ELC Polygon: #43 – Extent of Physical Inv	_1	sment Type: ☑-V of Feature: ☑-E								
Reptile / Bat Hiber	nacula Fe	□-Y [i.e. 1 bridg Con: □-Y	* / Q-N / features the ge abutmentains pol * / Q-N /	/ □-Unknov hat would pro ints or culvert tential bat h / □-Unknov	wide a route un is with eracks/e nibernacula fe	s (*if yes, onderground, entry points, eatures? s (*if yes, o	describe in table including buried c	oncrete or in	or rock (e.g. foundations, nactive animal burrows)]	
POTENTIAL HIBERN	NACULA F									
UTM		Feat	ure Desc	ription		Photo No.	. Spp. O	bserved	Using Feature	
			***************************************	***************************************						

Bat Roosting Feat		Contains potent □-Y* / ☑-N / □- [i.e. tall trees wi	-Unknow ith open	vn, no acce surrounding	ss (*if yes, de	escribe in a	table below) acing cavities ~	10m hig	gh in tree]	
POTENTIAL BAT RO			1	1	Draw Cl	(1.5)	N Colonidia	17 .5 - h.d		
UTM	Tree ID	Tree Spp.	. DBH Photo No.		Decay Cla	188 (1-5)	No. of Cavities	Height	eight and Type of Cavities	
					<u> </u>					
Stick Nests:		Con □-Y	ıtains lar ∕* / ☑-N	rge stick ne: / □-Unknov	sts? wn, no acces	ss (*if yes,	describe in tabl	e below	<i>(</i>)	
STICK NEST(S) IDEN			73		T	1				
UTM		Tree ID	Tree	Spp.	Nest Size	Photo No	Spp. C)bserved	d Using Feature	
Seeps/Springs/Ver	nal Pools	s: Con	ıtains se /* / □-N	eps/springs	s/vernal pools	s?	describe in tabl	e helow	A)	
SEEP / SPRING / VER	NAL POO				100 00000	3 (1.) 5 5,	40001120 11. 142.	5 5010		
UTM	Fear	ture No. & Type	Feature (Diame	1 00	ater Depth	Photo No.	Sub/Emerger Spp. Prese		Shrubs/ Logs at Edge Present?	

CDECIEC & HADITAT	POPSEDV	ATIONS (list and	-ice and	of obse			>		<u> </u>	
SPECIES & HABITAT	UDSERV	ATIONS (list spec	cies anu	type or onse	rvation & in	dicate on n	іар)			
									90	
									· · · · · · · · · · · · · · · · · · ·	

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

G C C	tantec Consulting – 70 Southgate Dri uelph, ON anada N1G 4P5 el: (519) 836-6050 ax: (519) 836-2493	ve Poly Z	Woodla	loadside EL nd & Wildlif sessment F	e Habitat
Project Number: /	695026	9	Project Name:	NRWC.	
Date:	Time 28		Field Personnel:	N-Chartton	(
Weather Conditions:	TEMP (°C):	WIND: 2-3	CLOUD:	PPT:	PPT (in last 24 hrs):
1			POLYGON DES	CRIPTION	
			TOPOGRAPHIC F		HISTORY
COMMUNITY DESCRIPTION &	TART TIME: 2	8-2:15	☐ LACUSTRINE ☐ RIVERINE ☐ BOTTOMLAND ☐ TERRACE ☐ VALLEY SLOPE ☐ TABLELAND 爲 ROLL. UPLAND ☐ CLIFF	☐ TALUS ☐ CREVICE / CAV ☐ ALVAR ☐ ROCKLAND ☐ BEACH / BAR ☐ SAND DUNE ☐ BLUFF	MATURAL E □ CULTURAL
STAND DESCRIPTI	ON:				
LAYER	HT CVR	1	IES IN ORDER OF DEATER THAN; >GRE		
1 CANOPY 2 SUB-CANOPY 3 UNDERSTOREY	2 3 3 2 4 2	CAROVA-		R>QUEM.	ACR
4 GRD. LAYER HT CODES: CVR CODES:	1=>25m 2=10<		10m 4=1 <ht≤2m 5="0.<br">CVR≤25% 3=25<cvr≤< th=""><th></th><th></th></cvr≤<></ht≤2m>		
STANDING SNAGS:		R <10	D) 10 – 24	12 25 - 50	∧/ >50
ABUNDANCE CODES:		N=NONE R=RARI		A=ABUNDANT	N/O=Not observed
STAND MATURITY:	PIONEER	YOUNG	MID-AGE	MATURE	OLD GROWTH
					1000 01101111
/EGETATION TYPE:	1	forest		CODE: FOD	11 100 0.00
COMPL	decidus	1 forest		CODE: FOD	
	lecidus.			CODE: SW1	>
COMPL	lecidus.		- FOD	FOD	>
COMPL	lecidus.	:	- lots of	CODE: SWI	possibly risible from ots swampy

ABUNDANCE CODES: N=NONE R=RARE O=OCCASIONAL A=ABUNDANT D=DOMINANT N/O=Not observed LAYER DISTANCE FROM RD. SPECIES CODE COLL. ≤5 m >5 m TREES: CAROVAT QUEMACR LLLMAMER 0 SHRUBS: ONTART 0 Grandogurroa A GROUND: NIA

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

		Quality C
Signature:	Miller	Sign
-	(Field Personnel)	

Quality Control This form is complete delegible delegibl

4=GROUND (GRD.) LAYER

ELC Polygon: #48-	Z Assess	sment Type: I	Z -Vis	sual; no	acces:	s / 🗆	·Walk throu	gh feature					
Extent of Physical Inv	- estigation	of Feature: [⊒-En	tire / 🗖	l-Partial	l, wall	k through p	olygon <i>(inc</i>	dicate on map)				
Reptile / Bat Hiber	nacula Fe	[] ([□-Y* i.e. fe oridge Conta □-Y*	atures the abutment of the state of the sta	/ ≝-Unk nat would ints or ou tential b / □-Unk	(nowing the control of the control o	ide a route ur with cracks/c cernacula fo	s (*if yes, aderground, entry points. eatures? s (*if yes, a	describe in table including buried o	oncrete (lees or i	or rock (e.g. foundations, nactive animal burrows)]		
POTENTIAL HIBER	NACULA F	EATURE(S)	IDEN	TIFIE	D			,					
UTM		<u>_</u>	eatu	re Desc	ription			Photo No	. Spp. O	Spp. Observed Using Feature			
		4											
		/											
Bat Roosting Feating None within 120 m	1)	[i.e. tall trees	/ □-L s with	J <mark>nknow</mark> n open	vn, no a surroun	cces	s (*if yes, d		table below) acing cavities ~	10m hiç	gh in tree]		
POTENTIAL BAT RO UTM	Tree ID	Tree Spp		NTIFIE DBH	D Photo	No.	Decay Cla	nee (1-5)	No. of Cavities	Heigh	t and Type of Cavities		
Uliva	110010	Песорр	-	LA AVEN	A HOLO	110.	Detay C.	133 (1-2)	INU. UI CATILICS	11(1511	tally Type of Cavilles		
	1												
										!			
Stick Nests: (non-	e within	120m)	Conta ⊒-Y*	ains/lar / ☑ -N	ge stick / □-Unl	c nest	is? n, no acces	s (*if yes,	describe in tabl	e below	<i>(</i>)		
STICK NEST(S) IDEN							1						
UTM		Tree ID		Tree	Spp.		Nest Size	Photo No	Spp. (Observe	d Using Feature		
													
								A CONTRACTOR OF THE PARTY OF TH					
Seeps/Springs/Ver			□-Y*	/ U -N	/ 🗹-Unl	ings/ know	vernal pools n, no acces	s? ss (*if yes,	describe in tabl	e below	<i>(</i>)		
SEEP / SPRING / VER			· .					1	CL/E-name	* T T_	C. L. C A Edua		
UTM	Feat	ture No. & Ty	pe	Feature (Diame		Wa	ter Depth	Photo No	Sub/Emerger Spp. Preso		Shrubs/ Logs at Edge Present?		
		***************************************					·····			······			
SPECIES & HABITAT	Γ OBSERV	ATIONS (list	speci	es and	type of	obser	vation & in	dicate on n	nap)				
											-		
											3 . Th		
											-08		

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

Stantec Project Number: Date:	1 – 70 South Guelph, ON Canada N10 Tel: (519) 83 Fax: (519) 83	Canada N1G 4P5 Tei: (519) 836-8050 Fax: (519) 836-2493 Assessment Form 1604 50214 Project Name: NRW C Field Personnel: N. Charlton								
Weather Conditions:	TEMP (°	C):	WIND: 2-3	cloud 90	PPT;	PPT (in last 24 hrs):				
POLYGON DESCRIPTION										
				TOPOGRAPHIC F	EATURE	HISTORY				
POLYGON: 47-3 START TIME: 2:40 END TIME:				☐ LACUSTRINE ☐ RIVERINE ☑ ROTOMLAND ☐ TERRACE ☐ VALLEY SLOPE ☐ TABLELAND ☐ ROLL. UPLAND ☐ CLIFF	MATURAL ☐ CULTURAL					
STAND DESCRIP	TION:				•					
LAYER	нт	CVR			EATER THAN; = ABO					
1 CANOPY	2	Ч	DUERCUS	SP > QUEN	IACR					
2 SUB-CANOP	1									
3 UNDERSTORE										
4 GRD. LAYER		2=40 -1	 T-25 3-2-UT-42	m ded chiTcOm 5-0	.5 <ht≤1m 6="0.2<HT≤0</td"><td>) 5 m 7 mHT = 0.2 m</td></ht≤1m>) 5 m 7 mHT = 0.2 m				
HT CODES: CVR CODES:					.5 <his1m 6="0.2<HIS<br">60% 4=CVR>60% N</his1m>					
STANDING SNAGS:	N/O		<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	De	cid	ws sua	mp	CODE: SWD					
COM	PLEX				CODE:					
Evidence of Distu	ırbance / l	Notes:								
		m f	ic to ma	ke out m	any spec	ies				

- it could be FOD9 or SWD - no ground layer viewable

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

ABUNDANCE CODES: N=NONE R=RARE O=	CCCAGI	LA'	YER	DAIN	DISTANCE	学的社	
SPECIES CODE	1	2	3	4	≤5 m	>5 m	COLL.
TREES:		设设	14.00				
QUEMACR	0					V	
QUEMACR QUERCUS SP	A						
SHRUBS:							Fig. 5
GROUND:	i skete	1370 74					
		100000000000000000000000000000000000000	Commission Inc.				
	<u> </u>	L	1		I		

Quality Control: This form is complete 2 & legible 12

ELC Polygon: #47-	} Asses	ssment Type: 0	☑ -Visual; ⊢	no acce:	ss / 🗆	-Walk throu	gh feature				
Extent of Physical Inv	- vestigation	n of Feature: ົເ	⊒-Entire /	□-Partia	al, wal	k through p	olygon <i>(inc</i>	dicate on map)			
Reptile / Bat Hiber	nacula F	(1 1 1	□-Y* / □-N i.e. features bridge abuth Contains p □-Y* / ☑-N	N / 🗹-Ur that wou nents or c potential N / 🔼-Ur	iknowi Id prov ulverts bat hil iknowi	ride a route ur with cracks/o bernacula fo	s (*if yes, oderground, entry points, eatures? s (*if yes, o	describe in table including buried c	onerete d	or rock (e.g. foundation nactive animal burrow	
POTENTIAL HIBER	NACULA										
UTM		F	Feature De	scription	1		Photo No	. Spp. O	bserved	Using Feature	
						··	- Para and Maria				
Bat Roosting Feat			/ ☑-Unkno s with ope	own, no n surrou	acces	s (*if yes, d	<i>escribe in</i> cm, side-f	table below) acing cavities ~	10m hiç	gh in tree]	
POTENTIAL BAT ROUTM	DOSTING Tree ID				o No	Decay Cla	sec (1.5)	No. of Cavities	Usight	t and Type of Caviti	
OTM	Tree ID	ттее эрр	. DDn	FHOL	0 140.	Decay Ca	158 (1-5)	No. of Cavities	neigni	t and Type of Caviti	les
			1								
Stick Nests:		1	Contains I □-Y* / □-I	arge stic N / ☑-Ur	k nes know	ts? n. no acces	s (*if ves.	describe in tabl	e below	<i>(</i>)	
STICK NEST(S) IDE	TIFIED	-					, , , , , ,				
UTM		Tree ID	Tr	ee Spp.	· · · · · · · · · · · · · · · · · · ·	Nest Size	Photo No	Spp. C)bserve	d Using Feature	
Seeps/Springs/Ver	rnal Pool	ls:	Contains s □-Y* / □-l	ieeps/sp N / ☑-Ur	rings/ nknow	vernal pools n, no acces	s? ss (*if yes,	describe in tabl	e below)	
SEEP / SPRING / VEI			Easter		1			Sub/E	4 \$7	Charlett and E	J
UTM	Fea	ature No. & Ty	ne:	meter)	Wa	ter Depth	Photo No.	Sub/Emerger Spp. Prese		Shrubs/ Logs at Ed Present?	1ge
SPECIES & HABITA	T OBSER	VATIONS (list	species an	d type of	obser	vation & in	dicate on n	nap)			6
:											89Á
										()	1
										- 3	

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

Stantec Project Number:	Stantec Consulting 1 – 70 Southgate Dri Guelph, ON Canada N1G 4P5 Tel: (519) 836-8050 Fax: (519) 836-2493	** Poly	Woodla As:	Roadside ELO nd & Wildlife sessment Fo	e Habitat orm
Weather Conditions:	TEMP (°C):	WIND: 2-3	cloud:	PPT:	PPT (in last 24 hrs):
			POLYGON DES		HISTORY
COMMUNITY	POLYGON: 48 START TIME: 2 END TIME:	:40	□ LACUSTRINE □ RIVERINE □ BOTTOMLAND □ TERRACE □ VALLEY SLOPE □ TABLELAND □ ROLL. UPLAND □ CLIFF	☐ TALUS ☐ CREVICE / CAVE ☐ ALVAR ☐ ROCKLAND	□ NATURAL
STAND DESCRIP	TION:	1		DECREASING DOM	
1 CANOPY	3-2 %	(>>MUCH GRE		EATER THAN; = AB	OUT EQUAL TO)
2 SUB-CANOPY	0 -	SAINSON		EPREE-FR	AX
3 UNDERSTORE		SALIX	ADEL ()AUC	EFFC C-FI	
4 GRD. LAYER	5-7	Grasses	> DIPFULL:	> MELALBA	
HT CODES: CVR CODES:		:HT≤25m 3 =2 <ht≤1< th=""><th>0m 4=1<ht≤2m 5="0</th"><th>.5<ht≤1m 6="0.2<HT≤<br">s60% 4=CVR>60% N</ht≤1m></th><th></th></ht≤2m></th></ht≤1<>	0m 4=1 <ht≤2m 5="0</th"><th>.5<ht≤1m 6="0.2<HT≤<br">s60% 4=CVR>60% N</ht≤1m></th><th></th></ht≤2m>	.5 <ht≤1m 6="0.2<HT≤<br">s60% 4=CVR>60% N</ht≤1m>	
STANDING SNAGS:		N <10	N 10-24	µ 25 − 50	>50
ABUNDANCE CODES:		N=NONE R=RARE	O=OCCASIONAL	A=ABUNDANT N	O=Not observed
ABUNDANCE CODES: STAND MATURITY:		N=NONE R=RARE	O=OCCASIONAL MID-AGE	A=ABUNDANT N MATURE	
STAND MATURITY:	PIONEER	Young	MID-AGE		OLD GROWTH
	PIONEER :Honwood-w	Young	MID-AGE	MATURE	OLD GROWTH
VEGETATION TYPE CO COMP	PIONEER HONWOOD - W	X froung fillow culture	MID-AGE	CODE: CUW	OLD GROWTH

- want to call it CUW

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

Signature:	Wildred
	(Field Personnel)

Quality Control: This form is complete # 8 legible @.

Signature:

(Project Manager)

ELC Polygon: #U\s- Extent of Physical Inv	 '							e on map)		
Reptile / Bat Hiber		Features: Cor □-\ [i.e. brid Cor □-\	ntains/po Y* / ☑-N . features the fee abutme ntains/po Y* / ☑-N	otential rep / □-Unkn that would p cots or culv otential ba / □-Unkn	ptile hibernac nown, no acc provide a route	cula feature ess (*if yes underground s/entry point a features? ess (*if yes	es? , desc l, includ s, expo	cribe in table ding buried cosed rock crev	onerete o fees or h	or rock (e.g. foundations, nactive animal burrows)]
POTENTIAL HIBER	NACULA I				MIRONICO HIBIO.	Or Caves 1				-
UTM		Fear	iture Desc		Photo N	0.	Spp. O	bserved	Using Feature	
Bat Roosting Feat	ures:	Contains poten □-Y* / ☑-N / □ [i.e. tall trees w	3-Unknov	wn, no acc	cess (*if yes,	describe ii 25cm, side	<i>n table</i> -facing	below)	10m hic	ah in treel
POTENTIAL BAT RO	1	FEATURE(S) ID		ED					,	
UTM	Tree ID	Tree Spp.	DBH Photo		Vo. Decay	Class (1-5)	No. c	of Cavities	Height	t and Type of Cavities
Official Manda			-4		-1-0					
Stick Nests:			ntains iar Y* / ☑-N	rge stick r / □-Unkn	nests? nown, no acc	ess (*if yes	, desc	cribe in table	e below	9
STICK NEST(S) IDEN	TIFIED									
UTM		Tree ID	Tree	e Spp.	Nest Siz	e Photo N	10.	Spp. O	bserved	d Using Feature
<u> </u>										
Seeps/Springs/Ver	nal Pool	s: Cor	ntains se Y* / □-N	eps/sprin / ⊠-Unkr	ngs/vernal po nown, no acc	ols? ess (*if yes	, desc	cribe in table	e below	·)
SEEP / SPRING / VER	NAL POO		IDENTII	FIED						
UTM	Fea	ture No. & Type	Feature (Diame	1	Water Depth	Photo N	o. Su	ub/Emergen Spp. Prese		Shrubs/ Logs at Edge Present?
					•••			***************************************		
			19							
SPECIES & HABITAT	Γ OBSERV	ATIONS (list spe	ecies and	type of ot	oservation &	indicate on	map)			
										(6)
				Š						. 1.
										* 60.7

	Stantec Consulting 1 – 70 Southgate Dr Guelph, ON Canada N1G 4P5 Tel: (519) 836-6050 Fax: (519) 836-2493 ILMS 0264 JUNE 28	Pdy S	, 'Roadside ELC.					
Weather Conditions:	TEMP (°C):	2-3	croud:	PPT:	PPT (in last 24 hrs):			
			POLYGON DES		HIETODY			
ELC . COMMUNITY DESCRIPTION & CLASSIFICATION	POLYGON: 47 START TIME: 34 END TIME:	3 - 5 roo	TOPOGRAPHIC I LACUSTRINE DRIVERINE DROTTOMLAND TERRACE VALLEY SLOPE TABLELAND GROLL, UPLAND CLIFF	□ TALUS □ CREVICE / CAVE □ ALVAR □ ROCKLAND □ BEACH / BAR □ SAND DUNE □ BLUFF	HISTORY EMATURAL CULTURAL			
STAND DESCRIP		SPECIE	S IN ORDER OF	DECREASING DOM	NANCE			
LAYER	HT CVR			EATER THAN; = AB				
1 CANOPY								
2 SUB-CANOP								
4 GRD. LAYER HT CODES: CVR CODES:	5-7 1 1=>25m 2=10	<ht≤25m <b="">3=2<ht≤10< th=""><th></th><th>5<u>1</u> .5<ht≤1m <b="">6=0.2<ht≤ ≤60% 4=CVR>60% N</ht≤ </ht≤1m></th><th></th></ht≤10<></ht≤25m>		5 <u>1</u> .5 <ht≤1m <b="">6=0.2<ht≤ ≤60% 4=CVR>60% N</ht≤ </ht≤1m>				
STANDING SNAGS	: 1	<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	· Open Ha	uatic		CODE: OA				
COM	PLEX '			CODE:				
Evidence of Dist	urbance / Notes	s:	wer 9	io % of it				
	- oper - Veg	rapely or	rer Im	wide at	perimeter			
	- wate	~ appears	s shallow	of of				
	but c	ian't be s	ure					

	A ALMER STATE OF THE STATE OF	YER		DISTANCE	COLL.	
1	2	3	4	≤5 m	>5 m	COLL
	FILE					
					, 1	
	接触物				分别	
		R			4	
				- 4	1 4	
					8 1	
				= 1		
	114					
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			1 2 3 R	R	R	R

4=GROUND (GRD.) LAYER

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

(Field Personnel)

Signature:

ELC Polygon: #∯	3-5 Ass	sessment Type	: 🗹-V	/isual; no	access / 🗆	I-Walk throu	igh feature				
Extent of Physical II	nvestigat	ion of Feature:	Q -E	Entire / 🗆	-Partial, wa	lk through p	oolygon <i>(in</i>	dicate on map)			
Reptile / Bat Hibe			i.e. brid Cor -Y	/* / ☑-N / features the ge abutmentains pole /* / ☑-N / karst topo	☐-Unknown at would proport or culvertential bat he ☐-Unknown graphy, abance	vide a route un s with cracks/ ibernacula f	ss (*if yes, inderground, entry points features? ss (*if yes,	describe in table including buried of exposed rock crev describe in table	oncrete lices or i	or rock (e.g. fou inactive animal l	
POTENTIAL HIBEI UTM	RNACUL	A FEATURE(S		ture Desc			Photo No	o. Spp. O	bserve	d Using Featur	e
Bat Roosting Fea	atures:	Contains	óoten	itial bat ro	posting feat	ures?		4-bla balawa			
		[i.e. tall tre	es w	ith open	s urr ounding	s s (<i>"It yes, a</i> Is, DBH >25	iescnbe in 5cm, side-1	table below) facing cavities ~	10m hiç	gh in tree]	
				-		Dacay Cl	ass (I-5)	No. of Covities	Haigh	t and Type of	Covitios
U I IVI	TICC	ID HEEST	pp.	DDII	I HOLU 110.	Decay C.	855 (1- <i>2)</i>	Nu. 01 Cavines	Deign	tanu rype or	Cavities
Contains, Johnson Features: Contains, Johnson Features Contains Con	v)										
	ENTIFIE			Tree	Spp.	Nest Size	Photo N	o. Spp. C	Observe	d Using Featu	re
	ال		U -1	Y* / 🖸-N	/ □-Unknov	/vernal pool /n, no acces	s? ss (*if yes,	describe in tabl	e belov	v)	
					Size		T	Sub/Emerger	ıt Veg	Shruhs/Logs	ot Edge
			-	(Diame	eter) W	-	Photo No	Spp. Prese	-	Presen	_
entire feature	>	pos 1	1	90×10	<u>un</u>	۷.		edges	**************************************	tew	
					100						
SPECIES & HABIT	AT OBSE	ERVATIONS (li	st spe	cies and	type of obse	rvation & in	dicate on 1	nap)			

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

Stantec	Stantec Cor 1 – 70 South Guelph, ON Canada N1 Tel: (519) 83 Fax: (519) 83	gate Driv 3 4P5 6-6050	.tu.	^l Woodlaı	oadside EL0 nd & Wildlife sessment Fo	Habitat
Project Number:	160950	1260	1	Project Name:	NRWC	
Date:	June	28		Field Personnel:	N-CharHon	Solitari
Weather Conditions:	30	°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:	4 % E:	3-A .30	☐ LACUSTRINE ☐ RIVERINE ☐ ROTTOMLAND ☐ TERRACE ☐ VALLEY SLOPE ☐ TABLELAND ☐ ROLL. UPLAND ☐ CLIFF	☐ TALUS ☐ CREVICE / CAVE ☐ ALVAR ☐ ROCKLAND ☐ BEACH / BAR ☐ SAND DUNE ☐ BLUFF	ضATURAL □ CULTURAL
STAND DESCRIP	TION:					
LAYER	нт	CVR			DECREASING DOM ATER THAN; = AB	
1 CANOPY						
2 SUB-CANOP	Y					
3 UNDERSTORE	Y					
4 GRD. LAYER	4-7	4	PHAARUN-		sp	
HT CODES: CVR CODES:	1=>25m 0=NON				5 ['] HT≤1m 6≕0.2 <ht≤ :60% 4≕CVR>60% N</ht≤ 	
STANDING SNAGS	:		<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: Yearl-canary grass mineral needow warsh CODE: MAM 2-2

COMPLEX CODE:

Evidence of Disturbance / Notes:

Applies to several polygon - all same 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= SPECIES CODE		LA	YER		DISTANC	E FROM RD.	DESIGN.
SPECIES CODE	1	2	3	4	≤5 m	>5 m	COLL
TREES:							
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SHRUBS:						i Carte	
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2 C. Chinaper, For S. F. Burran Street distribution of the control	. potnenia		PRECORD CON	NAMES OF STREET	SEPSEMBER STREET	. 3550 1 0 5 5 6	NI S. Kessiii
GROUND: PHAAKUN TYPHA SP				1	~		
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Signature:	rechall
/ *	(Field Personnel)

Quality Control: This form is complete in & legible a.

Signature: (Project Manager)

ELC Polygon: #49 -	_A Asse	ssment Type:	ឋ-Visual; n	o access / [⊒-Walk throu	gh feature	;			
Extent of Physical Inve	estigatio	on of Feature:	□-Entire / □	⊒-Partial, wa	alk through p	olygon <i>(in</i>	dicate on map)			
Reptile / Bat Hiberr	nacula I	· [□-Y* / ☑-N [i.e. features the bridge abutmon Contains pool □-Y* / ☑-N	I / Q-Unknov that would pro- cents or culvert otential bat h I / Q-Unknov	wide a route ur ts with cracks/e nibernacula fe wn, no acces	is (*if yes, inderground, entry points, eatures? is (*if yes,	describe in table including buried c , exposed rock crev	concrete o	or rock (e.g. foundation nactive animal burro	
	NACULA	A FEATURE(S)	IDENTIFIE	ED	HOADON AJAKIAWAY A.	Learning				
UTM			Feature Des	cription		Photo No	Spp. O	bserved	Using Feature	
		□-Y* / ☑-N [i.e. tall tree	/ Q-Unknowns with open	wn, no acce surrounding	ss (*if yes, d			10m hig	h in tree]	
POTENTIAL BAT RO UTM	1	·- · · · · · · · · · · · · · · · · · ·			Decay Cla	ass (1-5)	No. of Cavities	Height	and Type of Cavi	ties

Bat Roosting Features: Contains potential bat roosting features? \[\textsize \frac{1}{2} \cdot \fra)									
	ITIFIED		Tre	a Snn	Nost Siza	Dhoto N	Snn (Theory	I Using Facture	
Otto		litte ib	liv	е эрр.	NUST SIZE	FROW	0. Зүр. С)DSCI VCC	1 Using reature	
Bat Roosting Features: Contains potential bat roosting features? C-Y* Z-N / C-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 Height and Type Contains/large stick nests? C-Y* / Z-N / C-Unknown, no access ("if yes, describe in table below) STICK NEST(S) IDENTIFIED UTM Tree ID Tree Spp. Nest Size Photo No. Spp. Observed Using Feature Size Contains seeps/springs/vernal pools? C-Y* / C-N / C-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. Shrubs/Spp. Present? Photo No. Spp. Present? Photo No. Photo	·									
Stick Nests: Contains/large stick nests?										
UTM	Fe	eature No. & Ty	vine) .	: VV	ater Depth	Photo No			Shrubs/ Logs at E Present?	Edge
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	M						***************************************		
□-Y* / □-N / ☑-Unknown, no access (*if yes, describe in table below) SEEP / SPRING / VERNAL POOL FEATURE(S) IDENTIFIED UTM Feature No. & Type										
									<u>1</u>	

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 Transle

itial Signed Property - Outside Study Area **ELC Boundary**

Provincially Significant Wetland

Other/Locally Significant Wetland Property Boundary

A: MAM2-2 (red caren gras)



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

Figure No.

