Cavities
						<u> </u>						
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Stick Nests:				Co	ntains lar ·Y* / □-N	rge stic / 12/-Ur	k nest	ts? /n, no acces	ss (*if yes,	describe in tab	le belov	v)
STICK NEST(S) IDEN	TIFIE		T ID	15						,		
UTM		-	Tree ID		Tree Spp. Nest Siz			Nest Size	Photo No. Spp. Observ			d Using Feature
									<u> </u>			
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Seeps/Springs/Ver				<u> </u>	Y* / Q-N	/ <b>2</b> -Un	rings/ nknow	vernal pools n, no acces	s? ss (*if yes,	describe in tabl	le belov	v)
SEEP / SPRING / VER		1			Fantan		Т.		1	Sub/Emerger	-+ Vog	Shrubs/ Logs at Edge
UTM		Featu	ure No. &	¿ Type	(Diam		Wa	iter Depth	Photo No	Spp. Prese	ent?	Present?
SPECIES & HABITA	TOBS	ERVA	TIONS	(list sp	ecies and	type of	obser	vation & inc	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

9	B	Stantec Con 1 – 70 South Guelph, ON Canada N10 Tel: (519) 83 Fax: (519) 83	gate Driv 3 4P5 3-6050	Ltd. COII. T POIY 30	Woodla	oadside EL0 nd & Wildlife sessment Fo	Habitat			
	Stantec	rax (519) 63	0-2493							
Р	roject Number:		600	150769	Project Name:	NRWC				
	Date:	)	ils	12/12	<ul> <li>Field Personnel:</li> </ul>	M.Rss				
		<i>Q</i>	7	1071-	_					
Weath	er Conditions:	TEMP (°	Ç): )	WIND:	CLOUD:	None	PPT (in last 24 hrs):			
					POLYGON DES	CRIPTION				
					TOPOGRAPHIC F		HISTORY			
CC	ELC MMUNITY	POLYGON: START TIM END TIME:	E: 11	+ :10 :25	☐ LACUSTRINE ☐ RIVERINE ☐ BOTTOMLAND ☐ TERRACE ☐ VALLEY SLOPE ☐ TABLELAND ☐ ROLL. UPLAND ☐ CLIFF	☐ TALUS ☐ CREVICE / CAVE ☐ ALVAR ☐ ROCKLAND ☐ BEACH / BAR ☐ SAND DUNE ☐ BLUFF	<b>D√</b> IATURAL			
STAN	ID DESCRIP	TION:								
İ	LAYER	HT	CVR			DECREASING DOM EATER THAN; = AB				
1	CANOPY	2	7			<u> </u>				
2	SUB-CANOP	1 2	2							
3 (	UNDERSTORE	Y		N/o						
4	GRD. LAYER	5-7	4							
HT CC	DDES:	1=>25m	2=10<	1T≤25m <b>3=</b> 2 <ht≤10< td=""><td>)m 4=1<ht≤2m 5="0&lt;/td"><td>5<ht≤1m <b="">6=0.2<ht≤< td=""><td>0.5m <b>7</b>=HT&lt;0.2m</td></ht≤<></ht≤1m></td></ht≤2m></td></ht≤10<>	)m 4=1 <ht≤2m 5="0&lt;/td"><td>5<ht≤1m <b="">6=0.2<ht≤< td=""><td>0.5m <b>7</b>=HT&lt;0.2m</td></ht≤<></ht≤1m></td></ht≤2m>	5 <ht≤1m <b="">6=0.2<ht≤< td=""><td>0.5m <b>7</b>=HT&lt;0.2m</td></ht≤<></ht≤1m>	0.5m <b>7</b> =HT<0.2m			
CVR	CODES:	0=NONE	1=0%	<cvr≤10% <b="">2=10<c< th=""><th>VR≤25% <b>3</b>=25<cvr≤< th=""><th>60% 4=CVR&gt;60% N</th><th>/O=not observed</th></cvr≤<></th></c<></cvr≤10%>	VR≤25% <b>3</b> =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			
STAN	DING SNAGS:			√ <10	O 10 – 24	25 – 50	>50			
ABUNI	DANCE CODES:		N	=NONE R=RARE	O=OCCASIONAL	A=ABUNDANT N	O=Not observed			
STAN	D MATURITY:	PIONEER		YOUNG	MID-AGE	MATURE	OLD GROWTH			
VEGE	TATION TYPE	6 reen	agh	Mheal D	ec Swanp	CODE: 5W0=	2-2			
	COM	PLEX		Beed Canzon	Car Mi	CODE: MAC	12-2			
Ш_	30111		Ic	Mest	Grass Min	CODE. 1-17-1	10			
Evide	ence of Distu	ırbance / I	Notes:		-w8(					
				5,51						
				Nan 1	. a					
				AME	50					
				AME	7					
				0 11-	11-					
				Painted T	crtle					

enecies cons		LA	YER			FROM RD.	COLL.
SPECIES CODE	1	2	3	4	≤5 m	>5 m	COLL.
REES:	400			Y STATE		ALCOHOL:	
SALX F FRAPENOU JUGNIGO	0	A					
FRAPEMON	O-A R			ļ			<b>_</b>
JUGNI GR	R						
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ROUND:		Right:	51411			<b>建筑社会</b> 。	HE W
PHARUN	u -ganava	10-10-000-17-10	2010-21-12-2	A	Part in Straight	11807 - 7 81	12.11
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LAYERS: 1=CANOPY >10m 2=SUB-CANOPY 3=UNDERSTOREY 4=GROUND (GRD.) LAYER

(Field Personnel)

Signature:

Signature:

(Project Manager)

ELC Polygon: #35~	-4 Ası	sessmer	nt Type: [	<b>IJ</b> -Visual; no	access	s / 📭-'	Walk throu	gh feature			
Extent of Physical Inv	¹										
Reptile / Bat Hiber	rnacula	a Featur	) ) (	fi.e. features the bridge abutme Contains pot	/ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	nown provi lverts at hib	n, no accesside a route un with eracks/c pernacula fe n, no acces	s (*if yes, conderground, interpretation of the control of the con	describe in table including buried o	concrete o	or rock (e.g. foundations, nactive animal burrows)]
POTENTIAL HIBER	NACUI	LA FEAT									
UTM			F	Feature Desc	ription			Photo No.	Spp. C	bserved	l Using Feature
Bat Roosting Feat		(i.e.	Y* / □-N e. tall tree:	···	wn, no ac surroun	ccess	s (*if yes, d		table below) acing cavities ~	10m hiç	gh in tree]
POTENTIAL BAT ROUTM	Tree		TURE(S) Tree Spp		Photo	No	Decay Cla	222 (1.5)	No of Cavities	Haight	and Trung of Condition
UIW	1166	IU	1 ree opp	. DBti	Photo	140.	Decay Ca	ass (1-5)	No. of Cavities	Height	t and Type of Cavities
										<u> </u>	
Stick Nests:			(	Contains lar □-Y* / □-N	rge stick / Ø-Unl	nest know	ts? n, no acces	ss (*if yes,	describe in tabl	e below	()
STICK NEST(S) IDE	NTIFIE	,									
UTM		Tree	e ID	Tree	e Spp.		Nest Size	Photo No	Spp. C	)bserve	d Using Feature
Seeps/Springs/Ve	ernal P	ools:		Contains se □-Y* / □-N	eps/spri	ings/\	vernal pools	s? ss (*if yes, :	describe in tabl	e below	<i>'</i> )
SEEP/SPRING/VE	RNAL	POOL FI		(S) IDENTI	FIED				,		
UTM		Feature	No. & Ty	pe Feature (Diam		Wat	ter Depth	Photo No.	Sub/Emerger Spp. Prese		Shrubs/ Logs at Edge Present?
		<b></b>				***************************************	***************************************				
						***************************************					
SPECIES & HABITA	AT OBS	FRVATI	ONS (list	species and	type of	obser	vation & in	dicate on m	ian)		
	14 0	<u> </u>	G11	Species	туре	0000.	7 461041 44	dicate on a	ар,		
											8 T 4 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

Stantec	Stantec C 1 – 70 So Guelph, C Canada I Tel: (519) Fax: (519)	uthgat N N1 G 41 836-6	e Drive P5 i060			S Woodla	oadside El nd & Wildli sessment F	fe Habitat		
Project Number:			160	9802	60	Project Name:	1	Ruc		
Date			_	by la	//2	Field Personnel:		1.R.D		
Neather Conditions:	TEMI	) (°C):		WIND 2		CLOUP	PPTi	PPT (in last 24 hrs):		
						POLYGON DES	CRIPTION			
						TOPOGRAPHIC F	EATURE	HISTORY		
ELC	COMMUNITY DESCRIPTION & FND TIME			130		☐ LACUSTRINE ☐ RIVERINE ☐ BOTTOMLAND ☐ TERRACE ☐ VALLEY SLOPE ☐ ABLELAND ☐ ROLL, UPLAND ☐ CLIFF	☐ TALUS ☐ CREVICE / CAV ☐ ALVAR ☐ ROCKLAND ☐ BEACH / BAR ☐ SAND DUNE ☐ BLUFF	E NATURAL		
STAND DESCRIP	TION:									
LAYER	н		CVR			S IN ORDER OF DITER THAN; >GRE		MINANCE BOUT EQUAL TO)		
1 CANOPY	9		3	ULMAN	NEG	L> FRAKEN	'N ,			
2 SUB-CANOP		<u>'</u>	3	WMA	MEK	= FRAPE	VV			
	UNDERSTOREY 4 3 GRAY DO					grand-1, law Kron				
4 GRD. LAYER		+1 -	4	dida	got	> B, rds toot	reful = teasu	= PHAARUN		
1T CODES:       1=>25m       2=10 <ht< td="">       25m       3=2       2=10<cvr< td="">       4=1         CVR CODES:       0=NONE       1=0%       2=10&lt;<td>2=10&lt;<td>2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       <td< td=""><td></td><td>T≤0.5m 7=HT&lt;0.2m N/O=not observed</td></td<></td></td></cvr<></ht<>							2=10< <td>2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       <td< td=""><td></td><td>T≤0.5m 7=HT&lt;0.2m N/O=not observed</td></td<></td>	2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10       2=10 <td< td=""><td></td><td>T≤0.5m 7=HT&lt;0.2m N/O=not observed</td></td<>		T≤0.5m 7=HT<0.2m N/O=not observed
STANDING SNAGS	:		1/	<10		N 10-24	V 25 - 50	>50		
ARUNDANCE CODES:			Mar	NONE P	-DADE	O=OCCASIONAL	A-ARIINDANT	N/O-Not observed		

MID-AGE

MATURE

CODE; CUW

CODE:

OLD GROWTH

COMPLEX

Evidence of Disturbance / Notes:

PIONEER

STAND MATURITY:

**VEGETATION TYPE:** 

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=	OCCASI		=ABUN YER	DANT [		T N/O=Not FROM RD.	humana sa
SPECIES CODE	1	2	3	4	≤5 m	>5 m	COLL
TREES:	s severa	28.310					
FRACENN	0	0					
FRAPENN ULMAMER	A	0		1			
	1			<del>                                     </del>			
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SHRUBS:		1.66.536.0-3	JA NASA	1874 BIN	598 NEW 240	<b>超</b> 自己401	J. (91 a. )
STRUBS.	e measure	E(0.07.141)		1 (15/2)(3/2)	16% LE-18%	882 117 9111	\$144.5
Gran Dogwood	-	<u> </u>	0				-
Marthan		-	0	<u> </u>	<del> </del>		$\vdash$
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GROUND:		湖風縣	fixt.	A Alto B		410	1. # 1
Solidags			.*	TA			
Burghant total			1	0			
wild carryt			14.0	R-0			
Wild tousel				0			
Soldago Birostinst trefill wild care t Wild tage! PHAAPUN Knameld Wild Parsnip			-	0			
Vagueld		1	()	ŏ			
Wild Pacson				R-0			
VV. W 100 3/11 P		<u> </u>		H ~			
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Signature:	Maga	Quality Control:This form is complete   & legible   Signature:	
	(Field Personnel)	(Project Manager)	_

ELC Polygon: #35.	-5 Asse	ssment Type:	CI-Vi	sual; no	access	/ 🛛 -	Walk throu	gh featur	е			
Extent of Physical In	– vestigatio	n of Feature:	<b>Q</b> -Er	ntire / 🗆	-Partial,	wall	k through p	olygon <i>(ir</i>	ndic	cate on map)		
Reptile / Bat Hibe	rnacula F	Features:	□-Y* [i.e. for bridge Conta	/ D-N / catures the abutment ains pote // D-N /	☐-Unkr at would its or culv ential ba ☐-Unkr	provi verts at hik	ide a route ur with cracks/c pernacula fo	is (*if yes, nderground entry points eatures? is (*if yes,	, in s, ex	escribe in table eluding buried c rposed rock crev escribe in table	oncrete rices or i	or rock (e.g. foundations, nactive animal burrows)]
POTENTIAL HIBER	NACULA	FEATURE(S										
UTM			Featu	re Desc	ription			Photo N	0.	Spp. O	bserved	l Using Feature
								<u> </u>	$\dashv$			
			*****************	<u> </u>					_			
Bat Roosting Fea	tures:	Contains p □-Y* / □-I [i.e. tall tre	V / 🗹-	Unknow	n, no ac	ces	s (*if yes, d	<i>lescribe in</i> icm, side-	ı ta fac	ble below)	10m hiç	gh in tree]
POTENTIAL BAT R				NTIFIE								
UTM	Tree II	Tree Sp	p.	DBH	Photo !	No.	Decay Cla	ass (1-5)	N	o. of Cavities	Heigh	t and Type of Cavities
								·			***************************************	***************************************
Ctick Neets			Can	laina las	an ediale		-0	4				
Stick Nests:			U-Y	*/Q-N	ge stick / 🗹-Unk	nesi	ເຣເ n, no acces	ss (*if yes	, de	escribe in table	e belov	<i>(</i> )
STICK NEST(S) IDE	NTIFIED						_i	, ,				
UTM		Tree ID		Tree	Spp.		Nest Size	Photo N	ło.	Spp. C	bserve	d Using Feature
			1									
Seeps/Springs/Ve	ernal Poc	ols:	Conf	tains se	eps/sprii / ⊠-Unk	ngs/	vernal pool	s? ss (*if ves	de	escribe in table	e belov	()
SEEP / SPRING / VE	RNAL PO	OL FEATUR					,	( )	,			<u>/</u>
UTM	Fe	eature No. & T	уре	Feature (Diame		Wa	ter Depth	Photo N	0.	Sub/Emergen Spp. Prese	_	Shrubs/ Logs at Edge Present?
SPECIES & HABITA	AT OBSER	VATIONS (II	st spec	ies and	type of o	bser	vation & in	dicate on	ma	p)		
												4 .
												7
												4
												11.

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

	tantec Cons – 70 Southo Suelph, ON Janada N1G (el: (519) 836 (ax: (519) 83	pate Drivi 4P5 -6050	td. Call. 7 Poly 35-	✓ Woodlaı	oadside ELC nd & Wildlife sessment Fo	Habitat					
Project Number:	160	950	169	Project Name:	NRWC						
Date:	J	ιh	12/12	Field Personnel:	MRG	<u>(</u>					
Weather Conditions:	7-9 7-9	C):	WIND;	GLOUD:	PPT: None	PPT (in last 24 hrs):					
				POLYGON DES							
				TOPOGRAPHIC F	EATURE	HISTORY					
POLYGON: 35 - 6 DIACUSTRINE DIACUSTRINE DISCUSSION & CASSIFICATION & CLASSIFICATION DIACUSTRINE DISCUSSION & CLASSIFICATION DIACUSTRINE DI											
STAND DESCRIPT	LAYER HT CVR SPECIES IN ORDER OF DECREASING DOMINANCE										
LAYER	HT	CVR			ECREASING DOMI						
	нт 2	CVR			ATER THAN; = ABO						
LAYER	нт			ATER THAN; >GRE	ATER THAN; = ABO						
LAYER  1 CANOPY 2 SUB-CANOPY 3 UNDERSTOREY 4 GRD. LAYER	нт 2 3 4 5-7	3344	(>>MUCH GREATERN)  (X. MAM  Gray Dogw  Solidayo	ATER THAN; >GRE / SULMAME SFRAPE cost > flaw fl > Knapweed	ATER THAN; = ABO R NN O M > Teagel = W	out Equal to)					
LAYER  1 CANOPY 2 SUB-CANOPY 3 UNDERSTOREY	HT 2 3 4 5 7 1=>25m	2=10 <h< td=""><td>(&gt;&gt;MUCH GRE/ FRAPEMA (AMAMA) Grow Dogw Solidays TS25m 3=2<hts10< td=""><td>ATER THAN; &gt; GRE - ULM AME - VFRAPE - VALABELLA - MAPCHELLA - MAP</td><td>ATER THAN; = ABO R NN O M &gt; Teagel = W</td><td>OUT EQUAL TO)  (1 d Car o +  0.5m 7=HT&lt;0.2m</td></hts10<></td></h<>	(>>MUCH GRE/ FRAPEMA (AMAMA) Grow Dogw Solidays TS25m 3=2 <hts10< td=""><td>ATER THAN; &gt; GRE - ULM AME - VFRAPE - VALABELLA - MAPCHELLA - MAP</td><td>ATER THAN; = ABO R NN O M &gt; Teagel = W</td><td>OUT EQUAL TO)  (1 d Car o +  0.5m 7=HT&lt;0.2m</td></hts10<>	ATER THAN; > GRE - ULM AME - VFRAPE - VALABELLA - MAPCHELLA - MAP	ATER THAN; = ABO R NN O M > Teagel = W	OUT EQUAL TO)  (1 d Car o +  0.5m 7=HT<0.2m					
LAYER  1 CANOPY 2 SUB-CANOPY 3 UNDERSTOREY 4 GRD. LAYER HT CODES:	HT 2 3 4 5 7 1=>25m	2=10 <h 1=0%&lt;</h 	(>>MUCH GRE/ FRAPEMA (AMAMA) Grow Dogw Solidays TS25m 3=2 <hts10< td=""><td>ATER THAN; &gt; GRE - ULM AME - FRAPE - FRAPE - KAA PUREL DIM 4=1+HTS2M 5=0. VRS25% 3=25&lt; CVRS</td><td>ATER THAN; = ABO  O 1  &gt; Teage = W  5 &lt; HT &lt; 1 m 6=0.2 &lt; HT &lt; 60% 4=CVR &gt; 60% N/  25 - 50</td><td>OUT EQUAL TO)  (1 d Car o +  0.5m 7=HT&lt;0.2m</td></hts10<>	ATER THAN; > GRE - ULM AME - FRAPE - FRAPE - KAA PUREL DIM 4=1+HTS2M 5=0. VRS25% 3=25< CVRS	ATER THAN; = ABO  O 1  > Teage = W  5 < HT < 1 m 6=0.2 < HT < 60% 4=CVR > 60% N/  25 - 50	OUT EQUAL TO)  (1 d Car o +  0.5m 7=HT<0.2m					

CODE:

Evidence of Disturbance / Notes:

1						
DESTRUCTION	2	3	4	≤5 m	>5 m	COLL
515.4				10.7 - 13.0	Tay Merca	
0	0					
	THE.	UK, I			Sale of Arc	
		A	#1			
		O				
						<u> </u>
THEFT	PARTY.	Alberta.	29.000	足以在进口	线性加强	
			A			
						<b> </b>
			O A	O A A		

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

ELC Polygon: #35-	-6 Asses	ssment Type: 5	Visi	ual; no	access	/ 🗆-	Walk throu	gh feature	•			
Extent of Physical Inv	- estigatio	n of Feature: [	⊒-Ent	ire / 🗆	-Partial,	walk	through p	olygon <i>(in</i>	dicate on map)			
Reptile / Bat Hiber	nacula F	[ ] h ( ]	I-Y* / i.e. fea oridge a Contai	tures the abutme ins poly	/ ☑-Unki nat would nts or cul- tential ba / ☑-Unki	nowr provi verts at hik nowr	ide a route un with cracks/o ernacula fo	s (*if yes, nderground, entry points eatures? s (*if yes,	describe in table including buried	concrete vices or i	or rock (e.g. founda nactive animal burr	tions.
POTENTIAL HIBERN	NACULA											
UTM		ŀ	eatur	e Desc	ription			Photo No	o. Spp. C	bserve	l Using Feature	
			***************************************					İ		·***·*********************************		
Bat Roosting Feat		[i.e. tall tree:	/ 🗹-U s with	Inknow open	vn, no ad surround	cess	s (*if yes, d	escribe in icm, side-	table below) facing cavities ~	10m hiç	gh in tree]	
UTM	Tree ID		1	DBH	Photo	No.	Decay Cla	ass (1-5)	No. of Cavities	Heigh	t and Type of Cav	ities
					4. 1							
Stick Nests:		(	Conta □-Y*	ains iar / □-N	ge stick / ख-Unk	nest nowi	s? n, no acces	ss (*if yes,	describe in tab	le belov	<i>(</i> )	
STICK NEST(S) IDEN	TIFIED											
UTM		Tree ID		Tree	Spp.		Nest Size	Photo N	o. Spp. 0	Observe	d Using Feature	
						-				***************************************		
Seeps/Springs/Ver	rnal Poo	ols:	Conta □-Y*	ins se / □-N	eps/spri	ngs/\	vernal pools	s? ss (*if yes,	describe in tab	le belov	······································	<b></b>
SEEP / SPRING / VEF	RNAL PO	OL FEATURE	1			-		1			1	
UTM	Fe	eature No. & Ty	pe F	F <b>eatur</b> (Diam		Wa	ter Depth	Photo No	Sub/Emerge Spp. Pres		Shrubs/ Logs at Present?	Edge
		***************************************					*,			***************************************		
							<i>-</i>					
SPECIES & HABITA	r obser	VATIONS (list	specie	es and	type of o	bser	vation & in	dicate on 1	map)			
												2
						10					i,	
CA=carcase DP=distinct	iva parte: f	R=landing milar	voa: 188	· manurus	most HO	honi	/.4.xxx. (AD. on)	Assamual C	Comments & Investigan o	Const The	i d., 37/3	

Stantec	Stantec Cons 1 70 Souths Guelph, ON Canada N1G Tel: (519) 836 Fax: (519) 83	4P5 6-6050 6-2493	Paly 35	Woodlar As:	oadside ELC nd & Wildlife sessment Fo	Habitat rm
Project Number:		609	150269	Project Name:	70 1000	
Date:		)Vh.	12/12	Field Personnel:	M. P155	
Weather Conditions:	TEMP (%	ر (C):	WIND:	CLOUD:	PPT: None	PPT (in last 24 hrs):
				POLYGON DES	CRIPTION	
				TOPOGRAPHIC F	EATURE	HISTORY
COMMUNITY	POLYGON: START TIMI END TIME:	35 : 0	-7 -50	☐ LACUSTRINE ☐ RIVERINE ☐ BOTTOMLAND ☐ TERRACE ☐ VALLEY SLOPE ☐ ABLELAND ☐ ROLL, UPLAND ☐ CLIFF	☐ TALUS ☐ CREVICE / CAVE ☐ ALVAR ☐ ROCKLAND ☐ BEACH / BAR ☐ SAND DUNE ☐ BLUFF	©MATURAL  ☐ CULTURAL
STAND DESCRIP	TION:					
LAYER	нт	CVR	1		ECREASING DOMI ATER THAN; = ABO	
1 CANOPY	2	7	ULMAME	R < FRAPE	NN2>501 is	/
2 SUB-CANOP	1 3	3	ULMAME	REFRAR	>NN >> 54	ίχ
3 UNDERSTORE	Y 4	3	Gray Boys	wood >ULT	AMER = FR	PRENN
4 GRD. LAYER	<u> </u>	<u>-3</u>	PHAAREN	J=Solidage		
HT CODES: CVR CODES:					5 <ht≤1m 6="0,2&lt;HT≤0&lt;br">60% 4=CVR&gt;60% N/</ht≤1m>	
STANDING SNAGS:			<10 <10 €	0 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	Agh lo	rlan	d Dec. For	254	CODE: FOD 7	2-2
COM	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 O=	OCCASI	LA'	YER	DANT	DISTANCE	COLL.	
SPECIES CODE	1	2	3	4	≤5 m	>5 m	COLL.
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FRAFENN	1/2	A A R	0				
LIMAMER FRAGENN SACIN Sp	K	R					
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Signature:	(last	Quality Control: This form	n is complete 🗆 & legible (
-	(Field Personnel)		(Project Manager)