48

Proposed Collector Route Map 48

Stantec	Stantec Con 1 – 70 South Guelph, ON Canada N10 Tel: (519) 830 Fax: (519) 83	gate Driv 3 4P5 3-6050	td. COII. T	Woodla	Roadside EL0 and & Wildlife ssessment Fo	Habitat
Project Number:	160450	261		Project Nam	e: YIDINIC	
Date:	100	29		Field Personne	19.1.	
Weather Conditions:	TEMP (°	C):	WIND: 2-3	CLOUD:	PPT:	PPT (in last 24 hrs).
				POLYGON DE	SCRIPTION	
				TOPOGRAPHIC	FEATURE	HISTORY
ELC	POLYGON: START TIM END TIME:	49 E: 3:	-1 05	☐ LACUSTRINE ☐ RIVERINE ☐ BOTTOMLAND ☐ TERRACE ☐ VALLEY SLOPI ☐ TABLELAND ☐ ROLL. UPLAND	☐ ROCKLAND E ☐ BEACH / BAR ☐ SAND DUNE	□ NATURAL □ CULTURAL
STAND DESCRIP	TION:			-		
LAYER	нт	CVR			DECREASING DOM REATER THAN; = AB	
1 CANOPY						
2 SUB-CANOP						
3 UNDERSTORE					y .	
4 GRD. LAYER	19 7	4	TUPANGO			
HT CODES: CVR CODES:					=0,5 <ht≤1m <b="">6=0.2<ht≤ R≤60% 4=CVR>60% N</ht≤ </ht≤1m>	
STANDING SNAGS	:		<10	10 – 24	25 – 50	>50
ABUNDANCE CODES:		N	=NONE R=RAR	E O=OCCASIONA	L A=ABUNDANT N	/O=Not observed
STAND MATURITY:	PIONEER		YOUNG	MID-AGE	MATURE	OLD GROWTH
VEGETATION TYPE	cata	cl Mi	reine shallo	w Marsh	CODE: MAS	2-1
COM	PI FX	T			CODE:	

Evidence of Disturbance / Notes:

RWBB

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

	CODES: N=NONE R=RARE	S-OCOAS	LA	YER		DISTANC	E FROM RD.	1555 163
	SPECIES CODE	11	2	3	4	≤5 m	>5 m	COLL
TREES:					TA SE	计算符建		
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THE PART ROLL		- Xea S 11 CO 123		# C/ - SPECIAL	37,55,75	1 K. L. (1400) (130)	V.S. N. W. A.C	
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GROUND:			3-48-15		A		100	i. line
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Signature:	Willrest
	(Field Personnel)

Quality Control: This form is complete & & legible a

Signature:

ELC Polygon: #49-	Asse	essment Type:	☑-Visual; n	o acces	ss / 🗖	-Walk throu	gh feature			
Extent of Physical In	– vestigatio	on of Feature:	□-Entire / □	⊒-Partia	al, wal	k through p	olygon <i>(inc</i>	dicate on map)		
Reptile / Bat Hiber		 	□-Y* / □-N [i.e. features bridge abutm Contains po □-Y* / ☑-N [i.e. karst top	/ ₫-Un that wou cuts or co otential / □-Un ography,	know Id prov Idverts bat hi know	ide a route ur with cracks/c bernacula fo	s (*if yes, onderground, entry points, eatures? s (*if yes, o	describe in table including buried o	oncrete /iccs or i	or rock (e.g. foundations. nactive animal burrows)]
UTM		l	Feature Des	cription	l		Photo No	Spp. O	bserved	Using Feature
Bat Roosting Feat		[i.e. tall tree	/ □-Unkno s with oper	wn, no a	acces	s (*if yes, d	escribe in cm, side-fa	table below)	10m hiç	gh in tree]
POTENTIAL BAT ROUTEM	Tree I			Photo	No.	Decay Cla	ass (1-5)	No. of Cavities	Heigh	t and Type of Cavities
Stick Nests:			Contains la ロ-Y* / 纽-N	rge stic I / ロ-Ur	k nes know	ts? n, no acces	ss (*if yes,	describe in tabl	e below	1)
STICK NEST(S) IDEI	NTIFIED	Tree ID	Tre	e Spp.		Nest Size	Photo No	Spp. C)bserve	d Using Feature
	11									, , , , , , , , , , , , , , , , , , , ,
Seeps/Springs/Ve	rnal Po	ols:	Contains se	eeps/sp	rings/	vernal pools	s? ss (*if ves	describe in tabl	e helov	/)
SEEP/SPRING/VEI	RNAL PO				IKITOW	11, 110 00000	13 (11) 03,	acsonbe in tabl	C DEION	<u> </u>
UTM	F	eature No. & Ty	pe Featur (Dian	re Size	Wa	ter Depth	Photo No.	Sub/Emerger Spp. Prese		Shrubs/ Logs at Edge Present?
SPECIES & HABITA	T ORSEI	RVATIONS (liet	enecies and	type of	ohear	wation & in	dicata on n	lan)		
SI LCIES & HABITA	TODSEI	KV/IIIONS (list	species and	type of	obser	vacion & m	uicate on ii	iap)		
										82

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 Project Number:	Canada N10 Tel: (519) 83 Fax: (519) 83	4P5 6-6050	Poly 2	Woodlaı	oadside ELC nd & Wildlife sessment Fo	Habitat
Date:	June	28		Field Personnel:	N. Charto	\sim
Weather Conditions:	TEMP (°	C):	WIND: 2-3	CLOUD:	РРТ	PPT (in last 24 hrs):
				POLYGON DES	CRIPTION	
				TOPOGRAPHIC F	EATURE	HISTORY
COMMUNITY	POLYGON: START TIMI END TIME:	49 E: 3:	-2 15	☐ LACUSTRINE ☐ RIVERINE ② BOTTOMLAND ☐ TERRACE ☐ VALLEY SLOPE ☐ TABLELAND ☐ TABLELAND ☐ CLIFF	☐ TALUS ☐ CREVICE / CAVE ☐ ALVAR ☐ ROCKLAND ☐ BEACH / BAR ☐ SAND DUNE ☐ BLUFF	Ø NATURAL □ CULTURAL
STAND DESCRIP	TION:	•				
LAYER	нт	CVR			ECREASING DOMI ATER THAN: = ABO	
1 CANOPY						
2 SUB-CANOP	Y					
3 UNDERSTORE	Y		,			
4 GRD. LAYER		4	PHAARUN			
HT CODES: CVR CODES:					5 <ht≤1m <b="">6=0,2<ht≤0 60% 4=CVR>60% N/</ht≤0 </ht≤1m>	
STANDING SNAGS:		II	<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	reid a	inar	mirerelu	wodownash	CODE: MAM	2-2
COM	PLEX				CODE:	

Evidence of Disturbance	e / Notes:		1		<u> </u>	0
atleast	5 m	wide	up to	120 m	trom	rd-

 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
 LAYER DISTANCE FROM RD. SPECIES CODE COLL. 2 >5 m 3 4 ≤5 m TREES: SHRUBS: GROUND: P/+AARUN

|--|

ELC Polygon: #49-3	2 Asse	ssment Type:	☑-Visual; n	o access / 🗆	I-Walk throu	gh feature	•		
Extent of Physical Inv	- restigatio	n of Feature:	☐-Entire / 0	⊒-Partial, wa	lk through p	olygon <i>(in</i>	dicate on map)		
Reptile / Bat Hiber	nacula i		□-Y* / Ø-N [i.e. features: bridge abutm Contains po □-Y* / ☑-N	that would pro énts or culvert otential bat h	In, no acces wide a route up with cracks/cibernacula for In, no acces	s (*if yes, nderground, entry points, eatures? is (*if yes,	describe in table including buried c	oncrete ices or i	or rock (e.g. foundations, nactive animal burrows)]
POTENTIAL HIBER!	NACULA				aonea mines o	i caves ₁			
UTM			Feature Des	cription		Photo No	Spp. O	bserved	Using Feature
Bat Roosting Feat	ures:	□-Y*/Ø-N	/ Q-Unkno		ss (*if yes, d		table below) facing cavities ~	10m hiç	gh in tree]
POTENTIAL BAT RO	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: STICK NEST(S) IDEN	TIFIED		Contains la □-Y* / ⊡-N	ırge stick nes I / □-Unknov	sts? vn, no acces	ss (*if yes,	describe in tabl	e below	<i>'</i>)
UTM		Tree ID	Tre	e Spp.	Nest Size	Photo N	o. Spp. C)bserve	d Using Feature
Seeps/Springs/Ver			O-Y* / O-N		/vernal pools	s? ss (*if yes,	describe in tabl	e belov)
SEEP / SPRING / VER UTM		OL FEATURE ature No. & Ty	Easter	e Size w	ater Depth	Photo No	Sub/Emerger Spp. Prese		Shrubs/ Logs at Edge Present?
CDECIES & HADITA	FORSED	NA THONG (E.A			A* D *				
SPECIES & HABITA	OBSER	VATIONS (list	species and	type of obse	rvation & in	aicate on r	пар)		*
									n 5.
									1 a 1 a

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

POLYGON DESCRIPTION TOPOGRAPHIC FEATURE POLYGON: 49 -3 COMMUNITY DESCRIPTION & CLASSIFICATION TIME: START TIME: COMMUNITY DESCRIPTION & CLASSIFICATION TOPOGRAPHIC FEATURE COMMUNITY DESCRIPTION & CLASSIFICATION TERRACE DALAVAR DALAVAR DALAVAR DALLEV SLOPE DALALELAND AROCKLAND DESCRIPTION: LAYER HT CVR SPECIES IN ORDER OF DECREASING DOMINANCE (>>MUCH GREATER THAN; > GREATER THAN; = ABOUT EQUAL TO CANOPY 2 SUB-CANOPY 3 UNDERSTOREY 4 GRD. LAYER H-7 LAYER TOPANAM PHRAM PHRAM THOODES: 1=>25m 2=10 <ht<25m 0="NONE" 1="0%<CVRS10%" 2="10<CVRS25%" 3="25<CVRS60%" 4="CVR" 5="0.5<HT<1m" 6="0.2<HT<0.5m" 7="HT<0.2m" codes:="" cvr="">60% N/O=not observed STANDING SNAGS: N=NONE R=RARE D=0CCASIONAL A=ABUNDANT N/O=Not observed</ht<25m>	Stantec	Fax: (519) 83	94P5 3-6050 6-2493	Poly 3	Woodlai As:	oadside ELC nd & Wildlife sessment Fo	Habitat
POLYGON DESCRIPTION TOPOGRAPHIC FEATURE POLYGON: 49 - 3 START TIME: STARD DESCRIPTION TOPIC TIME: START			-				
POLYGON DESCRIPTION TOPOGRAPHIC FEATURE POLYGON: 49 -3 COMMUNITY DESCRIPTION 8. CLASSIFICATION TOPOGRAPHIC FEATURE POLYGON: 49 -3 CLAUSTRINE CREVICE / CAVE CREVICE /	Date:	JUNE 7	ð		Field Personnel:	N. Charlton	
TOPOGRAPHIC FEATURE POLYGON: 49 -3 START TIME: 3:45 END TIM	Weather Conditions:	TEMP (°	C):		- 17	PPT:	PPT (in last 24 hrs):
ELC COMMUNITY DESCRIPTION & CLASSIFICATION END TIME: STAND DESCRIPTION: LAYER HT CVR SPECIES IN ORDER OF DECREASING DOMINANCE (>>MUCH GREATER THAN; > GREATER THAN; = ABOUT EQUAL TO CANOPY SUB-CANOPY UNDERSTOREY 4 GRD. LAYER H-7 GROCKLAND BEACH /BAR SAND DUNE BLUFF SAND DUNINANCE SAND					POLYGON DES	CRIPTION	,
ELC COMMUNITY DESCRIPTION & CLASSIFICATION TIME: START TIME: STARD					TOPOGRAPHIC F		A STATE OF THE PARTY OF THE PAR
LAYER HT CVR SPECIES IN ORDER OF DECREASING DOMINANCE (>>MUCH GREATER THAN; > GREATER THAN; = ABOUT EQUAL TO SUB-CANOPY 2 SUB-CANOPY 3 UNDERSTOREY 4 GRD. LAYER 4-7 U TYPANGU >> PHRAWST HT CODES: 1=>25m 2=10 <hts25m 0="0CCASIONAL</td" 1="0%<CVR\$10%" 2="10<CVR\$25%" 3="25<CVR\$60%" 4="CVR\$60%" 5="" 6="" 7="HT<0.2m" a="0CCASIONAL" codes:="" cvr="" n="NONE" o="Not" observed="" r="RARE" sub-codes:=""><td>COMMUNITY DESCRIPTION &</td><td>START TIM</td><td>44.</td><td>-3 45</td><td>☐ RIVERINE —</td><td>☐ CREVICE / CAVE ☐ ALVAR ☐ ROCKLAND ☐ BEACH / BAR ☐ SAND DUNE</td><td>1</td></hts25m>	COMMUNITY DESCRIPTION &	START TIM	44.	-3 45	☐ RIVERINE —	☐ CREVICE / CAVE ☐ ALVAR ☐ ROCKLAND ☐ BEACH / BAR ☐ SAND DUNE	1
LAYER HT CVR SPECIES IN ORDER OF DECREASING DOMINANCE (>>MUCH GREATER THAN; > GREATER THAN; = ABOUT EQUAL TO SUB-CANOPY UNDERSTOREY GRD. LAYER H-7 TCODES: 1=>25m 2=10 <ht<25m 0="NONE" 1="0%<CVR<10%" 2="10<CVR<25%" 3="25<CVR<60%" 4="CVR" 5="0.5<HT<1m" 6="0.2<HT<0.5m" 7="HT<0.2m" codes:="" vr="">60% N/O=not observed TANDING SNAGS: N=NONE R=RARE 0=0CCASIONAL A=ABUNDANT N/O=Not observed TAND MATURITY: PIONEER YOUNG MID-AGE MATURE OLD GROW</ht<25m>	TAND DESCRIP	TION:					
SUB-CANOPY	LAYER	нт	CVR				
3 UNDERSTOREY 4 GRD. LAYER	1 CANOPY						
GRD. LAYER							
TCODES:			. 1	m 124 11 1	1 == 01:04:	/-	
BUNDANCE CODES: N=NONE R=RARE O=OCCASIONAL A=ABUNDANT N/O=Not observed TAND MATURITY: PIONEER YOUNG MID-AGE MATURE OLD GROW	IT CODES:	1=>25m			0m 4=1 <ht≲2m 5="0</td"><td>5<ht≤1m 6="0,2<HT≤</td"><td></td></ht≤1m></td></ht≲2m>	5 <ht≤1m 6="0,2<HT≤</td"><td></td></ht≤1m>	
TAND MATURITY: PIONEER YOUNG MID-AGE MATURE OLD GROW	TANDING SNAGS:	Ŋ	#	<10	10 – 24	25 - 50	>50
	BUNDANCE CODES:		N	=NONE R=RARE	O=OCCASIONAL	A=ABUNDANT N/	O=Not observed
rEGETATION TYPE: A Hail Mineral shallow Marsh CODE: MASZ-1	TAND MATURITY:	PIONEER		YOUNG	MID-AGE	MATURE	OLD GROWTH
	EGETATION TYPE	alfail	Uine	val shallow	Marsh	CODE: MAS	2-
COMPLEX CODE:	COM	PLEX				CODE:	

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=C SPECIES CODE		LA	YER	A PARTY	DISTANCE	FROM RD.	THOUSE Y
SPECIES CODE	1 166	2	3	4	≤5 m	>5 m	COLI
REES:	E STAR		計學	7. E. S.		in a same	
CORAUS (Gray)	STATE	三角	9,000	\$ 165	radio and the		=90
CORNUS (Gray)							
SROUND:	BURGER.	电影 表	REAL STATES		FREAT !		1 11 11 1 11 1 1 1
TYPANGU PHRAUST				A			
PHRAUST				U-R			
<i>f</i>						1/	

Signature: (Field Personnel)

uality Control This form is complete & legible

ELC Polygon: #49	Assess	sment Type: 🕻	r-Visual; n	o access	/ 🗆-	Walk throu	gh feature			
Extent of Physical Inv	- restigation	of Feature:	I-Entire / C] -Partial,	walk	k through p	olygon <i>(ind</i>	licate on map)		
Reptile / Bat Hiber	nacula Fe	[i bi	I-Y* / □-N i.e. features t ridge abutmo contains po I-Y* / ☑-N	/ ☑-Unkithat would costs or cultottential bate / □-Unkithat	nowr provi verts at hik nowr	ide a route ur with eracks/c pernacula fe	s (*if yes, conderground, intry points. eatures? s (*if yes, conderground)	lescribe in table neluding buried o	onerete rices or i	or rock (e.g. foundations, inactive animal burrows)]
POTENTIAL HIBER	NACULA F				O. W. S.	Alled Milles O				
UTM		F	eature Des	cription			Photo No.	Spp. C	bserve	d Using Feature

Bat Roosting Feat			□-Unknow with open	wn, no ac surround	cess	s (*if yes, d	<i>escribe in t</i> cm, side-fa	able below) cing cavities ~	10m hi	gh in tree]
POTENTIAL BAT ROUTM	Tree ID	Tree Spp.	DENTIFIE	Photo	No.	Decay Cla	nss (1-5)	No. of Cavities	Heigh	t and Type of Cavities
					,,,,	Docu, O.	.55 (1.5)	TOT OF CATTERES	Treign	t and Type or Cavities
						L				
Stick Nests:		C	Contains la]-Y* / ☑-N	rge stick / <mark>□</mark> -Unk	nest	s? n. no acces	s (*if ves. o	describe in tabl	e belov	v)
STICK NEST(S) IDEN	TIFIED					,				
UTM		Tree ID	Tree	Spp.		Nest Size	Photo No	. Spp. (bserve	d Using Feature
Seeps/Springs/Ver]-Y* / □-N	/ 27-Unk	ngs/\ .nowi	vernal pools n, no acces	s? is (*if yes, d	describe in tabl	e belov	ν)
SEEP / SPRING / VER	RNAL POO	L FEATURE(S	1				I	0.1/10	4 % 7	
UTM	Feat	ture No. & Typ	e Featur (Diam	1	Wat	ter Depth	Photo No.	Sub/Emerger Spp. Prese		Shrubs/ Logs at Edge Present?
		***************************************			~~········	······································			***************************************	
SPECIES & HABITA	Γ OBSERV	ATIONS (list s	pecies and	type of o	bser	vation & in	dicate on m	ap)		
										\$ E
										15

	1 – 70 Souting Guelph, ON Canada N1C Tel: (519) 836 Fax: (519) 83	6 4P5 6-6050 6-2493 2-61 2-9	Poly 4	Woodla		Habitat
Weather Conditions:	30		2-3	50		rain
				POLYGON DES	CRIPTION	
				TOPOGRAPHIC F	***************************************	HISTORY
COMMUNITY	POLYGON: START TIMI END TIME:	¥ E: 3	9-4 :30	☐ 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	нт	CVR			ECREASING DOMI	
1 CANOPY						
2 SUB-CANOPY						
3 UNDERSTORE	Y 3-5	4	9 ray 2096	VOIDE -> SPLX	LBA	
4 GRD. LAYER						
HT CODES: CVR CODES:	1=>25m 0=NONE				5 <ht≤1m 6="0.2<HT≤0<br">60% 4=CVR>60% N/</ht≤1m>	
STANDING SNAGS:			R <10	N 10-24	N 25 - 50	N >50
ABUNDANCE CODES:		N	I=NONE R=RARE	O=OCCASIONAL	A=ABUNDANT N/	O=Not observed
STAND MATURITY:	PIONEER		YOUNG	MID-AGE	MATURE	OLD GROWTH
VEGETATION TYPE	gray d	igua	rud swamp.	thicket	CODE: SWT	2-9
СОМ	PLEX				CODE:	
Evidence of Distu			2 100 })

-ground veg not visible from road -occupies lower ground seemingly at some level at MAS 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

DOMEST WATER						COL
1	2	3	4	≤5 m	>5 m	COLI
对位的		Mar.		是創化期間	温度學生	
	R					
14:2字		A	14/4/2	A. H. E.	<i>y</i>	
		H-0				
计多数	(1) No. 10	eVeneza	Knius	e Keeda ka		MEHIS.
	100,000,000		0100000000	ESA/INESSI/VE		
1	1	i .	1		1	
			A Q-0	A R-0	A A A A A A A A A A A A A A A A A A A	A A A A A A A A A A A A A A A A A A A

ignature: (Ffeld Personnel)	Signature: (Project Management of the Complete (Project Managemen
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ELC Polygon: #49-1	Assess	ment Type:	⊉ -Visual; n	o access / 🗆	-Walk throu	igh feature			
Extent of Physical Inv	estigation	of Feature:	□-Entire / □] -Partial, wal	lk through p	olygon <i>(inc</i>	dicate on map)		
Reptile / Bat Hiber	nacula Fe	 	□-Y* / □-N (i.e. features to bridge abutmo Contains po □-Y* / ☑-N	hat would provents or culverts otential bat hi	n, no acces ride a route un with cracks/dibernacula f n, no acces	ss (*if yes, enderground, entry points, features? ss (*if yes, es	describe in table including buried c	onerete o ices or in	r rock (e.g. foundations, active animal burrows)]
POTENTIAL HIBERN	ACULA F								
UTM			Feature Des	cription		Photo No	. Spp. O	bserved	Using Feature
Bat Roosting Featu	ıres:	□-Y* / ⁄ ☑-N	/ Q-Unknow	oosting featu	s (*if yes, d	lescribe in	table below)		
	OCCUPACIO E				s, DBH >25	icm, side-f	acing cavities ~	10m higi	h in tree]
UTM UTM	Tree ID	Tree Spp		Photo No.	Decay Cl	ass (1-5)	No. of Cavities	Height	and Type of Cavities
Stick Nests:			Contains la ロ-Y* / 纽-N	rge stick nes / □-Unknow	its? /n, no acces	ss (*if yes,	describe in tabl	e below)	
STICK NEST(S) IDEN UTM	Υ	Tree ID	Tree	e Spp.	Nest Size	Photo No	o. Spp. C	bserved	Using Feature
									- 10 Made Street 1 - 10 - 10 - 10 - 10 - 10 - 10 - 10
Seeps/Springs/Ver	nal Pools	:	Contains se □-Y* / □-N	eeps/springs/	vernal pool	s? ss (*if yes,	describe in tabl	e below)	
SEEP / SPRING / VER	NAL POO		(S) IDENTI	FIED		1			
UTM	Feat	ure No. & Ty	pe Featur (Diam	. Wys	nter Depth	Photo No	Sub/Emerger Spp. Prese		Shrubs/ Logs at Edge Present?
SPECIES & HABITAT	OBSERV.	ATIONS (list	species and	type of obser	rvation & in	dicate on n	1ap)		
		· · · · · · · · · · · · · · · · · · ·		- · ·					F ₂ F
									™.
									* .

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

Stantec	Guelph, ON Canada N1G Tel: (519) 836 Fax: (519) 836	4P5 -6050 3-2493	d COII. T Poly S	Woodlai Ass	sessment F	e Habitat
Project Number: Date:	10.12.	40	2012	Project Name: Field Personnel:		
Dute.	June ?	20); ²	0(2-	T REIO Y ET SOTTITET.	N. CHURT 170	
Weather Conditions:	30).	WIND: 2-3	CLOUD:	PPT:	PPT (in last 24 hrs):
				POLYGON DES		
				TOPOGRAPHIC F		HISTORY
ELC COMMUNITY DESCRIPTION & CLASSIFICATION	POLYGON: START TIME END TIME:	49-	-5	☐ LACUSTRINE ☐ RIVERINE ☐ BOTTOMLAND ☐ TERRACE ☐ VALLEY SLOPE ☐ TABLELAND ☐ KOLL, UPLAND ☐ CLIFF	☐ TALUS ☐ CREVICE / CAVE ☐ ALVAR ☐ ROCKLAND ☐ BEACH / BAR ☐ SAND DUNE ☐ BLUFF	CULTURAL
STAND DESCRIP	TION:					
LAYER	нт	CVR		ES IN ORDER OF D ATER THAN; >GRE		
1 CANOPY	3	1		LUMANGR		-
2 SUB-CANOP						
3 UNDERSTORE		3	CORNUS			
4 GRD. LAYER		4 6	3001.7700	> DAISY = ER		119
HT CODES: CVR CODES:				0m 4=1 <ht≤2m 5="0<br">CVR≤25% 3=25<cvr≤< th=""><th></th><th></th></cvr≤<></ht≤2m>		
STANDING SNAGS	:		<10	10 – 24	25 – 50	>50
ABUNDANCE CODES:		N=	NONE R=RARE	O=OCCASIONAL	A=ABUNDANT I	NO=Not observed
STAND MATURITY:	BF (1		YOUNG	MID-AGE	MATURE	OLD GROWTH
VEGETATION TYPE	gray do	SWO	d cultur	ul thicket	CODE: CUT	T1-4
	PLEX				CODE:	
Evidence of Distu						
- mor	e uplan	dspe	icies, on	highergou	ind	! A
	1	1.	*	GO VOLLIA	Hy dist	urbed
- Wes	itern p	10149	an 17 m	ore recon	any born	

ABUNDANCE CODES: N=NONE R=RARE O=OCCASIONAL A=ABUNDANT D=DOMINANT N/O=Not observed DISTANCE FROM RD. LAYER SPECIES CODE COLL. 2 >5 m 1 ≤5 m TREES: ACEPPEE 0 0 JUNVIRG SHRUBS: Gray dogwood A SPIALBA 0 GROUND: Daisy Erigenn SOLIDAGO DR Quality Control, This form is complete Quegible Q

4=GROUND (GRD.) LAYER

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

Signature:

(Project Manager)

Signature:

(Field Personnel)

ELC Polygon: #49	5 Asse	ssment Type:	ω/\ -\	/isual; no	access	/ 🗆-	Walk throu	gh feature)		
Extent of Physical Inv	- estigatio	n of Feature:	Q -E	Entire / 🗖	-Partial,	wall	k through p	olygon <i>(in</i>	dicate on map)		
Reptile / Bat Hiber	nacula i		□-Y [i.e. brid; Cor □-Y	/* / □-N / features the ge abutmentains pot /* / ☑-N /	/ ☑-Unk nat would nts or cul tential ba / □-Unk	nowr provi verts at hik nowr	ide a route ur with cracks/coernacula fo	s (*if yes, aderground, entry points eatures? s (*if yes,	describe in tab	concrete evices or i	or rock (e.g. foundations, nactive animal burrows)]
POTENTIAL HIBER	NACULA					LJCIII I CIC	211cd 111111c.5 ()	1 6117623			
UTM			Feat	ture Desc	ription			Photo No	o. Spp.	Observed	l Using Feature
Bat Roosting Feat		[i.e. tall tree	/ 🗆 s w	-Unknow ith open	n, no ac surroun	ccess	s (*if yes, d	escribe in cm, side-	table below) facing cavities	~10m hiç	gh in tree]
POTENTIAL BAT RO UTM	Tree ID			DBH	Photo 1	No.	Decay Cla	ass (1-5)	No. of Cavities	Heigh	t and Type of Cavities
Stick Nests: STICK NEST(S) IDEN	TIFIED		Cor	ntains lar	ge stick / □ -Unk	nest	s? n, no acces	s (*if yes,	describe in tal	le below	/)
UTM		Tree ID		Tree	Spp.		Nest Size	Photo N	o. Spp.	Observe	d Using Feature
Seeps/Springs/Ver	rnal Poo	ls:	Cor	ntains se /* / □-N	eps/spri	ngs/\	vernal pools	s? is (*if yes,	describe in tal	ole belov	<i>(</i>)
SEEP / SPRING / VER		OL FEATURE	(S)		FIED Size		ter Depth	Photo No	Sub/Emerge	ent Veg.	Shrubs/ Logs at Edge Present?
SPECIES & HABITA	Γ OBSER	VATIONS (list	spe	cies and	type of o	bser	vation & in	dicate on 1	nap)		
											ê