ELC Polygon: #35-	7 Asse	ssment Type: 💁	Visual; no	access / 🗆	-Walk throu	gh feature	<b>;</b>					
Extent of Physical Inv	estigatio	n of Feature: 🚨	-Entire / 🗆	I-Partial, wa	k through p	olygon <i>(in</i>	dicate on map)					
Reptile / Bat Hiber	i.c ji.c bri Co	Contains potential reptile hibernacula features?  -Y*/ -N / -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 / -N / - Unknown, no access (*if yes, describe in table below)  [i.e. karst topography, abandoned mines or caves]										
POTENTIAL HIBERY	NACULA	······································	ENTIFIE									
UTM		Fe		Photo No	Spp. C	Spp. Observed Using Feature						
Bat Roosting Feat			☑-Unknov with open	vn, no acces surrounding	s (*if yes, d	escribe in icm, side-1	<i>table below)</i> facing cavities ~	10m hiç	gh in tree]			
POTENTIAL BAT RO UTM	OSTING Tree II		DENTIFIE DBH	Photo No.	Decay Cla	ass (1-5)	No. of Cavities	Haigh	t and Type of Cavities			
OTM	HICCH	У гес эрр.	DBN	1 11010 140.	Decay Cia	133 (1-3)	ivo. of Cavities	Heigh	t and Type of Cavities			
Stick Nests:		C	ontains laı l-Y* / ロ-N	ge stick nes / ロ-Unknov	its? /n, no acces	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. (	Observe	d Using Feature			
Seeps/Springs/Ve	rnal Poc	ols: C	ontains se -Y* / □-N	eps/springs / 🗹-Unknow	vernal pools	s? ss (*if yes,	describe in tabl	e belov	v)			
SEEP / SPRING / VEF	RNAL PO	OL FEATURE(S	) IDENTII	FIED		1						
UTM	Fe	eature No. & Type	Feature - (Diam	LUV 4	ater Depth	Photo No	Sub/Emerger Spp. Prese		Shrubs/ Logs at Edge Present?			
SPECIES & HABITA	Γ OBSER	VATIONS (list s	pecies and	type of obse	rvation & in	dicate on r	nap)					
							-	220				
									14.7v			

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 Con 1 70 South Guelph, ON Canada N10 Tel: (519) 830 Fax: (519) 83	gate Driv 3 4P5 3-6050	<sub>Ltd.</sub> Coll. Ti Bly 35	Woodlai	oadside ELC nd & Wildlife sessment Fo	Habitat
Project Number:		1600	150269	Project Name:	NRWC	
Date:	J	vh	12/12	Field Personnel:		
Weather Conditions:	TEMP (°	C):	MIND:	CLOUD:	PPT: Non	PPT (in last 24 hrs):
				POLYGON DES		
			9	TOPOGRAPHIC F	EATURE	HISTORY
ELC COMMUNITY	POLYGON: START TIME:	38	-8 :00	☐ LACUSTRINE ☐ RIVERINE ☐ BOTTOMLAND ☐ TERRACE ☐ VALLEY SLOPE ☐ TABLELAND ☐ ROLL. UPLAND ☐ CLIFF	☐ TALUS ☐ CREVICE / CAVE ☐ ALVAR ☐ ROCKLAND ☐ BEACH / BAR ☐ SAND DUNE ☐ BLUFF	©¶ATURAL □ CULTURAL
STAND DESCRIP	TION:					
LAYER	НТ	CVR			ECREASING DOMI	
1 CANOPY						
2 SUB-CANOPY	1 3	B	SALIKS			
3 UNDERSTORE		5	SALIX 50	2		
4 GRD. LAYER	12.7	4	MAARUN	- 177717	U>Teasel	
IT CODES: CVR CODES:					5 <ht≤1m 6="0.2&lt;HT≤0&lt;br">60% 4=CVR&gt;60% N</ht≤1m>	
STANDING SNAGS:			/V <10	N 10-24	M 25 - 50	>50
ABUNDANCE CODES:		N	I=NONE R=RARE	O=OCCASIONAL	A=ABUNDANT N/	O=Not observed
STAND MATURITY:			YOUNG	MID-AGE	MATURE	OLD GROWTH
VEGETATION TYPE	Road	ana	2 Basc M	h Meadras	CODE: MAM	2-2

CODE:

Evidence of Disturbance / Notes:

COMPLEX

	100	LA	/ER		DISTANCE		
SPECIES CODE	1	2	3	4	≤5 m	>5 m	COLL.
REES:	1755	SMIT		YER A			
SALXX Sp		R	R				
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TYPANGU VIII teen	acabatolis	17 31 43 DES	U2 (110)21	A	Este Majori	gg swar	12,0124
WILD FEESIL				RD			
	=	55					

Signature:	Kan	Qualit	ly Contro ignature	ol:This to	my is comple	Lete □ & legib	Lle □.
,	(Field Personnel)			7	(Project	Manager)	

ELC Polygon: # 🔀	LC Polygon: # टिंग्ट्र Assessment Type: □-Visual; no access / □-Walk through feature										
Extent of Physical Inv	- vestigation	of Feature: □-	Entire / 🗆	I-Partial,	wall	through po	olygon (in	dicate on map)			
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 HIBER	NACULA I										
UTM		Fe	Feature Description				Photo No	Spp. C	. Spp. Observed Using Feature		
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.	DENTIFIE	Photo I	No.	Decay Cla	sec (1.5)	No. of Cavities	Haigh	t and Type of Cavities	
OTM	Heelb	тес эрр.	DBII	1 11000	10.	Decay Cia	155 (1-3)	140. 01 Cavilles	rieign	t and Type of Cavities	
							4				
Stick Nests:		Co	ontains la -Y* / □-N	rge stick / ☑-Unk	nest now	s? n, no acces	s (*if yes,	describe in tabl	e belov	()	
STICK NEST(S) IDE	NTIFIED	Tree ID	Tree	e Spp.		Nest Size	Photo N	Snn (	)hearwa	d Using Feature	
Uliva		Tree ID	Tiec	зрр.		Nest Size	I HOLD IN	о.   Зрр. (	Jusei ve	u Using reature	
						***************************************					
							L				
Seeps/Springs/Ve			-Y* / □-N	/ 🗷-Unk	ngs/ now	vernal pools n, no acces	s? s (*if yes,	describe in tabl	e belov	<i>(</i> )	
SEEP / SPRING / VE	RNAL POO	OL FEATURE(S						S-1/5	4 \$7	Ch. L./I	
UTM	Fea	nture No. & Type	Featur (Diam		Wa	ter Depth	Photo No	Sub/Emerger Spp. Preso	nt veg. ent?	Shrubs/ Logs at Edge Present?	
SDECIES & HABITA	TORCEDY	A TIONS (II.4.		4			1'4				
SPECIES & HABITA	I OBSERV	VATIONS (list sp	ecies and	type of o	oser	vation & inc	ulcate on	map)			

Stantec	Stantec Consulting I 1 70 Southgate Driv Guelph, ON Canada N1G 4P5 Tel: (519) 836-6050 Fax: (519) 836-2493	roly	Tile 35-9	Woodlan	oadside EL id & Wildlif essment F	e Habitat	
Project Number:	160950	269		Project Name:	NRWC		
Date:	3014/	3014/3/12		Field Personnel:			
Weather Conditions:	TEMP (°C):	WIND		CLOUD:	PPT: None	PPT (in last 24 hrs):	

### **POLYGON DESCRIPTION**

SPECIES IN ORDER OF DECREASING DOMINANCE

	TOPOGRAPHIC FEATURE	HISTORY
ELC POLYGON: 35-9	☐ LACUSTRINE ☐ TALUS ☐ RIVERINE ☐ CREVICE / CAVE	MATURAL CULTURAL
COMMUNITY START TIME: 9.30	☐ TERRACE ☐ ROCKLAND ☐ VALLEY SLOPE ☐ BEACH / BAR	LICOLIONAL
CLASSIFICATION END TIME: 9:35	☐ TABLELAND ☐ SAND DUNE ☐ ROLL, UPLAND ☐ BLUFF ☐ CLIFF	

# STAND DESCRIPTION: **LAYER**

CVR

	LAYER	HT	CVR	(>>MUCH GREA	TER THAN: >GRE	ATER THAN: = A	BOUT EQUAL TO)	
1	CANOPY	2		UCMAM	R-FRAP-1	VN/		
2	SUB-CANOPY	3	1	ULMAM	EC = FRAT	EMA/		
3	UNDERSTOREY	4	3	Dogwood	م			
4	GRD. LAYER	4-7	4	PHAARUN	> TYPLA	TI > Care	8	
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;H1≤1m" 6="0.2&lt;HT≤0.5m" 7="HT&lt;0.2m">60% N/O=not observed</ht≤25m>								
ST	ANDING SNAGS:			N <10	10-24	N 25 - 50	>50	
ABI	INDANCE CODES:		N	=NONE R=RARE	O=OCCASIONAL	A=ABUNDANT	N/O=Not observed	
ST	AND MATURITY:	PIONEEF		YOUNG	MID-AGE	MATURE	OLD GROWTH	
VEGETATION TYPE: Cathal Min Shallow March CODE: MAS 2-1								
COMPLEX BORD CONDY Grass Men. CODE: MAM 2-L								
Meadow Marsh								

**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

		LA	YER		DISTANCE FROM RD.		COLL.
SPECIES CODE	1	2	3	4	≤5 m	>5 m	COLL.
TREES:						74.5	
TREES: YUMAMER FRAPENAN	R	R					
FRAPENIA	R	R					
					1		
SHRUBS: Dogwood So	de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya della companya della companya de la companya della	HERE	P. Pris		<b>建版设施</b>		
Dogwood &			0				
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GROUND: FHAARU N TYPLATI CARES SP	32.36		S. 180. N		district, di	to a character to	depend.
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Signature:	Quality Control:This form is complete   & legible   .  Signature:
(Field Personnel)	(Project Manager)

ELC Polygon: # 3 5	_G Ass	sessment Type: (	<b>⊉</b> -Visual;	no acces	ss / 🗖	-Walk throu	gh feature	)			
Extent of Physical I											
Reptile / Bat Hibe	ernacula		□-Y* / □- [i.e. feature bridge abur Contains □-Y* / □-	N / 2-Uns that would ments or expotential N / 2-Un	knowld providents bat hill knowld	ide a route un with eracks/o bernacula fo	is (*if yes, aderground, entry points eatures? is (*if yes,	describe in table including buried	concrete vices or i	or rock (e.g. foundations, inactive animal burrows)]	
POTENTIAL HIBEI UTM		) IDENTIFIED  Feature Description				Photo No. Spp. Observed Using Feature					
UIM		reature Descri			ipuon		2 HOLO 110. Spp. (		belived Using Peature		
Bat Roosting Fea	ature:	Contains po	tential h	et roosting	ı featı	ires?					
		□-Y* / □-N [i.e. tall tree	/ 21-Unki	n <mark>own, no</mark> en surrou	acces	s (*if yes, d		table below) facing cavities	-10m hi	gh in tree]	
POTENTIAL BAT I	Tree				o No.	Decay Cl	ass (1-5)	No. of Cavities	Heigh	t and Type of Cavities	
			1								
Stick Nests:			Contains □-Y* / □	large stic -N / ☑-Ur	k nes	ts? n, no acces	ss (*if yes,	describe in tab	le belov	v)	
STICK NEST(S) IDENTIFIED						- N C.					
UTM		Tree ID	Tree Sp			Nest Size	Photo N	. Spp. Observed		d Using Feature	
Seeps/Springs/V	ernal P	ools:	Contains □-Y* / □	seeps/sp -N / 🗗-Ur	rings/ nknow	vernal pool	s? ss (*if yes,	describe in tab	le belov	v)	
SEEP / SPRING / VI	ERNAL I	POOL FEATURE	· · · · · · · · · · · · · · · · · · ·		1		1	0.1/5	4 7 7		
UTM		Feature No. & Ty		(Diameter)		ter Depth	Photo No.	Sub/Emerge Spp. Pres		eg. Shrubs/ Logs at Edg Present?	
CDECIES & HADIT	AT ODG	EDVATIONS (P.			 						
SPECIES & HABIT	AT OBS	ERVATIONS (IIS)	species a	na type o	obsei	rvation & in	dicate on	map)			
			- B								
										-14	
										44.	

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 Con 1 – 70 South Guelph, ON Canada N10 Tel; (519) 836 Fax: (519) 83	gate Driv 3 4P5 6-6050	Poly 35	Woodla	oadside EL0 nd & Wildlife sessment Fo	Habitat
	Project Number:	6	095	0264	Project Name:	MRWC	
	Date:		J. (1)	13/12	Field Personnel:		ſ
Wea	ather Conditions:	TEMP (*	C)::	WIND:	CLOUD: Hazy	PPT:	PPT (in last 24 hrs
					POLYGON DES	CRIPTION	
					TOPOGRAPHIC F	EATURE	HISTORY
PLALD	ELC COMMUNITY	POLYGON: START TIM	3 3	5-10 25	LACUSTRINE RIVERINE BOTTOMLAND TERRACE VALLEY SLOPE	☐ TALUS ☐ CREVICE / CAVE ☐ ALVAR ☐ ROCKLAND ☐ BEACH / BAR ☐ SAND DUNE	□ NATURAL  □ CULTURAL
100	ASSIFICATION	END TIME:	lo	-30	ROLL, UPLAND	BLUFF	
ST	AND DESCRIP	TION:	-			•	
ST	AND DESCRIP	TION:	CVR			DECREASING DOMI	
ST.		нт	CVR	(>>MUCH GRE	ATER THAN; >GRE	DECREASING DOMI EATER THAN; = ABO	
	LAYER	нт	CVR	(>>MUCH GRE	ATER THAN; >GRE	ATER THAN; = AB	
1	LAYER CANOPY	нт Э Y 3	CVR	(>>MUCH GRE	ATER THAN; >GRE	ATER THAN; = AB	
1 2 3 4	LAYER CANOPY SUB-CANOPY UNDERSTORE GRD. LAYER	HT  3  Y 3  EY  S-7	4	(>>MUCH GRE, FRAPEN FRAPEN N/A PHARLUN	ATER THAN; >GRE VN = VLMX (N = VLMA =W(LD Carrof	EATER THAN; = ABO MER MER -> So listage = f	OUT EQUAL TO
1 2 3 4	LAYER CANOPY SUB-CANOP UNDERSTORE	HT  3 Y 3 EY 1=>25m	2=10 <h< td=""><td>(&gt;&gt;MUCH GRE, FRAPEN ALIA PHARUN (TS25m 3=2&lt;+HTS1)</td><td>ATER THAN; &gt;GRE  VV = VLM  (V = VLM  -W(LD care)  Dm 4=1<hts2m 5="0&lt;/td"><td>ATER THAN; = AB</td><td>OUT EQUAL TO)</td></hts2m></td></h<>	(>>MUCH GRE, FRAPEN ALIA PHARUN (TS25m 3=2<+HTS1)	ATER THAN; >GRE  VV = VLM  (V = VLM  -W(LD care)  Dm 4=1 <hts2m 5="0&lt;/td"><td>ATER THAN; = AB</td><td>OUT EQUAL TO)</td></hts2m>	ATER THAN; = AB	OUT EQUAL TO)
1 2 3 4 HT	LAYER CANOPY SUB-CANOPY UNDERSTORE GRD. LAYER CODES:	HT  3 Y 3 EY 1=>25m 0=NONE	2=10 <h< td=""><td>(&gt;&gt;MUCH GRE, FRAPEN ALIA PHARUN (TS25m 3=2&lt;+HTS1)</td><td>ATER THAN; &gt;GRE  VV = VLM  (V = VLM  -W(LD care)  Dm 4=1<hts2m 5="0&lt;/td"><td>ATER THAN; = ABO MER MER -&gt; So liplage = 1 5<ht 1m="" 6="0.2&lt;hT" s="" s<="" td=""><td>OUT EQUAL TO)</td></ht></td></hts2m></td></h<>	(>>MUCH GRE, FRAPEN ALIA PHARUN (TS25m 3=2<+HTS1)	ATER THAN; >GRE  VV = VLM  (V = VLM  -W(LD care)  Dm 4=1 <hts2m 5="0&lt;/td"><td>ATER THAN; = ABO MER MER -&gt; So liplage = 1 5<ht 1m="" 6="0.2&lt;hT" s="" s<="" td=""><td>OUT EQUAL TO)</td></ht></td></hts2m>	ATER THAN; = ABO MER MER -> So liplage = 1 5 <ht 1m="" 6="0.2&lt;hT" s="" s<="" td=""><td>OUT EQUAL TO)</td></ht>	OUT EQUAL TO)
1 2 3 4 HT CVF	LAYER  CANOPY SUB-CANOPY UNDERSTORE GRD. LAYER CODES: R CODES:	HT  3 Y 3 EY 1=>25m 0=NONE	2=10<+ 1=0%<	(>>MUCH GRE, FLAPEN FLARUN ITS25m 3=2 <hts11 2="10&lt;C&lt;/td" ccvrs10%=""><td>ATER THAN; &gt; GRE  V - V - V - M  - V - V - M  - W (L D Carrel  - Om 4=1+HT-52m 5=0;  - CVR&lt;25% 3=25-CVR 10 - 24</td><td>-&gt; 6   rlage = 1 5<ht 1="" <="" rlage="1&lt;br"  ="">5<ht 1="" 1<br="" 6="0.2&lt;hT" <="" m="">60% 4=CVR&gt;60% N</ht></ht></td><td>OUT EQUAL TO</td></hts11>	ATER THAN; > GRE  V - V - V - M  - V - V - M  - W (L D Carrel  - Om 4=1+HT-52m 5=0;  - CVR<25% 3=25-CVR 10 - 24	-> 6   rlage = 1 5 <ht 1="" <="" rlage="1&lt;br"  ="">5<ht 1="" 1<br="" 6="0.2&lt;hT" <="" m="">60% 4=CVR&gt;60% N</ht></ht>	OUT EQUAL TO
1 2 3 4 HT CVF	LAYER  CANOPY  SUB-CANOPY  UNDERSTORE  GRD. LAYER  CODES:  R CODES:  ANDING SNAGS:	HT  3 Y 3 EY 1=>25m 0=NONE	2=10<+ 1=0%<	(>>MUCH GRE,  FLAPEN  FLARUN  ATS25m 3=2 <ht<11 2="10&lt;0&lt;/td" ccvr<10%=""><td>ATER THAN; &gt; GRE  V - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - V</td><td>-&gt; 6   rlage = 1 5<ht 1="" <="" rlage="1&lt;br"  ="">5<ht 1="" 1<br="" 6="0.2&lt;hT" <="" m="">60% 4=CVR&gt;60% N</ht></ht></td><td>OLT EQUAL TO)  OLD LUCA  OLD T=HT&lt;0.2m  O=not observed  O=Not observed</td></ht<11>	ATER THAN; > GRE  V - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - VLM  - V	-> 6   rlage = 1 5 <ht 1="" <="" rlage="1&lt;br"  ="">5<ht 1="" 1<br="" 6="0.2&lt;hT" <="" m="">60% 4=CVR&gt;60% N</ht></ht>	OLT EQUAL TO)  OLD LUCA  OLD T=HT<0.2m  O=not observed  O=Not observed
1 2 3 4 HT CVF	LAYER  CANOPY  SUB-CANOPY  UNDERSTORE  GRD. LAYER  CODES:  R CODES:  ANDING SNAGS:  JUDANCE CODES:	HT  3 Y 3 EY 1=>25m 0=NONE :	2=10<+ 1=0%<	(>>MUCH GRE,  FRANCIA  FRANCIA  ITS25m 3=2 <hts11 2="10&lt;C" <10="NONE" cvrs10%="" m="" r="RARE" td="" young<=""><td>ATER THAN; &gt; GRE  V = VLM A </td><td>ATER THAN; = ABO MFR </td><td>OLT EQUAL TO)  OLD LUCA  OLD T=HT&lt;0.2m  O=not observed  O=Not observed</td></hts11>	ATER THAN; > GRE  V = VLM A	ATER THAN; = ABO MFR 	OLT EQUAL TO)  OLD LUCA  OLD T=HT<0.2m  O=not observed  O=Not observed
1 2 3 4 HT CVF	LAYER  CANOPY SUB-CANOPY UNDERSTORE GRD. LAYER CODES: R CODES: ANDING SNAGS: JINDANCE CODES: AND MATURITY: GETATION TYPE	HT  3 Y 3 EY 1=>25m 0=NONE :	2=10<+ 1=0%< N	(>>MUCH GRE,  FRANCIA  FRANCIA  ITS25m 3=2<+TS11  CVRS10% 2=10 <c <10="NONE" m="" r="RARE" td="" young<=""><td>ATER THAN; &gt;GRE  V = VLM A </td><td>ATER THAN; = ABO MER 5<hr/> 5<hr/> 60% 4=CVR&gt;60% N A=ABUNDANT N MATURE</td><td>OUT EQUAL TO)  O.5m T=HT&lt;0.2m  O=not observed  &gt;50</td></c>	ATER THAN; >GRE  V = VLM A	ATER THAN; = ABO MER 5 <hr/> 5 <hr/> 60% 4=CVR>60% N A=ABUNDANT N MATURE	OUT EQUAL TO)  O.5m T=HT<0.2m  O=not observed  >50

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 2 3 TREES: R SHRUBS: GROUND: 4 Wild Cores + A 5-A 0-A 0

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

										vviidii	ire Habitat Assessment Form
ELC Polygon: #35	_(0 As	sessment Type:	□ Vi:	- sual; no	access	s / 🔾-	-Walk throu	gh feature	9		
Extent of Physical In	ıvestiga	ition of Feature:	□-En	ıtire / 🗖	-Partial	, wall	k through p	olygon <i>(in</i>	idicate on map)		
Reptile / Bat Hibe	rnacul		□-Y* [i.e. fe bridge Conta	t / Q-N / eatures the abutmon ains pot t / Q-N /	/ 🗹-Unk hat would ints or cul tential b / 🗹-Unk	knowr d provi llverts pat hik knowr	ide a route un with cracks/c bernacula fe	s (*if yes, nderground, entry points eatures? is (*if yes,	describe in table, including buried of	concrete ovices or i	or rock (e.g. foundations, inactive animal burrows)]
POTENTIAL HIBER	RNACU!				- A	30,00,00	Miles Miller	I beer bar g			
UTM	4	T		ıre Desc				Photo No	o. Spp. C	)bserved	d Using Feature
								<u> </u>			
										***************************************	
Bat Roosting Fea		□-Y* / □-N (i.e. tall tree	। / 🗹-। es with	Unknow h open	vn, no a surroun	acces	s (*if yes, d		rtable below) facing cavities ~	·10m hiç	gh in tree]
POTENTIAL BAT R		<del></del>	·	1 1	1	NI.	Danie Cl	(5 5)	No of Cardillas	W H = See le	· ····································
UTM	Tree	e ID Tree Sp	р.	DBH	Photo	NO.	Decay Cla	ASS (1-5)	No. of Cavities	Heign	t and Type of Cavities
	+					***************************************					<u></u>
										1	
Stick Nests:			Cont	tains lar * / □-N	ge stick / 🗹-Unl	< nest know	ts? n, no acces	ss (*if yes,	, describe in tabl	le belov	v)
STICK NEST(S) IDE	ENTIFIE		T	Т	0 : -		T A CI-	T TOT . 4 . TAI	- 1 6 .		
UTM		Tree ID	1	1 ree	Spp.		Nest Size	Photo N	o. Spp. c	<b>Jbserve</b>	d Using Feature
			+						***		
							1				***************************************
Seeps/Springs/Vo			□-Y*	* / 🔾-N	/ 🖙-Unl	ings/ know	vernal pools n, no acces	s? ss (*if yes,	, describe in tabl	le below	v)
SEEP / SPRING / VE	ERNAL	POOL FEATURE						1			T
UTM		Feature No. & T	уре	(Diame		Wa	ter Depth	Photo No	o. Sub/Emerger Spp. Preso		Shrubs/ Logs at Edge Present?
				***************************************	-		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			MH	
			+		-						
									1		<u> </u>
SPECIES & HABITA	AT OBS	ERVATIONS (lis	t spec	ies and	type of	obser	vation & inc	dicate on 1	map)		
											91 988
											1. 12
											7 8

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		
W		
4		
_	ALL SALES	

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

## Roadside ELC, **Woodland & Wildlife Habitat Assessment Form**

Stantec	Fax: (519) 836-24
	1/

Juliust					
Project Number:	16095026	,9	Project Name:		
Date:	June 20	1,2012	Field Personnel:	C. Pargett	e
Veather Conditions:	TEMP (°C): 33	WIND: 3-4	CLOUD:	PPT: hone	PPT (in last 24 hrs

## **POLYGON DESCRIPTION**

		TOPOGRAPHIC F	EATURE	HISTORY
ELC	POLYGON: 36-7 START TIME:	D RIVERINE D BOTTOMLAND D TERRACE D VALLEY SLOPE	☐ TALUS ☐ CREVICE / CAVE ☐ ALVAR ☐ ROCKLAND ☐ BEACH / BAR	COLTURAL
DESCRIPTION & CLASSIFICATION	END TIME:		O SAND DUNE O BLUFF	

### STAND DESCRIPTION:

	LAYER	нт	CVR		IES IN ORDER OF DEATER THAN; >GRE		
1	CANOPY		88 U. E	Redcak	> Buroak >	reen cook =	Swarmade
2	SUB-CANOPY				HILE BUILDING		9
3	UNDERSTOREY		10 11				
4	GRD. LAYER			e la la		TELL Years, Tree	
CVF	CODES: R CODES: ANDING SNAGS:	0=NONE	1=0%<	CVR≤10% 2=10<	CVR≤25% 3=25 <cvr≤< th=""><th>660% 4=CVR&gt;60% N</th><th>/O=not observed &gt;50</th></cvr≤<>	660% 4=CVR>60% N	/O=not observed >50
480	INDANCE CODES:		N:	NONE RERAF	E O=OCCASIONAL	A=ABUNDANT N	O=Not observed
ST/	AND MATURITY:	PIONEER		YOUNG	MID-AGE	MATURE	OLD GROWTH
VE	GETATION TYPE:		_			CODE:	
AE	52	doak	10	rest		FGDA	-

**Evidence of Disturbance / Notes:** 

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

ABUNDANCE CODES: N=NONE R=RAI	CARL RESE		YER		DISTANCE	FROM RD.	TENES:
SPECIES CODE	1	图2版	高2部	4	≤8 m	>5 m	COLL
REES:	Talles ballion			Balty	19 Table In		10.34
red coals	A		7 7 1 1 1				
white cla	0						
Bassmood	120						
grean asl	0						
VOLANDE	00			Towns a			
Shagbal hickory	0						
Shagtent hickory Sofumaple	0						
HRUBS:	FUET DESIGN		die die s		Ad a pro-	性(2002)	
			-	-			$\vdash$
							-
GROUND:			M. Harry		<b>建筑</b>		
			-		-		
					-		
				0.0			

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

ELC Polygon:	#26-2	Assessment Ty	ype: 🕰-Visual	; no access / [	⊒-Walk through	feature

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

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

□-Y\* / □-N / 図-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]

NTIAL 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]

UTM T	Tree ID	Tree Spp.	DBH	Photo No.	Decay Class (1-5)	No. of Cavities	Height and Type of Cavities
		323 II II II V					

Stick Nests:

Contains large stick nests?

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

UTM	Tree ID	Tree Spp.	Nest Size	Photo No.	Spp. Observed Using Featur
				1 1/221	

Seeps/Springs/Vernal Pools: Contains seeps/springs/vernal pools?

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

UTM	Feature No. & Type	Feature Size (Diameter)	Water Depth	Photo No.	Sub/Emergent Veg. Spp. Present?	Shrubs/ Logs at Edge Present?
A LA MALLEL I I					a Sweek, take u	

SPECIES & HABITAT OBSERVATIONS (list species and type of observation & indicate on map)							
1.6							

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

al .	60	
	3	
1/2	3	
318		

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

# Roadside ELC, Woodland & Wildlife Habitat Assessment Form

1/3	Canada N1G 4P5 Tel. (519) 836-6050
Stanfor	Fax: (519) 836-2493

Project Number: 160850269			Project Name:	NRUC	
in the second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second se	Jue 29		Field Personnel:	C. Page	tre :
ther Conditions:	TEMP (°C):	WIND:	CLOUD:	PPT:	PPT (in last 24 hrs

### POLYGON DESCRIPTION

		TOPOGRAPHIC FEATURE	HISTORY
COMMUNITY	POLYGON: 36-1 START TIME: END TIME:	D LACUSTRINE D TALUS D RIVERINE D CREVIC D BOTTOMLAND D ALVAR D TERRACE D ROCKLE D VALLEY SLOPE D BEACH. D TABLELAND D SAND D D ROLL. UPLAND D BLUFF	CULTURAL AND BAR

#### STAND DESCRIPTION:

LAYER HT CVR				SPECIES IN ORDER OF DECREASING DOMINANCE (>>MUCH GREATER THAN; >GREATER THAN; = ABOUT EQUAL TO)					
1	CANOPY		10.11	greenad	U)Shanba	k hickon	2 Buroak		
2	SUB-CANOPY	ž. 11			U	0			
3	UNDERSTOREY								
4	GRD. LAYER	NE PE	1				80 J. DE _ 89		
CVI	CODES:				m 4=1 <hts2m 6="0.5&lt;br">/R≤25% 3=25<cvr≤6< th=""><th></th><th>O=not observed</th></cvr≤6<></hts2m>		O=not observed		
CT.	ANDING GNAGG.					23 - 30	>50		
	ANDING SNAGS: INDANCE CODES:		N	NONE RERARE	0=0CCASIONAL		>50 O=Not observed		
ABL	INDANCE CODES:	PIONEE			O=OCCASIONAL MID-AGE	A=ABUNDANT N/	O=Not observed OLD GROWTH		
ABL ST	INDANCE CODES:	<u> </u>	R	NONE RERARE	O=OCCASIONAL MID-AGE	A=ABUNDANT N/	O=Not observed OLD GROWTH		

Evidence of Disturbance / Notes:

ABUNDANCE CODES: N=NONE R=RARE	LAYER				DISTANCE		
SPECIES CODE	111	2	點3點	4	≤8 m	>5 m	COLI
REES:			Miles.	We in	E OUE	Ole a land	IF A
green and Shadocakhickog Burook	D		VISIT V				
Smala Khickon	0						
Burgale	0						
		-					
							1
				-	<del> </del>	-	+-
			-	-		+	-
						<del> </del>	-
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Signature			ignatu		and to complete	o logi	
Signature: (Field Personnel)			MIIAIM	0.		t Manager)	

ELC Polygon: # 36-1	Assessment Type: ☑-Visual; no access / □-Walk through feature	
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Extent of Physical Investigation of Feature: Q-Entire / Q-Partial, walk through polygon (indicate on map)

			ä
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]

TENTIAL 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]

UTM	Tree ID	Tree Spp.	DBH	Photo No.	Decay Class (1-5)	No. of Cavities	Height and Type of Cavities
			-				
						120	

Stick Nests: Contains large stick nests?

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

	 Nest Size	Tree Spp.	Tree ID	UTM
 				The state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the s

Seeps/Springs/Vernal Pools: Co

Contains seeps/springs/vernal pools?

□-Y\* / □-N / ②-Unknown, no access (\*if yes, describe in table below)

UTM	Feature No. & Type	(Diameter)	Water Depth	Photo No.	Sub/Emergent Veg. Spp. Present?	Shrubs/ Logs at Edg Present?

SPECIES & HABIT	AT OBSERVATIONS (list s	pecies and type of observation & indicate on	map)	



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P	rojec	Num
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Stantec Consulting Ltd. Coll. Tile 37:

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- 70 Southgate Drive		Roadside ELC,
uelph, ON	Poly I	Woodland & Wildlife Habit
anada N1G 4P5		Woodialia & Wilding Habit
el: (519) 836-6050	•	Assessment Form
ax: (519) 836-2493		Maacaailleill i Oilli

Staritet					
Project Number:	16095021	61	Project Name:	NRWC	
Date	June 28		Field Personnel:	N. Charto	
	TEMP (°C):	WIND:	CLOUD:	PPT:	PPT (in last 24 hrs):
Weather Conditions:	30	2-3	50	-	VUID

#### **POLYGON DESCRIPTION**

	TOPOGRAPHIC FEATURE	HISTORY
COMMUNITY DESCRIPTION & CLASSIFICATION POLYGON: 37 -1	□ LACUSTRINE □ TALUS □ RIVERINE □ CREVICE / CAVE □ BOTTOMLAND □ ALVAR □ JERRACE □ ROCKLAND □ VALLEY SLOPE □ BEACH / BAR □ TABLELAND □ SAND DUNE □ ROLL UPLAND □ BLUFF	X NATURAL  ☐ CULTURAL

#### STAND DESCRIPTION:

	LAYER	HT CVR SPECIES IN ORDER OF DECREASING DOMINANCE (>>MUCH GREATER THAN; >GREATER THAN; = ABOUT EQUAL TO)									
1	CANOPY	2	4	CAROVAT > FRAX = QUERUBRITILAMER							
2	SUB-CANOPY	_									
3	UNDERSTOREY	_									
4	GRD. LAYER	5-7	Ч	4 Crows							
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</ht≤0.5m<></ht≤1m<></ht≤2m<></ht≤10m<></ht≤25m<>											
<b>STANDING SNAGS</b> : <10 10 - 24 25 - 50 >50											
ABI	JNDANCE CODES:		N	=NONE R=RARI	O=OCCASIONAL	A=ABUNDANT !	N/O=Not observed				
STAND MATURITY: PIONEER YOUNG MID-AGE MATURE OLD GROWTH											
VEGETATION TYPE: F-M Oak-Hickory - Maple Decidnons forest CODE: FOD 9											
COMPLEX CODE:											

Evidence of Disturbance / Notes:

- could not 10 other ground veg

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

ABUNDANCE CODES: N=NONE R=RAR  SPECIES CODE		LA	YER		DISTANCE	COLL	
SPECIES CODE	1	2	3	4	≤5 m	>5 m	LULL
TREES:		r Carl	100		HANNE OF		198
CAROVAT	A						
QUERUBE	R-0					V	
OSTVIRGO		R				1	
FRAX SP	0			I			
TILAMER	12-0					/	
CAROVAT QUERURE OFTVIRG FRAX SP TILAMBR QUEBICU	R					/	
	Secondor unscription						
(1, 3w (15)							
SHRUBS:	urtar Esca	States	124113	E78194	1987	ASSIT	
			-	-			
1000-110-1-1-00-1-00-10-00-10-00-10-0							
GROUND:		o singless		Edit year	CONTRACTOR OF THE	agen of	
PHAARUM	anega in bessery	14104	10000	A			
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						4	
Λ Λ							$ld_{-}$

Signature: (Field Personnel) Quality Control This form is complete 2 & legible 2

Signature:

ELC Polygon: #37-	Assess	ment Type: 🗹-	Visual; no	access / [	ີ່ <b>J</b> -Walk throເ	igh feature			
Extent of Physical Inv	estigation	of Feature: □-	Entire / 🗆	I-Partial, wa	alk through p	oolygon <i>(ind</i>	dicate on map)		
Reptile / Bat Hiber	nacula Fe	□- [i.e brid Co □-	Y* / □-N . features t lge abutmo ntains po Y* / □-N	/ ☑-Unknov hat would pre- ents or culver itential bat h / ☑-Unknov	wide a route us s with cracks/ hibernacula f	ss (*if yes, onderground, entry points, features? ss (*if yes, o	describe in table including buried c	concrete vices or i	or rock (e.g. foundations, inactive animal burrows)]
POTENTIAL HIBER	NACULA F		<del></del>						
UTM		Fea	ture Desc	cription		Photo No	. Spp. O	bserved	d Using Feature
Bat Roosting Feat			1-Unknov vith open	vn, no acce surroundin	ss (*if yes, ogs, DBH >25	5cm, side-f	table below) acing cavities ~		gh in tree] t and Type of Cavities
Stick Nests:		Co	ntains la Y* / ロ-N	rge stick ne / ☑-Unkno	sts? wn, no acces	ss (*if yes,	describe in tabl	e belov	v)
STICK NEST(S) IDEN		Tree ID	Т	- C	Nost Simo	Dhasa Ni	S (	<u> </u>	111 F
UTM		Tree ID	1 ree	Spp.	Nest Size	Photo No	). Spp. C	Dserve	d Using Feature
Seeps/Springs/Vei		<u> </u>	Y* / □-N	/ 🗖-Unkno	/vernal pool wn, no acces	s? ss (*if yes,	describe in tabl	e belov	v)
SEEP / SPRING / VEF	RNAL POO	L FEATURE(S)				1	6.1/5	4 37	
UTM	Feat	ure No. & Type	Featur (Diam	1 100	ater Depth	Photo No.	Sub/Emerger Spp. Prese		Shrubs/ Logs at Edge Present?
SPECIES & HABITA	r observ	ATIONS (list sp	ecies and	type of obse	rvation & in	dicate on n	 iap)		
						•		<del></del>	* **

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

Stantec	Stantec Con 1 – 70 South Guelph, ON Canada N10 Tel: (519) 83 Fax: (519) 83	gate Driv 3 4P5 6-6050	td. Call. Poly		Woodla	oadside EL0 nd & Wildlife sessment Fo	Habitat
Project Number:	16095	026	9		Project Name:	NRWC	
Date:	June	28	-1		Field Personnel:	N. Charlto	
1						T	
Weather Conditions:	TEMP (°	C):	2-3		CLOUD:	PPT:	PPT (in last 24 hrs)
	, ,,,,,			<u></u>	POLYGON DES	CRIPTION	
				F	TOPOGRAPHIC F	EATURE	HISTORY
ELC	POLYGON:	37	1-2	ĺ	LACUSTRINE DRIVERINE	☐ TALUS ☐ CREVICE / CAVE ☐ ALVAR	NATURAL CULTURAL
COMMUNITY DESCRIPTION & CLASSIFICATION	START TIME:		:00 pn	^_	DIBOTTOMLAND DITERRACE DIVALLEY SLOPE DIVABLELAND ROLL. UPLAND	☐ ROCKLAND ☐ BEACH / BAR ☐ SAND DUNE ☐ BLUFF	GOLTONAL
				ļ.	□ CLIFF		
STAND DESCRIP	TION:						
LAYER	нт	CVR				ECREASING DOM	
1 CANOPY	2	Ч	PINISTY	20			
2 SUB-CANOP	Υ						
3 UNDERSTORE	Υ						
4 GRD. LAYER	V 7	2	SOLIDA				
HT CODES: CVR CODES:						5 <ht≤1m 6="0.2&lt;HT≤&lt;br">60% 4=CVR&gt;60% N</ht≤1m>	
STANDING SNAGS	: K/	0	<10		10 – 24	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	re Con	fero	us Plai	Ha	tion	CODE: CU	<b>2</b> 3-2
COM	PLEX					CODE:	
Evidence of Distr			rees .	~ 1	om tal	/	
	-can't	se	e insic	de	far, g	round veg	doub + ful

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

SPECIES CODE		LA'	YER		DISTANCE	COLL.	
	1	2	3	4	≤5 m	>5 m	COLL.
TREES:		兴學生	29/12				7/11
PINSTRD	IA					\ \ \ \ \ \	
PINISTRD	<u> </u>			0			
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SHRUBS:		1350 IA	SER CONTRACTOR				11.20
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GROUND:	122708	45.35.35		150.E	F + 10 # c	Sections.	1354
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STUDAGO				A			
DAISY	1			R			
		1					

Signature: MMDalks	
(Field Personnel)	

Quality Control: This form is complete \$8 legible (I)

Signature: (Project Manager)

ELC Polygon: #37-	2 Asses	sment Type: 🗵	l-Visual; n	o access /	<b>-</b> \	Walk throu	gh feature	Э			
Extent of Physical Inv	- restigation	of Feature:	I-Entire / C	<b>]</b> -Partial, v	valk	through p	olygon <i>(ir</i>	dic	ate on map)		
Reptile / Bat Hiber	nacula F	[i br C	I-Y* / □-N i.e. features to idge abutmontains pontains pontains pontains	/ D-Unknothat would pents or culve otential bat	own rovierts v t hib own	de a route un with cracks/coernacula fe	s (*if yes, iderground, intry points eatures? s (*if yes,	de, inc	scribe in table duding buried c posed rock crev scribe in table	onerete d iees or i	or rock (e.g. foundations, nactive animal burrows)]
POTENTIAL HIBER	NACULA				1111117	med mine.	cares				
UTM		F	eature Des		Photo No. Spp. Obs			bserved	Using Feature		
Bat Roosting Feat	ures:	Contains pot □-Y* / □-N / [i.e. tall trees	☑-Unknov	wn, no acc	ess	(*if yes, de				10m hig	gh in tree]
POTENTIAL BAT RO	1										
UTM	Tree ID	Tree Spp.	DBH	Photo N	0.	Decay Cla	nss (1-5)	No. of Cavities Height			and Type of Cavities
Stick Nests:		C	ontaìns la I-Y* / □-N	rge stick n / ☑-Unkn	ests own	s? ı, no acces	s (*if yes,	de	scribe in tabl	e below	)
STICK NEST(S) IDEN	TIFIED	Tree ID	Tree	e Spp.		Nest Size	Photo N	•	Snn C	Dreamyou	d Using Feature
Seeps/Springs/Ver		<u>_</u>	]-Y* / □-N	/ ☑-Unkn	gs/v own	rernal pools n, no acces	s? s (*if yes,	de	scribe in tabl	e below	)
UTM		iture No. & Typ	Footna	e Size	Wat	er Depth	Photo No	D.	Sub/Emergen Spp. Prese		Shrubs/ Logs at Edge Present?
SPECIES & HABITA	Γ OBSERV	ATIONS (list s	pecies and	type of ob	serv	vation & inc	dicate on	mai	))		
											- Š,
											5.4

Stantec	Stantec Con 1 – 70 South Guelph, ON Canada N10 Tel. (519) 83 Fax: (519) 83	gate Driv 6 4P5 6-6050	Poly 3	Woodla	oadside EL nd & Wildlif sessment F	e Habitat
Project Number:	1609	502	69	Project Name:	NRWC	
Date:	June	<del>/ -</del>	* '	Field Personnel:		
	TEMP (°	<u>~</u>	WIND:	CLOUD:	PPT:	PPT (in last 24 hrs)
Weather Conditions:	30		2-3	50	_	raup
		1		POLYGON DES	CRIPTION	
				TOPOGRAPHIC F		HISTORY
COMMUNITY	POLYGON: START TIM END TIME:	3+	-3	ID LACUSTRINE  PRIVERINE  PROTTOMLAND  ID TERRACE  ID VALLEY SLOPE  ID TABLELAND  ID ROLL. UPLAND  ID CLIFF	☐ TALUS ☐ CREVICE / CAVE ☐ ALVAR ☐ ROCKLAND ☐ BEACH / BAR ☐ SAND DUNE ☐ BLUFF	MATURAL CULTURAL
STAND DESCRIP	TION:	·	l epecie	S IN ODDED OF I	DECREASING DOM	MNANCE
LAYER	HT	CVR			ATER THAN; = A	
1 CANOPY						
2 SUB-CANOP	1					
3 UNDERSTORE	Υ		_	į		
4 GRD. LAYER	5-7	4	PHARU	$\sim$		
HT CODES: CVR CODES:					.5 <ht≤1m 6="0.2&lt;HT&lt;br">660% 4=CVR&gt;60%</ht≤1m>	
STANDING SNAGS	419	MAG	<10	0 10 = 24	25 = 50	>50
ABUNDANCE CODES:		N	=NONE R=RARE	O=OCCASIONAL	A=ABUNDANT I	N/O=Not observed
STAND MATURITY:	PIONEER	1	YOUNG	MID-AGE	MATURE	OLD GROWTH
VEGETATION TYPE	: 1 1/201 1	nine	al meadi	ow mersh	CODE: MAM	2-2
	PLEX				CODE:	
Evidence of Distr	ırbance / l	Notes:				
-dep	ression	al	area alo	ng water	coursele	hannel
						on 4 m wie

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 SPECIES CODE COLL. 1 2 4 ≤5 m >5 m 3 TREES: SHRUBS: GROUND: PHAARUN D

			1	1	65	1
Signature: MUMA (Field Personnel)		y Contro	(/1/	atal	Cars Manager)	ole 6.

ELC Polygon: #37-	3 Asses	sment Type:	☑-Vis	sual; n	o acce:	ss / 🗖	-Walk throu	igh feature	•		
Extent of Physical Inv	restigation	of Feature:	<b>□</b> -En	itire / 🗆	<b>]</b> -Partia	ai, wal	k through p	olygon <i>(in</i>	dicate on map)		
Reptile / Bat Hiber	nacula F		□-Y* [i.e. fc bridge Conta □-Y*	/ 🗆-N catures to abutmo ains po / 🗹-N	/ 🗹-Ur hat wou ents er c tential / 🗀-Ur	iknow Id provulverts bat hil	ide a route ur with cracks/c bernacula fe	is (*if yes, anderground, entry points, eatures? is (*if yes, and is the second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second	describe in table including buried	concrete vices or	or rock (e.g. foundations, inactive animal burrows)]
POTENTIAL HIBER	NACULA	FEATURE(S)	IDEN	TIFIE	D			,			
UTM			Featu	re Desc	cription	1		Photo No	. Spp. C	)bserve	d Using Feature
				<del>*************************************</del>							
Bat Roosting Feat		[i.e. tall tree	/ □-L s with	J <mark>nknov</mark> n open	vn, no surrou	acces	s (*if yes. de	escribe in cm, side-f	<i>table below)</i> acing cavities ~	10m hi	gh in tree]
POTENTIAL BAT RO UTM	Tree ID					- NT-	D. CI	(4.4%)	N 46 111	T	
OTM	Tree ID	Tree Spp	). 	DBH	Photo	0 140.	Decay Cla	ass (1-5)	No. of Cavities	Heigh	t and Type of Cavities
Stick Nests:			Conta □-Y*	ains Iar / 🗷-N	rge stic / <b>□</b> -Ur	k nest nknow	ts? n, no acces	s (*if yes,	describe in tabl	e belov	v)
STICK NEST(S) IDEN UTM	TIFIED	Tree ID		Т			N . C'	DI . N			
OTIV		Tree ID		1 ree	Spp.		Nest Size	Photo No	). Spp. 0	Dbserve	d Using Feature
Seeps/Springs/Ver			□-Y*	/ 🗀-N	/ <b>W</b> -Un	rings/ know	vernal pools n, no acces	s? s (*if yes,	describe in tabl	e belov	v)
SEEP / SPRING / VER	NAL POC	L FEATURE	(S) ID	ENTII	FIED	1					
UTM	Fea	ture No. & Ty	pe	(Diame		Wa	ter Depth	Photo No.	Sub/Emerger Spp. Prese		Shrubs/ Logs at Edge Present?
SPECIES & HABITAT	COBSERV	'ATIONS (list	specie	es and	type of	obser	vation & inc	licate on m	lan)		
					2,700	0.0001	THE STATE OF THE	sicate on in	.щр)		
											V)
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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

Stantec	Stantec Con 1 – 70 South Guelph, ON Canada N10 Tel. (519) 83 Fax: (519) 83	4P5 6-6050	Ltd. <b>Coll.</b> T * <b>POly</b> 4	Woodla	oadside EL0 nd & Wildlife sessment Fo	Habitat							
Project Number:	16000	502	69	Project Name:	NRINC								
Date:	Tune	28	2012	Field Personnel:	11000								
2010	Juve	The state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the s											
Weather Conditions:	TEMP (°	C):	WIND: 2-3	cloud: 50	PPT:	PPT (in last 24 hrs).							
				POLYGON DES	CRIPTION								
		TOPOGRAPHIC FEATURE HIST											
ELC COMMUNITY	POLYGON: START TIM	37 E: 6:	- 4 30	□ LACUSTRINE □ RIVERINE □ BOTTOMLAND □ TERRACE □ VALLEY SLOPE	□ TALUS □ CREVICE / CAVE □ ALVAR □ ROCKLAND □ BEACH / BAR	NATURAL CULTURAL							
DESCRIPTION & CLASSIFICATION	END TIME:			☐ TABLELAND ■ ROLL UPLAND ☐ CLIFF	☐ SAND DUNE ☐ BLUFF								
STAND DESCRIP	TION:												
LAYER	нт	CVR			ECREASING DOM ATER THAN; = AB								
1 CANOPY	2-3	3	LLMAMER	2									
2 SUB-CANOP	Y												
3 UNDERSTORE	Y 4	4	Comus	\$24									
4 GRD. LAYER	1-7	4	SOLIDAGO:	> GRASS									
HT CODES: CVR CODES:					5 <ht≤1m <b="">6=0.2<ht≤ 60% <b>4=</b>CVR&gt;60% N</ht≤ </ht≤1m>								
STANDING SNAGS	:		<10	10 – 24	25 – 50	>50							
ABUNDANCE CODES:		١	-NONE R=RARE	O=OCCASIONAL	A=ABUNDANT N	O=Not observed							
STAND MATURITY:	PIONEER	2	YOUNG	MID-AGE	MATURE	OLD GROWTH							
VEGETATION TYPE	"ELM	culti	rul wordlave	<u> </u>	CODE: CUW	1-5*							
COM	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 observe

ABUNDANCE CODES: N=NONE R=RARE O=  SPECIES CODE	COURS	LA	YER	DISTANCE	FEEDS WITH		
SPECIES CODE	1.1	2	3	4	≤5 m	>5 m	COLL
TREES:	4944					想图像是	
ULMAMER	A						
SHRUBS:			A	100.60			
gray dogwood hawthorn		R					
ODOUND	Source						
GROUND:	1000	1.1.3		A A-0	V		- 17/11
CPACS	1			4-0		1	
ACHMILLE	1	<b></b>		0	1	/	
SOLIOABL GRASS ACHMILLE Galium				0			

Signature:	1
(Field Personnel	)

uality Control This form is completed & legible D

								Wildli	ife Habitat Assessment Form		
ELC Polygon: #37-	4 Asses	ssment Type:	☐-Visual; no	access	/ □-Walk thro	ough feature					
Extent of Physical In	<b></b> '										
Reptile / Bat Hibe			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										
UTM			Feature Desc	ription		Photo No	Spp. O	bserve	1 Using Feature		
Bat Roosting Feat		□-Y* / □-N [i.e. tall tree	s with open	vn, no ac surround	ccess (*if yes,	describe in 25cm, side-f	table below) acing cavities ~	10m híg	gh in tree]		
UTM	Tree ID			Photo	No Decay (	Class (I-5)	No. of Cavities	Haigh	t and Type of Cavities		
ORIVE	Titte in	Tree op	D. DEKI	1 11010	Decay (	Jinss (1-3)	140. Of Cavities	Heigh	t and Type of Cavities		
Stick Nests:			Contains la	ge stick	nests?	ass (*if vas	describe in tabl	o holou	<i>A</i>		
STICK NEST(S) IDE	NTIFIED		<u> </u>	7 427-0118	nown, no acc	ess ( 11 yes,	describe in tabl	e neion	v)		
UTM		Tree ID	Tree	Spp.	Nest Siz	e Photo No	). Spp. (	bserve	d Using Feature		
		***************************************		·····							
Seeps/Springs/Ve			□-Y* / □-N	/ 🖭 - Unk	ngs/vernal po nown, no acc	ols? ess (*if yes,	describe in tabl	e belov	v)		
SEEP / SPRING / VE	RNAL POO	OL FEATURE					16.175	. 47			
UTM	Fea	ature No. & Ty	pe Feature (Diam		Water Depth	Photo No	Sub/Emerger Spp. Prese	nt Veg.	Shrubs/ Logs at Edge Present?		
		***************************************			**************************************			***************************************			
SPECIES & HABITA	T OBSER	VATIONS (list	snecies and	type of o	bservation &	indicate on n	191)				
	9		opostos title	v, pv 0. 0	0001144101144	indicate ou i	р/		-2- <sub>7</sub>		
									mag Pin		
0											