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

Stantec Project Number: Date:	June ?	9 4P5 6-6050 6-2493	Poly 6	Woodlal As: Project Name: Field Personnel:	N. CharHor	Habitat
Weather Conditions:	TEMP (°	C):	WIND: 2-3	CLOUD:	PPT:	PPT (in last 24 hrs):
	70			POLYGON DES		HISTORY
COMMUNITY	POLYGON: START TIMI END TIME:	49. E:	-6 : 55	☐ 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			DECREASING DOMI	
1 CANOPY	3	4	ALEFRE	>> WWW AM	ATER THAN; = ABO	DUT EQUAL TO)
2 SUB-CANOP	Y		7001100			
3 UNDERSTORE	Υ					
4 GRD. LAYER	5-7	3	SOLIDAGO			
HT CODES: CVR CODES:	1=>25m 0=NONE				.5 <ht≤1m 6="0.2<HT≤0<br">660% 4=CVR>60% N/</ht≤1m>	
STANDING SNAGS	: N/(<u> </u>	<10	10 – 24	25 – 50	>50
ABUNDANCE CODES:	11		=NONE R=RARE	O=OCCASIONAL		D=Not observed
STAND MATURITY:		<u> </u>	YOUNG	MID-AGE	MATURE	OLD GROWTH
VEGETATION TYPE	p map (em	ineal du	lucus swamp	CODE: SWP	3-3
СОМ	PLEX				CODE:	
Evidence of Dist	ırbance / I	Votes:				
	- D	ens	e, young	SWD (most tree	is probably
	- pn	a	depres	sim	most tree near loca	n DBH/
			~ tall in			

ABUNDANCE CODES: N=NONE R=RARE O=0 SPECIES CODE	磁磁器	LA	/ER		DISTANCE	FROM RD.	35048
SPECIES CODE	1	2	3	4	≤5 m	>5 m	COL
REES:	100	300	ALKEY.	3.94	學素質學		120
ACEFREE	A				1	/	
LUAMER	R					/	
77 (77							
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IDUDO: Hitting and American Conference of the Co	CareAste	10138171	tiche me	April 10 KeV			
HRUBS:	2.000	F-15/21	11730	18035		231-2-1-7	100
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ROUND:	1000	edi. Shi		Jac. Arti	Salat Maria	9 <u>4</u> no.en/	1 (EXC
OLI DAGO				A			
	I						

(Field Personnel)

Signature:

ELC Polygon: #19-	Asses	sment Type: 🛚	l∕- Visual; ne	o access / 🗆	-Walk throu	gh feature	•		
Extent of Physical Inv	estigation	of Feature:	I-Entire / 🗆	I-Partial, wa	lk through p	olygon <i>(in</i>	dicate on map)		
Reptile / Bat Hiber	nacula F	[i. br C	I-Y* / □-N i.e. features tridge abutmo ontains po I-Y* / ☑-N	hat would pro- ents or culverts stential bat h	n, no acces ride a route ur with cracks/c ibernacula fe n, no acces	s (*if yes, nderground, entry points, eatures? s (*if yes,	describe in table including buried of	onerete /ices or i	or rock (e.g. foundations, nactive animal burrows)]
POTENTIAL HIBER	NACULA I								
UTM		F	eature Des	cription		Photo No	Spp. O	bserve	l Using Feature
Bat Roosting Feat			□-Unknow with open	wn, no acces surrounding	s (*if yes, d	<i>escribe in</i> cm, side-f	table below) facing cavities ~	10m híg	gh in tree]
POTENTIAL BAT RO	!								
UTM	Tree ID	Tree Spp.	DBH	Photo No.	oto No. Decay Class (1-5)		No. of Cavities	Heigh	t and Type of Cavities
Stick Nests:	erieren.	C	Contains la]-Y* / ☑-N	rge stick nes / □-Unknow	its? /n, no acces	s (*if yes,	describe in tabl	e belov	v)
STICK NEST(S) IDEN UTM	TIFIED	Tree ID	Tree	Spp.	Nest Size	Photo N	o. Son. C)bserve	d Using Feature
Seeps/Springs/Ver	īi .]-Y* / □-N		/vernal pools /n, no acces	s? ss (*if yes,	describe in tabl	e belov	v)
SEEP / SPRING / VER UTM		OL FEATURE(S ture No. & Typ	Eastur	e Size W	ater Depth	Photo No	Sub/Emerger Spp. Prese		Shrubs/ Logs at Edge Present?
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,									
				<u> </u>					
SPECIES & HABITAT	r observ	'ATIONS (list s	pecies and	type of obse	rvation & in	dicate on r	nap)		

	Stantec	Stantec Con 1 – 70 South Guelph, ON Canada N10 Tel: (519) 83 Fax: (519) 83	gate Driv 6 4P5 6-6050		Roadside ELC, Woodland & Wildlife Habitat Assessment Form				
	Project Number:	16095	026	9	Project Name:	NRWC			
	Date:		-		Field Personnel:	N. Chart	ton		
						73 0 00 1			
Wea	ather Conditions:	TEMP (°	C):	2-3	CLOUD:	PPT:	PPT (in last 24 hrs):		
					POLYGON DES	CRIPTION			
					TOPOGRAPHIC F	EATURE	HISTORY		
DE	ELC	POLYGON: START TIM END TIME:	49	-7 :15	☐ LACUSTRINE ☐ RIVERINE ⚠ BOTTOMLAND ☐ TERRACE ☐ VALLEY SLOPE ☐ TABLELAND ☐ ROLL, UPLAND ☐ CLIFF	☐ TALUS ☐ CREVICE / CAVE ☐ ALVAR ☐ ROCKLAND ☐ BEACH / BAR ☐ SAND DUNE ☐ BLUFF	D NATURAL CULTURAL		
et.	AND DESCRIP	TION:							
311				SPECII	ES IN ORDER OF D	ECREASING DOM	MINANCE		
	LAYER	НТ	CVR		ATER THAN; >GRE				
1	CANOPY								
_			1	!					
2	SUB-CANOP								
2	UNDERSTORE	Υ							
3	UNDERSTORE GRD. LAYER	Y 5-7	4	PHAARU	N				
3 4 HT	UNDERSTORE	Y 5-7- 1=>25m			M 4=1 <ht≤2m 5="0<br">VR≤25% 3=25<cvr≤< td=""><td></td><td></td></cvr≤<></ht≤2m>				
3 4 HT CVF	UNDERSTORE GRD. LAYER CODES:	1=>25m 0=NONE				60% 4 =CVR>60% I			
3 4 HT CVF	UNDERSTORE GRD. LAYER CODES: R CODES:	1=>25m 0=NONE	1=0%	<cvr≤10% 2="10<C</td"><td>VR≤25% 3=25<cvr≤< td=""><td>60% 4=CVR>60% I</td><td>N/O=not observed</td></cvr≤<></td></cvr≤10%>	VR≤25% 3=25 <cvr≤< td=""><td>60% 4=CVR>60% I</td><td>N/O=not observed</td></cvr≤<>	60% 4=CVR>60% I	N/O=not observed		
3 4 CVF STA	UNDERSTORE GRD. LAYER CODES: R CODES: ANDING SNAGS	1=>25m 0=NONE	1=0%·	<cvr≤10% 2="10<C</td"><td>VR≤25% 3=25<cvr≤ 10 – 24</cvr≤ </td><td>60% 4=CVR>60% I</td><td>N/O=not observed >50</td></cvr≤10%>	VR≤25% 3=25 <cvr≤ 10 – 24</cvr≤ 	60% 4 =CVR>60% I	N/O=not observed >50		
3 4 HT CVF STA	UNDERSTORE GRD. LAYER CODES: R CODES: ANDING SNAGS: INDANCE CODES:	5-7- 1=>25m 0=NONE	1=0%·	CVR≤10% 2=10 <c <10 =NONE R=RARE YOUNG</c 	VR≤25% 3=25 <cvr≤ 10 – 24 O=OCCASIONAL</cvr≤ 	25 - 50 A=ABUNDANT N	N/O=not observed >50 N/O=Not observed		
3 4 HT CVF STA	UNDERSTORE GRD. LAYER CODES: R CODES: ANDING SNAGS: INDANCE CODES: AND MATURITY: GETATION TYPE YELL COME	5-7- 1=>25m 0=NONE	1=0%·	CVR≤10% 2=10 <c <10 =NONE R=RARE YOUNG</c 	VRs25% 3=25 <cvrs -="" 0="0CCASIONAL" 10="" 24="" mid-age<="" td=""><td>25 - 50 A=ABUNDANT N</td><td>N/O=not observed >50 N/O=Not observed OLD GROWTH</td></cvrs>	25 - 50 A=ABUNDANT N	N/O=not observed >50 N/O=Not observed OLD GROWTH		
3 4 HT CVF STA ABU	UNDERSTORE GRD. LAYER CODES: R CODES: ANDING SNAGS: INDANCE CODES: AND MATURITY: GETATION TYPE YOUR COM	1=>25m 0=NONE	1=0%·	CVRs10% 2=10 <c <10="NONE" r="RARE" td="" wed="" wed<="" young="" =""><td>VRs25% 3=25<cvrs -="" 0="0CCASIONAL" 10="" 24="" mid-age<="" td=""><td>25 – 50 A=ABUNDANT MATURE CODE: CODE:</td><td>N/O=not observed >50 N/O=Not observed OLD GROWTH</td></cvrs></td></c>	VRs25% 3=25 <cvrs -="" 0="0CCASIONAL" 10="" 24="" mid-age<="" td=""><td>25 – 50 A=ABUNDANT MATURE CODE: CODE:</td><td>N/O=not observed >50 N/O=Not observed OLD GROWTH</td></cvrs>	25 – 50 A=ABUNDANT MATURE CODE: CODE:	N/O=not observed >50 N/O=Not observed OLD GROWTH		

ABUNDANCE CODES: N=NONE R=RARE O=	OCCASI	ONAL A	=ABUNI YER	DANT E	DEDOMINAN DISTANCE	经制品的	
SPECIES CODE	1	2	3	4	≤5 m	>5 m	COLL
TREES:							
SHRUBS:		11025-13	Sq. reads			1 - re 2	
GROUND:	12/12		版新版	2014			姓名
PHAAPUN				A			
					yn is gomple		

(Field Personnel)

Signature:

ELC Polygon: #49-	Ass	essment Type:	四-\	/ /isual; no	access	s / 🗅-	·Walk throu	gh feature	Э		
Extent of Physical Inv	- ⁄estigati	ion of Feature:	- E	Entire / 🗖	-Partial	, wall	k through p	olygon <i>(ir</i>	idicate on map)		
Reptile / Bat Hiber	nacula	Features:	□-Y [i.e. brid Cor □-Y	/* / □-N / features the ge abutmentains pot /* / □-N /	/ ☑-Unk nat would nts or cul tential b / □-Unk	nowr I provi Iverts at hik	ide a route un with eracks/c pernacula fe	s (*if yes, iderground, intry points eatures? s (*if yes,	describe in table, including buried	concrete vices or i	or rock (e.g. foundations, nactive animal burrows)]
POTENTIAL HIBER!	NACUL.	A FEATURE(S									
UTM			Fear	eature Description				Photo No	Spp. (bserve	l Using Feature

Bat Roosting Feat	ures:		1/ 🗆	I-Unknow	n, no a	ccess	s (*if yes, de		table below) facing cavities	·10m hig	gh in tree]
POTENTIAL BAT RO	1		<u> </u>				5 6			1	
UTM	Tree	ID Tree Sp	р.	DBH	Photo	No.	Decay Cla	ass (1-5)	No. of Cavities	Heigh	t and Type of Cavities
Stick Nests: STICK NEST(S) IDEN	VTIFIEL		Coi	ntains lar Y* / 127-N	ge stick / □-Unk	nest (now)	s? n, no acces	s (*if yes,	describe in tab	le belov	<i>y</i>)
UTM		Tree ID		Tree Spp. Nest Si			Nest Size	Photo N	o. Spp.	Observe	d Using Feature
				14-14-14-14-14-14-14-14-14-14-14-14-14-1							
Seeps/Springs/Vei	rnal Po	ools:	Col	ntains se	eps/spri	ings/\	vernal pools	s?	describe in tab	le helov	/)
SEEP / SPRING / VER	RNAL P	OOL FEATURI					11, 110 00000	13 (11 yes,	describe iii tab	io belov	,
UTM	F	Feature No. & T	ype	Feature (Diame	!	Water Depth		Photo No	Sub/Emerge Spp. Pres		Shrubs/ Logs at Edge Present?
SPECIES & HABITA	T OBSE	RVATIONS (lis	t spe	cies and	type of o	obser	vation & inc	dicate on	map)		
					, p						
											0 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 Project Number: Date:	Stantec Con 1 – 70 South, Guelph, ON Canada N1C Tel. (519) 83 Fax: (519) 83 Turl	269 269 269 269 269	Roly 1 Wind: 2-3	Woodla	/	e Habitat
				POLYGON DES	SCRIPTION	-
				TOPOGRAPHIC I	FEATURE	HISTORY
ELC COMMUNITY DESCRIPTION & CLASSIFICATION	POLYGON: START TIM END TIME:	50 E:	:40 :50	☐ LACUSTRINE ☐ RIVERINE ☐ BOTTOMLAND ☐ TERRACE ☐ VALLEY SLOPE ☐ TABLELAND ☐ ROLL, UPLAND ☐ CLIFF	☐ TALUS ☐ CREVICE / CAVE ☐ ALVAR ☐ ROCKLAND ☐ BEACH / BAR ☐ SAND DUNE ☐ BLUFF	□ NATURAL E MCCULTURAL
STAND DESCRIP	TION:					
LAYER	нт	CVR		IES IN ORDER OF		
1 CANOPY			(22MUCH GRI	EATER THAN; >GRI	EATER IHAN; = AE	OUT EQUAL TO)
2 SUB-CANOP	Y					
3 UNDERSTORE	Y 3-4	3	POPDELTZ	FRAX > OULE	RUSP - A	CEFREE
4 GRD. LAYER	- 1	4	PHAARU	N>Trifoliu		ago
HT CODES: CVR CODES:	1=>25m 0=NONE			10m 4=1 <ht≤2m 5="0<br">CVR≤25% 3=25<cvr< th=""><th></th><th></th></cvr<></ht≤2m>		
STANDING SNAGS	:		<10	10 – 24	25 – 50	>50
ABUNDANCE CODES:		N	=NONE R=RAR	E O=OCCASIONAL	A=ABUNDANT N	I/O=Not observed
STAND MATURITY:	PIONEER		YOUNG	MID-AGE	MATURE	OLD GROWTH
VEGETATION TYPE Dry-Moist	Old Field	Ne	adow -	Disturbed	CODE: CUM	11-1 (DIST)
COM	PLEX				CODE:	
Evidence of Distr				Mo	ist can	Strip
N	3 m h	oid	e wax		w your	planted
6	nd n	noute	ed		(2-4 n	ntall)
					20% c	over

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 1 2 3 4 ≤5 m TREES: PODDELT 0 0 SHRUBS: GROUND: 0 A-0 R 0

Signature: (Fiéld Personnel)

Quality Control:This form is complete . legible .

Signature:

ELC Polygon: #51-	Assess	ment Type:	☑-Visu	ıal; no	access / []-Walk throເ	igh featur	e		
Extent of Physical In	 vestigation	of Feature:	□-Enti	re / 🗆	l-Partial, wa	alk through p	olygon <i>(ir</i>	ndicate on map)		
Reptile / Bat Hibe	rnacula Fe		□-Y* / [i.e. feat bridge a Contait □-Y* /	ures the butment of t	/ ☑-Unknown at would pront or entiver tential bat he / □-Unknown	vide a route un s with cracks/ nibernacula f	s (*if yes, nderground entry points eatures? is (*if yes,	describe in table, including buried	concrete ovices or i	or rock (e.g. foundations, nactive animal burrows)]
POTENTIAL HIBER	NACULA F		IDENT	TIFIE	D		*******			
UTM			Feature	ature Description				o. Spp. (Observed	Using Feature
Bat Roosting Feat	tures:		/ 🔲 - Ur	nknow	n, no acce	ss (*if yes, d		table below)	·10m hío	gh in tree]
POTENTIAL BAT R	OOSTING F	EATURE(S)	IDEN			*	•			,
UTM	Tree ID	Tree Sp	p. I	DBH	Photo No.	Decay Cl	ay Class (1-5) No. of Cavities Hei		Heigh	t and Type of Cavities
Stick Nests:			Contai	ns lar	ge stick ne	sts?	es (*if vas	describe in tab	le helou	<i>A</i>
STICK NEST(S) IDE	NTIFIED) a Olikio	, 110 acce	33 (11 y C 3,	describe iii tab	Delovi	,
UTM		Tree ID		Tree	Spp.	Nest Size	Photo N	o. Spp.	Observe	d Using Feature
Seeps/Springs/Ve	rnal Pools		Contai	ns se	eps/springs	/vernal pool	s?	describe in tab	la balau	A
SEEP / SPRING / VE	RNAL POOI	L FEATURE				WII, IIO acces	ss (II yes,	describe ili tab	ie below	<u>/</u>
UTM		ure No. & T	ne F	eature (Diame	Size w	ater Depth	Photo N	Sub/Emerge Spp. Pres		Shrubs/ Logs at Edge Present?
SPECIES & HABITA	T OBSERV	ATIONS (list	specie	s and	type of obs	ervation & in	dicate on	map)		
										3
										700 24 724

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

REV: 2012-01-03

Stantec	Stantec Con 1 70 South Guelph, ON Canada N10 Tel: (519) 83 Fax: (519) 83	6 4P5 6-6050	Poly 2	Woodla	oadside EL nd & Wildlife sessment Fo	e Habitat
Project Number:	160950	269		Project Name:	NRWC.	
Date:	June	28		Field Personnel:	N. Char How	$\overline{}$
	p			-	,	
Weather Conditions:	TEMP (°	C):	2-3	CLOUD:	PPT:	PPT (in last 24 hrs):
	30		2)	10		1000
				POLYGON DES	CRIPTION	
				TOPOGRAPHIC F	EATURE	HISTORY
COMMUNITY	POLYGON: START TIM END TIME:	50 E:	-2 :53	□ LACUSTRINE □ RIVERINE \$0 BOTTOMLAND □ TERRACE □ VALLEY SLOPE □ TABLELAND \$0 ROLL. UPLAND □ CLIFF	☐ TALUS ☐ CREVICE / CAVE ☐ ALVAR ☐ ROCKLAND ☐ BEACH / BAR ☐ SAND DUNE ☐ BLUFF	© NATURAL
LAYER 1 CANOPY	HT	CVR			DECREASING DON ATER THAN; = AB	
2 SUB-CANOPY	1					
3 UNDERSTORE	Y					
4 GRD. LAYER	47	4	PHRAUST	> PHA-PUN	ETYPLAT	7
IT CODES: CVR CODES:					5 <ht≤1m 6="0,2<HT≤</td"><td></td></ht≤1m>	
STANDING SNAGS:			<10	10 – 24	25 – 50	>50
BUNDANCE CODES:		N	=NONE R=RARE	<u> </u>		I/O=Not observed
STAND MATURITY:	PIONEER		YOUNG	MID-AGE	MATURE	OLD GROWTH
EGETATION TYPE	phrogmi	tes	shallow ma	rsh	CODE: MAS	2-10*
СОМ	PLEX				CODE:	
Evidence of Distu	ırbance / I	Notes:			· · · · · · · · · · · · · · · · · · ·	^
gran .	dogu	row	1 clum	n on one	end a	nel
					other (.	

ABUNDANCE CODES: N=NONE R=RARE O=OCCASIONAL A=ABUNDANT D=DOMINANT N/O=Not observed DISTANCE FROM RD. LAYER COLL. SPECIES CODE ≤5 m >5 m 2 3 TREES: ULMAMER SHRUBS: 19ray GROUND: 4

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

Signature: (Field Personnel)	Quality Control: This form is complete 5% legible (9. Signature: (Project Manager)

ELC Polygon: #50 - 2				,				_				
Extent of Physical Inv	estigatio	n of Feature:	Q-E	intire / 🗆	-Partia	I, wall	k through p	olygon <i>(ir</i>	idicate on maj	o)		
Reptile / Bat Hiberi	nacula	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 eracks/entry points, exposed rock crevices or inactive animal burrows)] Contains potential bat hibernacula features? —-Y* / —-N / —-Unknown, no access (*if yes, describe in table below) [i.e. karst topography, abandoned mines or caves]									
POTENTIAL HIBERN	IACULA	FEATURE(S)										
UTM			Feat	ure Desc	ription			Photo N	o. Spp	Spp. Observed Using Feature		

white the second							***************************************					
Bat Roosting Featu		[i.e. tall tre	I / □. es wi	-Unknow th open	n, no a surroui	cces	s (*if yes, de		table below)	~10m hí	gh in tree]	
POTENTIAL BAT RO UTM		· · · · · · · · · · · · · · · · · · ·		1		Nic	Deser Cle	· · · · · · · · · · · · · · · · · · ·	No of Could		4 - 175 - 60 - 11	
CIM	Tree II	Tree Sp	р.	DBH	Photo	NO.	Decay Cla	ass (1-5)	No. of Cavition	es Heigh	at and Type of Cavities	
Stick Nests:			Con	tains lar ′* / ☑-N	ge sticl / □ -Un	k nest	s? n, no acces	s (*if yes,	describe in ta	able belov	N)	
STICK NEST(S) IDEN UTM	TIFIED	Tree ID	ī	Two	enn.		Nest Size	Dhoto N	- C	Ohaanin	Alleine England	
UIM		11ee ID		Tree	ee Spp.		Nest Size	Photo N	o. spp	. Observe	ed Using Feature	
	4											
Seeps/Springs/Ver	nal Poc	ols:	Con	tains se ∕* / ロ-N	eps/spi / 🗹-Un	ings/\ know	vernal pools	s? ss (*if yes,	describe in ta	able belov	N)	
SEEP / SPRING / VER	NAL PO	OL FEATURI	(S) I					T				
UTM	Fe	eature No. & T	ype	Feature (Diame	1	Wa	ter Depth	Photo No	Sub/Emer Spp. Pr		Shrubs/ Logs at Edge Present?	
SPECIES & HABITAT	OBSER	VATIONS (lis	t spe	cies and	type of	obser	vation & inc	dicate on	map)			
											*	
											* **	
											•	
CAmearence: DPmdictinati		2Danilla adlinara and L	13/1/4	EV	Secreta 110)b	/1 (\D	.t 1. C	/2 (1 P) (1		: (\$7/5)	

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13
Chamban

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

Coll. Tile 50; Roadside ELC, Poly 3 Woodland & Wildlife Habitat **Assessment Form**

Project	Number:	

ect Number:	160950269		Project Name:	NRWC			
Date:	June 28		Field Personnel: N. Char ton				
					22-0		
	TEMP (°C):	WIND:	CLOUD:	PPT:	PPT (in last 24 hrs		

leather Conditions:

TEMP (°C):	WIND:	CLQUD:	PPT:	PPT (in last 24 h
30	2-3	90	_	rus
-				

POLYGON DESCRIPTION

		TOPOGRAPHIC F	EATURE	HISTORY
ELC	POLYGON: 50 - 3 START TIME: 12:00 END TIME:	☐ RIVERINE ☐ BOTTOMLAND ☐ TERRACE ☐ VALLEY SLOPE ☐ TABLELAND	☐ TALUS ☐ CREVICE / CAVE ☐ ALVAR ☐ ROCKLAND ☐ BEACH / BAR ☐ SAND DUNE ☐ BLUFF	CULTURAL

TAND DESCRIPTION:

			SPECIE	S IN ORDER OF D	ECREASING DO	MINANCE			
LAYER	нт	CVR	1			BOUT EQUAL TO)			
CANOPY									
SUB-CANOPY									
UNDERSTOREY	4-3	3	coniter >	>THUOCCI					
GRD. LAYER	5-7	4	G-RASJES >	DIPPULLY	ERIGERON				
TCODES: 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</td"></ht<25m>									
VR CODES:	0=NONE	1=0%	<cvr≤10% 2="10<C\</td"><td>/R≤25% 3=25<cvr≤< td=""><td>60% 4=CVR>60%</td><td>N/O=not observed</td></cvr≤<></td></cvr≤10%>	/R≤25% 3= 25 <cvr≤< td=""><td>60% 4=CVR>60%</td><td>N/O=not observed</td></cvr≤<>	60% 4=CVR>60%	N/O=not observed			
TANDING SNAGS:			<10	10 – 24	25 – 50	>50			
BUNDANCE CODES:		N	=NONE R=RARE	O=OCCASIONAL	A=ABUNDANT	N/O=Not observed			
TAND MATURITY:	PIONEER		YOUNG	MID-AGE	MATURE	OLD GROWTH			
EGETATION TYPE: Consterous plantation CODE: CUP3									
COMPLEX			CODE:						
		-							

vidence of Disturbance / Notes:

	1	11	1)	800	1/	com
Wp	1-6	4mt	all	00	U	Com

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 obse

ABUNDANCE CODES: N=NONE R=RARE O=	OCCASI		=ABUN YER	DANT	D=DOMINAN DISTANCE	030145373	
SPECIES CODE	1	2	3	4	≤5 m	>5 m	COLL.
TREES:		20里克		400年8	- 9100744		100
TREES: Conifer (spruce of fr) THUTA OCCI	A				<u> </u>		
THUTA OCCI	R					/	
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GROUND:	12693	J. 35 No. 6	E Tolker	静坡		grant to	
CTRUSES ACHMILLE DIPFULL exigeron				Δ		/	
ACHMILLE	1			R		/	
DIPFULC				80		1.	
existron				R			
)				1			
S 1 b							
							
				<u> </u>			

Signature: Wall Doub	
(Field Personnel)	

Quality Control: This form is complete 3 & legible

Signature:

ELC Polygon: #5∂-	3 Asses	sment Type:	∰-Visu	al; nc	access,	/ 🗖-	-Walk throu	gh feature	e			
Extent of Physical In	 vestigatior	of Feature:	□-Entir	re / 🗖	l-Partial,	wall	k through p	olygon <i>(in</i>	idicate on i	тар)		
Reptile / Bat Hibe		Contains potential reptile hibernacula features? —Y* / —N / —Vunknown, 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	FEATURE(S)	IDENT	TFIE	D							
UTM			Feature	Desc	ription			Photo No	0. 5	Spp. Ob	served	Using Feature
							***************************************					441
Bat Roosting Feat		Contains po □-Y* / ☑-N [i.e. tall tree	/ Q-Un s with o	iknow open	vn, no acc surround	ces	s (*if yes, d)m hig	h in tree]
POTENTIAL BAT RO	1	1				r_	D Cl	- (1 5)	N60	141 - 1		173
UTM	Tree ID	Tree Sp). U	BH	Photo N	NO.	Decay Cla	ISS (1-5)	No. of Ca	vities i	Height	and Type of Cavities
Stick Nests:			Contair □-Y* /	ns lar ⊠-N	rge stick r / □-Unkr	nest	ts? n, no acces	s (*if yes,	describe i	in table	below,)
STICK NEST(S) IDE	NTIFIED	T ID	<u> </u>	T-00	O		NI - 4 Cina	mt -40 N		2 . 01		
UTM		Tree ID		1 rec	Spp.		Nest Size	Photo N	0.	Spp. Observe		Using Feature
										······································		

Seeps/Springs/Ve			□-Y* /	□-N	/ ☑-Unkr	ngs/v	vernal pools n, no acces	s? s (*if yes,	describe i	in table	below,)
SEEP / SPRING / VE			Fo	ENTIF eature	Cima				Sb/Fm		3720	Church I age at Edge
UTM	Fea	iture No. & Ty	unei	Diame		Wa	ter Depth	Photo No		nergent . Presen		Shrubs/ Logs at Edge Present?
									1			
					a a a a a a a a a a a a a a a a a a a						1	-
SPECIES & HABITA	T OBSERV	ATIONS (list	species	and	type of ol	oser	vation & in	dicate on 1	map)			
												57
												600