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 Con 1 – 70 South Guelph, ON Canada N10 Tel: (519) 836 Fax: (519) 83	gate Driv 4P5 6-6050	.td. Coll · 7 Poly S	Woodlar	oadside ELC nd & Wildlife sessment Fo	Habitat
Project Number:	1609	5021	1	Project Name:	NRWC	
Date:			2012	Field Personnel:	N. Charlton	^
Weather Conditions:	TEMP (°	C):	WIND: 2-3	CLOUD:	PPT:	PPT (in last 24 hrs):
				POLYGON DES	CRIPTION	
				TOPOGRAPHIC F	EATURE	HISTORY
ELC	POLYGON: START TIMI END TIME:		-5 15	☐ LACUSTRINE ☐ RIVERINE ☐ BOTTOMLAND ☐ TERRACE ☐ VALLEY SLOPE ☐ TABLELAND ☐ ROLL. UPLAND ☐ CLIFF	☐ TALUS ☐ CREVICE / CAVE ☐ ALVAR ☐ ROCKLAND ☐ BEACH / BAR ☐ SAND DUNE ☐ BLUFF	□ NATURAL CULTURAL
STAND DESCRIP	TION:					
LAYER	нт	CVR			ECREASING DOMI	
1 CANOPY	2-3	3	PINUS >AC	EFREEDL	LMANER	
2 SUB-CANOP	Υ					
3 UNDERSTORE						
4 GRD. LAYER	- 21	4_	cum veg			
HT CODES: CVR CODES:					5 <ht≤1m 6="0.2&lt;HT≤0&lt;br">60% 4=CVR&gt;60% N/</ht≤1m>	
STANDING SNAGS	: <i>KII</i>	6	<10	10 – 24	25 – 50	>50
ABUNDANCE CODES:	7-7	N	=NONE R=RARE	O=OCCASIONAL	A=ABUNDANT N/	O=Not observed
STAND MATURITY:	PIONEER		YOUNG	MID-AGE	MATURE	OLD GROWTH
VEGETATION TYPE	mixed	cul	wal wood	dland	CODE: CHW	1-6*

CODE:

COMPLEX
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 observe

ABUNDANCE CODES: N=NONE R=RARE O= SPECIES CODE		LA	YER	THE SECOND	DISTANCE	COLL.	
	1	2	3	4	≤5 m	>5 m	COLL
TREES:			700		TO PER	TANKS V	
PINKESI (red pine)	A		ļ		V	1	
ALEFRÉE '	A	A			_		
PINGLESI (red pine) ALEFREE ULMAMER	0				V		
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SHRUBS:	iliesii—a	Y Cavele	0.87/92	10.00	147 605 0	nescanya)	1341
							3.77
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	1					-	
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		ļ					
GROUND:					Distance of	W E SE	: (5)
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	1	-					
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		<u> </u>		<b> </b>			
	$\top$		ļ				<u> </u>
	1	-		<del>                                     </del>			

Signature: (Field Personnel)

Quality Control: This form is complete & legible

ignature:

ELC Polygon: #37-5 Extent of Physical Inv	-								
Reptile / Bat Hiberi	nacula Fo	□-Y [i.e.: brìdg Con □-Y	/* / □-N / features the ge abutmentains port /* / ☑-N /	/ ☑-Unknow hat would proents or culvert tential bat h / □-Unknow	vide a route un s with cracks/e libernacula fe	s (*if yes, aderground, entry points, eatures? s (*if yes, a	describe in table including buried c	onerete or in	or rock (e.g. foundations, nactive animal burrows)]
POTENTIAL HIBERN	NACULA I								
UTM		Feat	ture Desc	ription		Photo No	. Spp. O	bserved	Using Feature
				***************************************					
				<del></del>					
Bat Roosting Feat			f-Unknow ith open	vn, no acces surrounding	ss (*if yes, de	e <i>scribe in</i> cm, side-f	table below) acing cavities ~	10m hig	nh in tree]
POTENTIAL BAT RO	1				Danner Cla	(1.5)	NY CONTRACT	** :-1-4	I To a CO a Maria
UTM	Tree ID	Tree Spp.	DBH	Photo No.	Decay Cla	ISS (1-5)	No. of Cavities	Height	and Type of Cavities
					- 6				
			<u> </u>						
Stick Nests: STICK NEST(S) IDEN	TIFIED	Cor □-\	ntains lar ∕* / ロ-N	rge stick nes / ☑-Unknov	sts? vn, no acces	s (*if yes,	describe in tabl	e below	)
UTM	IIII	Tree ID	Tree	Spp.	Nest Size	Photo No	o. Spp. (	) bserve	d Using Feature
				JH. 30-III.				<del></del>	8-480-8-8-4-0
		0		4 4					
Seeps/Springs/Ver	nal Poor	S: Cor	itains se /* / □-N	eps/springs / 12-Unknov	s/vernal pools wn, no acces	š? is (*if yes,	describe in table	e below	·)
SEEP / SPRING / VER	NAL POO		IDENTII	FIED					
UTM	Fea	nture No. & Type	Feature (Diame	1 20	ater Depth	Photo No	Sub/Emergen Spp. Prese		Shrubs/ Logs at Edge Present?
			***************************************		***************************************			***************************************	
SPECIES & HABITAT	г observ	ATIONS (list spe	cies and	type of obse	rvation & in	dicate on n	nap)		
									IKS .
									. 1
									-555

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 Numbe	1 – 70 Guelg Cana Tel: ( Fax: (	<del></del>	gate Driv 3 4P5 3-6050	Poly 6	Woodlai Ass	oadside EL nd & Wildlife sessment Fo NRW <sup>C</sup> N-Char Hor	e Habitat orm					
Weather Conditions:		TEMP (°	PPT:	PPT (in last 24 hrs):								
					POLYGON DES	CRIPTION						
					TOPOGRAPHIC F	EATURE	HISTORY					
ELC  COMMUNITY DESCRIPTION & CLASSIFICATION	STAF	(GON: RT TIM TIME:	3+	-6 :40	☐ LACUSTRINE ☐ RIVERINE ☑ BOTTOMLAND ☐ TERRACE ☐ VALLEY SLOPE ☐ TABLELAND ☑ ROLL. UPLAND ☐ CLIFF	☐ TALUS ☐ CREVICE / CAVE ☐ ALVAR ☐ ROCKLAND ☐ BEACH / BAR ☐ SAND DUNE ☐ BLUFF	□ NATURAL					
STAND DESCRI	DTIO	d.										
	PHO			SPECII	S IN ORDER OF I	PECREASING DOM	IINANCE					
LAYER		HT CVR SPECIES IN ORDER OF DECREASING DOMINANCE (>>MUCH GREATER THAN; > GREATER THAN; = ABOUT EQUAL TO)										
1 CANOPY		2-3	3	QUEMA	V >> SAL	-1X = CAPROVA	T=PRAPENN					
2 SUB-CANOI	PY			1		•						
3 UNDERSTOR	REY	4	2	dugwood >	SDIALBA							
4 GRD. LAYE		5-7	4	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	>AVENS> G							
HT CODES: CVR CODES:		=>25m				.5 <ht≤1m 6="0.2&lt;HT:&lt;br">:60% 4=CVR&gt;60% N</ht≤1m>						
STANDING SNAG			1/0	<10	10 – 24	25 - 50	>50					
ABUNDANCE CODES				N=NONE R=RARE	O=OCCASIONAL		I/O=Not observed					
STAND MATURIT		IONEEF	·li	YOUNG	MID-AGE	MATURE :	OLD GROWTH					
VEGETATION TYP	re: uou	20	wai	moor wet.	forest	CODE: SWD	/F6D					
COI	MPLEX	(				CODE:						
Evidence of Dis	turbai	nce / I	Votes	: 1		1 1	0 1					
- lots of swamp white oak by road, hard to see how it wouldn't end up being SWD												
- appea	rst	60	i (-	least be	very mo	ist due	to					
						egree of						
in the	c sp	ring	, 0	is well a	reed-ca	ray grass	in interior					

ABUNDANCE CODES: N=NONE R=RARE O=			YER		DISTANCE	oe sno	
SPECIES CODE	10	2	3	4	≤5 m	>5 m	COLL
REES:	33.6	经情的	<b>有走</b>		PERMIT		130
QUEMACK	A	0			V	V	
CAROVAT QUERCUS SP	R	R			V		
QUERCUS SP	R					V	
IN WAANTER	1	0			V	V	
POPTREM	R				V		
ACERUBIC		0					
JALIX	R				V		
POPTREM ACERUBR SALLX FRAJENN	R						
HRUBS:	1918	100		Ara B			Fig
Gray dogwood SPIALBA			A				
SPIALBA			0				
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PHAARUN				A	V	V	
avens				A		~	
michigan lilly				R			
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FLYSTR!			1.1000.000	R	ADDITION OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PA	V	
Michigan lilly Prass LYSTRI TUPANGU				R	V	1	
Tuncus				R	V		
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LAYERS: 1=CANOPY > 10m 2=SUB-CANOPY 3=UNDERSTOREY 4=GROUND (GRD.) LAYER

Signature: ////

(Field Personnel)

Quality Control: This form is complete 2 & legible 2

CONTINUED								Wildl	Roadside ELC, Woodland 8 ife Habitat Assessment Form
ELC Polygon: #37-	b Asses	sment Type: 恆-\	√isual; no	access / 🗆	-Walk throu	gh feature			
Extent of Physical Inv	- estigation	of Feature: 🔲-	Entire / 🗖	-Partial, wal	k through p	olygon <i>(in</i>	dicate on map)		
Reptile / Bat Hiber		□-` [i.e. brid Cor □-` [i.e.	Y* / ☑-N / features the ge abutmentains potent /* / ☑-N / karst topo	nat would provents or culverts tential bat hild land land land land land land land la	n, no acces ide a route un with cracks/c bernacula fo n, no acces	s (*if yes, nderground, entry points. eatures? s (*if yes,	describe in table including buried of	onerete dees or i	or rock (e.g. foundations, inactive animal burrows)]
POTENTIAL HIBER	NACULA F					· · · · · · · · · · · · · · · · · · ·			
UTM		Fea	ture Desc	ription		Photo No	. Spp. C	bserve	d Using Feature
Bat Roosting Feat			i-Unknow ith open	n, no acces surrounding	s (*if yes, d		table below) acing cavities ~	10m hiş	gh in tree]
POTENTIAL BAT RO	OSTING	FEATURE(S) ID	ENTIFIE	D					
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:		Co: □-`	ntains lar Y* / □-N	ge stick nes / ☑-Unknow	ts? n. no acces	ss (*if ves.	describe in tabl	e belov	v)
STICK NEST(S) IDEN	TIFIED								
UTM		Tree ID	Tree	Spp.	Nest Size	Photo No	o. Spp. 0	Observe	d Using Feature
						<u></u>			
Seeps/Springs/Ver		<u> </u>	Y* / 🔾 - N .		vernal pools n, no acces	s? ss (*if yes,	describe in tabi	e belov	v)
SEEP / SPRING / VER	NAL POO	L FEATURE(S)				1			
UTM	Fea	ture No. & Type	Feature (Diame		ter Depth	Photo No	Sub/Emerger Spp. Pres		Shrubs/ Logs at Edge Present?
					***************************************				
SPECIES & HABITAT	Γ OBSERV	ATIONS (list spe	ecies and	type of obser	vation & 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

Stantec	Stantec Con 1 – 70 South Guelph, ON Canada N10 Tel. (519) 83 Fax: (519) 83	gate Driv 3 4P5 3-6050		Woodla	oadside EL nd & Wildlif sessment F	e Habitat
Project Number:	11,044	2	69	Project Name:	NRWC	
Date:	June	28	2012	Field Personnel:	N. Chart	ton
Weather Conditions:	TEMP (°	_′	WIND: 2-3	CLOUD:	PPT:	PPT (in last 24 hrs).
				POLYGON DES	CRIPTION	
				TOPOGRAPHIC F	EATURE	HISTORY
ELC COMMUNITY DESCRIPTION & CLASSIFICATION	POLYGON: START TIM END TIME:	37 E: 7	-7 :00 pm	□ LACUSTRINE □ RIVERINE □ BOTTOMLAND □ TERRACE □ VALLEY SLOPE □ TABLELAND ☎ ROLL. UPLAND □ CLIFF	☐ TALUS ☐ CREVICE / CAVI ☐ ALVAR ☐ ROCKLAND ☐ BEACH / BAR ☐ SAND DUNE ☐ BLUFF	CULTURAL
TAND DESCRIP	TION:	CVR			DECREASING DOI	
	3				ATER THAN; = A	BOUT EQUAL TO)
1 CANOPY 2 SUB-CANOP		2	ELMTA		0000	
3 UNDERSTORE		3		HOCCL > CA	7C0VAT1	
GRD. LAYER		u	5010 10000	Grass		
T CODES:	1=>25m		1 1 11/1- 1-2	m <b>4=</b> 1 <ht≤2m <b="">5=0</ht≤2m>	.5 <ht≤1m 6="0.2&lt;HT&lt;br">≤60% 4=CVR&gt;60%</ht≤1m>	
TANDING SNAGS			<10 <10 €		25 - 50	√ >50
BUNDANCE CODES:		٨	=NONE R=RARE	O=OCCASIONAL	A=ABUNDANT	N/O=Not observed
TAND MATURITY:	PIONEER		YOUNG	MID-AGE	MATURE	OLD GROWTH
EGETATION TYPE	elmo	uttu	ralword a	rel	CODE: CUN	11-5#
СОМ	PLEX				CODE:	
Evidence of Dist	urbance / I	Notes:				
- Hin	strip	oin	front o	C #8		

 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 SPECIES CODE COLL. 1 2 ≤5 m >5 m 3 4 TREES: PINISTR() 12 ~ 0 R R SHRUBS: GROUND: SOLIDAGO GRAST

Signature: Mullium (Field Personnel)

Quality Control: This form is complete D & legible D

Signature:

ELC Polygon: #37-	Assess	ment Type: ☑	1-Visual; n	o access	; / 👊-	-Walk throu	gh feature			
Extent of Physical Inv	- vestigation	of Feature:	J-Entire / ⊏	J-Partial,	, wall	k through p	olygon (inc	licate on map)		
Reptile / Bat Hiber	nacula Fe	[i, br C	I-Y* / Ø-N i.e. features the ridge abutme Contains po I-Y* / Ø-N	/ □-Unki that would ents or cub stential ba / □-Unki	nowr provi verts at hik	ide a route un with cracks/c bernacula fe	is (*if yes, onderground, entry points, eatures? is (*if yes, o	describe in table including buried c	oncrete d	or rock (e.g. foundations, nactive animal burrows)]
POTENTIAL HIBER	NACULA F	EATURE(S) II	DENTIFIE	ED	Uttaine	JI)CG 11411-0.7 G.	I turon			
UTM		Fe	eature Desc	cription			Photo No.	Spp. O	bserved	Using Feature
Bat Roosting Feat			Unknov with open	wn, no ac	cces	s (*if yes, de	escribe in s icm, side-fa	table below) acing cavities ~	10m hiç	jh in tree]
POTENTIAL BAT ROUTE	OOSTING F	Tree Spp.		ED Photo	No	Decay Cla	nge (1-5)	No. of Cavities	Haight	t and Type of Cavities
ULIVE	HICCID	rice Spp.	DUIL	FIIOLU	140.	Decay Cia	158 (1-5)	No. 01 Cavines	Height	and Type of Cavities
Stick Nests:		C	Contains lar ⊒-Y* / ☑-N	rge stick . / □-Unk	nest now	s? n, no acces	ss (*if yes,	describe in table	e below	() -
STICK NEST(S) IDEN						1				
UTM	***	Tree ID	Tree	e Spp.		Nest Size	Photo No	. Spp. C	)bserve	d Using Feature
Seeps/Springs/Ve			]-Y*/@-N	/ 🔲-Unk	ngs/\	vernal pools n, no acces	s? ss (*if yes,	describe in table	e below	)
SEEP / SPRING / VEF	RNAL POOI	L FEATURE(S	<del></del>				1	10.15	. **	
UTM	Feat	ture No. & Typ	Feature (Diam	1	Wat	ter Depth	Photo No.	Sub/Emergen Spp. Prese	it Veg.	Shrubs/ Logs at Edge Present?
				<u></u>						
SPECIES & HABITA	T OBSERVA	ATIONS (list s	pecies and	type of o	bser	vation & inc	dicate on m	іар)		
										9 e
										E4
										#1. \$4
										_

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

Stantec	Stantec C 1 – 70 Soi Guelph, O Canada N Tel. (519) Fax: (519)	uthgate N 11G 4P: 836-60	Drive 5 50	Coll. Poly	Ti 8	Woodla	oadside EL0 nd & Wildlife sessment Fo	Habitat
Project Number:	1609	502	69			Project Name:	NRWC	
Date:	Tun	, 26	À /			Field Personnel:	N. Chacker	$\sim$
			<u>u</u>			•	74 000 110	
Weather Conditions:	TEMI 30	° (°C): <b>)</b>		2-3		CLOUD:	PPT:	PPT (in last 24 hrs):
						POLYGON DES	CRIPTION	
						TOPOGRAPHIC F	EATURE	HISTORY
ELC	POLYGO START T END TIM	3 IME:	7:1	-8		□ LACUSTRINE □ RIVERINE □ BOTTOMLAND □ TERRACE □ VALLEY SLOPE □ TABLELAND ☑ ROLL. UPLAND □ CLIFF	☐ TALUS ☐ CREVICE / CAVE ☐ ALVAR ☐ ROCKLAND ☐ BEACH / BAR ☐ SAND DUNE ☐ BLUFF	□ NATURAL
STAND DESCRIP	TION:							
LAYER	H1	C	/R (				ECREASING DOM ATER THAN; = AB	
1 CANOPY	3	L		PINSTR	1)			
2 SUB-CANOP	Y			•	•			
3 UNDERSTORE	ΕY							
4 GRD. LAYER	2							
HT CODES: CVR CODES:							5 <ht≤1m <b="">6=0.2<ht≤ 60% <b>4</b>=CVR&gt;60% N</ht≤ </ht≤1m>	
STANDING SNAGS	· N	10		<10		10 – 24	25 – 50	>50
ABUNDANCE CODES:			N=N	IONE R=R	ARE	O=OCCASIONAL	A=ABUNDANT N	/O=Not observed
STAND MATURITY:	PIONE	ER		YOUNG		MID-AGE	MATURE	OLD GROWTH
VEGETATION TYPE	nterou	N P	lan	tation		T	CODE: CUP	3-2
II COM	PLEX						CODE:	

**Evidence of Disturbance / Notes:** 

can't see well from roudatall

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

ABUNDANCE CODES: N=NONE R=RARE O  SPECIES CODE		LA'	YER YER	DANI I	DISTANCE	FROM RD.	COLL.
	1	2	3	4	≤5 m	>5 m	COLL
TREES:	g high		3600	樂階		/	9.500
PINSTRO	A						
SHRUBS:	S CHICAL		35-20				
35							
GROUND:		WF 4	£2183-8	\$ 21	10000000000000000000000000000000000000		

Signature:	Mildrak
	(Field Personnel)

Quality Control This form is complete 12 & legible

Signature:

Extent of Physical Ir	<del>_</del>								
Reptile / Bat Hibe	rnacula Fo	[ b C	□-Y* / □-N i.e. features t ridge abutmo Contains po □-Y* / □-N	/ ☑-Unkno hat would prents or culver otential bat / ☑-Unkno	ovide a route u ts with cracks/ h <b>ibernacula</b> t	ss (*if yes, nderground, entry points features? ss (*if yes,	describe in table including buried of exposed rock created describe in table	oncrete or rock ( rices or inactive a	e.g. foundations. mimal burrows)]
POTENTIAL HIBER	RNACULA F	<del></del>							
UTM		F	eature Des	cription		Photo No	o. Spp. C	bserved Using	Feature
Bat Roosting Fea		[i.e. tall trees	/ 🗹 - Unknow with open	wn, no acce surroundin	ess (*if yes, c	describe in 5cm, side-1	table below) facing cavities ~	10m high in tre	ee]
POTENTIAL BAT R UTM	Tree ID	Tree Spp.		Photo No	Decay C	ass (1-5)	No. of Cavities	Haight and To	ype of Cavities
O T IM	Tree ID	ттее эрр.	DBII	1 11010 110	. Decay C	ass (1-5)	110. 01 Cavities	rieight and 1	pe of Cavities
	1								
Stick Nests:	MINER TO FE TO	(	Contains la ⊒-Y* / □-N	rge stick ne / ☑-Unkno	ests? wn, no acce	ss (*if yes,	describe in tabl	e below)	
STICK NEST(S) IDE	NITTED	Tree ID	Tree	e Spp.	Nest Size	Photo N	o Spp (	Observed Using	Feature
OTIVE		TICC ID	110	с орр.	TVEST SIZE	1 Hoto 14	о.   Зрр. (	baci veu Caing	reature
						M44-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-			
Seeps/Springs/Ve	ernal Pools	s: (	Contains se □-Y* / □-N	eeps/spring	s/vernal poo	ls? ss (*if ves.	describe in tabl	e below)	
SEEP / SPRING / VE	RNAL POO				,	. , , , , ,			
UTM	Fea	ture No. & Ty <sub>l</sub>	pe Featur (Diam		ater Depth	Photo No	Sub/Emerger Spp. Preso		s/ Logs at Edge Present?
		***************************************							
CDECIES & HADITA	TOPEEDV	ATIONS (#-4				3:			
SPECIES & HABITA	VI OBSERV	ATIONS (list	species and	type of obs	ervation & ii	idicate on i	nap)		
									\$\frac{1}{2}
									1.50
									. AX
									• 1

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

June, 2012 160950269

Stantec	Stantec Con 1 – 70 South Guelph, ON Canada N10 Tel: (519) 83 Fax: (519) 83	gate <b>D</b> m 3 4P5 3-6050	Ltd. COII. To	Woodla	oadside ELC nd & Wildlife sessment Fo	Habitat
Project Number		160	950269	Project Name:	NRW	
Date:	)vli	1/2	112	Field Personnel:	M. R.SC	
Weather Conditions:	TEMP (°	C): L'	WIND: 2	CLOUD:	PPT: None	PPT (in last 24 hrs):
				POLYGON DES	CRIPTION	
				TOPOGRAPHIC F	EATURE	HISTORY
ELC COMMUNITY DESCRIPTION &	POLYGON: START TIM END TIME:	38	3-6	☐ LACUSTRINE ☐ RIVERINE ☐ BOTTOMLAND ☐ TERRACE ☐ YALLEY SLOPE ET TABLELAND	☐ TALUS ☐ CREVICE / CAVE ☐ ALVAR ☐ ROCKLAND ☐ BEACH / BAR ☐ SAND DUNE	☑fiatural
CLASSIFICATION				CLIFF	□ BLUFF	
STAND DESCRIP	PTION:					
LAYER	нт	CVR			DECREASING DOMI EATER THAN; = ABO	
1 CANOPY						
2 SUB-CANOP	Y					
3 UNDERSTORI	EY					
4 GRD. LAYER		4	1 1 1 1 1 1 1 1 1	> wild Corr	+= WILD to	ase
HT CODES: CVR CODES:					5 <ht≤1m <b="">6=0.2<ht≤0 60% <b>4=</b>CVR&gt;60% <b>N</b>/</ht≤0 </ht≤1m>	23
STANDING SNAGS	:		A <b>/</b> <10	M 10 - 24	25 – 50	>50
ABUNDANCE CODES:		1	NENONE RERARE	O=OCCASIONAL	A=ABUNDANT N/	O=Not observed
STAND MATURITY			YOUNG	MID-AGE	MATURE	OLD GROWTH
VEGETATION TYPI	E:Reed Ca	nary	Grass Mineral	Meadow	CODE: MAM	2-2
	IPLEX				CODE:	

Evidence of Disturbance / Notes:

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

ARIUNDANCE CODES: N=NONE R=RARE 0=OCCASIONAL A=ABUNDANT D=DOMINANT N/0=Not observe

ABUNDANCE	E CODES: N=NONE R=RARE O=	OCCASI	ONAL A	=ABUNI YER	DANT	DISTANCE	FROM RD	coll
	SPECIES CODE	1	2	3	4	≤5 m	>5 m	COLL
TREES:								
SHRUBS:			0.5					2 1 2 2 3 2 2 3 2 3 3 3 3 3 3 3 3 3 3 3
GROUND:			12.5.2.13 12.5.2.13		深川級			
MARK WILL C	RAW   IN arrot	111111111111111111111111111111111111111			0 A O			

Signature:	MAR	Quality Control:This form is complete \( \text{\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\$\}\$}}\$}\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\exititt{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$
_	(Field Personnel)	(Project Manager)

ELC Polygon: # 夏夏 _	Assess	ment Type: ເ	⊒-Visual; n	o access	s / 🔲 -	Walk throu	gh featur	Э		
Extent of Physical Inve	estigation	of Feature: C	⊒-Entire / 0	⊒-Partial	, wall	k through po	olygon <i>(ir</i>	ndicate on map)		
Reptile / Bat Hiberr	nacula Fe	[1 ] ] [2] [3]	□-Y* / □-N i.e. features bridge abutm Contains po □-Y* / □-N	I / Interpretation that would nents or cult otential b I / Interpretation	(nowr I provi Iverts pat hik (nowr	ide a route un with cracks/c pernacula fe	s (*if yes, iderground entry points eatures? s (*if yes,	describe in table, including buried of	conercte vices or i	or rock (e.g. foundations, inactive animal burrows)]
POTENTIAL HIBERN	IACULA F					/1/24				
UTM		F	Feature Des	scription			Photo N	o. Spp. C	bserve	d Using Feature
				······································						
				***************************************					***************************************	
							1			
Bat Roosting Featu		[i.e. tall trees	/ □-Unkno s with oper	own, no a n surroun	cces	s (*if yes, de	<i>escribe in</i> cm, side-	table below) facing cavities ~	10m hiç	gh in tree]
POTENTIAL BAT RO					5.T	D . CI	(4.70)		1	
UTM	Tree ID	Tree Spp.	DBH	Photo	No.	Decay Cla	ass (1-5)	No. of Cavities	Heigh	t and Type of Cavities
							***************************************			
Stick Nests:		(	Contains la □-Y* / □-N	arge stick N / ⊠∸Unl	c nest	s? n, no acces	s (*if yes	describe in tab	le belov	v)
STICK NEST(S) IDEN										
UTM		Tree ID	Tre	ee Spp.		Nest Size	Photo N	o. Spp. 0	Observe	d Using Feature
			***************************************				-			
Seeps/Springs/Ver			□-Y*/□-N	N / <b>Q</b> ∕-Unk	ings/\ know	vernal pools	s? ss (*if yes,	describe in tab	le belov	v)
SEEP / SPRING / VER	NAL POO	L FEATURE								
UTM	Feat	ture No. & Ty	ne	re Size meter)	Wa	ter Depth	Photo N	Sub/Emerger Spp. Press		Shrubs/ Logs at Edge Present?
			1						***************************************	
SPECIES & HABITAT	Γ OBSERV	ATIONS (list	species and	d type of a	ohser	vation & inc	dicate on	man)		
ME 24 WARM WE AM A WAR A	020211	Attorio que	species	1 type or .	00301	vation & i	ultate on	шару		
										47
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* '										

B	Stantec Consulting I 1 – 70 Southgate Dry Guelph, ON Canada N1G 4P5 Tel: (519) 836-6050 Fax: (519) 836-2493	Poly 38	-2 Woodla	Roadside E ind & Wildli sessment	fe Habitat Form		PY >10m 2=SUB-CANOF ES: N=NONE R=RARE 0=0 CIES CODE
Project Number:	16	0950260	Project Name	: NRN	· C	ACE KURR	
Date:	1,4	12/12	<ul> <li>Field Personne</li> </ul>		2,55	FRAPENA	/
•	3000			77.0	<u>~ \$ )</u>	W. Pine	<u></u>
Weather Conditions:	TEMP (°C):	wind: 2-3	CLOUD	PPT: None	PPT (in last 24 hrs):	(MAM TR	2
			POLYGON DE	SCRIPTION		TICAMER	
			TOPOGRAPHIC		HISTORY	JUGN GR	
ELC	START TIME:	-2 7105	☐ LACUSTRINE ☐ RIVERINE ☐ BOTTOMLAND ☐ TERRACE ☐ YALLEY SLOPE ☐ TABLELAND ☐ ROLL. UPLAND ☐ CLIFF	SAND DUNE	EÆÑATURAL /E □ CULTURAL		
						SHRUBS:	
STAND DESCRIP	HT CVR		IES IN ORDER OF			Han the co	1004
		(>>MUCH GRE			ABOUT EQUAL TO)		
1 CANOPY	9 3	HAPEIU			R>POPTREM	,	
2 SUB-CANOPY	T		=R=PRAPEN	// / F	UBR STILAMER		
3 UNDERSTORE 4 GRD. LAYER	<del></del>	Com Vog		Mrs M			
4 GRD. LAYER IT CODES: EVR CODES:	1=>25m 2=10<	TS25m 3=2 <hts1< td=""><td></td><td></td><td>IT≤0.5m 7=HT&lt;0.2m</td><td></td><td></td></hts1<>			IT≤0.5m 7=HT<0.2m		
STANDING SNAGS:		<b>(9)</b> <10	0 10 - 24	25 – 50	11 41/		
ABUNDANCE CODES:		I=NONE R=RARI	11 ~	111/20	N/O=Not observed		
				11			
STAND MATURITY:	<u> </u>	YOUNG	✓ MID-AGE	MATURE	OLD GROWTH		
VEGETATION TYPE	Ash lowland	Decidion	, Forest =	CODE: FOR	7-2	GROUND:	地址中的地区相似的
COM					1/4 2 2	PHAARUN	
COM	PLEX	Reed Caron	1 Grais Mil.	CODE: PI	1014-2	Silidago	
Evidence of Distu	rbance / Notes:		ADRAZ IS CRIS Y I				
Dix	Fital + do		OTE A	MKE			
			, 0 SP T	UVU			
	le .		. 0 -	,			
(/	Inderston	H	MRD G	RCA			
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		^	OCA WOTH			Signature:	ga

1 0 A R A- R-C	Q A A	7ER 3	4	≤5 m	>5 m	COLL.
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A R R-C	Α					
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			!			
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Signature:

ELC Polygon: # 🎖 🖫	J.Assess	ment Type: ☑∕≾	√isual; no	access / 🛚	Walk throu	gh feature	1		
Extent of Physical Inv	estigation	of Feature: □-l	Entire / □	l-Partial, wall	k through p	olygon <i>(in</i>	dicate on map)		
Reptile / Bat Hiberr	nacula Fe	[j.e. brid Col	Y* / □-N / features the decision of the decision of the decision of the decision of the decision of the decision of the decision of the decision of the decision of the decision of the decision of the decision of the decision of the decision of the decision of the decision of the decision of the decision of the decision of the decision of the decision of the decision of the decision of the decision of the decision of the decision of the decision of the decision of the decision of the decision of the decision of the decision of the decision of the decision of the decision of the decision of the decision of the decision of the decision of the decision of the decision of the decision of the decision of the decision of the decision of the decision of the decision of the decision of the decision of the decision of the decision of the decision of the decision of the decision of the decision of the decision of the decision of the decision of the decision of the decision of the decision of the decision of the decision of the decision of the decision of the decision of the decision of the decision of the decision of the decision of the decision of the decision of the decision of the decision of the decision of the decision of the decision of the decision of the decision of the decision of the decision of the decision of the decision of the decision of the decision of the decision of the decision of the decision of the decision of the decision of the decision of the decision of the decision of the decision of the decision of the decision of the decision of the decision of the decision of the decision of the decision of the decision of the decision of the decision of the decision of the decision of the decision of the decision of the decision of the decision of the decision of the decision of the decision of the decision of the decision of the decision of the decision of the decision of the decision of the decision of the decision of the decision of the decision of the decision of the decision of the decision of the decisi	nat would provints or culverts tential bat hil	n, no acces ide a route ur with cracks/o pernacula fo n, no acces	s (*if yes, nderground, entry points. eatures? s (*if yes,	describe in table including buried c	oncrete rices or i	or rock (e.g. foundations, inactive animal burrows)]
POTENTIAL HIBERN	IACULA F								
UTM		Fea	ture Desc	ription		Photo No	Spp. O	bserve	d Using Feature
			***************************************						
Bat Roosting Featu		<del></del>	<b>3-Unknov</b> vith open	vn, no acces surrounding	s (*if yes, d	<i>escribe in</i> cm, side-f	table below) acing cavities ~	10m hig	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
					I				
Stick Nests:		Co	ntains laı Y* / □-N	rge stick nest / ⊠≺Unknow	ts? n. no acces	s (*if ves.	describe in table	e belov	v)
STICK NEST(S) IDEN	TIFIED			7 0111111011	,	,	accompo in tubi	0 00101	,,
UTM		Tree ID	Tree	Spp.	Nest Size	Photo No	o. Spp. C	)bserve	d Using Feature
									-1-1-1-1
				·					
Seeps/Springs/Ver	nal Pools	s: Co	ntains se Y* / □-N	eps/springs/	vernal pools	s? ss (*if yes,	describe in table	e below	v)
SEEP / SPRING / VER	NAL POO	L FEATURE(S)	IDENTI	FIED					
UTM	Feat	ture No. & Type	Feature (Diam	I Wa	ter Depth	Photo No	Sub/Emergen	_	Shrubs/ Logs at Edge Present?
SPECIES & HABITAT	Γ OBSERV	ATIONS (list sp	ecies and	type of obser	vation & in	dicate on n	пар)		
									5 S 1

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 Con 1 – 70 South Guelph, ON Canada N10 Tel; (519) 836 Fax: (519) 83	gate Driv 3 4P5 3-6050	ė	Tile 38-34	/oodla	oadside ELC nd & Wildlife sessment Fo	Habitat
Project Number:	160	950	269	Pro	ject Name:	Newc	
Date		lily	1212	Field	Personnel:	Milo	\$2
Weather Conditions:	TEMP (°		WIND:	C	LOUD:	PPT:	PPT (in last 24 hrs
				POLY	GON DES	CRIPTION	
				ТОРОС	RAPHIC F	EATURE	HISTORY
COMMUNITY	POLYGON: START TIM! END TIME:	38 E: 2	-3 ):00	☐ RIVE ☐ BOTT ☐ TERF ☐ VALL ☐ TABL	TOMLAND RACE EY SLOPE ELAND UPLAND	☐ TALUS ☐ CREVICE / CAVE ☐ ALVAR ☐ ROCKLAND ☐ BEACH / BAR ☐ SAND DUNE ☐ BLUFF	©¶ATURAL □ CULTURAL
STAND DESCRIP	TION:						
LAYER	нт	CVR	(>>MUCH (	GREATER TH	IAN; >GRE	ECREASING DOMI	
1 CANOPY	2	4	QUER	JBR = FR	APEN	N=UMANE	R>QUEM
2 SUB-CANOP		3					
3 LINDERSTORE	1 //	- 0	( )	-04			

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/0=not observed STANDING SNAGS: <10 10 - 241 25 - 50 ABUNDANCE CODES: R=RARE O=OCCASIONAL N=NONE A=ABUNDANT N/O=Not observed STAND MATURITY: PIONEER YOUNG MID-AGE MATURE OLD GROWTH **VEGETATION TYPE:** CODE: FOak-Hickory Dec. COMPLEX CODE:

**Evidence of Disturbance / Notes:** 

ABUNDANCE CODES: N=NONE R=RARE O=C	JOAGIC		YER		DISTANCE	Charles 11	
SPECIES CODE	1	2	3	4	≤5 m	>5 m	COLL
REES:	<b>新杂声</b>						<b>K</b> (1)
DUERUBR	A?						
Shas bank Hitson	R-0						
FRAPENN	1						
UMAMER	A						
DUERUBR Shagbork Hikory FRARENN UMAMER QUEMACR	0						
IRUBS:	The second						
brung Dog wood			0				
OUND:							

Signature;

(Project Manager)

Signature:

(Field Personnel)

ELC Polygon: #3	Asses	ssment Type:	<b>1</b> -v	isual; no	access /	<b>-</b> -	Walk throu	gh featur	е				
Extent of Physical Inv	- estigatio	n of Feature:	□-E	ntire / 🗆	-Partial, w	valk	through p	olygon <i>(it</i>	ndic	cate on map)			
Reptile / Bat Hiber	nacula F	eatures:	□-Y [i.e. I bridg Con □-Y	* / Q-N / features the ge abutme tains pot * / Q-N /	/ 면-Unknomat would protect or culve tential bat	rovierts v crts v chib	de a route un with eracks/c ernacula fe	s (*if yes, nderground entry points eatures? s (*if yes,	de , in s, ex	escribe in table cluding buried c cposed rock crev escribe in table	onerete ices or i	or rock (e.g. foundations, nactive animal burrows)]	
POTENTIAL HIBERN	NACULA	FEATURE(S											
UTM			Feat	ure Desc	ription			Photo N	0.	Spp. O	bserved	l Using Feature	
Bat Roosting Feat		[i.e. tall tre	<b>1 /                                   </b>	-Unknow th open	vn, no acc surroundi	ess	(*if yes, de	escribe in	n ta	ble below)	10m hig	gh in tree]	
POTENTIAL BAT RO	T	······	<u> </u>	1		- 1			1				
UTM	Tree ID	Tree Sp	p.	DBH	Photo No	0.	Decay Cla	ass (1-5)	N	o. of Cavities	Heigh	t and Type of Cavities	
**************************************													
Stick Nests:			Cor	ntains lar ∕* / ロ-N	ge stick n / ᡌ-Unkn	est: owr	s? n, no acces	ss (*if yes	, de	escribe in table	e belov	()	
STICK NEST(S) IDEN	TIFIED	Tree ID	T	Tree	Spp.		Nest Size	Photo N	Jo	Spp. C	hearva	d Using Feature	
01111		TICC ID	+	1100	Spp.		INEST SIZE	I HOLO	10.	<b>Зрр.</b> С	DSCI VC	d Using Feature	
Seeps/Springs/Vei	nal Poo	ls:	Cor	ntains se ∕* / □-N	eps/spring	gs/v owr	ernal pools	s? ss (*if yes	, de	escribe in table	e below	()	
SEEP / SPRING / VEF	RNAL PO	OL FEATUR	E(S)					1					
UTM	Fe	ature No. & T	уре	Feature (Diame	-	Wat	er Depth	Photo N	0.	Sub/Emergen Spp. Prese		Shrubs/ Logs at Edge Present?	
SPECIES & HABITA	T OBSED	VATIONS (III	ot one	oios and	tune of ab		ration & in	dieste en					
STECIES & HABITA	OBSER	VATIONS (III	si spe	cies anu	type of ob	serv	vation & inc	dicate on	ma	p)			
							9						
												N 2	
CA=carcass: DP=distinct	ive parts: F	E=leeding evid	ence;	FY=eggs/	nest: HO=l	าดแร	e/den; OB=c	observed: S	C=	scat; SI=other si	gn; TK=	track: VO=vocalization	

Stantec	Stantec Con 1 – 70 South Guelph, ON Canada N10 Tel: (519) 83 Fax: (519) 83	gate Driv 3 4P5 3-6050		-4 Woodlan	oadside ELC nd & Wildlife sessment Fo	Habitat
Project Number:	160	950	269	Project Name:	NRW	C
Date:		2),/6	12/12	Field Personnel:	M. Ros	r
20		2000	, , , , ,	-		
Weather Conditions:	TEMP (°	C):	WIND:	CLOUD:	PPT: None	PPT (in last 24 hrs):  None
				POLYGON DES	CRIPTION	
				TOPOGRAPHIC F	EATURE	HISTORY
COMMUNITY	POLYGON: START TIMI END TIME:	38 E: 2	- <del>f</del> :: 20	☐ LACUSTRINE ☐ RIVERINE ☐ BOTTOMLAND ☐ TERRACE ☐ VALLEY SLOPE ☐ MALLEY AND ☐ ROLL. UPLAND ☐ CLIFF	☐ TALUS ☐ CREVICE / CAVE ☐ ALVAR ☐ ROCKLAND ☐ BEACH / BAR ☐ SAND DUNE ☐ BLUFF	©∕NATURAL □ CULTURAL
STAND DESCRIP			SPECII	ES IN ORDER OF D	DECREASING DOMI	NANCE
LAYER	HT	CVR	(>>MUCH GREA	TER THAN; >GRE	ATER THAN; = AB	OUT EQUAL TO)
1 CANOPY						
2 SUB-CANOP	Y					
3 UNDERSTORE	Y			<u></u>		
4  GRD. LAYER HT CODES: CVR CODES:	1=>25m			m 4=1 <ht≤2m 5="0.&lt;/td"><td>7/&gt;ル/めと 5<ht≤1m 6="0.2&lt;HT≤0&lt;br">60% 4=CVR&gt;60% N/</ht≤1m></td><td>0.5m <b>7=HT&lt;</b>0.2m</td></ht≤2m>	7/>ル/めと 5 <ht≤1m 6="0.2&lt;HT≤0&lt;br">60% 4=CVR&gt;60% N/</ht≤1m>	0.5m <b>7=HT&lt;</b> 0.2m
STANDING SNAGS:	:	I	<10	10-24	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	Cathail	Mme	al Shallow 1	wel	CODE: MAS	2-1
COM	PLEX				CODE:	

Evidence of Disturbance / Notes:

	D=OCCASIONAL A=ABUNDANT D LAYER				DISTANCE	FROM RD.	22-2-10-20
SPECIES CODE	1	2	3	4	≤5 m	>5 m	COLL
REES:				in/A			
DATE OF THE STATE	Section 10	And the state of the		028-447-4501	Since Enemals 1.		# 1555 cm
HRUBS:			12. 45V				
	•						
TYPLATI THARRUN Wild Corif	161831	Child Sh	134 H	A			
Wild Corret				0			

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

ELC Polygon: # プター	<b>4</b> Assess	ment Type:	<b>⊴</b> -Vi	sual; no	acces	s / 🛚 -	Walk throu	gh featur	е				
Extent of Physical Inve	estigation	of Feature:	□-Er	ntire / 🗖	-Partial	, wall	c through p	olygon <i>(ir</i>	ndic	ate on map)			
Reptile / Bat Hiberr		 	□-Y* [í.e. fi bridge Cont □-Y* [í.e. k	catores the abutme ains pot / D-N / arst topo	/ 2-Unle nat would nts or cu tential b / 2-Unle graphy,	(nowr I provi Iverts pat hit (nowr	ide a route un with eracks/c pernacula fe	s (*if yes, iderground entry points eatures? s (*if yes,	de , inc		onerete o ices or i	or rock (e.g. foundations, nactive animal burrows)]	
POTENTIAL HIBERN	ACULA F												
UTM			Feature Description				Photo No. Spp. Obs				Using Feature		
					****			-					
			************************			<del></del>			+				
Bat Roosting Featu	ires:	Contains po □-Y* / □-N [i.e. tall tree	10-	Unknow	vn, no a	cces	s (*if yes, d			ble below) ing cavities ~	10m hig	jh in treel	
POTENTIAL BAT RO	OSTING F												
UTM	Tree ID	Tree Spr	DBH Phot		Photo	No.	Decay Cla	ass (1-5) N		No. of Cavities Height		nt and Type of Cavities	
	·												
				L					1				
Stick Nests:			Cont	tains lar <mark>*</mark> / <mark>□</mark> -N	ge stici / 🖸-Un	c nest know	ts? n, no acces	ss (*if yes	, de	escribe in table	e below	<i>)</i>	
STICK NEST(S) IDEN							1						
UTM Tree ID		Tree ID	Tree Spp.				Nest Size	ze Photo No.		Spp. C	bserve	d Using Feature	
<u> </u>		***************************************					***************************************		************				
Seeps/Springs/Ver	nal Pools	<b>3:</b>	Con	tains se	eps/spr	ings/	vernal pools	s?					
SEEP / SPRING / VER	NAL POO					know	n, no acces	ss (*if yes,	, de	escribe in table	e below	")	
SEEP / SPRING / VERNAL POOL FEATUR  UTM Feature No. & 7				Et Ci		Water Depth		Photo No.		Sub/Emergent Veg. Spp. Present?		Shrubs/ Logs at Edge Present?	
							<u></u>						
SPECIES & HABITAT	OBSERV	ATIONS (list	spec	ies and	type of	obser	vation & inc	dicate on	maj	р)			
												. 4	
												14	
												*300	

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

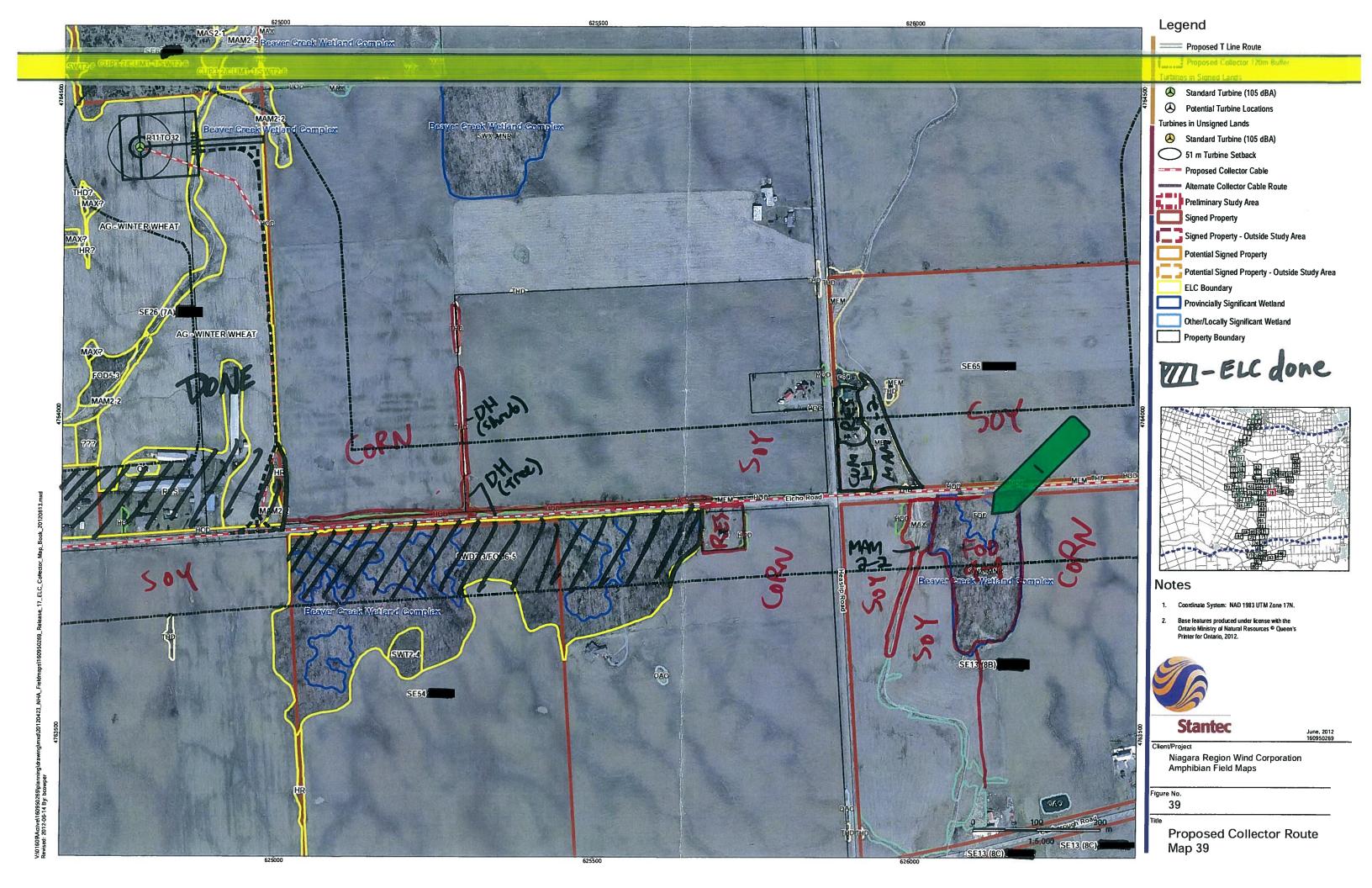
	Stantec	Stantec Con 1 – 70 South Guelph, ON Canada N10 Tel: (519) 836 Fax: (519) 83	gate Drive 4P5 5-6050		Tile 39', Roadside ELC, Woodland & Wildlife Habitat Assessment Form						
	Project Number:	11	215	0269	Project Name	ect Name: 11211					
	Date:		Duh	13/12	Field Personnel: MR,55						
Nea	ther Conditions:	TEMP (°	C):	WIND: 3-4	CLOUD:	PPT: Vonc	PPT (in last 24 hrs):				
					POLYGON DES	CRIPTION	=				
					TOPOGRAPHIC I	EATURE	HISTORY				
DE	ELC	POLYGON: START TIMI END TIME:	39	-1 -15 -130	☐ LACUSTRINE ☐ RIVERINE ☐ BOTTOMLAND ☐ TERRACE ☐ VALLEY SLOPE ☐ TABLELAND ☐ ROLL. UPLAND ☐ CLIFF	☐ TALUS ☐ CREVICE / CAN ☐ ALVAR ☐ ROCKLAND ☐ BEACH / BAR ☐ SAND DUNE ☐ BLUFF	ETÑATURAL VE CULTURAL				
ST.	ND DESCRIP	TION:									
	LAYER	нт	CVR		IES IN ORDER OF I		OMINANCE ABOUT EQUAL TO)				
1	CANOPY	2	3	FRACTA/	//	>AFE(AS/	- ATERUIX				
2	SUB-CANOP	1 3	4	QUEMA	P = FAGGRI	W	- Colo-Di				
3	UNDERSTORE	Y 4 7 PRAGENT ACESASA > Handles									
4	GRD. LAYER	5-7	3	Avens	Sp = Solidans	2/SO =RUBI	ALCEG > 61259				
	CODES:	1=>25m	2=10 <h< td=""><td></td><td>10m 4=1<ht≤2m <b="">5≛0 CVR≤25% 3=25<cvr:< td=""><td></td><td>IT≤0.5m 7=HT&lt;0.2m N/O=not observed</td></cvr:<></ht≤2m></td></h<>		10m 4=1 <ht≤2m <b="">5≛0 CVR≤25% 3=25<cvr:< td=""><td></td><td>IT≤0.5m 7=HT&lt;0.2m N/O=not observed</td></cvr:<></ht≤2m>		IT≤0.5m 7=HT<0.2m N/O=not observed				
	NDING SNAGS:		11/	<10	10 - 24	25 - 50					
	NDANCE CODES:		N=	NONE R=RAR	111/01	A=ABUNDANT	N/O=Not observed				
STA	ND MATURITY:	PIONEER		YOUNG	MID-AGE	MATURE	OLD GROWTH				
/EG	ETATION TYPE	F-M	Dale	-Sugar 1	north Dec	CODE:	) 9-1				
T	COM	PLEX	Juje	Toger 1	orest	CODE:					
Evi	dence of Distu	ırbance / I	Notes:		3,133,1						
				Ar	PI BC	CH					
				GH	2CA						
				1./ 1	TH						