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

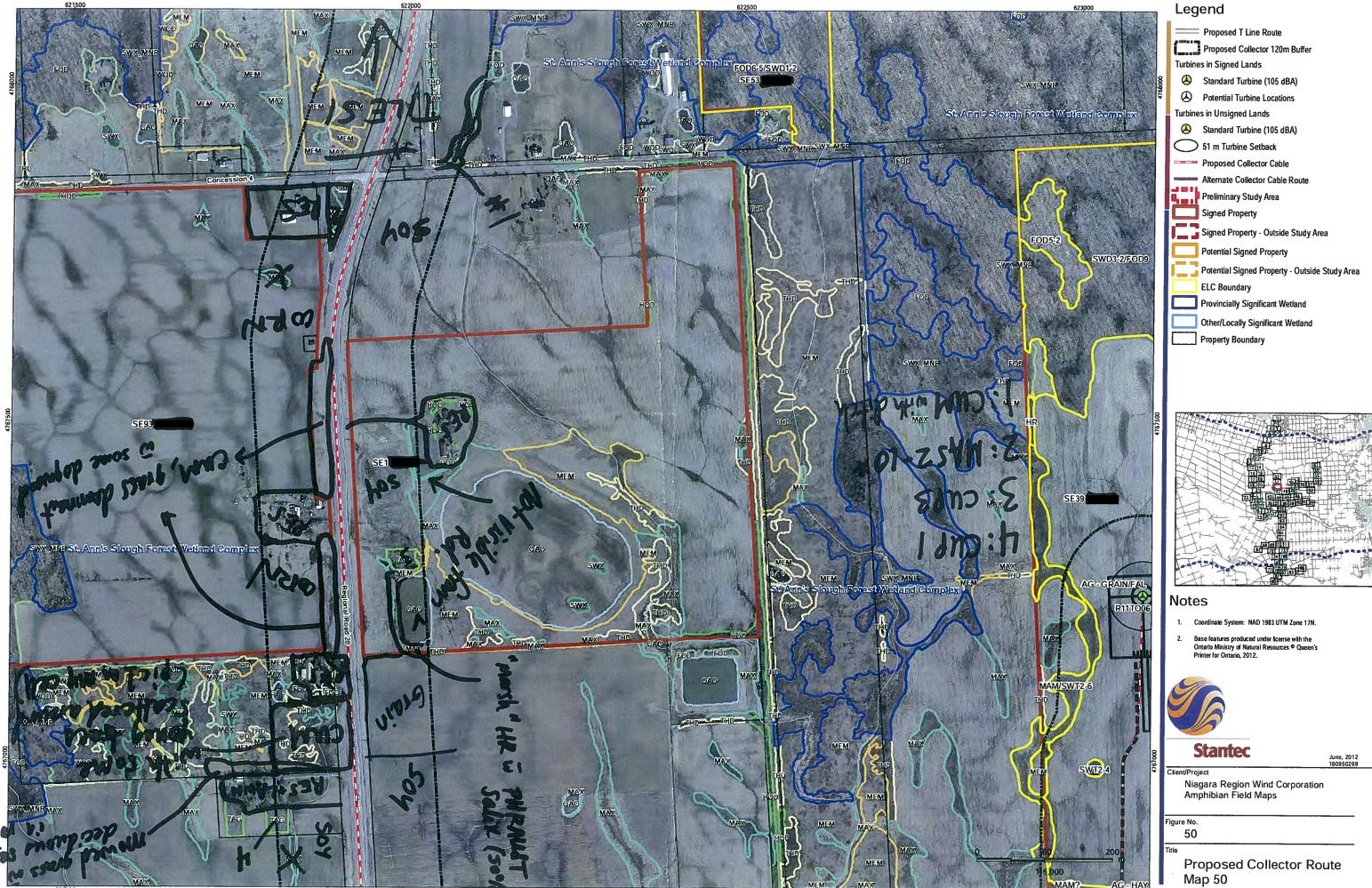
Stantec	Stantec Consulting Ltd. 1-70 Southgate Drive Guelph, ON Canada N1G 4P5 Tel: (519) 836-6050 Fax: (519) 836-2493 Stantec Stantec Stantec Consulting Ltd. C611. Tile 50; Roadside ELC, Woodland & Wildlife Habitat Assessment Form									
Project Number	76	0950	269		Project Name	NRWC				
Date:	1	uni	28		Field Personnel	N. Charten	`			
					_					
Veather Conditions:		TEMP (°	C):	WIND:	CLOUD:	PPT	PPT (in last 24 hrs):			
		٥٥		12-)	10		man			
					POLYGON DES	SCRIPTION				
					TOPOGRAPHIC		HISTORY			
ELC COMMUNITY DESCRIPTION &	STAI	YGON:	50)-Y	☐ LACUSTRINE ☐ RIVERINE ☐ BOTTOMLAND ☐ TERRACE ☐ VALLEY SLOPE ☐ TABLELAND	☐ TALUS ☐ CREVICE / CAVE ☐ ALVAR ☐ ROCKLAND ☐ BEACH / BAR ☐ SAND DUNE	NATURAL E ACULTURAL			
CLASSIFICATION	⊨ND	TIME:			KROLL. UPLAND	BLUFF				
ONCE THE MAN					CLIFF CLIFF					
TAND DESCRIP	OIT	N:								
LAYER		нт	CVR			DECREASING DON EATER THAN: = AE				
1 CANOPY		3	4			,	,			
2 SUB-CANOP	Υ									
3 UNDERSTOR	EY.									
4 GRD. LAYER	₹	5-7	Ч	Grusses						
IT CODES:		1=>25m				0.5 <ht≤1m <b="">6=0.2<ht: ≤60% 4=CVR>60% I</ht: </ht≤1m>				
TANDING SNAGS		U-NONE	. 1-0%	<10	10 - 24	25 – 50	>50			
BUNDANCE CODES:				N=NONE R=RAR	<u> </u>	ML L	N/O=Not observed			
TAND MATURITY		PIONEER		Young	MID-AGE	MATURE	OLD GROWTH			
EGETATION TYPE	E. /				1	CODE	1 025 01.01111			
	d	ecid	nous	Plantat	(87)	CODE: CUP				
CON	IPLE:	X				CODE:				
Evidence of Dist	urba	nce /	Notes:							
Deciduous plantation										
Deciduous plantation tress are either ALER FREE/SACI										
OR QUERCUS										
	-too far to tell									

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 LAYER DISTANCE FROM RD. SPECIES CODE COLL. ≤5 m >5 m 1 2 3 4 TREES: Tree SHRUBS: GROUND: Grasses

Signature: MUMO (Field Personnel)	Quality Control: This form is cor Signature: (Pro
-----------------------------------	--

ELC Polygon: #50-1	-									
Reptile / Bat Hiber	[j.e bri Co U-	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 botential 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	FEATURE(S) ID	ENTIFIE	D						
UTM		Fea	ture Desc	ription		Photo No	. Spp. O	bserved Using Feature	<u> </u>	

Bat Roosting Feat			1-Unknov with open	vn, no acce surroundin	ss (*if yes, d			10m high in tree]		
POTENTIAL BAT RO UTM	OSTING Tree ID		DBH	Photo No.	Decay Cl	050 (1.5)	No. of Cavities	Height and True of C	7	
OTIVE	Tree ID	rree Spp.	DBIT	Filoto No.	Decay Ci	ass (1-5)	No. of Cavities	Height and Type of C	avities	
	1									
Stick Nests:		Co D	ontains la ·Y* / □-N	ge stick ne / ⊠-Unkno	sts? wn, no acces	ss (*if yes,	describe in tabl	e below)		
STICK NEST(S) IDEN	TIFIED	T ID	Torre	· C	NI. A Ci-	Di N.	0 0			
UTM		Tree ID	Tree Spp.		Nest Size	Photo No	o. Spp. C	Observed Using Feature		
Seeps/Springs/Ver	rnal Poo	ls: Co	ontains se ·Y* / □-N	eps/spring: / ☑-Unkno	s/vernal pool wn, no acces	s? ss (*if yes,	describe in tabl	e below)		
SEEP / SPRING / VER	RNAL PO					1				
UTM	Fe	ature No. & Type	Feature Size (Diameter)		ater Depth	Photo No	Sub/Emerger Spp. Prese		-	
SPECIES & HABITA	Γ OBSER	VATIONS (list sp	ecies and	type of obs	ervation & in	dicate on n	nap)			
				- V -						
									+ 8	
									45	
									* 4	
								5	10	
									ĺ	
CA=carcass: DP=distinct	ive parts: F	E=leeding evidence	: FY=eggs	/nest: HO=ho	use/den; OB=	observed: St	==scat; SI=other s	gn; TK=track; VO=voca	dization	



Stantec Project Number: Date:	1 – 70 Southo Guelph, ON Canada N1G Tel: (519) 836 Fax: (519) 83	4P5 6-6050 6-2493	[®] Poli		Woodla As:	oadside EL nd & Wildlif sessment F	e Habitat
Weather Conditions:	TEMP (% 20		2	/IND: - 7	CLOUD:	PPT:	PPT (in last 24 hrs):
					POLYGON DES		HISTORY
ELC	POLYGON: START TIMI END TIME:	5-1	30		☐ LACUSTRINE ☐ RIVERINE ☐ BOTTOMLAND ☐ TERRACE ☐ VALLEY SLOPE ☐ TABLELAND ☐ WROLL, UPLAND ☐ CLIFF	☐ TALUS ☐ CREVICE / CAVI ☐ ALVAR ☐ ROCKLAND ☐ BEACH / BAR ☐ SAND DUNE ☐ BLUFF	ØNATURAL E □ CULTURAL
STAND DESCRIP	TION:		1	SDEC	IES IN ORDER OF I	DECREASING DO	MINIANCE
LAYER	нт	CVR	(>>ML		ATER THAN; >GRE		
1 CANOPY			-				
2 SUB-CANOP							
3 UNDERSTORE		LÍ	Tilo	N - / C - l A			
HT CODES:	1=>25m	7 2=10<ł		ANGU 3=2 <ht≤1< th=""><th>0m 4=1<ht≤2m 5="0</th"><th>5<ht≤1m <b="">6=0.2<ht< th=""><th>°≤0.5m 7=HT<0.2m</th></ht<></ht≤1m></th></ht≤2m></th></ht≤1<>	0m 4=1 <ht≤2m 5="0</th"><th>5<ht≤1m <b="">6=0.2<ht< th=""><th>°≤0.5m 7=HT<0.2m</th></ht<></ht≤1m></th></ht≤2m>	5 <ht≤1m <b="">6=0.2<ht< th=""><th>°≤0.5m 7=HT<0.2m</th></ht<></ht≤1m>	°≤0.5m 7 =HT<0.2m
CVR CODES:	0=NONE				CVR≤25% 3=25 <cvr:< th=""><th></th><th></th></cvr:<>		
STANDING SNAGS	· M	1		<10	10 – 24	25 – 50	>50
ABUNDANCE CODES:	* * /	N	I=NONE	R=RAR	E O=OCCASIONAL	A=ABUNDANT	N/O=Not observed
STAND MATURITY:	PIONEER		YOU	NG	MID-AGE	MATURE	OLD GROWTH
VEGETATION TYPE	Catta	il M	linera	CShallo	ow Marsh	CODE: MAS	2-1
СОМ	PLEX					CODE:	
Evidence of Distr	urbance / I	lotes:					
	AMG						
L	inden	ar	el a	sh i	n HR voa	dside	
-ap	plies	40	an	o the	- polygon		

SPECIES CODE TREES:		2	3	4	≤5 m	>5 m	COLL.
TREES:							
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SHRUBS:	独门游	CARRY.	MFV.				
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GROUND:				是的成分			7 40.31
TYPANGU	n. 11 11 G.	12,73141.7	September 1	D			
W. W. A.			L	<u> </u>	rm is comple	1/	

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

4=GROUND (GRD.) LAYER

(Field Personnel)

Signature:

(Project Manager)

ELC Polygon: #52-	Asse	essment Type:	☑-∨	/isual; no	acces	ss / 🛚 -	Walk throu	gh feature	•		
Extent of Physical In	 vestigatio	on of Feature:	Q -E	intire / 🗆	-Partia	ıl, wall	through p	olygon <i>(in</i>	dicate on map)		
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					aixaia	area mine.	i carea			
UTM]	Feat	ture Desc	ription			Photo No. Spp. Observed Usi			l Using Feature
Bat Roosting Feat		[i.e. tall tree	s wi	-Unknow ith open	<mark>/n, no</mark> a surrou	access	s (*if yes, d	escribe in cm, side-	table below) facing cavities ~	·10m hiç	gh in tree]
POTENTIAL BAT R	OOSTING Tree II			1		No	Decay Cle	nes (1.5)	No. of Covition	Hoigh	t and Type of Cavities
OTM	iiice ii	Tree Spp	Tree Spp. DBH Photo No. Decay Class (1-5) No. of Cavities Heigh								t and Type of Cavities
Stick Nests:			Cor	ntains lar /* / 図-N	ge stic / □ -Un	k nest knowi	s? n, no acces	s (*if yes,	describe in tab	le below	/)
STICK NEST(S) IDE UTM	NTIFIED	Tree ID		Tree	Snn		Nest Size	Photo N	Snn (Observe	d Haina Fastura
URIVE		Tree ID		1100	.		Nest Size	FHOLOIN	о. зрр.	Observe	d Using Feature
									- 11-		
										······································	
Seeps/Springs/Ve			U-Y	/* / U -N .	/ 🖾-Un	rings/\ knowr	vernal pools n, no acces	s? s (*if yes,	describe in tab	le below)
SEEP / SPRING / VE				IDENTIF Feature					Sub/Emerge	nt Vog	Shrubs/ Logs at Edge
UTM	Fo	eature No. & Ty	pe	(Diame		Wat	ter Depth	Photo No	Spp. Pres	_	Present?
SPECIES & HABITA	T OBSER	VATIONS (list	spe	cies and	type of	observ	vation & inc	dicate on 1	nap)		
<u>=</u>											4.0
											2° -
											* = *
84											96.4.7
1	it.										

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

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:	160950269 Project Name: NRWC											
Date:	June	27		Field Personnel:	N.Charlo	<u> </u>						
Weather Conditions:	TEMP (°	C) ⁻	WIND: 2-3	CLOUD:	PPT:	PPT (in (ast 24'hrs):						
				POLYGON DES	CRIPTION							
TOPOGRAPHIC FEATURE HISTORY												
ELC	POLYGON: START TIM END TIME:	E	2 o:35	☐ LACUSTRINE ☐ RIVERINE ☐ BOTTOMLAND ☐ TERRACE ☐ VALLEY SLOPE ☐ TABLELAND ☐ TRULLEY SLOPE ☐ TABLELAND ☐ CLIFF	☐ TALUS ☐ CREVICE / CAVE ☐ ALVAR ☐ ROCKLAND ☐ BEACH / BAR ☐ SAND DUNE ☐ BLUFF	ØNATURAL □ CULTURAL						
STAND DESCRIP	TION:											
LAYER	нт	CVR	1	CIES IN ORDER OF DECREASING DOMINANCE EATER THAN; >GREATER THAN; = ABOUT EQUAL TO								
1 CANOPY												
2 SUB-CANOPY	1											
3 UNDERSTORE	Y											
4 GRD. LAYER HT CODES: CVR CODES:	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</td"></ht<25m>											
STANDING SNAGS:	M /	6 II	<10	10 – 24	25 – 50	>50						
ABUNDANCE CODES:	/ /	<u></u>	N=NONE R=RARE	O=OCCASIONAL	A=ABUNDANT N	/O=Not observed						
STAND MATURITY:	PIONEER		YOUNG	MID-AGE	MATURE	OLD GROWTH						
VEGETATION TYPE: Keed-caray grass mixer weedow nersh CODE: MAM Z-Z												
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/O=Not observed

LAYER DISTANCE FROM RD.
COLL.

	NOTE:	LA	YER		DISTANCE	DAY SEE	
SPECIES CODE	201	2	3	4	≤5 m	>5 m	COLL.
TREES:	Sales Sile				1947	3933919	
		1000					
		N-50-00					
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SHRUBS:	E ESSENTAL	- and the	5.00	2015991	75 FE THE SERVER AL	SEC SE	restaun
CHICODO: 11	CATALY WA	C543M6-0 E	7.555.78	I FOXY LITTER	2 605 TOT 15	11460.702.787.07	_
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SECURIOR STATE OF THE	Automotic	-2769 E	44.47.115.75.470	40154-200	NY 1814 -	7.4	1-2-67
GROUND: PHAARUN TYPANGU	104750	25世(2)		A	PS DIE		Palmer
TUDANCE				A 6	~	-	-
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en control con	İ						
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	l .			1	<u> </u>		L_,

Signature: (Field Personnel)

Quality Control: This form is pemplete U & legible 1

Signature:

(Project Manager)

ELC Polygon: #52 Extent of Physical In													
Reptile / Bat Hibe	rnacula Fe	i.c ji.c bri Cc	-Y* / □-N , e. features th idge abutme ontains po -Y* / ⊡-N ,	hat would provents or culverts otential bat his	n, no accestride a route un with cracks/e bernacula fe n, no acces	s (*if yes, conderground, contry points, eatures? is (*if yes, contry)	describe in table including buried c	concrete of its	or rock (e.g. foundations, nactive animal burrows)]				
POTENTIAL HIBER	NACULA F	FEATURE(S) II	DENTIFIE	CD .									
UTM		Fe	ature Desc	ription		Photo No.	. Spp. O	bserved	Using Feature				
Bat Roosting Fea			□-Unknov with open	wn, no acces surrounding	s (*if yes, de	escribe in i cm, side-fa	table below) acing cavities ~	10m hiç	gh in tree]				
POTENTIAL BAT R UTM	Tree ID	T	1		Daray Cl	nes (1.5)	No of Cavities	Haight	and Type of Cavities				
Ulivi	I I I CC I I	Tree Spp. DBH Photo No. Decay Class (1-5) No. of Cavities Height and Type of Ca											
					***			<u>l</u>					
Stick Nests:		C	ontains lar l-Y* / ᡚ-N	rge stick nes / □-Unknow	ts? /n, no acces	s (*if yes,	describe in table	e below	()				
STICK NEST(S) IDE UTM	NTIFIED	Tree ID	Tro	Snn	Nest Size	Photo No	Snn (Manuella	d Union Frantsum				
UAIVE		Hee ID	1166	e Spp.	INUST SIZE	FIIOLU 130	y Shb. c	/DSCI VCC	d Using Feature				
Seeps/Springs/Ve	rnal Pools	s: C	ontains se -Y* / □-N	eps/springs/	vernal pools	s? ss (*if yes,	describe in table	e below	······				
SEEP / SPRING / VE	RNAL POO					,							
UTM	Feat	ture No. & Type	e Feature (Diame	L LV 9	ater Depth	Photo No.	Sub/Emergen Spp. Prese		Shrubs/ Logs at Edge Present?				

SPECIES & HABITA	T ORSERV	ATIONS (list s	necies and	type of obser	ryatian & in	dicate on n	10N)						
of ECIES & HABITA	11 ODSERV	AHOND (not a	Jecies and	type or obser	Vacion of in-	ulcate on a	іар,						

									4				
									4.1				
									240				

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

Stantec Project Number: Date:	10,100	4P5 6-6050 6-2493	Poly 3		Roadside ELC, Woodland & Wildlife Habitat Assessment Form Project Name: NRWC Field Personnel: N. Charles						
Weather Conditions:	TEMP (°	C)::	wind: 2-3		CLOUD:	PPT:		PPT (in last 24 hrs):			
					LYGON DES		N. N. S.	HISTORY			
ELC COMMUNITY DESCRIPTION & CLASSIFICATION	POLYGON: START TIMI END TIME:	51 E: 6	-3 :40		ACUSTRINE INVERINE IOTTOMLAND ERRACE ALLEY SLOPE ABLELAND IOLL UPLAND	☐ TALUS ☐ CREVICE / ☐ ALVAR ☐ ROCKLANI ☐ BEACH / B. ☐ SAND DUN ☐ BLUFF	D AR	□ NATURAL B'CULTURAL			
STAND DESCRIP	TION:	CVR			N ORDER OF D			INANCE OUT EQUAL TO)			
1 CANOPY 2 SUB-CANOP	3	3	ULMAME								
3 UNDERSTORE	Υ				01:547	154 0	alı.				
HT CODES: CVR CODES:	1=>25m			≤10m 4	=1 <ht≤2m <b="">5=0</ht≤2m>	5 <ht≤1m <b="">6=0</ht≤1m>	.2 <ht≤< td=""><td>0.5m 7=HT<0.2m /O=not observed</td></ht≤<>	0.5m 7=HT<0.2m /O=not observed			
STANDING SNAGS			<10		10 – 24	25 – 5	-	>50			
ABUNDANCE CODES:			I=NONE R=RAI	RE C	=OCCASIONÁL	A=ABUNDAN	IT N	/O=Not observed			
STAND MATURITY:			YOUNG		MID-AGE	MATURE		OLD GROWTH			
VEGETATION TYPE	White	_elv	~ cultur	re H	richet	CODE:	u·	T 1-9*			
COM	PLEX					CODE:					
Evidence of Dist	urbance / I	lotes:									
Tree	s are	de	-5m	+	all						
	\sim 2	120	L COME	/							

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

Signature: (Field Personnel)	Quality Control: This form is completed a legible at Signature: (Project Manager)

ELC Polygon: #51-3	_		ment Type: [
Extent of Physical Inv											ate on map)		
Reptile / Bat Hiber	nacula	rea	 	□-Y' i.e. fi oridge Cont □-Y'	eatures the abutme ains po	/ ☑ -Uninat would nat would nats or ex tential I	knowr d prov ilverts bat hil knowr	ide a route un with cracks/c pernacula fe	s (*if yes, iderground entry points eatures? s (*if yes,	de, inc	scribe in table duding buried c posed rock crev scribe in table	oncrete (rices or i	or rock (e.g. foundations, nactive animal burrows)]
POTENTIAL HIBER	NACUL	A FE											
UTM			F	eatı	ire Desc	ription			Photo No. Spp. Observed Using Featu				
and differential to the second distribution of t			***************************************	·······	***************************************		······			_			
Bat Roosting Feat				/ 🗖- s wit	Unknov h open	vn, no a surroui	acces	s (*if yes, de			ble below) ing cavities ~	10m hig	gh in tree]
POTENTIAL BAT RO	F		· · · · · · · · · · · · · · · · · · ·										
UTM	Tree I	D	Tree Spp	•	DBH	Photo	No.	Decay Cla	ass (1-5)	No	o. of Cavities	Height	t and Type of Cavities
	1												
	1												
Stick Nests:			(Conf □-Y	tains lar * / 🗹-N	ge stic / □-Un	k nest know	is? n, no acces	s (*if yes	de	scribe in table	e below)
STICK NEST(S) IDEN	NTIFIED		C ID		20	6		N C'	TOL 4 N	,	6 6		
UTM			Tree ID		1 ree	Spp.		Nest Size	Photo N	0.	Spp. C	bserve	d Using Feature
		······································											
									-				
Seeps/Springs/Ve				□ -Y	* / 🖸-N	/ 🗷-Un		vernal pools n, no acces		de	scribe in table	e below	<u>')</u>
SEEP/SPRING/VEI	RNAL PO	OOL	FEATURE((S) I			<u> </u>		I		0.170	4 T 7	01 1 (7 (7)
UTM	F	eatu	ıre No. & Ty	pe	Feature (Diam		Wa	ter Depth	Photo N	0.	Sub/Emerger Spp. Prese		Shrubs/ Logs at Edge Present?
SPECIES & HABITA	T OBSE	RVA	TIONS (list	spec	ies and	type of	obser	vation & inc	dicate ou	maj	p)		
													6 ×
													2
													1.7
													90

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

Stantec	Stantec Consu 1 – 70 Southgat Guelph, ON Canada N1G 4 Tel: (519) 836-6 Fax: (519) 836-2	P5 050	4 Woodla	loadside El nd & Wildlif sessment F	e Habitat
Project Number:	1609 CO	269	Project Name	NRWL	
Date:	June 2	7	Field Personnel	N. Charlt	~
Weather Conditions:	TEMP (°C): 20	wind: 2-3	cloud:	PPT:	PPT (in last 24 hrs):
			POLYGON DES	CRIPTION	
			TOPOGRAPHIC F	EATURE	HISTORY
ELC	POLYGON: START TIME: END TIME:	6:45	☐ LACUSTRINE ☐ RIVERINE ☐ BOTTOMLAND ☐ TERRACE ☐ VALLEY SLOPE ☐ TABLELAND ☐ CLIFF	☐ TALUS ☐ CREVICE / CAV ☐ ALVAR ☐ ROCKLAND ☐ BEACH / BAR ☐ SAND DUNE ☐ BLUFF	À NATURAL E □ CULTURAL
STAND DESCRIP		S DE	CIES IN ORDER OF I	DECREASING DO	MINANCE
LAYER	HT C		REATER THAN; >GRE		
1 CANOPY					
2 SUB-CANOP					
3 UNDERSTORE		1 graydo	gwood		
4 GRD. LAYER		10 <ht<25m 3="2<HT</td"><td>.<u>/V</u> Г≤10m 4=1<ht≤2m <b="">5=0</ht≤2m></td><td>5<ht<1m 6="0.2<H1</td"><td>[<0.5m 7 = HT<0.2m</td></ht<1m></td></ht<25m>	. <u>/V</u> Г≤10m 4=1 <ht≤2m <b="">5=0</ht≤2m>	5 <ht<1m 6="0.2<H1</td"><td>[<0.5m 7 = HT<0.2m</td></ht<1m>	[<0.5m 7 = HT<0.2m
CVR CODES:			0 <cvr≤25% 3="25<CVR</td"><td></td><td></td></cvr≤25%>		
STANDING SNAGS		<10	0 10 – 24	<u>√</u> 25 – 50	>50
ABUNDANCE CODES:		N=NONE R=RA	ARE O=OCCASIONAL	A=ABUNDANT	N/O=Not observed
STAND MATURITY:	PIONEER	YOUNG	MID-AGE	MATURE	OLD GROWTH
VEGETATION TYPE	veed ca	nam grass mis	eal meadow wark	CODE: MAN	12-2
COM	PLEX			CODE:	
Evidence of Distu	ırbance / No	ites:			
			e cavitie		1 1/1

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

Signature: WWW Mark	-
(Field Personnel)	_

Quality Control This form is complete 1 & legible 1

Signature:

(Project Manager)

ELC Polygon: #	Ass	sessment Type:	12 -V	/isual; no	access /	-	-Walk throu	gh feature	:		
Extent of Physical Inv	- ⁄estigat	ion of Feature:	Q-E	Entire / 🗆	l-Partial, v	vall	k through p	olygon <i>(in</i>	dicate on map)		
Reptile / Bat Hiber	nacula	ı Features:	□-Y [i.e. bridg Con □-Y	/* / □-N / features the ge abutmentains poor /* / ☑-N /	/ ☑-Unknot nat would p nts or culve tential bat / □-Unknot	owr rovi erts hib owr	ide a route un with cracks/c pernacula fe	s (*if yes, iderground, intry points, eatures? s (*if yes,	describe in table including buried of	onerete vices or i	or rock (e.g. foundations, nactive animal burrows)]
POTENTIAL HIBERI	NACUL	A FEATURE(S)				121010	oned mines of	Cares			
UTM				ture Desc				Photo No	. Spp. C	bserve	l Using Feature
							······				
				***************************************			***************************************				
Bat Roosting Feat		[i.e. tall tree	es w	-Unknov ith open	vn, no acc surroundi	ess	s (*if yes, d	e <i>scribe in</i> cm, side-f	table below) acing cavities ~	10m hig	gh in tree]
POTENTIAL BAT RO UTM	Tree		·	DBH	D Photo N	•	Decay Ck	se (1.5)	No, of Cavities	Heigh	t and Type of Cavities
011/1	1100	ib free sp	pp. DBH Photo No.				Decay Ch	155 (1-3)	No, or Cavities	neign	t and Type of Cavities
										<u> </u>	
Stick Nests:			Cor	ntains lar (* / 🗷-N	ge stick n / □-Unkn	est owi	s? n, no acces	s (*if yes,	describe in tabi	le belov	/)
STICK NEST(S) IDEN	TIFIE			T			N . C*	T 200 . 207			
UTM		Tree ID		1 ree	Spp.		Nest Size	Photo No	o. Spp. C	Jbserve	d Using Feature
			T								
Seeps/Springs/Vei	rnal Po	ols:	Cor	ntains se /* / □-N	eps/spring	gs/\ owi	vernal pools	s? s (*if yes,	describe in tabl	le belov	·/)
SEEP / SPRING / VEF	RNAL P	OOL FEATURI									
UTM]	Feature No. & T	ype	Feature (Diame	1 1	Wat	ter Depth	Photo No	Sub/Emerger Spp. Preso		Shrubs/ Logs at Edge Present?
		***************************************	$\overline{}$								