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: Bo ULMAMER FRAPEMIN A O 0 0 A R-0 R-0 SHRUBS: GROUND: Avers 0 0 K-0 0

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

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

ELC Polygon: #39-	Ass	essmen	t Type: 🛭	-Visual; no	o access / 🗖	-Walk throu	ıgh feature	;		
Extent of Physical Inve	estigati	on of Fe	ature: 🚨	-Entire / 🗆	]-Partial, wal	lk through p	olygon <i>(in</i>	dicate on map)		
Reptile / Bat Hiberr	nacula	Featur	□- [i.c brì Co □-	I-Y* / □-N i.e. features the ridge abutmo ontains po I-Y* / □-N	hat would provents or culverts btential bat hi	n, no acces vide a route un with cracks/dibernacula f n, no acces	ss (*if yes, nderground, entry points, ieatures? ss (*if yes,	describe in table including buried c	oncrete /ices or i	or rock (e.g. foundations, inactive animal burrows)]
POTENTIAL HIBERN	NACUL.	A FEAT				ICASON ALL.	II beer war g			
UTM				eature Desc	cription		Photo No	Spp. O	bserve	d Using Feature
			***************************************							
444-444					#*************************************	<del>(</del>			»·····································	
Bat Roosting Featu		□-Y [i.e.	Y* / □-N / I . tall trees	☑-Unknow with open	surrounding	s (*if yes, d	lescribe in Scm, side-f	table below) facing cavities ~	10m hi	gh in tree]
UTM	Tree I		Tree Spp.	DENTIFIE	Photo No.	Decay Cl	ass (1-5)	No. of Cavities	Heigh	t and Type of Cavities
			Troopp.		* HVCV I IC.	1	433 (1 47)	NO. OI CATIGO	Treight and Type of Carrier	
Stick Nests:			C	ontains la	rge stick nes	its?	ee /*if vee	describe in table	a helov	w)
STICK NEST(S) IDEN	TIFIE	D		["   / wd=1 v	/ G-OTRITON	III, IIO acces	35 ( II y G G,	uescribe in table	3 Delovi	V)
UTM		Tree	: ID	Tred	e Spp.	Nest Size	Photo No. Spp. C		)bserve	d Using Feature
Seeps/Springs/Ver	nal Po	ols:	C	ontains se J-Y* / □-N	eeps/springs/	/vernal pool	s? ss (*if yes,	describe in table	e belov	v)
SEEP / SPRING / VER	NAL P	OOL FE		S) IDENTI	FIED		, , ,			
UTM		Feature No. & Type		e Featur (Diam	Wa	ater Depth	Photo No	Sub/Emergen Spp. Prese		Shrubs/ Logs at Edge Present?
						***************************************				
				-						
SPECIES & HABITAT	Г OBSE	RVATIO	ONS (list s	pecies and	type of obser	rvation & in	dicate on n	nap)		
			11							
				,						
										1
										1 3
										**
			-							



900	Stantec Consulting Ltd. Coll. Tile 40; Roadside ELC,	LAYERS: 1=CANOPY >10m 2=SUB-CABUNDANCE CODES: N=NONE R=RARE	CANOPY E O=OCCAS	3=UNDE	RSTORI		=GROUND (GRD.) LAYER D=DOMINANT N/O=Not observ		
	Canada N1G 4P5 Roly 40 -1 Woodland & Wildlife Habitat	A CONTRACTOR OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF TH			YER			FROM RD.	
	Tel: (519) 836-6050 Fax: (519) 836-2493 Assessment Form	SPECIES CODE	1	2	3	4	≤5 m	>5 m	COLL.
Stantec		TREES:							
Project Number		FRACENN	A	4					
Date	July 13/12 Field Personnel: M-R-SS	ULMAMEK	0	0					
	TEMP (°C):         WIND;         CLOUD;         PPT;         PPT (in last 24 hrs);	ACENEGU		0	ļ		ļ		
Veather Conditions:	78 3 Hazy None None	SALIX	<u> </u>	R-0					
	POLYGON DESCRIPTION								
	TOPOGRAPHIC FEATURE HISTORY			-	ļ				
ELC COMMUNITY DESCRIPTION & CLASSIFICATION	POLYGON:    CACUSTRINE   CACUST					de source de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la const			-2.02 ·
TAND DESCRI		SHKG DOSGOOD			B			38201425345	and as se
	SPECIES IN OPDED OF DECREASING DOMINANCE	Gran Dogwood			1				
LAYER	HT CVR (>>MUCH GREATER THAN; >GREATER THAN; = ABOUT EQUAL TO)	USTRIPA			A				
1 CANOPY	2 3 FRAPENN SULMAMER>> SALIX								
2 SUB-CANOP		2UBR							
UNDERSTOR GRD. LAYE					-				
IT CODES: VR 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">60% N/O=not observed</ht≤25m>								
TANDING SNAGS	5: O <10 O 10 - 24 25 - 50 >50					-			
BUNDANCE CODES	: N=NONE R=RARE O=OCCASIONAL A=ABUNDANT N/O=Not observed				-				
TAND MATURITY				-					
EGETATION TYP	E: \\ d \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	GROUND:				T5 15	Ple Wille		Albert.
	= Ash low land Dec. Forest CODE: FOD 7-2	PHARUN				RN			
COM	APLEX CODE:								
vidence of Diet	urbance / Notes:								
avidence of Dist	-				-				
	COYE	<u> </u>			-		-		
	505P		_	+	-				
	NOPL			_	ļ				
	1001			<u> </u>	<del> </del>				
	BLJA								
	GFCA			<del>                                     </del>					
		©200		Oveli	hi Contra	d:Thin fo	em is comet.	ete 🗆 & legible	~ D
	AM 60	Signature:			iy Contro iignaturi	)	//	ne La o legible	<b>.</b> □.

(Project Manager)

(Field Personnel)

								Wildlife	e Habitat Assessment For	
ELC Polygon: #40	_/ As:	sessment Type:	면-Visual; no	access /	□-Walk throu	igh feature				
Extent of Physical In	rvestiga	tion of Feature:	□-Entire / □	-Partial, w	valk through p	olygon (ind	dicate on map)			
Reptile / Bat Hibe	rnacul		□-Y*/□-N / [i.e. features the bridge abutme Contains por □-Y*/□-N /	/ @-Unknot to the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the con	rovide a route un erts with cracks/ hibernacula f	ss (*if yes, onderground, entry points, features? ss (*if yes, one of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control	describe in table including buried o	concrete o vices or in	or rock (e.g. foundations, nactive animal burrows)	
POTENTIAL HIBER	RNACUI									
UTM			Feature Desc			Photo No	. Spp. C	Observed Using Feature		
			***************************************					·		
			***************************************	«						
Bat Roosting Fea		□-Y* / □-N [i.e. tall tree	es with open	vn, no acc surroundi	ess (*if yes, d	lescribe in 5cm, side-f	table below) acing cavities ~	10m hig	h in tree]	
POTENTIAL BAT R								1 • • •	40 111	
UTM	UTM Tree ID Tree		p. DBH	Photo No	o. Decay Cl	ass (1-5)	No. of Cavities	Height	and Type of Cavities	
									***************************************	
						-				
Stick Nests:			Contains lar □-Y* / □-N	ge stick n / ☑-Unkn	ests? own, no acces	ss (*if yes,	describe in tabl	le below,	)	
STICK NEST(S) IDE	ENTIFIE	T								
UTM		Tree ID	Tree	Spp.	Nest Size	Photo No	). Spp. (	Observed	l Using Feature	
Seeps/Springs/Ve	ernal P	ools:	Contains se	eps/spring	gs/vernal pool	s?	describe in tabl	le helow	1	
SEEP/SPRING/VE	ERNAL	POOL FEATURE			own, 110 dood.	50 ( 11 <b>y</b> 00,	dodonbo in tubi	0 001011)	r	
UTM		Feature No. & T	ype Feature (Diam		Water Depth	Photo No	Sub/Emerger Spp. Prese		Shrubs/ Logs at Edge Present?	
					***************************************			·		
									***************************************	
CDECLEG & HADIT	47 O D C						1			
SPECIES & HABITA	AT OBS	ERVATIONS (IIS	t species and	type of one	servation & in	dicate on n	iap)			
									-6	
									, a	
									80 1	
1										

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

Legend

Alternate Collector Cable Route

Potential Signed Property - Outside Study Area

Provincially Significant Wetland

Other/Locally Significant Wetland



Base features produced under license with the Ontario Ministry of Natural Resources <sup>©</sup> Queen's Printer for Ontario, 2012.

Niagara Region Wind Corporation

**Proposed Collector Route** 

111		
	3	

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

# Stantec Consulting Ltd. Coll. Tile 42; 1-70 Soulhgate Drive Guelph, ON Woodland & Wildlife Habitat **Assessment Form**

Jeanne					
Project Number:	1609.	50269	Project Name:	NKu	1
Date:	2-4	13/12	Field Personnel:	M.Ross	
ther Conditions:	7 TEMP (°C): 29	WIND:	CLOUD: Haz	PPT:	PPT (in last 24 hrs):

#### **POLYGON DESCRIPTION**

		TOPOGRAPHIC F	EATURE	HISTORY
COMMUNITY	POLYGON: 42-1 START TIME: 12:25	☐ RIVERINE ☐ BOTTOMLAND ☐ TERRACE ☐ VALLEY SLOPE	☐ TALUS ☐ CREVICE / CAVE ☐ ALVAR ☐ ROCKLAND ☐ BEACH / BAR ☐ SAND DUNE	D NATURAL
CLASSIFICATION	END TIME: 12:30	hm	D BLUFF	

#### **STAND DESCRIPTION:**

	LAYER	нт	CVR		ES IN ORDER OF I		OMINANCE ABOUT EQUAL TO)			
1	CANOPY		T	UGMAMO	Y-FRAPE	NN				
2	SUB-CANOPY			ACERUO	R					
3	UNDERSTOREY	4	2,	Gran Do	junary 7 H	authorns	> ACE RUBA			
4	GRD. LAYER	5-7	4	PHARRUN	=BROININ=					
1T 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</ht≤0.5m<></ht≤1m<></ht≤2m<></ht≤10m<></ht≤25m<>										
ST.	ANDING SNAGS:			N <10	1 10-24	25 – 50	>50			
\B	UNDANCE CODES:		N	=NONE R=RARE	O=OCCASIONAL	A=ABUNDANT	N/O=Not observed			
ST.	AND MATURITY:	PIONEER		YOUNG	MID-AGE	MATURE	OLD GROWTH			
VEGETATION TYPE: D-M Old Field Meadow CODE: CUM 1-1										
	COMPLE	Х				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/O=Not observed

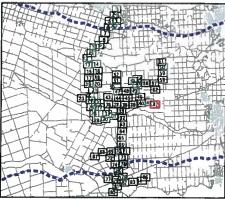
ABUNDANCE CODES: N=NONE R=RARE O=	CCASI	LA	YER	DANI	DISTANCE	ERDS/(ER)	
SPECIES CODE	1	2	3	4	≤5 m	>5 m	COLL.
TREES:			建铁龙				12000
ACELUBR ULM AMEK FRAPENN		R	R	ļ			
UMAMER	R				ļ		
FRAPENN	R		_	-			
SHRUBS:		3000					5.17.
Gran Dogwood Hawthen			0-	4			
Haw then			0				
			ļ	1			
	<b>_</b>	-					1
		ļ	ļ		╂		-
	-	-	-	-	-		<del>                                     </del>
			<del> </del>		-		
	+-			+-		,	
		<u> </u>	<u> </u>	<b>-</b>			
				<u> </u>			1
		1		1	1		
GROUND: FHAARUN BFOTNIN Aursti & Slidado Wild Parsnip Knapmeld					10世级		
MAARUN				0			
BEOTNEN				0			
Ayristis >	1			0			
3 dado	-	-		8	-		
Wild Fap Snip	-			12-6			<u> </u>
Krapineld	<del> </del>			1/2-0	<u> </u>		
		<u> </u>		-			
	1	<b> </b>		1	1		<b> </b>
		<b></b>		T	1		

ignature:	1/907	Quality Control:This form is complete   & legible   . Signature:
	(Field Personnel)	(Project Manager)

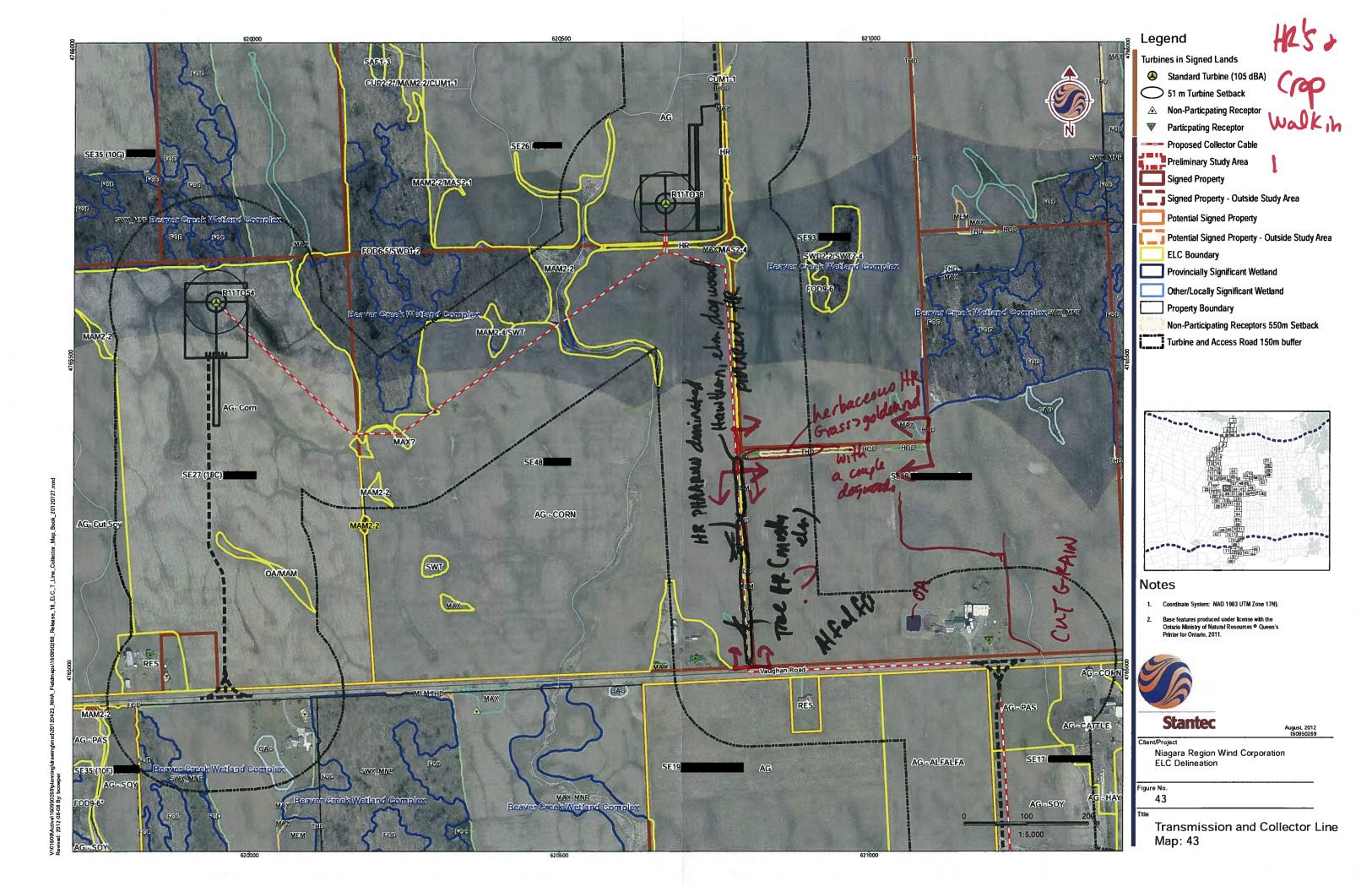
ELC Polygon: #4		ssment Type:(								ate on map)		
Reptile / Bat Hibe	rnacula F	[ ] ] (	□-Y' i.e. f oridg Conf □-Y'	* / Q-N / eatures the e abutmentains pot * / Q-N /	✓ ☑-Unknot teat would plants or culve tential bat ✓ ☑-Unknot	rovi erts s t hib	de a route un with eracks/coernacula fe	s (*if yes, iderground, intry points eatures? s (*if yes,	des , incl , exp	cribe in table uding buried coosed rock crev	onerete o ices or i	or rock (e.g. foundations, nactive animal burrows)]
POTENTIAL HIBER	RNACULA											
UTM			Featı	ure Desc	ription			Photo No	0.	Spp. O	bserved	Using Feature
Bat Roosting Fea			/ वि- s wil	Unknow th open	<b>/n, no acc</b> surroundi	ess	s (*if yes, d	escribe in	tabi	le below) ng cavities ~1	IOm hig	h in tree]
POTENTIAL BAT R				T T								
UTM	Tree ID	Tree Spp		DBH	Photo No	D.	Decay Cla	nss (1-5)	No.	of Cavities	Height	and Type of Cavities
Stick Nests:			Con □-Y	tains lar	ge stick n / 🗹-Unkn	est	s? n, no acces	s (*if yes,	des	scribe in table	e below	)
STICK NEST(S) IDE UTM	NIIFIED	Tree ID		Tree	Spp.		Nest Size	Photo N	0.	Spp. O	bserve	d Using Feature
Seeps/Springs/Ve			<b>□</b> -Y	*/ 🗆 - N	/ ☑-Unkn	gs/\ owr	vernal pools	s? s (*if yes,	des	scribe in table	e below	)
UTM		ature No. & Ty		Feature (Diame	Size	Wat	ter Depth	Photo No	0.	Sub/Emergen Spp. Prese		Shrubs/ Logs at Edge Present?
						***************************************						
SPECIES & HABITA	AT OBSER	VATIONS (list	spec	ies and	type of ob	ser	vation & in	dicate on	map	)		
										,	*	

Potential Signed Property - Outside Study Area

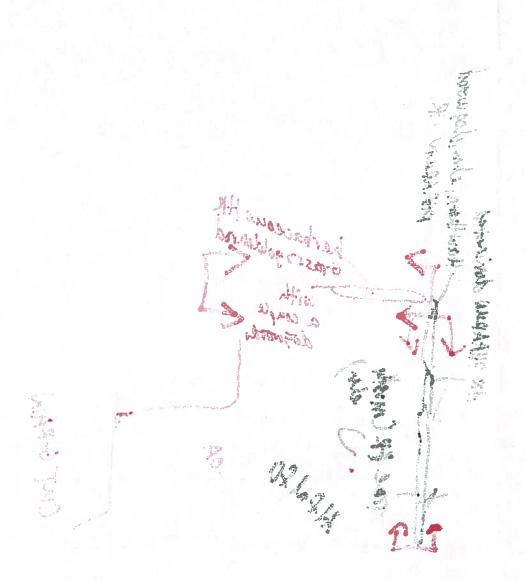
M-ELC done



June, 2012 160950269



HESS & CORP.
Walkin



16	Stantec Con- 1 – 70 Southon Guelph, ON Canada N10 Tel. (519) 836 Fax: (519) 83	gate Drivi 3 4P5 6-6050	Rdy 1	Woodla	oadside EL0 nd & Wildlife sessment Fo	: Habitat				
Project Number:	160450	269		Project Name: NRWC						
-	June 2			Field Personnel:		\				
Weather Conditions:	TEMP (°	C)	wind: 2-3	CLOUD:	PPT:	PPT (in last 24 hrs):				
				POLYGON DES	CRIPTION					
				TOPOGRAPHIC F	EATURE	HISTORY				
COMMUNITY	POLYGON: START TIMI END TIME:	44	- <u> </u>	☐ LACUSTRINE ☐ RIVERINE ☐ BOTTOMLAND ☐ TERRACE ☐ VALLEY SLOPE ☐ TABLELAND ☐ ROLL, UPLAND ☐ CLIFF	☐ TALUS ☐ CREVICE / CAVE ☐ ALVAR ☐ ROCKLAND ☐ BEACH / BAR ☐ SAND DUNE ☐ BLUFF	□ NATURAL © CULTURAL				
STAND DESCRIP	TION:									
LAYER	нт	CVR		CIES IN ORDER OF DECREASING DOMINANCE EATER THAN; > GREATER THAN; = ABOUT EQUAL TO)						
1 CANOPY										
2 SUB-CANOPY	3-4	3	LILAC>A	CESASA =						
Z SUB-CANOPY			72 73							
3 UNDERSTORE	-	1 1								
3 UNDERSTORE 4 GRD. LAYER HT CODES:	5-7 1=>25m		iT≤25m <b>3=</b> 2 <ht≤10< td=""><td></td><td>OLIDAGU .5<ht≤1m 6="0.2&lt;HT≤&lt;br">560% 4=CVR&gt;60% N</ht≤1m></td><td></td></ht≤10<>		OLIDAGU .5 <ht≤1m 6="0.2&lt;HT≤&lt;br">560% 4=CVR&gt;60% N</ht≤1m>					
3 UNDERSTORE 4 GRD. LAYER HT CODES: CVR CODES:	5-7 1=>25m 0=NONE	2=10 <h< td=""><td>iT≤25m <b>3=</b>2<ht≤10< td=""><td>)m 4=1<ht≤2m 5="0&lt;/td"><td>.5<ht≤1m <b="">6=0.2<ht≤< td=""><td></td></ht≤<></ht≤1m></td></ht≤2m></td></ht≤10<></td></h<>	iT≤25m <b>3=</b> 2 <ht≤10< td=""><td>)m 4=1<ht≤2m 5="0&lt;/td"><td>.5<ht≤1m <b="">6=0.2<ht≤< td=""><td></td></ht≤<></ht≤1m></td></ht≤2m></td></ht≤10<>	)m 4=1 <ht≤2m 5="0&lt;/td"><td>.5<ht≤1m <b="">6=0.2<ht≤< td=""><td></td></ht≤<></ht≤1m></td></ht≤2m>	.5 <ht≤1m <b="">6=0.2<ht≤< td=""><td></td></ht≤<></ht≤1m>					
3 UNDERSTORE 4 GRD. LAYER 1T CODES: CVR CODES: STANDING SNAGS:	5-7 1=>25m 0=NONE	2=10 <h 1=0%&lt;</h 	IT≤25m <b>3</b> =2 <ht≤10 CVR≤10% <b>2</b>=10<c< td=""><td>0m 4=1<ht≤2m 5="0&lt;br">VR≤25% 3=25<cvr< td=""><td>.5<ht≤1m 6="0.2&lt;HT≤&lt;br">s60% 4=CVR&gt;60% N 25 - 50</ht≤1m></td><td>/O=not observed</td></cvr<></ht≤2m></td></c<></ht≤10 	0m 4=1 <ht≤2m 5="0&lt;br">VR≤25% 3=25<cvr< td=""><td>.5<ht≤1m 6="0.2&lt;HT≤&lt;br">s60% 4=CVR&gt;60% N 25 - 50</ht≤1m></td><td>/O=not observed</td></cvr<></ht≤2m>	.5 <ht≤1m 6="0.2&lt;HT≤&lt;br">s60% 4=CVR&gt;60% N 25 - 50</ht≤1m>	/O=not observed				
3 UNDERSTORE	S-7 1=>25m 0=NONE	2=10 <h 1=0%&lt; N</h 	iT≤25m <b>3</b> =2 <ht≤10 :CVR≤10% <b>2</b>=10<c< td=""><td>0m 4=1<ht≤2m 5="0&lt;br">VR≤25% 3=25<cvr: 10 – 24</cvr: </ht≤2m></td><td>.5<ht≤1m 6="0.2&lt;HT≤&lt;br">s60% 4=CVR&gt;60% N 25 - 50</ht≤1m></td><td>/O=not observed &gt;50</td></c<></ht≤10 	0m 4=1 <ht≤2m 5="0&lt;br">VR≤25% 3=25<cvr: 10 – 24</cvr: </ht≤2m>	.5 <ht≤1m 6="0.2&lt;HT≤&lt;br">s60% 4=CVR&gt;60% N 25 - 50</ht≤1m>	/O=not observed >50				
3 UNDERSTORE: 4 GRD. LAYER HT CODES: CVR CODES: STANDING SNAGS: ABUNDANCE CODES:	S-7 1=>25m 0=NONE	2=10<+ E 1=0%<	#T<25m 3=2 <ht<10 #CVR&lt;10% 2=10<c &lt;10 =NONE R=RARE</c </ht<10 	0m 4=1 <ht≤2m 5="0&lt;br">VR≤25% 3=25<cvr: 10 - 24 O=OCCASIONAL</cvr: </ht≤2m>	.5 <ht≤1m 6="0.2&lt;HT≤&lt;br">560% 4=CVR&gt;60% N 25 - 50 A=ABUNDANT N</ht≤1m>	/O=not observed >50 /O=Not observed OLD GROWTH				

**Evidence of Disturbance / Notes:** 

35% wordy wer

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 observe

ABUNDANCE CODES: N=NONE R=RARE O=	OCCAS	IONAL .	A=ABUN YER	NDANT I	D=DOMINAN DISTANCE	T N/O=Not FROM RD	STATE OF
SPECIES CODE	1	2	3	4	≤5 m	>5 m	COLL.
TREES:			Time				
ALESASA	R	0			V		
SHRUBS:							
SYRVULG		A		-		V	
Fruit tree		R				V	
SYRVULG Fruit tree RUBIDST			0		V	/	
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	-	-		-			ļ
		-	-	+		1	
	<del> </del>		+		1		-
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	m To-Salari	r loverens	1 a 4 57 25 a 6 12		5 (2000) \$1.00 \$1.00 \$1.00		
GROUND:	* Hexad	100		A	<b>沙湾地连城</b> 的	176171116	8215
grass DIPFULL MULLEIN - SOLIDAGU	1	<b> </b>	<del>                                     </del>	0-A	1	1	
Willein -		1	1	0-A		V	<del>                                     </del>
SOLIDAGU		1		O-A	/		
	-	+	-	-		-	
	-	-			1		-
	1	1	+	<del> </del>			
_	1	1		1			
				-		1	

Signature:

Quality Control: This form & complete & & legible ...

Reptile / Bat Hibe	rnacula	Features	Contain	s note	ntial rentile	hibernacul	a features	7				
Repuile / Dat nibe	rnacuia		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*/□-Unknown, no access (*if yes, describe in table below)  [i.e. karst topography, abandoned mines or caves]									
POTENTIAL HIBER	RNACULA							· · · · · · · · · · · · · · · · · · ·				
UTM			Feature	Descri	ption		Photo No.	Spp. O	Observed Using Feature			
		***************************************					]					
Bat Roosting Fea		[i.e. tall tree	/ Q-Un s with o	known, pen su	, no acces	s (*if yes, d	escribe in t	table below) acing cavities ~	10m híç	gh in tree]		
POTENTIAL BAT R UTM	OOSTING Tree II				Photo No.	Decay Cla	ass (1-5)	No. of Cavities	Heigh	t and Type of Cavities		
OTM	11001	і пес эрі	, D	1011 1	1 11010 110.	Decay Cia	155 (1-3)	ivo. Of Cavities	Heigh	t and Type of Cavities		
					14.	<u></u>						
Stick Nests:			Contain ロ-Y* / t	nslaárge 122-N/[	stick nes J-Unknow	ts? n, no acces	ss (*if yes,	describe in tabl	e belov	v)		
STICK NEST(S) IDE	NTIFIED			T C-		N4 Ci	IDI4- NI-	C (	<b>N</b>	AII.		
UTM		Tree ID		Tree S	pp.	Nest Size	Photo No	. Spp. (	bserve	d Using Feature		
Seeps/Springs/Ve	ernal Poo	ols:	Contain □-Y* / 〔	ns seep □-N / ͡ਙ	s/springs/ 2-Unknow	vernal pools	s? ss (*if yes,	describe in tabl	e belov	v)		
SEEP/SPRING/VE	RNAL PO											
UTM	F	eature No. & Ty	ne:	ature S Diamete	I W/a	ter Depth	Photo No.	Sub/Emerger Spp. Prese		Shrubs/ Logs at Edge Present?		
		<del>*************************************</del>							***************************************			
SPECIES & HABITA	AT OBSEF	RVATIONS (list	species	and ty	pe of obser	vation & in	dicate on m	іар)				
		i								24		
										9		
										*		
										1		
										5/ 12* 5		
										**		

	Stanton Consultin	g Ltd. CON. Ti	6 AA.		
	1 – 70 Southgate D Guelph, ON Canada N1G 4P5 Tel: (519) 836-6050	Poly	Z Woodla	nd & Wildlife	e Habitat
Stantec	Fax: (519) 836-249		Ass	sessment F	orm
1	16095026	9	Project Name:	NRWC.	
Date	June 27		Field Personnel:	N. Charlton	\
	TEMP (°C):	WIND:	CLOUD:	PPT:	PPT (in last 24 hrs):
Weather Conditions:	30	2-3	90		Pau \
			POLYGON DES	CRIPTION	1
			TOPOGRAPHIC F	EATURE	HISTORY
ELC	POLYGON: 44	1-2	☐ LACUSTRINE ☐ RIVERINE ☐ BOTTOMLAND	☐ TALUS ☐ CREVICE / CAVE ☐ ALVAR	Z NATURAL
COMMUNITY	START TIME:	5:07 pm	☐ TERRACE ☐ VALLEY SLOPE	□ ROCKLAND □ BEACH / BAR	
DESCRIPTION & CLASSIFICATION	END TIME:	, , ,	TABLELAND  DEROLL UPLAND	SAND DUNE	
STAND DESCRI	PTION:				
LAYER	HT CVI	<b>2</b>		DECREASING DON	
1 CANOPY		(>>MUCH GREA	TER THAN; ZGRE	ATER THAN; = AE	OUT EQUAL TO)
2 SUB-CANOP	·Υ				
3 UNDERSTOR	EY 342	SPIALBA>	ROSA SP >	SAMRALE	
4 GRD. LAYE	17 '	TYPLATI:	> PHAARUN	> Juneus	
HT CODES: CVR CODES:		) <ht≤25m< th=""><th></th><th></th><th></th></ht≤25m<>			
STANDING SNAGS		<10	A 10 – 24	25 – 50	>50
ABUNDANCE CODES		N=NONE R=RARE	O=OCCASIONAL		I/O=Not observed
STAND MATURITY	PIONEER	YOUNG	MID-AGE	MATURE	OLD GROWTH
VEGETATION TYP	E: Certicul m	ineral shallow	u marsh	CODE: MA	[2-1
CON	<b>IPLEX</b>			CODE:	
Evidence of Dist			1	-molst, bu	L.n. 11 2
-she	egs about	nd at ed	ges -	-moldt, bu	J NO 1120
- rin	9 of 5p	ALBA			
-adjac	ient fol	is almo	st pure e	· ·	10 - 24 pph 19]
				ı	,
	+ ave	PETI Zeak	egan		
	Sol	dago			

Formused because it is an edge assessment

LAYERS: 1=CANOPY > 10m 2=SUB-CANOPY 3=UNDERSTOREY 4=GROUND (GRD.) LAYER LAYERS: 1=CANOPY > 10m 2=SUB-CANOPY 3=UNDERSTOREY 4=GROUND (GRD.) LAYER LAYERS: 1=CANOPY > 10m 2=SUB-CANOPY 3=UNDERSTOREY 4=GROUND (GRD.) LAYER LAYERS: 1=CANOPY > 10m 2=SUB-CANOPY 3=UNDERSTOREY 4=GROUND (GRD.) LAYER LAYERS: 1=CANOPY > 10m 2=SUB-CANOPY 3=UNDERSTOREY 4=GROUND (GRD.) LAYER LAYERS: 1=CANOPY > 10m 2=SUB-CANOPY 3=UNDERSTOREY 4=GROUND (GRD.) LAYER LAYERS: 1=CANOPY > 10m 2=SUB-CANOPY 3=UNDERSTOREY 4=GROUND (GRD.) LAYER LAYERS: 1=CANOPY > 10m 2=SUB-CANOPY 3=UNDERSTOREY 4=GROUND (GRD.) LAYER LAYERS: 1=CANOPY 3=UNDERSTOREY 4=GROUND (GRD.) LAYER LAYER LAYER LAYER LAYER LAYER LAYER LAYER LAYER LAYER LAYER LAYER LAYER LAYER LAYER LAYER LA DISTANCE FROM LAYER SPECIES CODE COLL. >5 m 2 3 ≤5 m 1 TREES: ALEPLEE ULMAMER SHRUBS: SAMRACE SPIALBA R-0 ROTA SP R-0 GROUND: TYPLATI PHARUN 0 Juncus

Signature: My Week
(Field Personnel)

Quality Control: This form/s complete 5 & legible Q

Signature: (Project Manager)

ELC Polygon: #44-7	Assess	sment Type:	⊒-Visua	al; no	access / 🖾	Walk throu	gh feature	Э		
Extent of Physical Inv	estigation	of Feature:	⊒-Entire	e / 🗅	-Partial, wal	k through p	olygon (in	ndicate on map)		
Reptile / Bat Hiber	nacula Fe	[ ] [	□-Y* / ☑ ji.e. featu oridge ab Contains □-Y* / ☑	2-N / ares th utments/potes 2-N /	at would prov its or culverts ential bat hil	n, no accesside a route un with cracks/c pernacula fe n, no acces	s (*if yes, iderground, entry points eatures? s (*if yes,	describe in table including buried	conerete vices or i	or rock (e.g. foundations. nactive animal burrows)]
POTENTIAL HIBER	NACULA F									
UTM			Feature Description			Photo No. Spp. Observed U			l Using Feature	
Bat Roosting Feat	ures:		/ 🗖-Unk	know	n, no acces	s (*if yes, de		table below) facing cavities	·10m hig	oh in tr <b>e</b> e]
POTENTIAL BAT RO	OSTING I	FEATURE(S)	IDENT	IFIE	D					
UTM	Tree ID	Tree Spp	. Di	вн	Photo No.	Decay Class (1-5)		No. of Cavities	Heigh	t and Type of Cavities
				1						
Stick Nests:	FORT BUTTER STEEL		Contain Q-Y* / 5	s larg	ge stick nesi ☐-Unknow	s? n, no acces	s (*if yes,	describe in tab	le belov	/)
STICK NEST(S) IDEN UTM	HIFIED	Tree ID		Tree	Cnn.	Nest Size	Photo N	S	Obsauca	d Heing Feetune
UTW		Tree ID		Tree	Spp.	INEST SIZE	PROCO IN	о. Spp.	Observe	d Using Feature
Seeps/Springs/Ver			□-Y*/5	M-N /		vernal pools n, no acces	s? ss (*if yes,	describe in tab	le below	)
SEEP / SPRING / VER UTM		ture No. & Ty	ne Fea	NTIF nture Diame	Size Wa	ter Depth	Photo No	Sub/Emerge Spp. Pres		Shrubs/ Logs at Edge Present?
SPECIES & HABITAT	ΓOBSERV	ATIONS (list	species	and t	ype of obser	vation & inc	dicate on 1	map)		
										1 es 1
										* 1

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

The second	Stantec Con- 1 – 70 Souths Guelph, ON Canada N1G Tel: (519) 836 Fax: (519) 83	gate Dnv 4P5 5-6050	Ltd. Coll. 7 Poly 3	Woodlar	oadside ELC nd & Wildlife sessment Fo	Habitat			
Project Number:	160950	269		Project Name:	NRING.				
Date	June 28 Field Personnel: W. Charton								
Weather Conditions:	TEMP (%	C):	WIND. 2-3	cloud: 90	PPT:	PPT (in last 24 hrs)			
				POLYGON DES	CRIPTION				
				TOPOGRAPHIC F	HISTORY				
COMMUNITY	POLYGON: START TIMI END TIME:		1-3	☐ LACUSTRINE ☐ RIVERINE ☐ BOTTOMLAND ☐ TERRACE ☐ VALLEY SLOPE ☐ TABLELAND MAROLL, UPLAND ☐ CLIFF	☐ TALUS ☐ CREVICE / CAVE ☐ ALVAR ☐ ROCKLAND ☐ BEACH / BAR ☐ SAND DUNE ☐ BLUFF	Ø NATURAL □ CULTURAL			
STAND DESCRIP	TION:								
LAYER	нт	CVR	1		ECREASING DOMI ATER THAN; = AB				
1 CANOPY									
2 SUB-CANOPY	_								
3 UNDERSTORE	Υ								
4 GRD. LAYER		4	TYPANGU						
HT CODES: CVR CODES:					5 <ht≤1m 6="0,2&lt;HT≤0&lt;br">60% 4=CVR&gt;60% N</ht≤1m>				
STANDING SNAGS:	N	H	<10	10 - 24	2550	>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	· Catha	iln	riveral shall	ow mars L	CODE: MAS	2-1			

CODE:

COMPLEX
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 observe

ABUNDANCE CODES: N=NONE R=RAR SPECIES CODE	CL U-OCCASI	LA	YER	DANIL	DISTANCE	COLL.	
SPECIES CODE	HATE ENG	2	3	4	≤5 m	>5 m	COLI
REES:		<b>新華</b>	原系統制				
SHRUBS:		2363	- Selection	Tata San			3/1/2
ROUND: TYPHA ANGW				Q.			기방

Signature: Mall Regressell

Quality Control: This form is complete 18 8 legible

Signature:

ELC Polygon: #44-	3 Asses	sment Type: 🗹-\	/isual; no	access /	⊒-Walk throu	igh feature	<b>;</b>		
Extent of Physical In	– vestigation	of Feature: 🔾-E	Entire / 🗆	I-Partial, w	alk through p	olygon <i>(in</i>	dicate on map)		
Reptile / Bat Hibe	rnacula F	□-Y [i.e. brìd <sub>i</sub> Con □-Y	/* / ☑-N . features the sea abutmentains po /* / ☑-N .	/ □-Unkno nat would prents or culver tential bat   / □-Unkno	ovide a route un ts with cracks/ hibernacula f	is (*if yes, inderground, entry points eatures? is (*if yes,	describe in table including buried of	omerete dices or i	or rock (e.g. foundations. nactive animal burrows)]
POTENTIAL HIBER	NACULA I			<del> </del>	monet mate.	n cures;			
UTM		Feat	ure Desc	ription		Photo No	Spp. O	bserved	l Using Feature
Bat Roosting Feat			-Unknov ith open	vn, no acce surroundin	ess (*if yes, d	lescribe in	table below)	10m hig	gh in tre <b>e]</b>
POTENTIAL BAT R	1		-			(4.5)			
UTM	Tree ID	Tree Spp.	DBH	Photo No	. Decay Cl	ass (1-5)	No. of Cavities	Heigh	t and Type of Cavities
Stick Nests: STICK NEST(S) IDE	NTIFIED	Cor	ntains lar /* / ☑-N	ge stick ne / □-Unkno	ests? wn, no acces	ss (*if yes,	describe in tabl	e below	<i>'</i> )
UTM		Tree ID	Tree	Spp.	Nest Size	Photo N	o. Spp. (	Observe	d Using Feature
Seeps/Springs/Ve	rnal Pool	s: Cor □-\	ntains se ∕* / ロ-N	eps/spring / 🗹-Unkno	s/vernal pool wn, no acces	s? ss (*if yes,	describe in tabl	e below	<i>'</i> )
SEEP/SPRING/VE	RNAL POC	DL FEATURE(S)	IDENTII	FIED					
UTM	Fea	ture No. & Type	Feature (Diame	1 10	ater Depth	Photo No	Sub/Emerger Spp. Prese		Shrubs/ Logs at Edge Present?
SPECIES & HABITA	T OBSERV	ATIONS (list spe	cies and	type of obs	ervation & in	dicate on r	nap)		
				1860					2

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 Con 1 – 70 South Guelph, ON Canada N10 Tel: (519) 83 Fax: (519) 83	gate Driv 3 4P5 3-6050		Woodla	oadside EL0 nd & Wildlife sessment Fo	Habitat			
Project Number:	160951	269		Project Name:	NRW.				
Date:	June	28		Field Personnel:	N. Charlton	$\wedge$			
Weather Conditions:	TEMP (°	C):	WIND: 2-3	CLOUD:	PPT:	PPT (in last 24 hrs):			
				POLYGON DES	CRIPTION				
				TOPOGRAPHIC F	EATURE	HISTORY			
ELC COMMUNITY DESCRIPTION & CLASSIFICATION	POLYGON: START TIM END TIME:	4L 5:	1-4 35	□ LACUSTRINE □ RIVERINE □ BOTTOMLAND □ TERRACE □ VALLEY SLOPE □ TABLELAND ☑ ROLL. UPLAND □ CLIFF	☐ TALUS ☐ CREVICE / CAVE ☐ ALVAR ☐ ROCKLAND ☐ BEACH / BAR ☐ SAND DUNE ☐ BLUFF	CULTURAL			
STAND DESCRIP	TION:								
LAYER	нт	CVR		ES IN ORDER OF DECREASING DOMINANCE ATER THAN; >GREATER THAN; = ABOUT EQUAL TO)					
1 CANOPY	3	4	PINISTRO	, , , , , , , , , , , , , , , , , , , ,					
2 SUB-CANOP	Y								
3 UNDERSTORE	Y 4		Cornus						
4 GRD. LAYER	5-7	3	Grass						
HT CODES: CVR CODES:	1=>25m 0=NONE				5 <ht≤1m 6="0.2&lt;HT≤&lt;br">60% 4=CVR&gt;60% N</ht≤1m>				
STANDING SNAGS			<10 <10 ×10 ×10 ×10 ×10 ×10 ×10 ×10 ×10 ×10 ×	10-24	√ 25 – 50	>50			
		N	=NONE R=RARE	O=OCCASIONAL	A=ABUNDANT N	O=Not observed			
ABUNDANCE CODES:									
STAND MATURITY:	PIONEER		YOUNG	MID-AGE	MATURE	OLD GROWTH			
STAND MATURITY:	1111		P	MID-AGE	MATURE CUP3				
STAND MATURITY:	- 1		P	1 / 2					

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 SPECIES CODE COLL. ≤5 m >5 m 1 2 3 4 TREES: PINSTRO SHRUBS: GROUND: grass

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

ELC Polygon: #44-	4 Asses	sment Type: 🛚	ച്-Visual; no	o access / 🗖	-Walk throu	gh feature			
Extent of Physical Inv	estigation	of Feature: C	⊒-Entire / C	J-Partial, wal	k through p	olygon <i>(inc</i>	licate on map)		
Reptile / Bat Hiber	nacula F	Li b C	□-Y* / □-N i.e. features the pridge abutmo Contains po □-Y* / ☑-N	hat would provents or culverts stential bat hi	n, no acces ride a route ur with cracks/e bernacula fo n, no acces	s (*if yes, conderground, intry points, eatures? s (*if yes, condermines)	<i>lescribe in table</i> neluding buried c	onerete o ices or i	or rock (e.g. foundations, nactive animal burrows)]
POTENTIAL HIBERN	NACULA I	FEATURE(S) I	IDENTIFIE	D	VIII-04 47415	1 weer war g			
UTM	1	F	Feature Desc	ription		Photo No.	Spp. O	bserved	Using Feature
			<del>*************************************</del>						
Bat Roosting Feature			/ □-Unknov s with open	wn, no acces surrounding	s (*if yes, d	escribe in t	able below) acing cavities ~	10m hig	gh in tree]
UTM	Tree ID	Tree Spp.		Photo No.	Decay Cla	ass (1-5)	No. of Cavities	Height	and Type of Cavities
		-			*				J
					<u> </u>				
Stick Nests:		(	Contains /ar ⊐-Y* / ☑-N	rge stick nes / □-Unknow	ts? n. no acces	s (*if yes, o	describe in table	e below	<b>(</b> )
STICK NEST(S) IDEN	TIFIED							,	,
UTM		Tree ID	Tree	Spp.	Nest Size	Photo No	. Spp. C	bserve	d Using Feature
Seeps/Springs/Ver			□-Y* / □-N		vernal pools n, no acces	s? s (*if yes, o	describe in table	e below	)
SEEP / SPRING / VER	NAL POO	)L FEATURE(							
UTM	Fea	iture No. & Typ	pe Feature (Diame	Wa	ter Depth	Photo No.	Sub/Emergen Spp. Prese		Shrubs/ Logs at Edge Present?
				***************************************				***************************************	
SPECIES & HABITAT	OBSERV	/ATIONS (list s	species and	type of obser	vation & inc	dicate on m	ap)		
									0.2
									<u>:</u> 4.

Stantec Project Number	Stantec Con 1 – 70 South Guelph, ON Canada N1C Tel: (519) 83 Fax: (519) 83	gate Driv 3 4P5 6-6050 36-2493	lord 2	Tile 44', Roadside ELC, Woodland & Wildlife Habitat Assessment Form  Project Name: NRW L Field Personnel: N. Charton					
Weather Conditions:	TEMP (	·C):	2-3	CLOUD:	PPT;	PPT (in last 24 hrs)			
				POLYGON DES	CRIPTION				
				TOPOGRAPHIC F	EATURE	HISTORY			
ELC COMMUNITY DESCRIPTION & CLASSIFICATION	POLYGON: START TIM END TIME:	44	1-5	☐ LACUSTRINE ☐ RIVERINE ☐ BOTTOMLAND ☐ TERRACE ☐ VALLEY SLOPE ☐ TABLELAND ☑ ROLL, UPLAND ☐ CLIFF	☐ TALUS ☐ CREVICE / CAVE ☐ ALVAR ☐ ROCKLAND ☐ BEACH / BAR ☐ SAND DUNE ☐ BLUFF	NATURAL  CULTURAL			
STAND DESCRI	PTION:								
LAYER	нт	CVR			DECREASING DOMI				
1 CANOPY									
2 SUB-CANOR	PΥ			4					
3 UNDERSTOR	EY 4	3	gran dosu	5000					
4 GRD. LAYE	R 5-7	14	Grusses = 5	olidago 7AS	CSYRI > ERIG	ERON			
HT CODES:					.5 <ht≤1m 6="0.2&lt;HT≤0&lt;/td"><td></td></ht≤1m>				
CVR CODES:		1=0%			60% 4=CVR>60% N/				
STANDING SNAGS ABUNDANCE CODES		!	<10 I=NONE R=RARE	0=OCCASIONAL	25 – 50 <b>A=</b> ABUNDANT N/	>50 O=Not observed			
STAND MATURITY	3111	₹	YOUNG	MID-AGE	MATURE	OLD GROWTH			
VEGETATION TYP		field	mendo n	CODE: CUM [-]					
COI	MPLEX			CODE:					
Evidence of Dist	turbance /	Notes:							
			, 1		1	1 1 11			

almost cut (dogwood < Im tall)

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 observe

THE DEED	LA	YER	DISTANCE	observed		
1	2	3	4	≤5 m	>5 m	COLL
1000	1882	英語				
R				V		
					/	
0		ļ		V		
K						
			846	Lefy (Let 4)	W.H79W	Laux
		/\t				
	建聚基	A			JET E KE	
		14			1	
		1				-
		ß	Ö	2		
			+			
	1 R O R	1 2 R	1 2 3 R K	1 2 3 4 P R O R A A	1 2 3 4 55 m  R  O  R  A  A	1 2 3 4 S5 m >5 m  R  O  R  A  A  A  A  A  A  A  A  A  A  A  A

Signature: (Field Personnel)

Quality Control: This form is complete 🗆 & legible 🖫.

ignature: /

CONTINUED								Wildli	Roadside ELC, Woodland & fe Habitat Assessment Form	
ELC Polygon: # 닉닉	-5 Assess	sment Type: ☑-	/ Visual; no	access / 🗆	-Walk throu	igh feature				
Extent of Physical In	vestigation	of Feature: 🔾-	Entire / 🗆	I-Partial, wal	k through p	olygon <i>(in</i>	dicate on map)			
Reptile / Bat Hibe		[i.e. brid Col [i.e.	Contains potential reptile hibernacula features?  —Y* / Ø-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* / Ø-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	ription		Photo No	. Spp. O	bserve	l Using Feature	
								***************************************		
Bat Roosting Fea			3-Unknow vith open	vn, no acces surrounding	s (*if yes, d		table below) acing cavities ~	10m híg	gh in tree]	
UTM	Tree ID	Tree Spp.	DBH	Photo No.	Decay Cl	ass (1-5)	No. of Cavities	Heigh	ht and Type of Cavities	
UTIVE	TITE ID	тес орр.	DDIL	111010110.	Decay Ci	(1-5)	110. 01 Cavities	neign	t and Type of Cavities	
Stick Nests:		Co	ntains lar Y* / ℚ-N	ge stick nes	ts? n, no acces	ss (*if yes,	describe in tabl	e belov	<i>(</i> )	
STICK NEST(S) IDE	NTIFIED	· · · · · · · · · · · · · · · · · · ·				, ,				
UTM		Tree ID	Tree	Spp.	Nest Size	Photo N	Photo No. Spp. Observe		d Using Feature	
		· · · · · · · · · · · · · · · · · · ·	.,				***************************************			
	I	***								
Seeps/Springs/Ve	rnal Pools	s: Co	ntains se Y* / □-N	eps/springs/ / 🗗-Unknow	vernal pool	s? ss (*if yes,	describe in tabl	e belov	/)	
SEEP/SPRING/VE	RNAL POO	L FEATURE(S)	IDENTIF	FIED	0					
UTM	Feat	ture No. & Type	Feature (Diame		ter Depth	Photo No	Sub/Emerger Spp. Prese		Shrubs/ Logs at Edge Present?	
	,,,,,,							***************************************		
					***************************************					
SPECIES & HABITA	T OBSERV	ATIONS (list sp	ecies and	type of obser	vation & in	dicate on r	nap)			
									4	

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

Legend

Proposed T Line Route Proposed Collector 120m Buffer

**Turbines in Signed Lands** 

Standard Turbine (105 dBA) Potential Turbine Locations

Turbines in Unsigned Lands

Standard Turbine (105 dBA)

51 m Turbine Setback

Proposed Collector Cable Alternate Collector Cable Route

Preliminary Study Area

Signed Property

Signed Property - Outside Study Area

Potential Signed Property Potential Signed Property - Outside Study Area

ELC Boundary

Provincially Significant Wetland

Other/Locally Significant Wetland Property Boundary

#### Notes

- Coordinate System: NAD 1983 UTM Zone 17N.
- Base features produced under license with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2012.