SPECIES & HABITA	T OBSE	RVATIONS (lis	t sne	cies and	type of oh	ser	vation & inc	dicate on n	nan)		
or Let Low Williams	OBOL	ACCITATION (NO	t spc	CIUS IIIIG	type or ob	301	vacion & in	arcate on 1	nap,		
											1.
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CA=carcass: DP=distinctive parts: FE=feeding evidence; FY=eggs/nest: HO=house/den; OB=observed: SC=seat; SI=other sign; TK=track: VO=vocalization

						. ,				
	Stantec Con 1 – 70 South Guelph, ON Canada N10 Tel. (519) 83 Fax: (519) 83	gate Drivi 3 4P5 3-6050	Poly	Woodla	Roadside EL nd & Wildlife sessment Fo	e Habitat				
Stantec			6							
Project Number:	16095	026	7	Project Name						
Date:	June 2	-7		Field Personnel	N.Charlo	\sim				
Weather Conditions:	TEMP (°	C):	WIND: 2-3	CLOUD:	PPT:	PPT (in last 24 hrs):				
POLYGON DESCRIPTION										
				TOPOGRAPHIC I		HISTORY				
ELC COMMUNITY DESCRIPTION & CLASSIFICATION	☐ TALUS ☐ CREVICE / CAVE ☐ ALVAR ☐ ROCKLAND ☐ BEACH / BAR ☐ SAND DUNE ☐ BLUFF	NATURAL								
STAND DESCRIP	TION:									
LAYER	нт	CVR	1		DECREASING DOM EATER THAN; = AB					
1 CANOPY										
2 SUB-CANOPY	1									
3 UNDERSTORE	Y									
HT CODES: CVR CODES:	1=>25m	2=10 <f 1=0%<</f 	1T≤25m 3= 2 <ht≤10< th=""><th></th><th>).5<ht<1m 6="0.2<HT<<br">\$60% 4=CVR>60% N</ht<1m></th><th></th></ht≤10<>).5 <ht<1m 6="0.2<HT<<br">\$60% 4=CVR>60% N</ht<1m>					
STANDING SNAGS:	:		<10	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	: nu - mo	is t	old field,	neadow	CODE: CUM	1-1				
——————————————————————————————————————	PLEX (a Ho	, , , , , , , , , , , , , , , , , , , ,	rallowmarch	CODE: MASZ	- 1				
			ALL PERSONS SELECT SE	A CALL ALL MAN S. C.	10.00					
Evidence of Distu	irbance / l	Notes:								
Cum/mas										
- Grassy	- Grassy Cum (same species as typical but grass dominated)									
- Typha A	- Typha MAS (red lines)									
Lno	other	spec	ies)							

ABUNDANCE CODES: N=NONE R=RARE O=	No. 18		YER		DISTANCE	FROM RD.	Chick State
SPECIES CODE	1	2	3	4	≤5 m	>5 m	COLL.
TREES:	THE P			2 (A) (B)	STARTED STATE		4 335
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SHRUBS:	a street		51,219			· · · · · · · · · · · · · · · · · · ·	947
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GROUND: Refer to card 51-1, 51-3, and 52-6 For typical ground vegetation	Telefishing	483.15			Phis 6	##birtor	13.00
Refer to card 51-1.		0.0240000000000000000000000000000000000	X 40 - 2 - 2 - 1	an design for the second law.	District Mary 1		
51-3, and 52-6	1						
for typical ground registration	h						
composition							
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LAYERS: 1=CANOPY >10m 2=SUB-CANOPY 3=UNDERSTOREY 4=GROUND (GRD.) LAYER

Signature:	Mah
//	(Field Personnel)

Quality Control This form is complete 8 legible Signature:

(Project Manager)

ELC Polygon: #5)	.5 Ass	essment Type:	™ -Vi:	sual; no	access / 🗆	I-Walk throu	igh feature	e		
Extent of Physical In	vestigati	on of Feature:	□-Er	ntire / 🗆	I-Partial, wa	lk through p	olygon <i>(ir</i>	dicate on map)		
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	RNACUL	A FEATURE(S)				ioned innes d	i cares _[
UTM			Featu	re Desc	ription		Photo No	o. Spp. O	bserved	Using Feature
Bat Roosting Fea	tures:	Contains p	ótenti / □-l	al bat ro Unknow	oosting feat	ures? ss (*if yes, d	escribe in	table below)		
	000711	[i.e. tall tree	s with	h open	surrounding	s, DBH >25	icm, side-	facing cavities ~	10m hig	nh in tree]
POTENTIAL BAT R UTM	OOSTIN		-	NTIFIE DBH	D Photo No.	Decay Cl	ass (1-5)	No. of Cavities	Height	and Type of Cavities
									1	- Table 1 y po or out rices
Stick Nests:			Cont □-Y	ains Iar ' / 四-N	ge stick nes / -Unknov	sts? vn, no acces	ss (*if yes,	describe in tabl	e below	<i>'</i>)
STICK NEST(S) IDE UTM	NTIFIEL	Tree ID		Tree	Spp.	Nest Size	Photo N	o. Spp. (Observe	d Using Feature
										3
Seeps/Springs/Ve	rnal Po	ols:	Cont □-Y	ains se	eps/springs	/vernal pool	s? ss (*if ves.	describe in tabl	e below	·)
SEEP/SPRING/VE	RNAL P	OOL FEATURE								,
UTM	F	Feature No. & Ty	уре	(Diame	: VV:	ater Depth	Photo No	Sub/Emerger Spp. Prese		Shrubs/ Logs at Edge Present?

SPECIES & HABITA	VI OBSE	RVATIONS (list	spec	ies and	type of obse	rvation & in	dicate on	map)		
										y4 § -
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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 Tet: (519) 83 Fax: (519) 83	gate Driv 6 4P5 6-6050	.td. Call. T Poly 6	Woodla	oadside ELC nd & Wildlife sessment Fo	Habitat					
Project Number:	101-		<u></u>	Project Name:	1-1-						
Date:	June	June 27 Field Personnel: N. Charlton									
Weather Conditions:	TEMP (°	°C):	wind: 2-3	CLOUD: 90	PPT:	PPT (in last 24 hrs):					
POLYGON DESCRIPTION											
				TOPOGRAPHIC F	EATURE	HISTORY					
ELC	POLYGON: START TIM	51 E: -	-6	☐ LACUSTRINE ☐ RIVERINE ☐ BOTTOMLAND ☐ TERRACE	☐ TALUS ☐ CREVICE / CAVE ☐ ALVAR ☐ ROCKLAND	☑ NATURAL ☐ CULTURAL					
COMMUNITY DESCRIPTION & CLASSIFICATION	END TIME:	<i>+</i> :	00	☐ VALLEY SLOPE ☐ TABLELAND ☐ ROLL, UPLAND ☐ CLIFF	☐ BEACH / BAR ☐ SAND DUNE ☐ BLUFF						
STAND DESCRIP	TION:										
LAYER	нт	CVR	1		ECREASING DOMI						
1 CANOPY	2	4	DUERUBO	2 > ACERU							
2 SUB-CANOP	Υ		7								
3 UNDERSTORE	Υ										
4 GRD. LAYER	5-7	3									
4 GRD. LAYER	5-7 1=>25m	2=10<	1T≤25m 3= 2 <ht≤10< th=""><th>m 4=1<ht≤2m 5="0</th"><th>5<ht≤1m 6="0.2<HT≤0</th"><th>70</th></ht≤1m></th></ht≤2m></th></ht≤10<>	m 4=1 <ht≤2m 5="0</th"><th>5<ht≤1m 6="0.2<HT≤0</th"><th>70</th></ht≤1m></th></ht≤2m>	5 <ht≤1m 6="0.2<HT≤0</th"><th>70</th></ht≤1m>	70					
4 GRD. LAYER	5-7- 1=>25m 0=NONE	2=10 <l-< th=""><th>1T≤25m 3=2<ht≤10< th=""><th>m 4=1<ht≤2m 5="0.<br">/R≤25% 3=25<cvr≤< th=""><th></th><th>70</th></cvr≤<></ht≤2m></th></ht≤10<></th></l-<>	1T≤25m 3= 2 <ht≤10< th=""><th>m 4=1<ht≤2m 5="0.<br">/R≤25% 3=25<cvr≤< th=""><th></th><th>70</th></cvr≤<></ht≤2m></th></ht≤10<>	m 4=1 <ht≤2m 5="0.<br">/R≤25% 3=25<cvr≤< th=""><th></th><th>70</th></cvr≤<></ht≤2m>		70					
4 GRD. LAYER HT CODES: CVR CODES:	5-7- 1=>25m 0=NONE	2=10<+ 1=0%<	1T≤25m 3=2 <ht≤10 <cvr≤10% 2="10<C\</th"><th>m 4=1<ht≤2m 5="0.<br">/R≤25% 3=25<cvr≤< th=""><th>60% 4=CVR>60% N/ 25 - 50</th><th>O=not observed</th></cvr≤<></ht≤2m></th></cvr≤10%></ht≤10 	m 4=1 <ht≤2m 5="0.<br">/R≤25% 3=25<cvr≤< th=""><th>60% 4=CVR>60% N/ 25 - 50</th><th>O=not observed</th></cvr≤<></ht≤2m>	60% 4=CVR>60% N/ 25 - 50	O=not observed					
4 GRD. LAYER HT CODES: CVR CODES: STANDING SNAGS:	1=>25m 0=NONE	2=10 <h 1=0%<</h 	1T≤25m 3= 2 <ht≤10 <cvr≤10% <b="">2=10<c\ <</c\ </cvr≤10%></ht≤10 	m 4=1 <ht≤2m 5="0.<br">/R≤25% 3=25<cvr≤< th=""><th>60% 4=CVR>60% N/ 25 - 50</th><th>O=not observed >50</th></cvr≤<></ht≤2m>	60% 4=CVR>60% N/ 25 - 50	O=not observed >50					
4 GRD. LAYER HT CODES: CVR CODES: STANDING SNAGS: ABUNDANCE CODES: STAND MATURITY:	S-7 1=>25m 0=NONE	2=10<+ 1=0%< N	1Ts25m 3=2 <hts10i CVRs10% 2=10<c\ <10 <10 =NONE R=RARE</c\ </hts10i 	m 4=1 <ht<2m -="" 0="0CCASIONAL" 10="" 24="" 3="25<CVR<" 5="0" mid-age<="" r<25%="" th=""><th>60% 4=CVR>60% N/ 25 - 50 A=ABUNDANT N/</th><th>O=not observed >50 O=Not observed</th></ht<2m>	60% 4=CVR>60% N/ 25 - 50 A=ABUNDANT N/	O=not observed >50 O=Not observed					
4 GRD. LAYER HT CODES: CVR CODES: STANDING SNAGS: ABUNDANCE CODES: STAND MATURITY: VEGETATION TYPE	S-7 1=>25m 0=NONE	2=10<+ 1=0%< N	1TS25m 3=2 <hts10i 2="10<CV" cvrs10%="" r="RARE" th="" young<=""><th>m 4=1<ht<2m 3="25<CVR</br" 5="0" r<25%=""> 0 10 - 24 O=OCCASIONAL MID-AGE iduous forest</ht<2m></th><th>25 – 50 A=ABUNDANT N/</th><th>O=not observed >50 O=Not observed</th></hts10i>	m 4=1 <ht<2m 3="25<CVR</br" 5="0" r<25%=""> 0 10 - 24 O=OCCASIONAL MID-AGE iduous forest</ht<2m>	25 – 50 A=ABUNDANT N/	O=not observed >50 O=Not observed					

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

2 2	
Signature: M.	Quality Control This form is complete to 8 legible to. Signature:
(Ffeld Personnel)	(Project Manager)

W(1		/	/							
ELC Polygon: #5/-	Asses	ssment Type:	□ -V	/isual; no	access	/ u -V	Walk throu	gh featur	Э		
Extent of Physical Inv	– vestigatior	n of Feature:	Q -E	intire / 🗆	I-Partial,	walk	through p	olygon <i>(ir</i>	ndicate on map)		
Reptile / Bat Hiber	nacula F	eatures:	□-Y [i.e. bridg Con □-Y	/* / □-N , features the ge abutme stains po /* / □-N ,	/ ☑-Unkn nat would p nts or culv tential ba / ☑-Unkn	nown provid erts v nt hibe nown	de a route ur with cracks/e ernacula f e	s (*if yes, iderground entry points eatures? s (*if yes,	describe in table, including buried	concrete vices or i	or rock (e.g. foundations, inactive animal burrows)]
POTENTIAL HIBER	NACULA	FEATURE(S)									
UTM			Feat	ture Desc	ription		-	Photo No	o. Spp. (bserve	d Using Feature
Bat Roosting Feat	ures:	Contains p □-Y* / □-N [i.e. tall tree	/ U	-Unknov	vn, no ac	cess	(*if yes, de	escribe in cm, side-	table below) facing cavities	·10m hiş	gh in tree]
POTENTIAL BAT RO	1			1		. 1				T	
UTM	Tree ID	Tree Sp	p.	DBH	Photo N	lo.	Decay Cla	ıss (1-5)	No. of Cavities	Heigh	t and Type of Cavities
									Half-telephone (control of the control of the contr		
	<u> </u>			İ							
Stick Nests:			Cor	ntains lar /* / ロ-N	ge střck r / ⊠-Unkr	nests nown	s? a. no acces	s (*if ves.	describe in tab	le belov	v)
STICK NEST(S) IDE	NTIFIED						,,,,,			5 50.07	
UTM		Tree ID	<u> </u>	Tree	ee Spp.		Nest Size	Photo N	o. Spp.	Observe	d Using Feature
							······································				

Seeps/Springs/Ve	rnal Poo	ls:					ernal pools		describe in tab	le belov	<i>y</i>)
SEEP/SPRING/VEI	RNAL POO	OL FEATURI									,
UTM	Fea	ature No. & T	ype	Feature (Diame	1	Wate	er Depth	Photo No	Sub/Emerge Spp. Pres		Shrubs/ Logs at Edge Present?
SPECIES & HABITA	T OBSERY	VATIONS (lis	t spe	cies and	type of ob	bserv	ation & inc	dicate on	map)		
											*: 1
											• 02

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

Stantec	Stantec Consulting Ltd. 1 – 70 Southgate Drive Guelph, ON Canada N1G 4P5 Tel. (519) 836-6050 Fax: (519) 836-2493	Coll. To	7 Woodlar	oadside ELC nd & Wildlife sessment Fo	Habitat
Project Number:	160950269		Project Name:	NRWC	
Date:	June 27		Field Personnel:		\sim
Weather Conditions:	TEMP (°C):	wind: 2-3	CLOUD:	РРТ	PPT (in last 24 hrs):
			POLYGON DES		WOTODY W
Delical Calculation of the Calculation	DOLVCON.		TOPOGRAPHIC F		HISTORY
ELC	POLYGON: 51-	-7	BOTTOMLAND	□ CREVICE / CAVE □ ALVAR	NATURAL SULTURAL
COMMUNITY			D VALLEY SLOPE	☐ ROCKLAND ☐ BEACH / BAR ☐ SAND DUNE	
CLASSIFICATION	END TIME:			□ BLUFF	

STAND DESCRIPTION:

	LAYER	нт	CVR		SPECIES IN ORDER OF DECREASING DOMINANCE (>>MUCH GREATER THAN; >GREATER THAN; = ABOUT EQUAL TO)						
1	CANOPY	2	2	ULMAME	R						
2	SUB-CANOPY										
3	UNDERSTOREY	4	3	CORNUS (9124)						
4	GRD. LAYER	5-7	Ч	SOLIPAGO>		GRASS					
HT	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</td"></ht≤25m>										
CV	CVR CODES: 0=NONE 1=0% <cvr≤10%< th=""> 2=10<cvr≤25%< th=""> 3=25<cvr≤60%< th=""> 4=CVR>60% N/O=not observed</cvr≤60%<></cvr≤25%<></cvr≤10%<>										
ST	ANDING SNAGS:			<10	N 10−24	25 - 50	<i>从</i> >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				
VE	VEGETATION TYPE: gray do zword CODE: CUT1-4										
COMPLEX CODE:											

Evidence of Disturbance / Notes:

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

		YER		FROM RD.	COLL	
1	2	3	4	≤5 m	>5 m	COL
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Signature: (Field Personnel)

Quality Control: This form is complete at a legible to

gnature:

Project Manager)

ELC Polygon: #51-7	Assess	sment Type: 🍑	/ Visual; no	access / 🗆	-Walk throu	gh feature			
Extent of Physical Inv	estigation	of Feature: Q-f	Entire / □	I-Partial, wal	k through p	olygon <i>(in</i>	dicate on map)		
Reptile / Bat Hiberi	nacula Fe	□-\ [i.e. brid Cor □-\	Y* / □-N / features the lge abutme ntains por Y* / □-N /	hat would provents or culverts tential bat hil	n, no acces ride a route ur with cracks/o bernacula fo n, no acces	s (*if yes, aderground, entry points, eatures? s (*if yes, a	describe in table including buried o	onerete d vices or i	or rock (e.g. foundations, nactive animal burrows)]
POTENTIAL HIBERN	NACULA F	EATURE(S) IDI	ENTIFIE	D					
UTM		Fea	ture Desc	ription		Photo No	Spp. U	bserved	l Using Feature
Bat Roosting Featu			I-Unknow vith open	vn, no acces surroundings	s (*if yes, d	escribe in cm, side-f	table below) acing cavities ~	10m híç	gh in tree]
POTENTIAL BAT RO UTM	OSTING F	Tree Spp.	ENTIFIE DBH	Photo No.	Decay Cla	nee (1-5)	No. of Cavities	Heigh	t and Type of Cavities
		Tito opposite	2000	AHOO	Duny C.	Decay Class (1-5) No.		110151	talle Type of Carines
Stick Nests:		Co	ntains lar Y* / 02-N	rge stick nest / □-Unknow	ts? n, no acces	ss (*if yes,	describe in tabl	e below	1)
STICK NEST(S) IDEN UTM	TIFIED	Tree ID	Tree	Spp.	Nest Size	Photo No	Spp (Theamy	d Heine Contura
ULIVI		Tice ID	1166	Spp.	THESE SIZE	Flioto	յ, որիս Հ	Juscive	d Using Feature
Seeps/Springs/Ver		O-,	Y* / O-N		vernal pool	s? ss (*if yes,	describe in tabl	e below)
UTM		ture No. & Type	Fanture	e Size	ter Depth	Photo No	Sub/Emerger Spp. Prese		Shrubs/ Logs at Edge Present?
SPECIES & HABITAT	r observ	ATIONS (list spe	ecies and	type of obser	vation & in	dicate on n	nap)		
									100 20 20

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

Stantec Project Number:	Stantec Consulting Ltd. Coll. Tile 51; Roadside ELC, Guelph, ON Canada N1G 4P5 Tel: (519) 836-6050 Fax: (519) 836-2493 Project Name: WRW Field Personnel: N. Chartton									
Weather Conditions:	TEMP (°C):		TEMP (°C): 30		WIND: 2-3	CLOUD:	PPT;	PPT (in last 24 hrs).		
				POLYGON DES		HISTORY				
ELC S	OLYGON: TART TIM ND TIME:	51.	-9 (00	□ LACUSTRINE □ RIVERINE □ BOTTOMLAND □ TERRACE □ VALLEY SLOPE □ TABLELAND □ ROLL. UPLAND □ CLIFF	☐ TALUS ☐ CREVICE / CAVE ☐ ALVAR ☐ ROCKLAND ☐ BEACH / BAR ☐ SAND DUNE ☐ BLUFF	□ NATURAL □ CULTURAL				
STAND DESCRIPT	ION:									
LAYER	нт	CVR			DECREASING DOMI					
1 CANOPY	2	4	-	terminespeci		nous trees				
2 SUB-CANOPY										
3 UNDERSTOREY	<u></u>									
HT CODES: CVR CODES:					5 <ht≤1m 6="0.2<HT≤0<br">60% 4=CVR>60% N</ht≤1m>					
STANDING SNAGS:			<10	10 – 24	25 – 50	>50				
ABUNDANCE CODES:		N	=NONE R=RARE	O=OCCASIONAL	A=ABUNDANT N/	O=Not observed				
STAND MATURITY:	PIONEER	` <u> </u>	YOUNG	MID-AGE	MATURE	OLD GROWTH				
VEGETATION TYPE:	wus fi	rest	or swar	np	CODE: FOD/	SWD				
COMP	LEX				CODE:					
Evidence of Disturbance / Notes: - can't make out species										
Evidence of Disturbance / Notes: - can't make out species - probably the same as # 6										

ABUNDANCE CODES: N=NONE R=RARE O=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: Cannot see from rd SHRUBS: GROUND:

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

Signature: (Field Personnel)	Quality Control:This form is complete the legible to. Signature: (Project Manager)
(red respine)	(Project Mariager)

ELC Polygon: #5/-													
Reptile / Bat Hiber	nacula F	[i.e. bric Co	Y* / ᡚ-N . features the dge abutme ntains po Y* / ⑫-N	/ d-Unknothat would prents or culvettential bat / O-Unknothan	rovide a route ur rts with cracks/c hibernacula f	is (*if yes, inderground, entry points, eatures? is (*if yes,	describe in table including buried c	onerete or in	or rock (e.g. foundations, nactive animal burrows)]				
POTENTIAL HIBER	NACULA I					, , , , , , , , , , , , , , , , , , , ,							
UTM		Fea	Feature Description Photo No. Spp. Observed Using Fe										
					·								
Bat Roosting Feat			⊒∕Unknov vith open	vn, no acco surroundir	ess (*if yes, d		table below) facing cavities ∼	10m hiç	gh in tree]				
POTENTIAL BAT RO	1				Dager Cl	- (1.5)	** CO!Ai	## -2 - B-4	1 T				
UTM	Tree ID	Tree Spp.	DBH	Photo No	Decay Cl	ass (1-5)	No. of Cavities	Height	t and Type of Cavities				
Stick Nests: STICK NEST(S) IDEN	NTIFIED	Co □-	ntains lar Y* / ロ-N	rge stick ne / □ -Unkno	ests? own, no acces	ss (*if yes,	describe in table	e below	()				
UTM		Tree ID	Tree	Spp.	Nest Size	Photo No	o. Spp. C	bserve	d Using Feature				
Seeps/Springs/Ver	rnal Pool	s : Co	ntains se Y* / □-N	eps/spring / 🖸-Unkno	gs/vernal pool own, no acces	s? ss (*if yes,	describe in table	e below	()				
SEEP / SPRING / VEF	RNAL POO)L FEATURE(S)	7										
UTM	Fea	nture No. & Type	Feature (Diame		Vater Depth	Photo No	Sub/Emergen Spp. Prese		Shrubs/ Logs at Edge Present?				

SPECIES & HABITA	T OBSERV	VATIONS (list sp	ecies and	type of obs	servation & in	dicate on r	nan)						
				-Jp	704 7 504 51 50	diente ou	ширу						
									# e0				

									.2)				

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

patalous of the curen bat not marshy really

Legend Proposed Collector 120m Buffer Standard Turbine (105 dBA) Alternate Collector Cable Route Signed Property - Outside Study Area Potential Signed Property - Outside Study Area



June, 2012 160950269

Proposed Collector Route

Stantec	1 – 7 Guel Cana Tel:	ntec Con 70 Southon 1ph, ON 1ph, ON	gate Driv 3 4P5 3-6050		Woodla	oadside El nd & Wildli sessment F	fe Habitat
Project Number	: 11	0450	2269	1	Project Name:	NRWC	
Date	J	line	27	12012	Field Personnel:	N. Charlt	<u> </u>
Weather Conditions:		TEMP (°	C):	WIND: 2-3	cloud: 90	PPT:	PPT (in last 24 hrs):
					POLYGON DES	CRIPTION	
					TOPOGRAPHIC F		HISTORY
ELC COMMUNITY DESCRIPTION & CLASSIFICATION	STA	YGON: RT TIM	52 E:	30	☐ LACUSTRINE ☐ RIVERINE ☐ BOTTOMLAND ☐ TERRACE ☐ VALLEY SLOPE ☐ TABLELAND ☐ ROLL, UPLAND	☐ TALUS ☐ CREVICE / CAV ☐ ALVAR ☐ ROCKLAND ☐ BEACH / BAR ☐ SAND DUNE ☐ BLUFF	/E CULTURAL
STAND DESCRIP	PTIO	N.			CLIFF	.]	
LAYER	110	нт	CVR	1	S IN ORDER OF D		MINANCE ABOUT EQUAL TO)
1 CANOPY				,			,
2 SUB-CANOP	Υ						
3 UNDERSTOR	EY						
4 GRD. LAYER	₹	5-7	4	PHAARLIN	> CYPERAL	EAE	
HT CODES: CVR CODES:				HT≤25m 3= 2 <ht≤10 <cvr≤10% <b="">2=10<c\< td=""><td></td><td></td><td></td></c\<></cvr≤10%></ht≤10 			
STANDING SNAGS	::			<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 TYPI	E: <i>QQC</i>	l can	ory g	rass mineral	meadow ward	CODE: MA	M2-Z
CON	APLE	X	Ĭ			CODE:	
Evidence of Dist				^		92	
	1	MAU	4	armel o	drainage	: cham	el

LAYERS: 1=CANOPY >10m 2=SUB-CANO ABUNDANCE CODES: N=NONE R=RARE 0=	OPY	3=UNDE	RSTOR	EY 4	=GROUND	GRD.) LAYE	R observe
Stevents and management of the stevents of the			YER		DISTANCE	FROM RD.	COLL
SPECIES CODE	1	2	3	4	≤5 m	>5 m	COLL
TREES:		新教		5.5%	有一种基本		
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A STATE OF THE STA	1000000			15.310.1=840	-	0.00	
SHRUBS:		TENDY.	J. Brook	AT ALBO	SACTAL		
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GROUND:	130 p.5	1.844	98556	2000	-1-1612.k	NATIONAL I	150
PHAARUN ASCSYRI RARVULG CYPERALEAE SCHARUN BROINER	Control of the Control	THOSAI EL	7.00	A	V	/	
ASC SYRI	1		1	9-0		-	
PAR VIALE	1	1	1	1/2	1	M	
CUDERACEAE				A	1		
SCHARUN	1	1	1	R			
BROINER				R			
	Ī			 			
					1		
		100		1			

Signature: (Field Personnel)

Quality Control: This form is complete & & legible & Signature:

(Project Manager)

ELC Polygon: #52-	Ass	essment Type:	Ø-√	'isual; no	access / C	I-Walk throu	igh featur	е		
Extent of Physical Inv	estigati	on of Feature:	Q -E	intire / 🗆	I-Partial, wa	ilk through p	olygon <i>(ir</i>	ndicate on map)		
Reptile / Bat Hiber	nacula	Features:	□-Y [i.e. i bridg Con □-Y	* / □-N features the abutment tains potentials. * / □-N	/ ☑-Unknov hat would pro ents or culvert tential bat h / □-Unknov	vide a route un s with cracks/d ibernacula f	s (*if yes, nderground entry points eatures? ss (*if yes,	describe in table, including buried of	concrete vices or i	or rock (e.g. foundations, nactive animal burrows)]
POTENTIAL HIBERN	NACUL	A FEATURE(S								
UTM			Feat	ure Desc	cription		Photo No	o. Spp. C	bserve	l Using Feature
		H-Hith.				***************************************				
							<u>!</u>			
Bat Roosting Feato		□-Y* / ⊡ -N [i.e. tall tre	es wi	-Unknov th open	surrounding	ss (*if yes, d	lescribe in icm, side-	table below) facing cavities ~	10m hig	gh in tree]
UTM	Tree I			DBH	Photo No.	Decay Cla	ass (1-5)	No. of Cavities	Heigh	t and Type of Cavities
			F.						120.62	t and Type of Carretes
	,									
						1				
Stick Nests:			Con	itains lar ′* / 122-N	ge stick ne: / 🔲-Unknov	sts? vn, no acces	ss (*if yes,	describe in tabl	e belov	<i>y</i>)
STICK NEST(S) IDEN	TIFIED		1	213	0	N C.			21	
UTM		Tree ID		1 ree	Spp.	Nest Size	Photo N	o. Spp. C	Jbserve	d Using Feature
				-						
Seeps/Springs/Ver	nal Po	ols:	Con	tains se ′* / □-N	eps/springs	/vernal pools	s? ss (*if yes,	describe in tabl	e belov	/)
SEEP / SPRING / VER	NAL PO	OOL FEATURI								
UTM	F	eature No. & T	уре	Feature (Diame		ater Depth	Photo No	Sub/Emerger Spp. Preso		Shrubs/ Logs at Edge Present?
		Nidon				···········			***************************************	
SPECIES & HABITAT	r obsei	RVATIONS (lis	t spe	cies and	type of obse	rvation & in	dicate on	map)		
										**
										7
								/		
								., «		

Stantec	Stantec Con- 1 – 70 South, Guelph, ON Canada N10 Tel. (519) 83 Fax: (519) 83	gate Driv 6 4P5 6-6050	Ltd. Co	oll. Ti Poly z	ke -	らて, _R Woodlai Ass	nd a	dside EL & Wildlif sment F	e F	labitat n		
Project Number:	16095	160950269 Project Name: NRW C										
Date:	June	June 27 Field Personnel: N. Cher ton										
Weather Conditions:	TEMP (° 20	C):		/IND: - 3		CLOUD:		PPT:	1	PT (in last 24 hrs):		
					POI	YGON DES	CRII	PTION				
					TOF	OGRAPHIC F	EAT	URE	HI	STORY		
ELC	START TIME: 5:45					CUSTRINE VERINE OTTOMLAND ERRACE ALLEY SLOPE ABLELAND OLL. UPLAND	≣ []	NATURAL CULTURAL				
STAND DESCRIP	TION:											
LAYER	нт	CVR	(>>ML			ORDER OF D				NCE T EQUAL TO)		
1 CANOPY												
2 SUB-CANOPY	1											
3 UNDERSTORE	Y 4	3	COR	VUS >	71	ICAL						
4 GRD. LAYER	5-7	4				4607CE	ENT	AUREAZ	D (PFULL		
HT CODES: CVR CODES:						=1 <ht≤2m <b="">5=0. 5% 3=25<cvr≤< td=""><td></td><td></td><td></td><td></td></cvr≤<></ht≤2m>						
STANDING SNAGS:	NI	0		<10	П	10 – 24		25 – 50		>50		
ABUNDANCE CODES:		٨	=NONE	R=RARE	0:	OCCASIONAL	A=/	ABUNDANT I	N/O=1	Not observed		
STAND MATURITY:	PIONEER		YOU	NG		MID-AGE		MATURE		OLD GROWTH		

CODE:

CODE:

Evidence of Disturbance / Notes:

COMPLEX

VEGETATION TYPE:

CDECIES CODE		LA	YER	DISTANCE	R observed		
SPECIES CODE	1	2	3	4	≤5 m	>5 m	COLL.
REES:		10.4					70.5
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PUEBICO PRAPENN	R					~	
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ROUND:	0.000		18-20-00	HERVADA!			
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AVENI				R		~	
entagrea sp Supful Tueni Trasc				A			
SOLIDAGO				A			
				 			
	-		-		 		
	-			+			

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

								Wildli	ife Habitat Assessment Form
ELC Polygon: #52-	2 Assess	ment Type: 🛭	-Visual; no	access / 🗆	-Walk throu	gh feature			
Extent of Physical In	– vestigation	of Feature:	-Entire / □	I-Partial, wal	k through p	olygon <i>(ind</i>	licate on map)		
Reptile / Bat Hiber	rnacula Fe	[i. br C	-Y* / □-N e. features the idge abutine ontains po -Y* / ☑-N	hat would provents or culverts tential bat hi	n, no acces ride a route ur with cracks/c bernacula fo n, no acces	is (*if yes, onderground, interpretation of the control of the con	lescribe in table neluding buried c	oncrete /ices or i	or rock (e.g. foundations, nactive animal burrows)]
POTENTIAL HIBER	NACULA F					:			
UTM		Fe	eature Desc	cription		Photo No.	Spp. O	bserved	1 Using Feature
Bat Roosting Feat			□-Unknov with open	vn, no acces surrounding	s (*if yes, d		able below) cing cavities ~	10m hiç	gh in tree]
POTENTIAL BAT ROUTEM	Tree ID	Tree Spp.	DBH	Photo No.	Decay Cla	nes (1-5)	No. of Cavities	Haigh	t and Type of Cavities
V 1 1/1	Tite ID	тес орр.	DDI.	1 11010 110.	Decay Ca	133 (1-3)	10. 01 CAVILIES	Heigh	cand Type of Cavities
					<u> </u>				
Stick Nests:		C	ontains lai I-Y* / ဩ-N	ge stick nes / □-Unknow	ts? n, no acces	ss (*if yes, c	describe in tabl	e below	<i>(</i>)
STICK NEST(S) IDE					T	T			
UTM		Tree ID	Tree	Spp.	Nest Size	Photo No.	Spp. C)bserve	d Using Feature
Seeps/Springs/Ve	rnal Pools	:: C	ontains se I-Y* / □-N	eps/springs/ / 🗹-Unknow	vernal pools n, no acces	s? ss (*if yes, c	lescribe in tabl	e belov	/)
SEEP / SPRING / VEI	RNAL POO) IDENTII	FIED		ı			
UTM	Feat	ure No. & Typ	e Feature (Diam		ter Depth	Photo No.	Sub/Emerger Spp. Prese		Shrubs/ Logs at Edge Present?
SPECIES & HABITA	T OBSERV	ATIONS (list s	pecies and	type of obser	vation & in	dicate on m	ap)		
									1.0

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

Stantec	Stantec Cor 1 – 70 South Guelph, ON Canada N10 Tel: (519) 83 Fax: (519) 8	gate Driv 3 4P5 6-6050	to. Coll. Ti Poly 3	Woodla	oadside EL(nd & Wildlife sessment Fo	Habitat
Project Number:	10010	0260	Î	Project Name:		
Date:	June:	27		Field Personnel:	N-CharH	·m
Weather Conditions:	TEMP (PC);	wind: 2-3	CLOUD:	PPT:	PPT (in last 24 hrs):
				POLYGON DES	CRIPTION	
				TOPOGRAPHIC F	EATURE	HISTORY
ELC	POLYGON	52	3 :50	☐ LACUSTRINE ☐ RIVERINE ☐ BOTTOMLAND ☐ TERRACE ☐ VALLEY SLOPE	☐ TALUS ☐ CREVICE / CAVE ☐ ALVAR ☐ ROCKLAND ☐ BEACH / BAR	Ø NATURAL ☐ CULTURAL
DESCRIPTION & CLASSIFICATION	END TIME:			TABLELAND ROLL, UPLAND CLIFF	SAND DUNE	
STAND DESCRIF	PTION:					
LAYER	нт	CVR			DECREASING DOM EATER THAN; = AB	
1 CANOPY					,	
2 SUB-CANOP	Υ					
3 UNDERSTORE	EY					
4 GRD. LAYER	₹					
HT CODES: CVR CODES:					.5 <ht≤1m 6="0.2<HT≤<br">560% 4=CVR>60% N</ht≤1m>	
STANDING SNAGS	:		<10	10 – 24	25 – 50	>50
ABUNDANCE CODES:		٨	=NONE R=RARE	O=OCCASIONAL	A=ABUNDANT N	/O=Not observed
STAND MATURITY	PIONEE	₹	YOUNG	MID-AGE	MATURE	OLD GROWTH
VEGETATION TYPE	E: Mars	h			CODE: MAX	
CON	IPLEX				CODE:	
Evidence of Dist	urbanas /	Notos				
EVIDENCE OF DISE	ui Daille /	いいしにせる。				

Assume MAX + OA - camit See from

SPECIES CODE	Wantel S	LA'	/ER			FROM RD.	COLL
SPECIES CODE	1	2	3	4	≤5 m	>5 m	COLL
ES:				1479		SHARM	
	1						
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RUBS:		H. Carl		是汉唐。		74.7	
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OOND. Organization committee the properties with a gard	27000121-200	257.00	246841	DMAZ SECPE		Not product	100 100 110
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ignature: WM MM		Qualit	y Contro	l:This for	m is comple	te U & legibl	e d/

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

ELC Polygon: #52-	3 Ass	sessment Type	: ত্র-\	/isual; no	access / 🗆	-Walk throu	gh feature	•				
Extent of Physical In	– vestigat	ion of Feature:	□-E	Entire / 🗆	l-Partial, wal	k through p	olygon <i>(ir</i>	dicate on map)				
Reptile / Bat Hibe	rnacula	a Features:	i.e. brid Cor	/* / □-N / features the ge abutmentains potential /* / ☑-N /	nat would prov nts or culverts tential bat hil	n, no acces ide a route un with cracks/c pernacula fo n, no acces	s (*if yes, nderground entry points eatures? s (*if yes,	describe in table, including buried c	onerete ices or i	or rock (e.g. foundations, nactive animal burrows)]		
POTENTIAL HIBER	NACUL	A FEATURE(S				oned mines o	r caves					
UTM			Fea	ture Desc	ription		Photo No	o. Spp. O	. Spp. Observed Using Feature			
Bat Roosting Feat	tures:	Contains	poten	ntial bat ro	posting featu	res?						
		□-Y* / □- [i.e. tall tre	N/12 es w	Y-Unknow tith open	n, no acces surrounding	s (*if yes, d	<i>escribe in</i> icm, side-	table below) facing cavities ~	10m híg	gh in tree]		
POTENTIAL BAT R		· · · · · · · · · · · · · · · · · · ·		1								
UTM	Tree	ID Tree S ₁	pp.	DBH	Photo No.	Decay Cl	ass (1-5)	No. of Cavities	Heigh	t and Type of Cavities		
Stick Nests: STICK NEST(S) IDE	NTIFIE	D	Coi	ntains lar Y* / □-N	ge stick nesi / ᡌ-Unknow	ts? n, no acces	ss (*if yes,	describe in tabl	e belov	/)		
UTM		Tree ID		Tree	Spp.	Nest Size	Photo N	o. Spp. (bserve	d Using Feature		
Seeps/Springs/Ve	rnal Po	ools:	Col	ntains se Y* / ロ-N	eps/springs/ / 🗹-Unknow	vernal pool	s? ss (*if yes,	describe in table	e belov	v)		
SEEP / SPRING / VE	RNAL P	OOL FEATUR										
UTM	T	Feature No. & 7	Гуре	Feature (Diame	W a	ter Depth	Photo No	Sub/Emerger Spp. Prese		Shrubs/ Logs at Edge Present?		
SPECIES & HABITA	T OBSE	ERVATIONS (li	st spe	cies and	type of obser	vation & in	dicate on	map)				
			•					•		26 28		

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

Stantec Project Number:	Stantec Con 1 – 70 South Guelph, ON Canada N10 Tel: (519) 83 Fax: (519) 83	gate Driv 6 4P5 6-6050 6-2493	Led. Coll. Til	Woodlar Ass	oadside ELC nd & Wildlife sessment Fo	Habitat				
	160950 June			Field Personnel:	, ,					
Date.	June	~1			N. War Ho					
Weather Conditions:	TEMP (°	C):	wind: 2-3	cloud: 90	PPT:	PPT (in last 24 hrs):				
				POLYGON DES	CRIPTION					
				TOPOGRAPHIC F	EATURE	HISTORY				
ELC COMMUNITY	POLYGON: START TIM END TIME:	~.	2-4 :00	☐ 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		ES IN ORDER OF DECREASING DOMINANCE ATER THAN; >GREATER THAN; = ABOUT EQUAL TO)						
1 CANOPY										
2 SUB-CANOPY	′									
3 UNDERSTORE	6 5	,,		4 4 4 6						
4 GRD. LAYER	1000 0000	2=10:		U > PHAAR		O.S. 7-UT-0.2-				
HT CODES: CVR CODES:					.5 <ht≤1m 6="0.2<HT≤<br">i60% 4=CVR>60% N</ht≤1m>	-117				
STANDING SNAGS:	,		<10	10 – 24	25 – 50	>50				
ABUNDANCE CODES:		N	I=NONE R=RARE	O=OCCASIONAL	A=ABUNDANT N	/O=Not observed				
STAND MATURITY:	PIONEER		YOUNG	MID-AGE	MATURE	OLD GROWTH				
VEGETATION TYPE	: Catta	ilw	ineral shall	ow marsh	CODE: MAS	2-1				
COM	PLEX				CODE:					

Evidence of Disturbance / Notes:

drainage channel MAS, joined to DA

THE RESERVE		YER		JOIG MITOL	FROM RD.	COLL.
1	2	3	4	≤5 m	>5 m	COLL
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	m 1 - 5.	1.30	¥4.5	F 7 4		Sal-
				A C. C. C. C. C. C. C. C. C. C. C. C. C.		

Signature: Wheeh	Quality Control: This form is complete in legible and
(Field Personnel)	(Project Manager)

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Extent of Physical Inv	_1									ate on map)				
Reptile / Bat Hiber	nacula F	eatures:	□-Y' [i.e. 1 bridg Cont □-Y'	* / Q-N / catures the cabutme tains pot * / Q-N /	/ ☑-Unleast would be seen to be	knowr I provi Ilverts Dat hik knowr	ide a route un with cracks/c pernacula fe	s (*if yes, iderground, intry points eatures? s (*if yes,	des , incl , exp		onerete ices or i	or rock (e.g. foundations nactive animal burrows)		
POTENTIAL HIBERN	NACULA	FEATURE(S)	IDE	NTIFIE	D									
UTM			Feat	ure Desc	ription			Photo No	0.	Spp. O	bserved	l Using Feature		
Bat Roosting Feat			s wi	Unknow th open	n, no a	cces	s (*if yes, de	e <i>scribe in</i> cm, side-	ı <i>tab</i> faciı	le below) ng cavities ~1	10m hiç	gh in tree]		
POTENTIAL BAT RO				1 1		_			1					
UTM	Tree ID	Tree Sp	р.	DBH	Photo	No.	Decay Cla	iss (1-5)	No	. of Cavities	Heigh	t and Type of Cavities		
Stick Nests:			Con □-Y	tains lar * / ⊡ ∠N	ge stick / □-Un	c nest know	s? n, no acces	s (*if yes,	, des	scribe in table	e below	()		
STICK NEST(S) IDEN UTM	TIFIED	Tree ID	Ī	Tree Spp. Nest Size				Photo N	Io	Snn O	hearya	d Using Feature		
O I W		TICC ID		ree Spp.			Nest Size	1 Hoto IV	10.	Ֆիի. О	DSCI VC	u Osnig Feature		
											· · · · · · · · · · · · · · · · · · ·			
Seeps/Springs/Ver			U-Y	*/ Q -N	/ 🗗-Un	ings/\ know	vernal pools n, no acces	s? s (*if yes,	, des	scribe in table	e below	<i>'</i>)		
SEEP / SPRING / VER	NAL PO	OL FEATURE	(S) I							0.15		la		
UTM	Fea	ature No. & T	ype	Feature (Diame	- 1	Wa	ter Depth	Photo No	0.	Sub/Emergen Spp. Prese		Shrubs/ Logs at Edg Present?		
SPECIES & HABITAT	Γ OBSER'	VATIONS (lis	t spec	cies and	type of	obser	vation & inc	dicate on 1	map)				
												H 8		
,														
CA=carcass: DP=distinct	ve narts: 6	Emiliading anide	13646.	EV==egre/	hest H)=hoo	adden OR=	discorrende C	Cane	out Simother of	m. TV:	struck: VO=vocalization		

Stantec Project Number:	Stantec Con 1 – 70 South Guelph, ON Canada N10 Tel. (519) 83 Fax: (519) 83	gate Driv 3 4P5 3-6050	.td. Coll. To	Woodlai Ass	141	Habitat						
Date:	TEMP (°	C):	WIND: 2-3	Field Personnel: CLOUD: 98	PPT (in last 24 hrs).							
POLYGON DESCRIPTION												
				TOPOGRAPHIC F	EATURE	HISTORY						
COMMUNITY	POLYGON: START TIME:		-5 6:10 pm	☐ LACUSTRINE ☐ RIVERINE ☐ BOTTOMLAND ☐ TERRACE ☐ VALLEY SLOPE ☐ TABLELAND ☑ ROLL. UPLAND ☐ CLIFF	☐ TALUS ☐ CREVICE / CAVE ☐ ALVAR ☐ ROCKLAND ☐ BEACH / BAR ☐ SAND DUNE ☐ BLUFF	□ NATURAL						
STAND DESCRIPT	TION:											
LAYER	нт	CVR			DECREASING DOM							
1 CANOPY												
2 SUB-CANOPY	·											
3 UNDERSTORE	Y 4	3	Cornus (9	ray)								
4 GRD. LAYER	5-7	Y	SOLIDAG	0 > ASCS4	RI							
HT CODES: CVR CODES:					5 <ht≤1m 6="0.2<HT≤<br">60% 4=CVR>60% N</ht≤1m>							
STANDING SNAGS:			<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: gray dog wood cultural thicket CODE: CUTI-4												
COMP	PLEX				CODE:							
Evidence of Distu	rhance / I	lotos										

atmost half Cum

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

ARLINDANCE CODES: N=NONE R=RARE O=OCCASIONAL 4=ARLINDANT D=DOMINANT N/O=Not observed

ABUNDANCE CODES: N=NONE R=RARE (SPECIES CODE	J-OCCASI	LA	YER	NDAN I	DISTANCE	COLL.	
SPECIES CODE	1	2	3	4	≤5 m	>5 m	COLL
REES:		対策等		9.55			
shrubs: gray dojwood		3243	A	2 3000		V	
ROUND							A specific
SOLIDAGU ASCSYRI DIPFULL				A			
Galium				R-D			
BROINER				P	V	/	

Signature: When the same of th
(Field Personnel)

Quality Control:This form is complete 12 & legible 12

Signature:

(Project Manager)

ELC Polygon: #52-	Asses	ssment Type:	⊠ -Visı	ual; no	access	/ 🗆-	Walk throu	gh feature	;			
Extent of Physical Inv	 /estigatio	n of Feature:	□-Ent	ire / 🗆	I-Partial,	wall	through p	olygon <i>(in</i>	dicate on map)			
Reptile / Bat Hiber	nacula f		□-Y* / [i.e. fca bridge a Contai □-Y* /	tures the abutme ins por	/ Ø-Unkinat would ents or cult tential ba / □-Unki	nowr proviverts at hik nowr	de a route ur with eracks/o pernacula fo	s (*if yes, nderground, entry points eatures? s (*if yes,	describe in table including buried of	onerete d	or rock (e.g. foundations, nactive animal burrows)]	
POTENTIAL HIBER	NACULA					Otales	zied ainie.s o	r ettresj				
UTM			Featur	e Desc	ription			Photo No	. Spp. Observed Using Feature			
Bat Roosting Feat	ures:		/ 🗀 - U	nknov	vn, no ac	ccess	s (*if yes, d		table below)	10m hig	gh in tree]	
POTENTIAL BAT RO	OSTING	FEATURE(S)	IDEN	TIFIE								
UTM	Tree ID	Tree Sp).	DBH	Photo	No.	Decay Cla	ass (1-5)	No. of Cavities	Height	t and Type of Cavities	
Stick Nests: STICK NEST(S) IDEN	NTIFIED		Conta □-Y*	ins lar / 선-N	ge stick / ⊡-Unk	nest	s? 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	
Seeps/Springs/Vei			□-Y*/	/ Q -N	/ 四-Unk	ngs/\ nowl	vernaì pool	s? ss (*if yes,	describe in tabl	e below)	
SEEP / SPRING / VEI	RNAL PO	OL FEATURE	` 1								1	
UTM	Fe	ature No. & Ty	mai	(Diam		Wa	ter Depth	Photo No	Sub/Emerger Spp. Prese		Shrubs/ Logs at Edge Present?	

SPECIES & HABITA	T OBSER	VATIONS (list	specie	es and	type of o	bser	vation & in	dicate on 1	nap)			
											al	
											, e is	

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 Sou Guelph, O Canada N Tel: (519) Fax: (519)	thgate Driv 1 1G 4P5 336-6050		Woodla	oadside ELC nd & Wildlife sessment Fo	Habitat							
Project Number:	1609	5026	,9	Project Name:	NRWC								
Date:	Date: June 27 Field Personnel: N. Char Hom												
Weather Conditions: TEMP (°C): WIND: CLOUD: PPT: PPT (in last 24 h													
				POLYGON DES	CRIPTION								
				TOPOGRAPHIC F	EATURE	HISTORY							
ELC	POLYGO START TI	5 2 ME:	115	☐ LACUSTRINE ☐ RIVERINE ☐ BOTTOMLAND ☐ TERRACE ☐ VALLEY SLOPE ☐ TABLELAND ØROLL. UPLAND ☐ CLIFF	☐ TALUS ☐ CREVICE / CAVE ☐ ALVAR ☐ ROCKLAND ☐ BEACH / BAR ☐ SAND DUNE ☐ BLUFF	□ NATURAL							
STAND DESCRIP	TION:												
LAYER	нт	CVR		CIES IN ORDER OF DEATER THAN; >GRE									
1 CANOPY						·							
2 SUB-CANOP	Υ												
3 UNDERSTORE	Y												
4 GRD, LAYER	3 5-5	14	(+ V7. 8811	> solidage	DIPFULL	_							

	LAYER	нт	CVR	SPECI (>>MUCH GREA		ORDER OF D THAN; >GRE				
1	CANOPY									
2	SUB-CANOPY									
3	UNDERSTOREY									
4	GRD. LAYER	5-7	4	Grasses	78	olidage) >>	DIPFUL	-L	
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<0.2m</ht≤0.5m<></ht≤1m<></ht≤2m<></ht≤10m<></ht≤25m<>										
ST	ANDING SNAGS:			<10		10 – 24		25 – 50		>50
ABI	JNDANCE CODES:		N	=NONE R=RARE	0:	OCCASIONAL	A=	ABUNDANT	N/O=N	ot observed
ST	AND MATURITY:	PIONEER		YOUNG		MID-AGE		MATURE		OLD GROWTH
D-FOW field meadow CODE: CUM (-)										
	COMPLE	X					COE	E:		

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 DISTANCE FROM RD. LAYER SPECIES CODE COLL. >5 m 2 4 ≤5 m 1 3 TREES: SHRUBS: GROUND: GRASS SPP A 0

Signature: -	(Field Personnel)		y Contro	Cate	ete 🖫 % legit Coo Manager)	nela.

ELC Polygon: #52	_b As	sessi	ment Type:	IJ -√	/isual; no	acces	ss / 🛚 -	Walk throu	gh featur	е			
Extent of Physical In-	vestiga	tion o	f Feature:	⊒ -E	intire / 🗖	-Partia	al, wall	through p	olygon <i>(ir</i>	dica	te on map)		
Reptile / Bat Hiber	rnacul	a Fe	 	⊒-Y i.e. oridg Con ⊒-Y	* / Q-N / features the ge abutmentains pot * / Q-N /	/ ☑-Un nat woul nats or c tential / □-Un	knowr Id provi ulverts bat hit knowr	de a route ur with cracks/coernacula fo	s (*if yes, iderground entry points eatures? s (*if yes,	des , inch , exp		onerete d	or rock (e.g. foundations, nactive animal burrows)]
POTENTIAL HIBER	NACUI	LA FI	EATURE(S)	IDE	NTIFIE	D						· · · · · · · · ·	
UTM				eat	ure Desc	ription			Photo N	0.	Spp. O	bserved	Using Feature
Bat Roosting Feat	ures:		Contains po -Y* / -N [i.e. tall tree	/ 🗆	-Unknow	/n, no	acces	s (*if yes, d			le below)	10m hig	gh in tree]
POTENTIAL BAT RO	7		·····		1 1								
UTM	Tree	· ID	Tree Spp	•	DBH	Photo	No.	Decay Cla	ass (1-5)	No.	of Cavities	Height	and Type of Cavities
Stick Nests:				Cor	ntains lar	ge stic	k nest	s?	s (*if ves	des	cribe in table	e helow	2)
STICK NEST(S) IDE	NTIFIE	D						., ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,	400	01100 111 (401	0 00.011	,
UTM			ree ID		Tree	Spp.		Nest Size	Photo N	0.	Spp. C	bserve	d Using Feature
Seeps/Springs/Ve	rnal P	ools						vernal pools		des	cribe in table	e helow	·)
SEEP / SPRING / VE	RNALI	POOL					1111044	1, 110 00000	10 (11 y C C)	aco	onec in tabl	C DOION	,
UTM		Featı	ıre No. & Ty	pe	Feature (Diame		Wa	ter Depth	Photo N	0.	Sub/Emergen Spp. Prese		Shrubs/ Logs at Edge Present?

SPECIES & HABITA	T OBS	ERVA	TIONS (list	sne	cies and	type of	obser	vation & in	dicate on	man)	\		
						-5, p-0					,		
											-		
											· V		

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

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

1609502

ent/Project

Niagara Region Wind Corporation Amphibian Field Maps

Figure No.