## **Stantec**

June, 2012 160950269

Niagara Region Wind Corporation Amphibian Field Maps

44

**Proposed Collector Route** Map 44



Legend

Proposed T Line Route

Proposed Collector 120m Buffer
Turbines in Signed Lands

Standard Turbine (105 dBA)

Potential Turbine Locations

Turbines in Unsigned Lands

Standard Turbine (105 dBA)

51 m Turbine Setback
Proposed Collector Cable

Alternate Collector Cable Route

Preliminary Study Area

Signed Property

Signed Property - Outside Study Area

Potential Signed Property

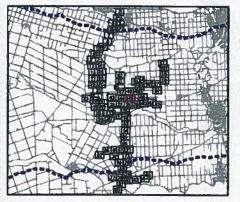
Potential Signed Property - Outside Study Area

ELC Boundary
Provincially Significant Wetland

Other/Locally Significant Wetland

Property Boundary

Wa- Eu done



### Notes

- 1. Coordinate System: NAD 1983 UTM Zone 17N.
- Base features produced under license with the Ontario Ministry of Natural Resources <sup>®</sup> Queen's Printer for Ontario, 2012.



Stantec

June, 2012

nt/Project

Niagara Region Wind Corporation Amphibian Field Maps

Figure No.

45

Proposed Collector Route Map 45

Stantec	Stantec Consultin 1 – 70 Southgate I Guelph, ON Canada N1G 4P5 Tel: (519) 836-605 Fax: (519) 836-249	Poly I	Woodla	oadside EL0 nd & Wildlife sessment Fo	Habitat			
Project Number:	100	20950269	Project Name:	NRWC				
Date:	John	13/12	Field Personnel:	MRS				
Weather Conditions:	TEMP (°C):	3-4	CLOUD:	PPT:	PPT (in last 24 hrs):			
			POLYGON DES	CRIPTION				
			TOPOGRAPHIC F	EATURE	HISTORY			
ELC	POLYGON:	16-1	☐ LACUSTRINE ☐ RIVERINE ☐ BOTTOMLAND ☐ TERRACE	☐ TALUS ☐ CREVICE / CAVE ☐ ALVAR ☐ ROCKLAND ☐ BEACH / BAR	© CULTURAL			
DESCRIPTIONS	END TIME:	3.15	☐ VALLEY SLOPE ☑ TABLELAND ☐ ROLL. UPLAND ☐ CLIFF	☐ SAND DUNE ☐ BLUFF				
STAND DESCRIP	TION:							
LAYER	HT CV	R	ES IN ORDER OF DECREASING DOMINANCE ATER THAN: >GREATER THAN: = ABOUT EQUAL TO)					
1 CANOPY	2 3	QUERUBA	R=FRAPENN>Shagbat>QUEMA					
2 SUB-CANOP	1 /	QUEMACE	e = ACESAS	NO QUERUB	R= FRAJEN			
3 UNDERSTORE		10 can Day	J'arrad = Sh	agbar H > H	la thon			
4 GRD. LAYER	1=>25m 2=1	HV9.12 0 <ht≤25m 3="2&lt;HT≤10&lt;/td"><td></td><td></td><td></td></ht≤25m>						
CVR CODES:		0% <cvr≤10% 2="10&lt;C&lt;/td"><td></td><td></td><td>1.4.1/</td></cvr≤10%>			1.4.1/			
STANDING SNAGS: ABUNDANCE CODES:		() <10 N=NONE R=RARE	0=OCCASIONAL	25 – 50 A=ABUNDANT N	/O=Not observed			
STAND MATURITY:	PIONEER	Young	MID-AGE	MATURE	OLD GROWTH			
VEGETATION TYPE			1 2	CODE: FOD	9-1			
COM	PLEX	Forst		CODE:				
Evidence of Distr	urbance / Note	s:						

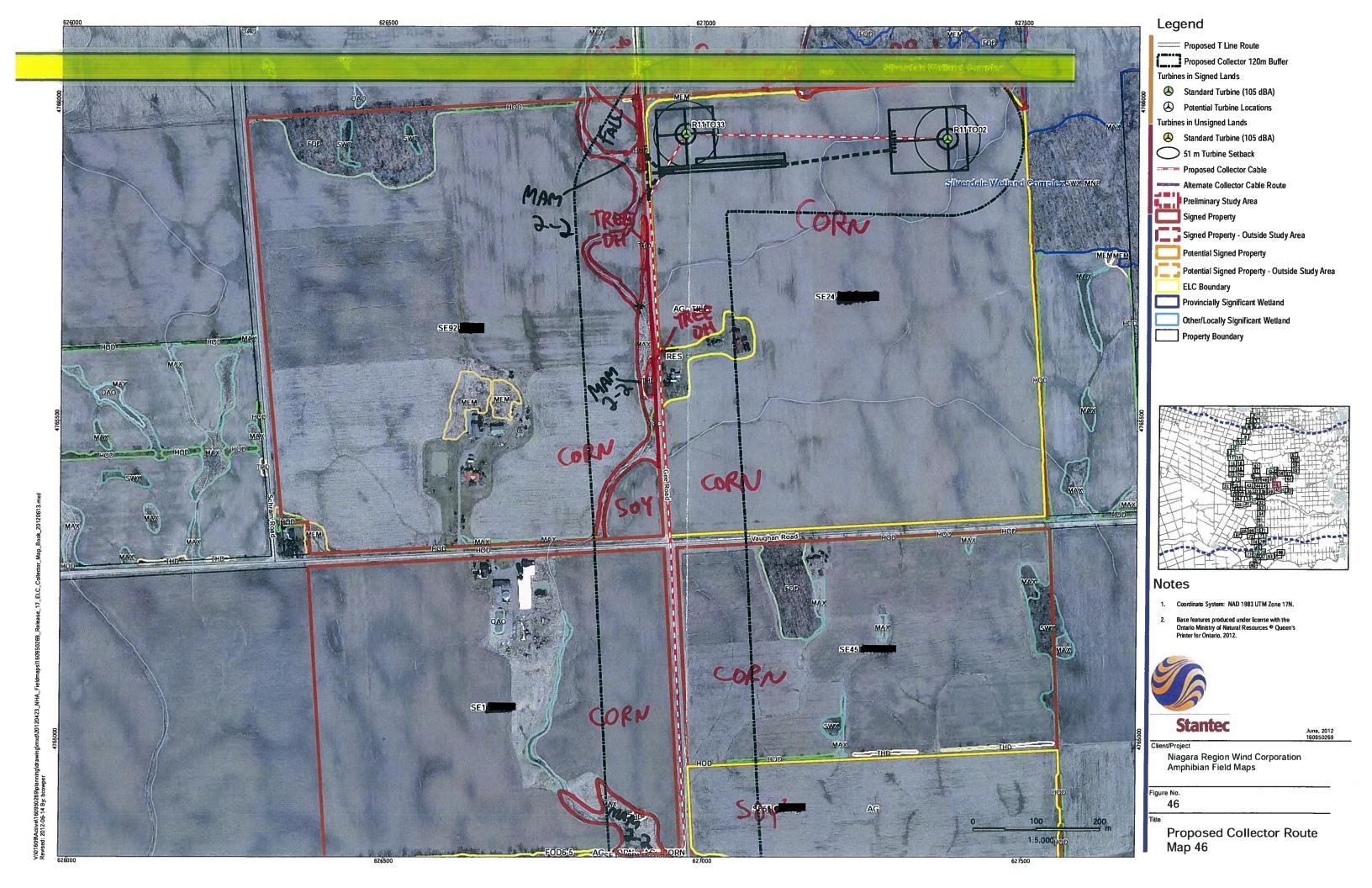
LAYERS: 1=CANOPY >10m 2=SUB-CANOPY 3=UNDERSTOREY 4=GROUND (GRD.) LAYER

ABUNDANCE CODES: N=NONE R=RARE 0=0CCASIONAL A=ABUNDANT D=DOMINANT N(0=Not observe)

ABUNDANCE CODES: N=NONE R=RARE O=	O O O A O IC		YER		DISTANCE	COLL.	
SPECIES CODE	1	1 2		4	≤5 m		>5 m
TREES:	THE STATE OF	和聯升	16.17				000169
DI-MACK	0	0	1				
Show Dark Hickory	OA		0	1			1
ACETASA	0	<b>Ø</b>					
QUERURR.	Ă	Ò	1				
TREES:  DILMACK  Shace Day Hickory  ACETASA  QUERUBR  FRAFENN	A	0					
SHRUBŞ:			Trans.	de la			3.50
Hanthorn So			20				
Hanthorn So			0	l			
) 0				Ī			
				1			
			1	1	1		
				1	1		
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	(Field Personnel)	(Project Manager)

ELC Polygon: #46	/ Asse	essment Type:	ù·V	isual; no	acces	s / 🗀-	Walk throu	gh feature				
Extent of Physical Inv	estigatio	on of Feature:	O-E	ntire / 🗆	I-Partia	l, wall	k through p	olygon <i>(in</i>	dicate on map)			
Reptile / Bat Hibernacula Features:				Contains potential reptile hibernacula features?								
POTENTIAL HIBERN	IACULA	FEATURE(S)										
UTM			Feat	ure Desc	ription			Photo No	Spp. C	bserved	l Using Feature	
Bat Roosting Featu		[i.e. tall tree	I/Q2: es wi	Unknov th open	vn, no a surrour	ccess	s (*if yes, d		<i>table below)</i> facing cavities ~	10m hiç	gh in tree]	
POTENTIAL BAT RO UTM	OSTING Tree I		<u></u>	DBH	Photo	No	Decey Cle	no (1.5)	No of Covities	Unigh	t and Truns of Casiting	
UIWI	1 ree 1	D Tree Sp	р.	DDH	PROTO	NO.	Decay Cla	iss (1-5)	No. of Cavities	Heign	t and Type of Cavities	
	<u> </u>	***************************************	*****									
Stick Nests:			Con	tains lar ′* / ロ-N	ge stick / 🖸-Un	knowi	s? n, no acces	s (*if yes,	describe in tab	e belov	/)	
STICK NEST(S) IDEN	TIFIED		ŀ	T	0		N - (C'	TOI 4 NO		<u> </u>		
UTM		Tree ID		Tree Spp. Nest Size			Nest Size	Photo No. Spp. Observed Using Feature				
					•							
Seeps/Springs/Ver	nal Po	ols:	Con	tains se ′* / ロ-N	eps/spr	ings/\ knowi	vernal pools	s? s (*if yes,	describe in tab	e belov	/)	
SEEP / SPRING / VER	NAL PO	OL FEATURE		DENTI	FIED							
UTM	F	eature No. & T	ype	Feature (Diam	1	Wat	ter Depth	Photo No	Sub/Emerge Spp. Pres		Shrubs/ Logs at Edge Present?	
SPECIES & HABITAT	OBSEI	RVATIONS (lis	t spe	cies and	type of	obser	vation & inc	dicate on 1	nap)			
											700 100	
											•	



Stantec	Canada N10 Tel: (519) 83	Stantec Consulting Ltd. Coll. Tile 47; A 70 Southgate Drive Suelph, ON Canada N1G 4P5 Fel: (519) 836-6050 Fax: (519) 836-2493 FROADSIDE HABITAT  Roadside ELC, Woodland & Wildlife Habitat Assessment Form										
Project Number:	16.00	026	9	Project Name:	NRIJC							
Date:			012	Field Personnel:								
	100	2,6	ULL	- reid rersonner.	NC, AO							
ather Conditions:	TEMP (°	C):	WIND: 3-4	CLOUD:	PPT:	PPT (in last 24 hrs).						
POLYGON DESCRIPTION												
				TOPOGRAPHIC F	EATURE	HISTORY						
COMMUNITY	POLYGON: START TIM END TIME:	47		☐ LACUSTRINE ☐ RIVERINE ☐ BOTTOMLAND ☐ TERRACE ☐ VALLEY SLOPE ☐ TABLELAND ☐ ROLL. UPLAND ☐ CUFF	□ NATURAL							
AND DESCRIP	TION:											
LAYER	нт	CVR	SPECII (>>MUCH GREA	ES IN ORDER OF DATER THAN: >GRE	ECREASING DOMI ATER THAN; = AB(	NANCE OUT FOUAL TO						
CANOPY												
SUB-CANOPY	/											
UNDERSTORE	Υ											
GRD. LAYER	5-1	Ч	DUARDIN	>> DAMARO	= DIREUSY							
CODES:	1=>25m	2=10 <h< td=""><td>T≤25m 3=2<ht≤10< td=""><td>O. I. M. A. I. A. A.</td><td>5<ht≤1m 6="0.2&lt;HT≤0&lt;/td"><td>1.5m <b>7</b>=HT&lt;0.2m</td></ht≤1m></td></ht≤10<></td></h<>	T≤25m 3=2 <ht≤10< td=""><td>O. I. M. A. I. A. A.</td><td>5<ht≤1m 6="0.2&lt;HT≤0&lt;/td"><td>1.5m <b>7</b>=HT&lt;0.2m</td></ht≤1m></td></ht≤10<>	O. I. M. A. I. A. A.	5 <ht≤1m 6="0.2&lt;HT≤0&lt;/td"><td>1.5m <b>7</b>=HT&lt;0.2m</td></ht≤1m>	1.5m <b>7</b> =HT<0.2m						
'R CODES:	0=NONE	1=0%<	CVR≤10% 2=10 <c< td=""><td>VR≤25% 3=25<cvr≤< td=""><td>60% 4=CVR&gt;60% N/</td><td>O=not observed</td></cvr≤<></td></c<>	VR≤25% 3=25 <cvr≤< td=""><td>60% 4=CVR&gt;60% N/</td><td>O=not observed</td></cvr≤<>	60% 4=CVR>60% N/	O=not observed						
ANDING SNAGS:			<10-	10 - 24	25 - 50	>50						
UNDANCE CODES:		N:	NONE R=RARE	O=OCCASIONAL		D=Not observed						
AND MATURITY:	PIONEER		YOUNG	MID-AGE	MATURE	OLD GROWTH						
GETATION TYPE	in gra	1-1	ineral mean	does nach	CODE: MAM 2	-2						

CODE:

/idence of Disturbance / Notes:

LAYERS: 1=CANOPY >10m 2=SUB- ABUNDANCE CODES: N=NONE R=RAR SPECIES CODE	LA	YER	M. Harri	DISTANCE	FROM RD.	1 150 170
	2	3	4	≤5 m	>5 m	COLL
TREES:						
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SHRUBS:						-
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GROUND:	 					
PHAARUN						
DAUCARO			A-0			
DAUCARO DIFFUSY			0-0			
TRIBERE			R-U R			
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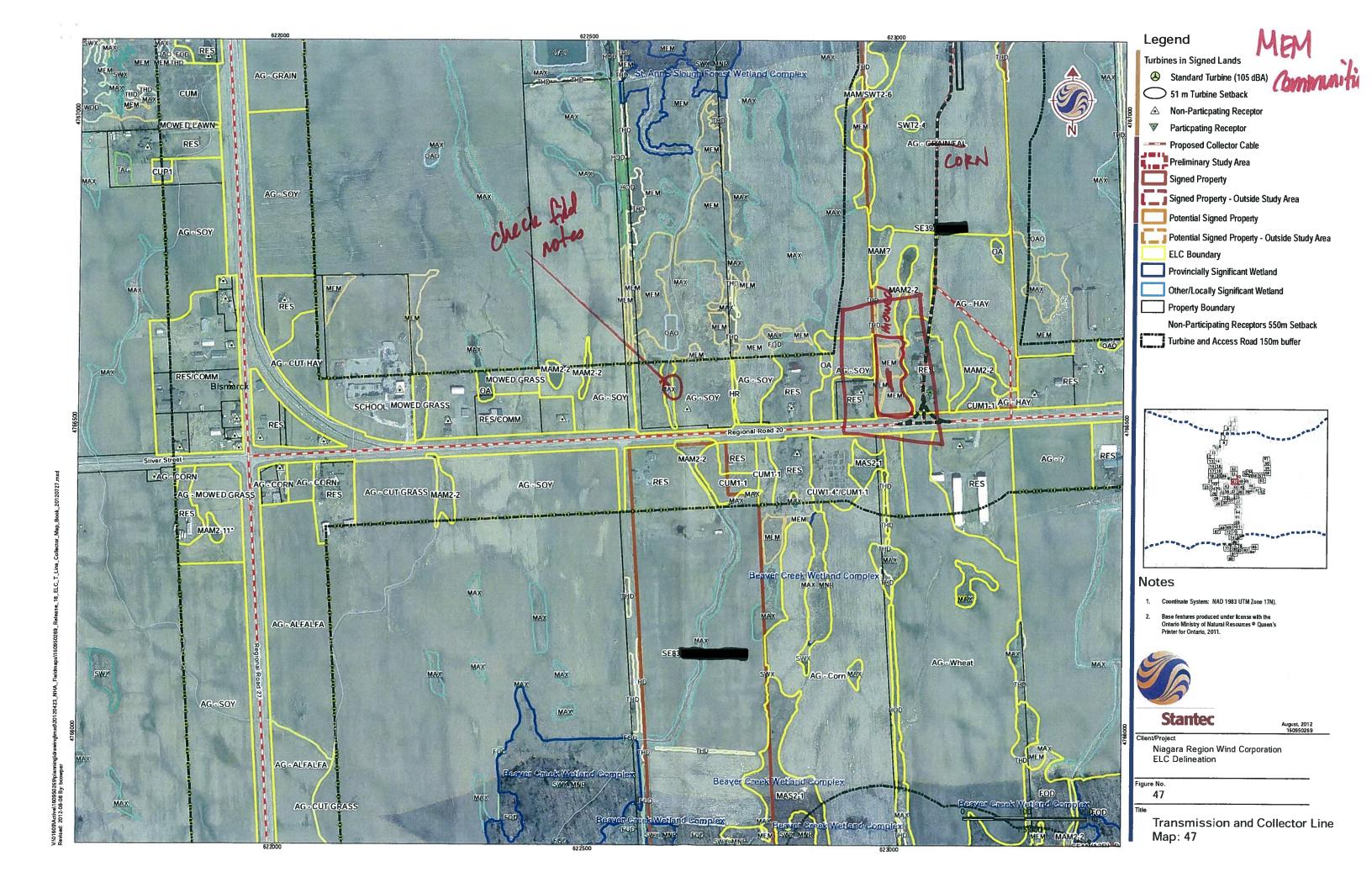
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	V	(Field Personnel)	

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Signature:

ELC Polygon: #47-	Asses	ssment Type: 🗹	Visual; n	o access / [	I-Walk thro	ugh feature	Э		
Extent of Physical Inv	- restigation	n of Feature: □-	Entire / C	⊒-Partial, wa	ik through p	oolygon <i>(in</i>	dicate on map)		
Reptile / Bat Hiber		[].e	Y* / □-N . features t dge abumic ntains pc Y* / □-N . karst topo	hat would pro ents or culvert otential bat h / ☑-Unknow ography, aban	In, no acces vide a route u s with cracks/ ibernacula : In, no acces	ss (*if yes, anderground, entry points features? ss (*if yes,	describe in table including buried of	oncrete vices or	or rock (e.g. foundations, inactive animal burrows)]
UTM	ACULA		ture Des			Photo No	Spp. C	bserve	d Using Feature
Bat Roosting Feat			I-Unknov vith open	wn, no acces surrounding	ss (*if yes, c	<i>lescribe in</i> 5cm, side-f	table below) facing cavities ~	10m hi	gh in tree]
POTENTIAL BAT RO UTM	OSTING Tree ID	FEATURE(S) ID Tree Spp.	ENTIFIE DBH	Photo No.	Dance Cl	Jan (1.5)	N66-44	TY	4 177 00 117
OTM	liee ID	rree spp.	DDIL	Filoto No.	Decay Cl	ass (1-5)	No. of Cavities	Heigh	t and Type of Cavities
Stick Nests:	.90.00	Co	ntains lai Y* / ⊠-N	rge stick nes / □-Unknov	its? vn, no acce	ss (*if yes,	describe in tabl	e belov	v)
STICK NEST(S) IDEN	TIFIED	Too ID	T	. C	No. of Co.	701 / 37			
UTM		Tree ID	1ree	Spp.	Nest Size	Photo No	o. Spp. C	)bserve	d Using Feature
				***************************************					
Seeps/Springs/Ver	nal Pool	s: Co	ntains se Y* / Ѽ-N	eps/springs	vernal pool	s? ss (*if yes,	describe in tabl	e belov	1)
SEEP / SPRING / VER	NAL POC	L FEATURE(S)	IDENTI	FIED					
UTM	Fea	ture No. & Type	Feature (Diame	LUV A	nter Depth	Photo No	Sub/Emerger Spp. Prese		Shrubs/ Logs at Edge Present?
SPECIES & HABITAT	OBSERV	ATIONS (list sp	ecies and	type of obse	vation & in	dicate on n	nap)		
CA-market IND-distinct	es parte. EU		EV	had HO-4-	uni Lun (AD	d 1 772	S	. 1919 1	struck: VO=vogalization



Stantec	Stantec Con 1 70 South Guelph, ON Canada N10 Tel: (519) 83 Fax: (519) 83	gate Driv 3 4P5 5-6050	<sub>.td.</sub> COII. Tik <sup>°</sup> Roly I	Woodla	oadside ELC nd & Wildlife sessment Fo	Habitat							
Project Number:	160950	160950269 Project Name: NRW C											
Date:	Tune 28 Field Personnel: N. Charton												
Weather Conditions:	TEMP (°	C):	WIND: 2-3	CLOUD:	PPT:	PPT (in last 24 hrs):							
POLYGON DESCRIPTION													
	TOPOGRAPHIC FEATURE HISTORY												
COMMUNITY	POLYGON: START TIM END TIME:	4 8 E:	35	☐ LACUSTRINE ☐ RIVERINE ☐ BOTTOMLAND ☐ TERRACE ☐ VALLEY SLOPE ☐ TABLELAND ☑ TRULL UPLAND ☐ CLIFF	☐ TALUS ☐ CREVICE / CAVE ☐ ALVAR ☐ ROCKLAND ☐ BEACH / BAR ☐ SAND DUNE ☐ BLUFF	MATURAL MCULTURAL							
STAND DESCRIP	TION:												
LAYER	нт	CVR			ECREASING DOMI								
1 CANOPY													
2 SUB-CANOPY	1												
3 UNDERSTORE													
4 GRD. LAYER	<u> </u>	4	1		DIPFULL=El								
HT CODES: CVR CODES:					5 <ht≤1m 6="0.2&lt;HT≤0&lt;br">60% 4=CVR&gt;60% N/</ht≤1m>								
STANDING SNAGS:	/	- H	<del>~10</del>	10-24	25 – 50	>50							
ABUNDANCE CODES:	/\	N	=NONE R=RARE	O=OCCASIONAL	A=ABUNDANT N/	O=Not observed							
STAND MATURITY:	PIONEER	1	YOUNG	MID-AGE	MATURE	OLD GROWTH							
VEGETATION TYPE: CODE: CUM (-1													
COM	PLEX C	eed-	anany gruss mi	nerad	CODE: MAM 2	2-2							
Evidence of Distu	ırbance / l	Notes:	Mee do	way) ·									

RWBB using MAM, which is mainly confined to western half

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

ABUNDANCE CODES: N=NONE R=RARE O=	OCCAS	LA	YER	DISTANCE	AND SERVICE		
SPECIES CODE	1 2 3			4	≤5 m >5 m		COLL
TREES:			<b>建物款</b>				
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GROUND:			XIII.		<b>以及</b>	THE PARTY	
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Signature: Will Berganol

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