Title

Proposed Collector Route Map 52

nvarven bossv.costpainingionäwingimxdv.zd1.zd4.z3_NHA_Fieldmaps\150950289_Release_17_ELC_Collector_Map_Book_20120613.mxd 2012-06-14 By: bcowper

Stantec	Stantec Co 1 – 70 South Guelph, ON Canada N1 Tel: (519) 8: Fax: (519) 8	G 4P5 36-6050	101A 22	Woodla	Roadside EL and & Wildlife ssessment Fe	e Habitat			
Project Number	60	950	769	Project Name	News				
Date	1	45/	12	Field Personne	***************************************	···			
Veather Conditions:	TEMP (°C):	WIND:	So Haz	PPT: Name	PPT (in last 24 hrs):			
				POLYGON DE	SCRIPTION				
			4-24	TOPOGRAPHIC		HISTORY			
ELC COMMUNITY DESCRIPTION & CLASSIFICATION	POLYGON START TIM END TIME:	S /	-1 2:00 2:16	☐ LACUSTRINE ☐ RIVERINE ☐ BOTTOMLAND ☐ TERRACE ☐ VA(LEY SLOPE ☐ TABLELAND ☐ ROLL. UPLAND ☐ CLIFF	☐ TALUS ☐ CREVICE / CAVE ☐ ALVAR ☐ ROCKLAND ☐ BEACH / BAR ☐ SAND DUNE ☐ BLUFF	☑ NATURAL			
STAND DESCRIP	TION:								
LAYER	нт	CVR	SPECII (>>MUCH GREA	ES IN ORDER OF I	DECREASING DOMI	NANCE OUT EQUAL TO)			
1 CANOPY	12	3	FRAPENA	ATER THAN; > GREATER THAN; = ABOUT EQUAL TO)					
2 SUB-CANOP	·	3	ULMAMO	DRAW, SP	ruce				
3 UNDERSTORE			Gray Do	gwood					
4 GRD. LAYER			1 Aragunit	Es = Solutari	= Bird, Foot	restoil			
IT CODES: CVR CODES:	0=NONE		1T≤25m 3 =2 <ht≤10< td=""><td>lm 4≈1<ht≤2m 5≕0<="" td=""><td>.5<ht≤1m 6="0.2<HT≤0<br">s60% 4=CVR>60% N/</ht≤1m></td><td>5m 7=HT<0.2m</td></ht≤2m></td></ht≤10<>	lm 4≈1 <ht≤2m 5≕0<="" td=""><td>.5<ht≤1m 6="0.2<HT≤0<br">s60% 4=CVR>60% N/</ht≤1m></td><td>5m 7=HT<0.2m</td></ht≤2m>	.5 <ht≤1m 6="0.2<HT≤0<br">s60% 4=CVR>60% N/</ht≤1m>	5m 7=HT<0.2m			
STANDING SNAGS:			<10	10 – 24	25 – 50	>50			
ABUNDANCE CODES:		N	=NONE R=RARE	O=OCCASIONAL	A=ABUNDANT N/	D=Not observed			
STAND MATURITY:	PIONEER		YOUNG	MID-AGE	MATURE	OLD GROWTH			
EGETATION TYPE		A 4	M (1		6005				

CODE:

Evidence of Disturbance / Notes:

COMPLEX

ABUNDANCE CODES: N=NONE R=RAR	STREET, A THICK	L	YER	ni obje	DISTANCE	FROM RD.	Joseph
SPECIES CODE	123.1	2	3	4	≤5 m	>5 m	COLL
				1			
E. CoHIN WOOD! ERAPENN ULMANIER W. Syrva	0			1			
FRAPENN	A						
VLMANER	0	0		1			_
W. Syruce		0					
			1	T			
				 			
				1			
			 	1			
				 	! —	*	
				 			
				 			
HRUBS: Gray Dogwood			 	 			
Gran Dogwood		1101	0	 	F		
1 9 0 3							
				 			
				 			
				 	-		
				1			
ROUND:							
Mr annu fre	(m)			0			
ROUND: Arragen tes Solitate Beret font trefoil				0			
Birry fort trefail				0			
	-						
	- 						

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

ELC Polygon: #54.	_/ Ass	sessment Type	: 🗓 - \	/isual; no	o acce	ss / 🗖	-Walk throu	ıgh featur	re			
Extent of Physical In	vestigat	ion of Feature:	Q-E	Entire / 🗆	I-Partia	al, wal	k through p	oolygon (i	ndic	cate on map)		
Reptile / Bat Hiber			□-Y [i.e. bridg Con □-Y [i.e.	/* / □-N features to ge abutme ntains po /* / □-N karst tope	hat would be tential of the tential of tential of the tential of tential of tential of tential o	nknow ild provents bat hi nknow	ide a route u with cracks/ bernacula f	ss (*if yes nderground entry point features? ss (*if yes	i, de I, ind S. ex	escribe in table cluding buried of cposed rock cres escribe in table	onerete lices or	or rock (e.g. foundations, inactive animal burrows)]
UTM	IVACUL	A PEATORE(S							0.	Spp. O	bserve	d Using Feature
									\dashv			
Bat Roosting Feat		[i.e. tall tre	es wi	-Unknov ith open	vn, no surrou	acces	s (*if yes, d	<i>lescribe ir</i> icm, side-	<i>1 tal</i> -faci	ble below) ing cavities ~	10m hí	gh in tree]
POTENTIAL BAT ROUTM	Tree	1		T		- NI-	D CI	(1.5)	n.			4 - 175 - 60 - 141
UTM	Tree	ID Tree Sp	р.	DBH	Photo	0 No.	Decay Cl	ass (1-5)	N(o. of Cavities	Heigh	t and Type of Cavities
								——————————————————————————————————————				
Stick Nests:			Con	ntains lar /* / □-N	ge stic / ☑-Ur	k nest	s? n, no acces	ss (*if yes	, de	scribe in table	e belov	()
STICK NEST(S) IDEN	NTIFIED	Tree ID	True San N. 4 Si					Dh. sta N	T.	S C	·····	A Vision Francisco
UTM		Tree ID		Tree Spp. Nest Size			Photo N	10.	Spp. C	bserve	d Using Feature	
			<u> </u>					<u> </u>				
Seeps/Springs/Ver			Q-Y	/* / Q-N	/ Q ∠Ur	rings/\ know	vernal pools	s? is (*if yes,	, de	scribe in table	e belov	1)
SEEP / SPRING / VER	RNAL PO	OOL FEATURI	E(S) I			1		T				7
UTM	F	Feature No. & T	уре	Feature (Diame		Water Depth		Photo No	0.	Sub/Emergent Veg. Spp. Present?		Shrubs/ Logs at Edge Present?
			_						-			
SPECIES & HABITAT	r obsei	RVATIONS (lis	t spec	cies and	type of	obser	vation & inc	dicate on	map)		
												20
(2) TND (2) (2)		1 6 -2' 6' 7.4	.55					1				
CA=carcass: DP=distincti	ve parts:	ru-leeding evide	mee: t	r Y reggs/i	nest: H0	* hous	e/den; OB⁄≈o	bserved: S	C S	cat: SI≡other si	gn: 1K	track: VO_vocalization =

Stantec	Stantec Co. 1 – 70 South Guelph, ON Canada N1 Tel: (519) 83 Fax: (519) 8	G 4P5 36-6050	. 5.4	TVUUUIA	loadside EL nd & Wildlif sessment F	e nabitat					
Project Number:	160	a 56	269	Project Name: NRWC							
Date:	301	1,5,	102	Field Personnel:	NI. Ros	5					
		//				<u> </u>					
Veather Conditions:	38 38	°C):	WIND:	50 Haza	PPT:	PPT (in last 24 hrs):					
				POLYGON DES	CRIPTION						
				TOPOGRAPHIC F	EATURE	HISTORY					
COMMUNITY DESCRIPTION &			- 2	☐ LACUSTRINE ☐ RIVERINE ☐ BOTTOMLAND ☐ TERRACE ☐ VALLEY SLOPE ☐ TABLELAND	☐ TALUS ☐ CREVICE / CAVE ☐ ALVAR ☐ ROCKLAND ☐ BEACH / BAR ☐ SAND DUNE	INATURAL INCLUDING					
CLASSIFICATION	END TIME:	2:15		D ROLL, UPLAND	D BLUFF						
STAND DESCRIP	TION:				-						
LAYER	НТ	CVR	SPECIE (>>MUCH GREA	S IN ORDER OF DATER THAN: >GRE	ECREASING DOM ATER THAN; = AB	INANCE					
1 CANOPY	3	4	William =	Wispruce	> E. W. Horan	and = IPRAPE					
2 SUB-CANOPY		3	W.Pine =	W. Spruce =	FRAPENINS	BlackLocust					
3 UNDERSTORE	Y 4	3	Stilly Do	900000 6	randoa wand	= (oniceras					
GRD. LAYER	15-7	3	Silulage 2	POUCONTUN	> TEPHAT	z > Tease 1"					
IT CODES:	1=>25m 0=NONE		HT≤25m 3=2√HT≤10 <cvr≤10% 2="10<C\</td"><td>m 4=1<ht≤2m 5="0.<br">√R≤25% 3=25<cvr≤< td=""><td>5<ht≤1m 6="0.2<HT≤<br">60% 4=CVR>60% N</ht≤1m></td><td>0.5m 7=HT<0.2m /O=not observed</td></cvr≤<></ht≤2m></td></cvr≤10%>	m 4=1 <ht≤2m 5="0.<br">√R≤25% 3=25<cvr≤< td=""><td>5<ht≤1m 6="0.2<HT≤<br">60% 4=CVR>60% N</ht≤1m></td><td>0.5m 7=HT<0.2m /O=not observed</td></cvr≤<></ht≤2m>	5 <ht≤1m 6="0.2<HT≤<br">60% 4=CVR>60% N</ht≤1m>	0.5m 7=HT<0.2m /O=not observed					
TANDING SNAGS:			O <10	R 10-24	25 - 50	N >50					
BUNDANCE CODES:		N	-NONE R=RARE	0=0ceasional	A=ABUNDANT N	O=Not observed					
TAND MATURITY:	PIONEER		YOUNG	MID-AGE	MATURE	OLD GROWTH					
EGETATION TYPE:	White	e Piri	e Coniferous	Polartation	CODE: UP	3-2					
COMP	LEX				CODE:						

Evidence of Disturbance / Notes:

SPECIES CODE	A MILE WITH	LA	YER	1, 144.	DISTANCE	FROM RD.	
SPECIES CODE	-1	2	3	4	≤5 m	>5 m	COLL
REES:							
W. Pine	A	0					
W. Spruce	A	0					
Black locust		R					
F. Co Hon word	0	(
W. Pine W. Sprue Black locus L F. Catton Wood FRAPENN	0	0					
				+-			
HRUBS:							
Gray Dogwood 100 Years So. 51 Ky Dogwood		0					
I on Mera Sp.		0		 			
Silky Donwood		0-A					
		0 7 1					
				1			
ROUND:							
Solidage S.				0-4			
TYPLATO				RA			
Poison Eun				7			
hild teasel				0-0			
				14.0			
			-				
	- - 				-		

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

ELC Polygon: #53	Asses	sment Type:	Q- V	/isual; no	acces	s / 🗆	-Walk throu	ıgh featur	е				
Extent of Physical Inv	- estigation	of Feature:	□-E	Entire / 🗆)-Partia	l, wal	k through p	oolygon <i>(ii</i>	ndicate 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 cuves]									
POTENTIAL HIBERI	NACULA	FEATURE(S)				a ovario	oned traites (n cares;					
UTM				ure Desc				Photo No. Spp. Observed Using Feature					
			·····										
								<u> </u>					
Bat Roosting Feat	ures:	Contains po □-Y* / □-N [i.e. tall tree	1/0	Unknow	vn, no a	cces	s (*if yes, d	lescribe in	table below) facing cavities	-10m hi	gh in treel		
POTENTIAL BAT RO	OSTING						<u> </u>						
UTM	Tree ID	Tree Sp	p.	DBH	Photo	No.	Decay Cl	ass (1-5)	No. of Cavities	Heigh	nt and Type of Cavities		
						•				-			
Stick Nests:			Con	tains lar '* / ロ-N	ge stiel / ⊡ -Un	nest know	s? n, no acces	ss (*if yes,	describe in tab	le belov	v)		
STICK NEST(S) IDEN	TIFIED												
UTM		Tree ID	<u> </u>	Tree Spp. Nest Size			Nest Size	Photo N	o. Spp. 6	Observe	d Using Feature		
Seeps/Springs/Ver	nal Pool		Con	tains se	eps/spr	ings/\	ernal pools	s? ss (*if ves.	describe in tab	le belov	v)		
SEEP/SPRING/VER	NAL POO						,	, , , , , , ,			,		
UTM	Fea	ture No. & Ty	pe	Feature (Diame	I .	Wat	ter Depth	Photo No	Sub/Emerger Spp. Prese		Shrubs/ Logs at Edge Present?		
		······································	-										
						_							
SPECIES & HABITAT	OBSERV	ATIONS (list	spec	ies and 1	type of	observ	vation & inc	dicate on r	าเลเา)				
			Spec	ico uno (урсог	00301	ration of the	aicate on i	пар)				
					•						=""		
100		· · · · · · · · · · · · · · · · · · ·	-	41 .			.1 =						

Stantec Project Number	Canada N1G 4P5 Tel: (519) 836-6050 Fax: (519) 836-2493	rold		nd & Wildlif sessment F	e Habitat orm
Date:		0269	Project Name	70,700	
Date		7167	Field Personnel	: <u>M. Ror</u>	5
Veather Conditions:	TEMP (°C):	3 WIND:	CLOUD: So Hazy	PPT: Nent	PPT (in last 24 hrs):
			POLYGON DES		
	POLYGON:		TOPOGRAPHIC I		HISTORY
ELC COMMUNITY DESCRIPTION & CLASSIFICATION	START TIME: 2 \ (4) END TIME: 3 \ S	,	☐ LACUSTRINE ☐ RIVERINE ☐ BOTTOMLAND ☐ TERRACE ☐ VALLEY SLOPE ☐ JABLELAND ☐ ROLL. UPLAND ☐ CLIFF	☐ TÁLUS ☐ CREVICE / CAVE ☐ ALVAR ☐ ROCKLAND ☐ BEACH / BAR ☐ SAND DUNE ☐ BLUFF	EMATURAL E D CULTURAL
STAND DESCRIP	TION:	SPE (>>MUCH GR	CIES IN ORDER OF DE	DECREASING DOM	INANCE
1 CANOPY	2 2	E Cotto	wood	ATEN INAN; - AD	OUT EQUAL (O)
2 SUB-CANOPY	-1312	ULMAME	>R>FRAPEN	NYSALIYS	1
3 UNDERSTORE	- 1 - 3	Gray Do	gwood > loni	iera Sp	
4 GRD. LAYER IT CODES: VR CODES:	1=>25m 2=10<	19104+ HT=25m 3=2 <ht: <cvr=10% 2="10</th"><th><u>7 = Reed Canar</u> <10m</th><th>5<ht≤1m 6="0.2<HT<</th"><th>0.5m 7=HT<0.2m</th></ht≤1m></th></cvr=10%></ht: 	<u>7 = Reed Canar</u> <10m	5 <ht≤1m 6="0.2<HT<</th"><th>0.5m 7=HT<0.2m</th></ht≤1m>	0.5m 7=HT<0.2m
STANDING SNAGS:		6 <10	0 10 – 24	25 – 50	// >50
ABUNDANCE CODES:		N=NONE R=RAI	RE O=OCCASIONAL	A=ABUNDANT N	/O=Not observed
STAND MATURITY:	PIONEER	YOUNG	MID-AGE	MATURE	OLD GROWTH
EGETATION TYPE	Gray Dogu	may Mini	Midd Sways	CODE: SUT	2-9
COM	PLEX			CODE:	
Evidence of Distu	rbance / Notes:				
		Monne			

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 LAYER DISTANCE FROM RD. SPECIES CODE COLL. 1: 2 ≤5 m 3 >5 m TREES: A Shajbark Hit R R-0 SHRUBS: Dailera Sp 0 GROUND: TYPLATI Avamile

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

ELC Polygon: #53.	7 Asse	ssment Type:	₫ -√	, /isual; no	o access	s / 🗆	-Walk throu	igh feature	•				
Extent of Physical Inv	- restigatio	n of Feature:	O-E	intire / 🗆	I-Partial	, wa	lk through p	oolygon <i>(in</i>	dicate on map)				
Reptile / Bat Hiber	nacula I	Features:	□-Y li.e. i bridg Cont □-Y	" / □-N features the abutme tains po " / □-N	/ 🖳 Unk hat would ents or cul tential b / 🕮 Unk	now proviverts at hi	/ide a route in with cracks/i bernacula f	ss (*if yes, nderground, entry points eatures? ss (*if yes,	describe in table including buried of	concrete vices or	or rock (e.g. foundat inactive animal burro	ions. ows)]	
POTENTIAL HIBER	NACULA	FEATURE(S	IDE	NTIFIE	D								
UTM		Feature Description						Photo No	o. Spp. C	bserve	d Using Feature		
								<u> </u>					
		······						<u> </u>					
						11.00						=0(
Bat Roosting Feat		[i.e. tall tre	l / 🖵 es wil	Unknov th open	vn, no ac surroun	cces	s (*if yes, d	escribe in	table below) acing cavities ~	10m hi	gh in tree]		
POTENTIAL BAT RO	OSTING	FEATURE(S) IDE	NTIFIE	D								
UTM	Tree ID	Tree Sp	p <u>.</u>	DBH	Photo	No.	Decay Cla	ass (1-5)	No. of Cavities	Heigh	tht and Type of Cavities		
											WINT		
												-	
00:111													
Stick Nests:			Con	tains lar * / ロ-N	ge stick / 🖭-Unk	nest now	ts? n, no acces	s (*if yes,	describe in tabl	e belov	v)		
STICK NEST(S) IDEN	TIFIED												
UTM		Tree ID		Tree Spp. Nest Size			Photo No. Spp. Observed Using Fea						
			<u> </u>										
										<u> </u>			
		Mary The State of the State of			- mining								
Seeps/Springs/Ver	nal Poo	ls:	Cont	tains se	eps/sprii	ngs/\	vernal pools	? 	describe in table		.a		
SEEP / SPRING / VER	NAL PO	OL FEATURE	(S) II	DENTIE	LED	HOW	n, no acces	s ("Il yes,	describe in table	e belov	<u>//</u>		
			T	Feature					Sub/Emergen	t Veg.	Shrubs/ Logs at E	dge	
UTM	Fe	ature No. & T	pe	(Diame		Wa	ter Depth	Photo No	Spp. Prese		Present?	,uge	
			_										
			_										
										-			
SPECIES & HABITAT	OBSER	VATIONS (list	spec	ies and t	ype of o	bser	vation & inc	licate on n	іар)			1	
												19	
											1.5	ř.	
Arrearcass: DP=distinctiv	re parts: Fl	Feeding evide	ice: F	Y≔eggs/i	nest: 110=	hous	e/den; OB=o	bserved: SC	-scat: Slyother si	zn: TK	track: VO -vocalizati	ion	
		-		475.				/					

9	
4	
	Stantec

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

Stantec Consulting Ltd. Coll. Tile 53; Roadside ELC, Guelph, ON Canada N1G 4P5 Poly 53-Woodland & Wildlife Habitat **Assessment Form**

Stallock					
Project Number:	60950	269	Project Name:	NRW	
Date:	July 5/	12	Field Personnel:	M.Ross	
Veather Conditions:	TEMP (°C):	WIND:	ED Harry	PPT:	PPT (in last 24 hrs

		POLYGON DESCRIPTION	N DESCRIPTION					
		TOPOGRAPHIC FEATURE	HISTORY					
ELC	POLYGON: 53 - 4		CE / CAVE					
COMMUNITY	START TIME: 2:55	D BOTTOMLAND D ALVAR D TERRACE D ROCKL D VALLEY SLOPE D BEACH	AND I/BAR					
CLASSIFICATION	END TIME:	TABLELAND SAND (CROLL. UPLAND BLUFF CLIFF	DUNE					

STAND DESC	RIPTION:					
LAYER	ŀ	T CVR	SPEC (>>MUCH GRE	IES IN ORDER OF ATER THAN: >GR	DECREASING DON EATER THAN; = A	MINANCE BOUT FOUAL TO
1 CANOI	PY (2 4	QUEMACI		RA = UL MAM	0/20/1/
2 SUB-CAN	IOPY [3 4	ACERU	BR > Strayba	-K = 1/1 MAA	-P- RODAR
3 UNDERST	OREY Z	13	Gray Doga	1 > D J/T	nbust >7 5 (c)	L 15-9
4 GRD. LA	YER S	7 3	PHADEUN	1-STALR	ASTUPIAT	- 1
IT CODES:	1=> 0=N	25m 2=10< IONE 1=0%	HT≤25m 3=2 <ht≤1 CVR≤10% 2=10<0</ht≤1 	0m 4=1 <ht≤2m 5="0<br">CVR≤25% 3=25<cvr< td=""><td>0.5<ht≤1m 6="0.2<HT</td"><td>≤0.5m 7=HT<0.2m</td></ht≤1m></td></cvr<></ht≤2m>	0.5 <ht≤1m 6="0.2<HT</td"><td>≤0.5m 7=HT<0.2m</td></ht≤1m>	≤0.5m 7=HT<0.2m
STANDING SNA	GS:		O <10	○ 10-24	0 25 - 50	>50
ABUNDANCE COD	ES:	1	N=NONE R=RARE	O=OCCASIONAL	A=ABUNDANT N	N/O=Not observed
STAND MATUR	ITY: PION	IEER	YOUNG	MID-AGE	MATURE	OLD GROWTH
					41.1	II Jose Skowin

VEGETATION TYPE: F-M Oak - Maple Decilhous Fores COMPLEX CODE:

Evidence of Disturbance / Notes:

Sosp

ABUNDANCE CODES: N=NONE R=RAF	T-18-	LA	YER	T. 1.19	DISTANCE	FROM RD.	100
	21.0	2	3	4	≤5 m	>5 m	COLL
TREES:				1.2			
QUEMACK	A						
QUEACRA	0						
ACERUOR	§5	O/A					1
QUERUBR	R						
Shagbark HiK	120	0		1			
Ofin Oak	R-0						
ACE FREE		10					_
ULMAMER	0	0					
FRAPENN		0		1			
				 		V	-
		 	_		 		
		 		 			
HRUBS;		_		 			
Gan Doglused		1001	0-A-	191			<u> </u>
Rutton Dodust		·		 			
Salix Sp		 -	8		-		
-22(1) (χ - γ)			1		<u> </u>		
					 		
				-	ļ <u>-</u>		
ROUND:							
PHARUN	Carl						
				Q.A			
TYPLATI				0			
SPIA-CBA				0-4			

LAYERS: 1=CANOPY >10m

Signature:	The state of the s	Signature:	NC		•
	(Field Personnel)	7	(Pro	ject Manager)

Reptile / Bat Hibe	ernacula F		Y* / □-N . features the fige abutmentains poor y* / □-N	hat would provents or culverts tential bat hi	n, no acces vide a route un with cracks/ bernacula f n, no acces	ss (*if yes, nderground, entry points eatures? is (*if yes,	describe in table including buried	concrete vices or	or rock (e.g. foundations, inactive animal burrows)]
POTENTIAL HIBEI	RNACULA I	FEATURE(S) ID	ENTIFIE	D					
UTM		Fea	ture Desc	ription		Photo No	o. Spp. C)bserve	d Using Feature
									
		······································			Winds to to a discourse				
L							***		
Bat Roosting Fea	tures:	Contains poter □-Y* / □-N / ☑ [i.e. tall trees w	≱ ∕Unknov	vn, no acces	s (*if yes, d		table below) facing cavities ~	10m hí	gh in tree]
POTENTIAL BAT R	OOSTING	FEATURE(S) ID	ENTIFIE	D					
UTM	Tree ID	Tree Spp.	DBH	Photo No.	Decay Cl	ass (1-5)	No. of Cavities	Heigh	t and Type of Cavities
			_						
			<u> </u>						
Stick Nests:		Co	ntains lar Y* / □-N	ge stick nes	ts? n, no acces	ss (*if yes,	describe in tabl	e belov	v)
STICK NEST(S) IDE	NTIFIED								
UTM		Tree ID	Tree Spp. Nest Size			Photo N	o. Spp. (Observe	d Using Feature
					<u> </u>	<u> </u>			
Seeps/Springs/Ve	rnal Pools	s: Co	ntains se Y* / □-N	eps/springs/	vernal pools	s? s (*if ves.	describe in tabl	e belov	<i>(</i>)
SEEP/SPRING/VE	RNAL POO				V1	7			<u></u>
UTM	Feat	ture No. & Type	Feature (Diame	Wa	ter Depth	Photo No	Sub/Emerger Spp. Prese		Shrubs/ Logs at Edge Present?
·									
SPECIES & HABITA	T OBSERV	ATIONS (list spe	ecies and	type of obser	vation & inc	dicate on n	nap)		
				V F					
									0
									F
									91
									1.5
CA=carcass: DP=distinc	tive parts: FL	feeding evidence:	FY=eggs/	nest; HO=hou	se/den; OB/#o	bserved: St	: scat; SI=other si	gn; TK	track: VO -vocalization

ELC Polygon: #S≥- ⊈ Assessment Type: ☐-Visual; no access / ☐-Walk through feature

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

:01609Acive\160950269planning\dawing\mxd\20120423_NHA_Fieldmaps\160950269_Release_17_ELC_Collector Map_Book_20120|

4	Stantec	1 – 70 Guelp Canad Tel: (5 Fax: (0 South oh, ON da N10 519) 83 (519) 83	6-6050 36-2493	rold &	THE 54, R 54-IWoodla Ass	oadside EL0 nd & Wildlife sessment Fo	Habitat
	Project Number:	· <u>16</u>	00	5 62	69	Project Name:	NewC	
	Date		July	5/1	2.	Field Personnel:	M.Ross	
V-	eather Conditions:		EMP (t):	WIND:	So Hazy	PPT: Nanc	PPT (in last 24 hrs):
						POLYGON DES		
-						TOPOGRAPHIC F	EATURE	HISTORY
	ELC POLYGON:			4 -	1	☐ LACUSTRINE ☐ RIVERINE ☐ BOTTOMLAND	☐ TALUS ☐ CREVICE / CAVE ☐ ALVAR	NATURAL CULTURAL
	COMMUNITY DESCRIPTION & END TIME:			10:	2.7 r.35	DIABLELAND	☐ ROCKLAND ☐ BEACH / BAR ☐ SAND DUNE ☐ BLUFF	
37	AND DESCRIP	TION	l:					
_	LAYER		нт	CVR	SPECI (>>MUCH GRE	ES IN ORDER OF D ATER THAN; >GRE	ECREASING DOMI	NANCE OUT EQUAL TO)
1	CANOPY							
2	SUB-CANOP	Y						
3	UNDERSTORE	Y						······································
4	GRD. LAYER	. 11	-6	4	Reed Canon		10 > Tease	.1
	CODES: R CODES:	1= 0=	=>25m =NONE	2=10< 1=0%	HT≤25m 3=2 <ht≤10 <cvr≤10% 2="10<C</td"><td>om 4=1<ht≤2m 5="0.9<br">VR≤25% 3=25<cvr≤< td=""><td>5<ht≤1m 6="0.2<HT≤0<br">50% 4=CVR>60% N/</ht≤1m></td><td>0.5m 7=HT<0.2m O=not observed</td></cvr≤<></ht≤2m></td></cvr≤10%></ht≤10 	om 4=1 <ht≤2m 5="0.9<br">VR≤25% 3=25<cvr≤< td=""><td>5<ht≤1m 6="0.2<HT≤0<br">50% 4=CVR>60% N/</ht≤1m></td><td>0.5m 7=HT<0.2m O=not observed</td></cvr≤<></ht≤2m>	5 <ht≤1m 6="0.2<HT≤0<br">50% 4=CVR>60% N/</ht≤1m>	0.5m 7=HT<0.2m O=not observed
ST.	ANDING SNAGS:				M <10	N 10-24	25 - 50	>50
18	JNDANCE CODES:			N	=NONE R=RARE	O=OCCASIONAL	A=ABUNDANT N/	O=Not observed
	AND MATURITY:		ONEER	- 11	YOUNG	MID-AGE	MATURE	OLD GROWTH
/E	GETATION TYPE	Ree	d Ca	امسم	Grass Min	. Mendow Mar	GODE MAM 2.	
	COMI						CODE:	

Evidence of Disturbance / Notes:

No Surface hater observed

ABUNDANCE CODES: N=NONE R=RARE SPECIES CODE	O=OCCASI	ONAL A	YER	DANT (=GROUND (D=DOMINAN DISTANCE	T N/O=Not	observe
그리고 하는 그 그 그 아이에 가장 맛이 얼마 없었다. 그 생생님이 없다.	(A)	2	3	4	≤5 m >5 m		COLL
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Solilano G				DO		-	
Wild Trasel				R	~		
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	+						
A		Quality	Control	Thic for	n in as :		
gnature:					n is complete	e u & legible	Œ.
7 50		Siç	gnature:				
(Field Personnel)				7	(Project N	(anager)	

ELC Polygon: # 59	/ Asse	ssment Type	: 📭	Visual; n	o acces	s / 🗆	l-Walk throu	ugh featui	re		
Extent of Physical Inv	estigatio/	n of Feature:	Q-8	Entire / 🗆]-Partial	l, wa	lk through p	oolygon (ii	ndicate on map)	
Reptile / Bat Hiber	nacula I	eatures:	[i.e. brid Cor	/* / @=N features to ge abutmo ntains po /* / @=N	/ □-Unk hat would outs or ou tential b / □-Unk	(now I providents liverts lat hi (now	vide a route us with eracks/ ibernacula 1	ss (*if yes nderground entry point features? ss (*if yes	, <i>describe in ta</i> I, including buric	l concrete evices or	or rock (e.g. foundation inactive animal burrows
POTENTIAL HIBER	NACULA	FEATURE(S							7.5		
UTM			Feat	ture Desc	cription			Photo N	o. Spp.	Observe	d Using Feature
								<u> </u>			
				***************************************	·						100 - 1 - Investment - Investment
Bat Roosting Feat		[i.e. tall tre	i/ 🗆 es wi	-Unknowith open	vn, no a surroun	cces	s (*if yes, d	lescribe in	table below) facing cavities	~10m hí	gh in tree]
POTENTIAL BAT RO				_			1				
UTM	Tree ID	Tree Sp	р.	DBH	Photo	No.	Decay Cl	ass (1-5)	No. of Cavitie	Heigh	nt and Type of Cavitie
											THE PROPERTY OF THE PROPERTY O
Stick Nests:			Con	itains lar ′* / ᠒-Ń	ge stick / ロ-Unk	nest	ts? n, no acces	s (*if yes,	describe in ta	ble belov	w)
STICK NEST(S) IDEN	TIFIED							,			
UTM		Tree ID		Tree	Spp.		Nest Size	Photo N	o. Spp.	Observe	ed Using Feature
						·					
										·	
Seeps/Springs/Ver	nal Pool	s:	Con	tains see	eps/spri	ngs/\	vernal pools	s? s (*if yes,	describe in ta	ole belov	v)
SEEP / SPRING / VER	NAL POC	L FEATURE	(S) I	DENTIF	TED						
UTM	Fea	ture No. & T	pe	Feature (Diame		Wat	ter Depth	Photo No	Sub/Emerg Spp. Pre		Shrubs/ Logs at Edg Present?
			十							***************************************	
PECIES & HABITAT	OBSERV	ATIONS (list	spec	ies and t	ype of o	bser	vation & inc	dicate on 1	niap)		
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Arreareass: DPridistinctiv	e narty ble	. leading exists	neer to	Vizaniele	met: HO	ham	uthan OP	har some rate Co	Samuel Million Co.		1 1/2

Stantec	Stantec Consult 1 – 70 Southgate Guelph, ON Canada N1G 4P Tel: (519) 836-60 Fax: (519) 836-2		√ ∠ Woodla	oadside EL nd & Wildlife sessment F	e Habitat
Project Number:	60950	1269	Project Name:	NRWC	
Date	July	5/0	Field Personnel:	10100	, 50
Veather Conditions:	TEMP (°C):	3 WIND	So flate	PPT: Name	PPT (in last 24 hrs):
			POLYGON DES	CRIPTION	
	DOL VOON	What was a second of the secon	TOPOGRAPHIC F	The same of the sa	HISTORY
COMMUNITY	POLYGON: 54 START TIME: END TIME:	10:57	D LACUSTRINE D RIVERINE D BOTTOMLAND D TERRACE D VALLEY SLOPE D TABLELAND D ROLL, UPLAND D CLIFF	☐ TALUS ☐ CREVICE / CAVE ☐ ALVAR ☐ ROCKLAND ☐ BEACH / BAR ☐ SAND DUNE ☐ BLUFF	☐ CULTURAL
STAND DESCRIP	TION:	CDEC			
LAYER	HT C	/R (>>MUCH GRE	ES IN ORDER OF D ATER THAN; >GRE	ECREASING DOM ATER THAN: = AR	NANCE OUT FOUND TO
1 CANOPY	2 .	1 FRA P	N>QUEKUB		POPTREM -
2 SUB-CANOPY			IN> QUEF	UD > Q =	MARCR
UNDERSTORE			rod - Red	- Han Il	200
4 GRD. LAYER	12 11 2	1 2 10 10	= A, 2 2 Re		
VR CODES:	1=>25m 2=1 0=NONE 1=	0 <ht≤25m <b="">3=2<ht≤1 0%<cvr≤10% <b="">2=10<0</cvr≤10%></ht≤1 </ht≤25m>	0m 4=1 <ht≤2m 5="0.5<br">NR<25% 3=25<0VD<6</ht≤2m>	5 <ht≤1m 6="0,2<HT≤</td"><td>0.5m 7=HT<0.2m</td></ht≤1m>	0.5m 7=HT<0.2m
TANDING SNAGS:		<10	R 10-24	1//N 25 - 50	
BUNDANCE CODES:		N=NONE R=RARE	11.7	07.04	O=Not observed
TAND MATURITY:	PIONEER	YOUNG	MID-AGE	MATURE	OLD GROWTH
EGETATION TYPE	Green Asy	Mineral Dec	Swamp	G OWS: BOD	-2
COME	PLEX			CODE:	
vidence of Distu	rbance / Note	es:			
		Monare			

ABUNDANCE CODES: N=NONE R=RAF	11.4	LA	YER	15-	DISTANCE		
or Ecies Cope	1	2	3	4	≤5 m	>5 m	COLL
REES:		1					
FRA PENIN	A	A					
OUERUR	Ø	Ø					
QUE MACR		RO		 	 		
NG MIGH	RO	1 10		<u> </u>	1		
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Shapak Wickon	0			 	 		-
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Gran Dogwood			0	 		-	
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	-1-+						
							

(Project Manager)

(Field Personnel)

Reptile / Bat Hibe	rnacul	a Fe	atures:	[i.e. brid	/* / □-N features t ge abutmo ntains po	/ 🖭 - Ún hat woul outs or cu tential l	know d prov ilverts oat hil	ide a route u with cracks/ bernacula	ss (*if yes, inderground, /entry points features?	describe in table including buried of	concrete vices or	or rock (e.g. foundations inactive animal burrows)
			,	Įi.e.	karst tope	graphy,	abund	oned mines	or caves			*/
POTENTIAL HIBER UTM	NACUI	LA FI	EATURE(S)		ture Desc				Photo No	Spp. C) beense	d Using Feature
				104	ure Desc	.r iption			1 11010 140	. эрр. с	ousei ve	u Osing Feature
Bat Roosting Feat	ures:		Contains p □-Y* / □-N [i.e. tall tree	1/0	-Unknov	n, no a	cces	s (*if yes, c	describe in	table below) acing cavities ~	10m hi	ah in treel
POTENTIAL BAT RO		NG F	EATURE(S	IDI (D						
UTM	Tree	ID	Tree Sp	р.	DBH	Photo	No.	Decay Ci	ass (1-5)	No. of Cavities	Heigh	nt and Type of Cavities
Stick Nests:				Cor U-Y	itains lar ∕* / ロ-N	ge stick / 📴-Unl	nest know	s? n, no acces	ss (*if yes,	describe in tabl	e belov	v)
STICK NEST(S) IDEI	NTIFIE		r . ID						1			
UTM			ree ID		Tree	Spp.		Nest Size	Photo No	o. Spp. C	Observe	ed Using Feature
Seeps/Springs/Ve	rnal Po	ools:		Con	tains se '* / □-N	eps/spr	ings/v knowr	ernal pool	s? ss (*if yes,	describe in tabl	e belov	v)
SEEP / SPRING / VEI	RNAL P	OOL	FEATURE	(S) I	DENTIF	TED						
UTM		Featu	re No. & Ty	ре	Feature (Diame		Wat	ter Depth	Photo No	Sub/Emerger Spp. Prese		Shrubs/ Logs at Edge Present?
				士								
									<u></u>			
SPECIES & HABITA	T OBSE	RVA	TIONS (list	spe	cies and	ype of o	bserv	ation & in	dicate on n	ıap)		
												100

ELC Polygon: #54-2 Assessment Type: ☑-Visual; no access / □-Walk through feature

Stantec	Stantec Con 1 – 70 South Guelph, ON Canada N10 Tel: (519) 83 Fax: (519) 83	gate Di 3 4P5 6-6050	Poly	Tile 54, R 54-3Woodlan Ass	oadside EL0 nd & Wildlife sessment Fo	C, e Habitat orm
Project Number:	60	795	0269	Project Name:	NRWS	
Date:	Juli	,5/	12	Field Personnel:		
Veather Conditions:	TEMP (°	CJ:	WIND:	So Haze	PPT:	PPT (in last 24 hrs):
				POLYGON DES	CRIPTION	
				TOPOGRAPHIC F	EATURE	HISTORY
COMMUNITY	POLYGON: START TIME END TIME:	11	-3 :15 :21	☐ LACUSTRINE ☐ RIVERINE ☐ BOTTOMLAND ☐ TERRACE ☐ YALLEY SLOPE ☐ YABLELAND ☐ ROLL. UPLAND ☐ CLIFF	☐ TALUS ☐ CREVICE / CAVE ☐ ALVAR ☐ ROCKLAND ☐ BEACH / BAR ☐ SAND DUNE ☐ BLUFF	□ NATURAL □ CULTURAL
STAND DESCRIP	TION:					
LAYER	нт	CVR	SPEC	IES IN ORDER OF D ATER THAN; >GRE	ECREASING DOM	NANCE
1 CANOPY				THE THAT I ONL	ATER ITIAN, - AD	OUT EQUAL TO)
2 SUB-CANOPY						
3 UNDERSTORE	Y					
4 GRD. LAYER	4-6	4	Troba la	folio > Texa	Sel >) 00 Pm	e weed
IT CODES: VR CODES:			HT≤25m 3=2 <ht≤1 6<cvr≤10% 2="10<0</td"><td>Om 4=1<hts2m 5="0.5<br">CVRs25% 3=25<cvrs< td=""><td>5<ht≤1m 6="0.2<HT≤0</td"><td>0.5m 7=HT<0.2m</td></ht≤1m></td></cvrs<></hts2m></td></cvr≤10%></ht≤1 	Om 4=1 <hts2m 5="0.5<br">CVRs25% 3=25<cvrs< td=""><td>5<ht≤1m 6="0.2<HT≤0</td"><td>0.5m 7=HT<0.2m</td></ht≤1m></td></cvrs<></hts2m>	5 <ht≤1m 6="0.2<HT≤0</td"><td>0.5m 7=HT<0.2m</td></ht≤1m>	0.5m 7=HT<0.2m
STANDING SNAGS:			<10 <10 €	N 10-24	25 - 50	M >50
ABUNDANCE CODES:		1	N=NONE R=RARE	O=OCCASIONAL	A=ABUNDANT N/	Ó≕Not observed
STAND MATURITY:	PIONEER		FOUNG	MID-AGE	MATURE	OLD GROWTH

Mineral Shellow

MATURE

CODE:

CODE: MAS 3

OLD GROWTH

COMPLEX Evidence of Disturbance / Notes:

VEGETATION TYPE: Cattail

					FROM RD.	
1	2	3	4	≤5 m	>5 m	COLL
		1	1			
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	- 1	. !		- 1	1	1
				1 2 3 4	1 2 3 4 S5 m	1 2 3 4 S5m >5m

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

ELC Polygon: #	Asse:	ssment Type:	∰-Visual; r	o acce	ess / 🗆	I-Walk thro	ugh feature	•		
Extent of Physical In	vestigatio	n of Feature:	□-Entire / (⊒-Parti	ial, wa	lk through p	oolygon <i>(in</i>	dicate on map)		
Reptile / Bat Hibe	rnacula F	eatures:	fi.e. features bridge abutm Contains po	that worents or optential	Inknow uid provents Libat hi nknow	n, no acces vide a route u with eracks/ ibernacula i n, no acces	ss (*if yes, inderground, fentry points, features? ss (*if yes,	describe in table including buried of the following bu	concrete vices or	or rock (e.g. foundations inactive animal burrows)
POTENTIAL HIBER	NACULA	FEATURE(S)			, aoxuit	ioned mines (n caves ₁			
UTM			Feature Des	criptio	n		Photo No	. Spp. C	bserve	d Using Feature
Bat Roosting Feat		□-Y* / □-N [i.e. tall tree	s with open	wn, no surrau	acces	s (*if yes, d	lescribe in Scm, side-fa	table below) acing cavities ~	10m hi	gh in tree]
POTENTIAL BAT ROUTM	Tree ID	FEATURE(S) Tree Spi			to No.	Decay Cl	oss (1-5)	No. of Cavities	Haigh	t and Type of Cavities
		11000	J. DDR	1100	0 110.	Decay Ci	495 (1-3)	ivo. of Cavities	Heigh	it and Type of Cavities
						ļ				
				l						
Stick Nests:			Contains la □-Y* / □-N	rge stie / ⁄⊒-Uı	ck nes nknow	ts? n. no acces	ss (*if ves. i	describe in tabl	e belov	v)
STICK NEST(S) IDEN	TIFIED						, , , , , , ,			·
UTM		Tree ID	Tree	Spp.		Nest Size	Photo No	. Spp. C	bserve	d Using Feature
Seeps/Springs/Ver	nal Pools	S:	Contains se □-Y* / □-N	eps/sp	orings/	vernal pools	s? ss (*if ves. o	describe in table	e belov	v)
SEEP/SPRING/VER	NAL POO	L FEATURE	(S) IDENTII	FIED			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	111	- 50101	
UTM	Fea	ture No. & Ty	pe Feature (Diam		Wa	ter Depth	Photo No.	Sub/Emergen Spp. Prese		Shrubs/ Logs at Edgo Present?

SPECIES & HABITAT	OBSERV	ATIONS (list	species and	type of	obser	vation & inc	dicate on m	(n)		
		ATTO (IIST	species and	type or	ODSCI	vation of in	uicate on an	ар)	·····	
										59

CAmeurcass: DPmdistinctive parts: FEmilieding evidence: FYmeggs/nest: HOmhouse/den; OBmobserved: SC scat: Shother sign: TK-mack: VOmvocalization

Stantec	Stantec Cor 1 – 70 South Guelph, ON Canada N10 Tel. (519) 83 Fax: (519) 8	igate Driv G 4P5 16-6050	Ltd. Coll. Poly	Tile 54', F 54-4Woodla As	Roadside E nd & Wildli sessment I	te Habitat
Project Number	160	950	269	Project Name	: NAQU	N-
Date		vh	5/12	Field Personnel	MRS	<u> </u>
Veather Conditions:	TEMP (* 28	(C):	3 MIND	cloup: 50 Hazi	PPT:	PPT (in last 24 hrs)
				POLYGON DES	SCRIPTION	
				TOPOGRAPHIC I	FEATURE	HISTORY
COMMUNITY DESCRIPTION & CLASSIFICATION	POLYGON: START TIM END TIME:	54	4 25 40	☐ LACUSTRINE ☐ RIVERINE ☐ BOTTOMLAND ☐ TERRACE ☐ YALLEY SLOPE ☐ TABLELAND ☐ ROLL. UPLAND ☐ CLIFF	☐ TALUS ☐ CREVICE / CAV ☐ ALVAR ☐ ROCKLAND ☐ BEACH / BAR ☐ SAND DUNE ☐ BLUFF	GNATURAL /E □ CULTURAL
STAND DESCRIP	TION:					
LAYER	нт	CVR	SPE (>>MUCH GR	CIES IN ORDER OF I	DECREASING DO	MINANCE BOUT FOUAL TO
1 CANOPY	2	2	FRAPE		(4)>> UL	M AMER
2 SUB-CANOP		2	SACI	X 50	1	
3 UNDERSTORE		3		Dawood > Sa	liv	
4 GRD. LAYER		2=10.4	Keed	Canon > Solid	age > 14p	LATI
VR CODES:	0=NONE	1=0%<	:CVR≤10% 2=10	≤10m 4=1 <ht≤2m 5="0<br"><cvr≤25% 3="25<CVR≤</td"><td></td><td>ſ≤0.5m 7=HT<0.2m N/O=not observed</td></cvr≤25%></ht≤2m>		ſ≤0.5m 7=HT<0.2m N/O=not observed
STANDING SNAGS:		П	O <10	10-24	25 - 50	>50
ABUNDANCE CODES:		N:	NONE R=RA			N/O=Not observed
STAND MATURITY:	PIONEER		YOUNG	MID-AGE	MATURE	OLD GROWTH
JEGETATION TYPE	Red	ann	y Grass	Mineral Meadow	CODE: MAM	2-2
COM	PLEX	200	Gray Dogs	road Min.	CODE: SW7	2-9
Evidence of Distu	ırbance / N	lotes:	Thick!	Swamp		

ABUNDANCE CODES: N=NONE R=RAR		LA	YER	11.	DISTANCE	FROM RD.	0.5
SPECIES CODE	1	2	3	4	≤5 m	>5 m	COLL
TREES:	19.		0.1				
FRAPENN Salis Fr Ulm AMER	0					7	-
5,112 5,	0	A	 	 -	1		
UM AMER	R		 		 		<u> </u>
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			 		 -		
			 -		 		
					 		
SHRUBS:		T 1	 				
Gra Dogwood			A			- 2	
Salvy Se			0		 		
			 		 		
			— —		 		
					 		
					h		
ROUND:				74	 		
Reed Canary Typ. LATT Solverge Sp				A		. ,	
TUP. LATI				-/-	 -	/	
Solidon So				0-A	 -		
d F				<u> </u>	-		
							
	- - 				 -		
			+				
		-					

Signature:	Miss	Quality Control:This formula complete & legible . Signature:
	(Field Personnel)	(Project Manager)

ELC Polygon: #54	4 A	ssess	ment Type:		/isual; no	o access	s / 🗖	-Walk throu	igh featur	е				
Extent of Physical In	– vestiga	ation	of Feature:	□-E	Entire / 🗆	I-Partial	, wal	k through p	olygon <i>(ii</i>	ndicate d	on map)			
Reptile / Bat Hiber	rnacu	la Fe	eatures:	□-Y li.e. brid; Con □-Y	'* / □-N . features the ge abutme por itains por '* / □-N .	/ @-Unk hat wonlo hats or cu tential b / @-Unk	(now) I prov Iverts at his	e hibernacul n, no acces ride a route ur with cracks/o bernacula fo n, no acces oned mines o	is (*if yes, aderground entry points eatures? is (*if yes,	describ , includin s, exposed	g buried c Frock crev	onerete lices or i	or rock (e.g. found inactive animal bu	lations. irrows)]
POTENTIAL HIBER	NACU:	LA F	EATURE(S)											
UTM				Feat	ure Desc	ription			Photo N	0.	Spp. O	bserve	Using Feature	
Bat Roosting Feat	ures:		Contains po □-Y* / □-N (i.e. tall tree	1/0	-Unknow	vn, no a	cces	s (*if yes, d	escribe in	table be	elow) avities ~	10m hig	gh in tree]	
POTENTIAL BAT RO			1		NTIFIE									
UTM	Tree	ID	Tree Sp	р.	DBH	Photo	No.	Decay Cla	ass (1-5)	No. of	Cavities	Heigh	t and Type of C	avities
	!												to=#*	
													· · · · · · · · · · · · · · · · · · ·	
Stick Nests:				Con	tains lar	ge stick / 望-Unk	nest	s? n, no acces	s (*if yes,	describ	e in table	e belov	<i>'</i>)	
STICK NEST(S) IDEN	TIFIE								1 =					
UTM			Tree ID		Tree	Spp.		Nest Size	Photo N	0.	Spp. C	bserve	d Using Feature	

						0	,							
Seeps/Springs/Ver	nal P	ools						vernal pools		describ	e in table	e below	·)	
SEEP/SPRING/VER	NAL F	,00r	FEATURE	(S) I	DENTIF	TED								
UTM		Featı	ire No. & Ty	ре	Feature (Diame	- 1	Wa	ter Depth	Photo No		Emergen op. Prese		Shrubs/ Logs a Present	
SPECIES & HABITAT	OBSI	ERVA	TIONS (list	spec	ies and t	type of o	bser	vation & inc	dicate on 1	nap)				
														1
														2, 1
														1
														()

CArreareass: DPredistincti	ve parts	: Flb. :	feeding evider	ice: I	·Y=eggs/i	nest: HO	=hous	se/den: OBo	bserved: S	C ¹ scat: S	l∺other si	gn: TK	track: VO_vocafi	zation

Stantec	1 – 7 Guell Cana Tel: (0 South ph. ON ida N10 519) 83	nsulting gate Driv 3 4P5 6-6050 36-2493	Ltd. Coll.	. Ti 54	AAOOGIA	oadside EL(nd & Wildlife sessment Fo	Habitat
Project Number	:	16	095	0760		Project Name:	NAIL	
Date	-		Joh,	5/13		Field Personnel:	Makes	55
Veather Conditions:	5	FEMP (°C).	3 WIND		CLOUD:	PPT: None	PPT (in last 24 hrs):
						POLYGON DES		П
						TOPOGRAPHIC F	EATURE	HISTORY
ELC COMMUNITY DESCRIPTION & CLASSIFICATION		GON:	24	- <i>S</i> : 43 : 48		VALLEY SLOPE	☐ TALUS ☐ CREVICE / CAVE ☐ ALVAR ☐ ROCKLAND ☐ BEACH / BAR ☐ SAND DUNE ☐ BLUFF	E∕NATURAL □ CULTURAL
STAND DESCRIP	TION	l:						
LAYER		нт	CVR	SI (>>MUCH	PECIE:	S IN ORDER OF DIER THAN: >GRE	ECREASING DOMI ATER THAN; = AB(NANCE
1 CANOPY								OT EGUAL TO)

	LAYER	нт	CVR	SPECIE (>>MUCH GREA	S IN ORDER OF DATE	ECREASING DO	WINANCE BOUT EQUAL TO)
1	CANOPY					ATTEN TIME, - AL	BOOT EQUAL TO)
2	SUB-CANOPY						
3	UNDERSTOREY	3		Gray Dogu	mad		
4	GRD. LAYER	4	4	TYPIATI	1000		
:VI	CODES: R CODES: ANDING SNAGS:	1=>25m 0=NONE	2=10 <h 1=0%<</h 	IT≤25m 3=2 <ht≤10 CVR≤10% 2=10<c\< th=""><th>m 4=1<ht≤2m 5="0.<br">/R≤25% 3=25<cvr≤ 10 - 24</cvr≤ </ht≤2m></th><th>60% 4=CVR>60% I</th><th>N/O=not observed</th></c\<></ht≤10 	m 4=1 <ht≤2m 5="0.<br">/R≤25% 3=25<cvr≤ 10 - 24</cvr≤ </ht≤2m>	60% 4=CVR>60% I	N/O=not observed
IBI	INDANCE CODES:		N	=NONE R=RARE	0=OCCASIONAL	25 – 50 A=ABUNDANT	>50 NO=Not observed
ST/	AND MATURITY:	PIONEER		YOUNG	MID-AGE	MATURE	OLD GROWTH
/E	GETATION TYPE:	atta.1	Min	eal Shallow	Marsh	CODE: MAS	2-1
$oxed{oxed}$	COMPLE					CODE:	

Evidence of Disturbance / Notes:

LAYERS: 1=CANOPY >10m 2=SUB-C ABUNDANCE CODES: N=NONE R=RARE		LA	YER	DISTANCE	FROM RD.		
SPECIES CODE	13 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2	3	4	≤5 m	>5 m	COLL
TREES:	3		79,5	2 97	11 11 11 11	70111	2 1,525
				1-			-
				1	1		
							-
					1		
							
							
							
							-
HRUBS:	10 H 24	Q (2					-
Tran Dogwood		-	0				
/ 0							
						-	
ROUND:							
TYP LATI				Δ			
					101		
		\Box					
		T					
	\perp	I					
- 11		\bot					

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

ELC Polygon: #54-	-S Ass	essment Type: 🛭	-Visual; n	o access	/ a	-Walk throu	ugh featur	е		
Extent of Physical Inv	– vestigati	on of Feature: 🛘	-Entire / C	⊒-Partial,	wal	k through p	oolygon <i>(ii</i>	ndicate on map)		
Reptile / Bat Hiber	nacula	[j.	-Y* / □-N e. features t idge abutmo ontains po -Y* / □-N	/ □-Unki hat would ents or each otential ba / □-Unki	provincents at his	ide a route m with cracks/ bernacula f	ss (*if yes, nderground entry point features? ss (*if yes,	describe in table, including buried of	concrete vices or	or rock (e.g. foundations, inactive animal burrows)]
POTENTIAL HIBERI	NACULA									
UTM		Fe	ature Des	cription			Photo N	o. Spp. C	bserve	d Using Feature
						······································				
										- t
Bat Roosting Feat			2-Unknow with open	wn, no ac surround	ces	s (*if yes, d	<i>lescribe in</i> icm, side-	<i>table below)</i> facing cavities ~	10m hi	gh in tree]
POTENTIAL BAT RO			T	7	Y -	D	(1.5)	N 60 111	1	177 40 11
UTM	Tree I	D Tree Spp.	DBH	Photo N	NO.	Decay Cla	ass (1-5)	No. of Cavities	Heigh	t and Type of Cavities

Stick Nests:			ontains lai -Y* / □-N	rge stick i / 🗓 Unkr	nest	s? n, no acces	ss (*if yes,	describe in tabl	e belov	v)
STICK NEST(S) IDEN UTM	TIFIED	Tree ID	Two	- Con		Nest Size	Dhasa Ni	S (<u> </u>	4 II.: E4
UTW		Tree ID	1 ree	Spp.		Nest Size	Photo N	0. Spp. C	observe	d Using Feature
Seeps/Springs/Ver		<u> </u>	-Y* / □-N	/ 💁 Únkr	gs/v	vernal pools	s? ss (*if yes,	describe in tabl	e belov	v)
SEEP/SPRING/VER	NAL PO	OOL FEATURE(S)		- 1			T	C. L.E.	- 4 T 7	
UTM	F	eature No. & Type	Feature (Diame	1	Wat	ter Depth	Photo No	Sub/Emerger Spp. Prese		Shrubs/ Logs at Edge Present?
SPECIES & HABITAT	OBSER	VATIONS (list sp	ecies and	type of ol	oser	vation & inc	dicate on 1	nap)		
										0
										#*
										n ^a
										*
A-carcass: DP-distinctiv	e parts: h	E feeding evidence	: FY=reggs/	nest: HO=	hous	se/den: OB-=c	observed: S	C -scat; Sl -other s	gn: TK	track: VO -vocalization

Stantec	Stantec Con 1 – 70 South Guelph, ON Canada N1 Tel: (519) 83 Fax: (519) 8	G 4P5 6-6050	rd Coll. Ti	Ne 54; R Woodlai Ass	oadside EL0 nd & Wildlife sessment Fo	: Habitat
Project Number:	1600	500	-69	Project Name:	NKWC	
Date:	JU	L, 5/	12	Field Personnel:	M. Ros	r
Veather Conditions:	TEMP (PC):	WIND:	So thry	PPT: Mone	PPT (in last 24 hrs):
				POLYGON DES	CRIPTION	
				TOPOGRAPHIC F	EATURE	HISTORY
COMMUNITY DESCRIPTION &	POLYGON: START TIM END TIME:	>4 E: {;}	-6 53	☐ RIVERINE ☐ BOTTOMLAND ☐ TERRACE ☐ VALLEY SLOPE ☐ TABLELAND	□ TALUS □ CREVICE / CAVE □ ALVAR □ ROCKLAND □ BACH / BAR □ SAND DUNE □ BLUFF	© MATURAL □ CULTURAL
STAND DESCRIP	TION:	CVR	SPECIE	S IN ORDER OF D	ECREASING DOMI	NANCE
		CVK	(>>MUCH GREA	TER THAN; >GRE	ATER THAN; = ABO	OUT EQUAL TO)
CANOPY SUB-CANOPY	,				e=Querubr	
UNDERSTORE			FRAPEN=	QUE MACK	= COEKUR	RTUMAN
GRD. LAYER						
T CODES: VR CODES:	1=>25m 0=NONE	2=10 <h 1=0%<</h 	IT≤25m 3=2 <ht≤10 CVR≤10% 2=10<c\< td=""><td>m 4=1<ht≤2m 5="0.5<br">/R≤25% 3=25<cvr≤6< td=""><td>6<ht≤1m 6="0.2<HT≤0</td"><td>.5m 7=HT<0.2m O=not observed</td></ht≤1m></td></cvr≤6<></ht≤2m></td></c\<></ht≤10 	m 4=1 <ht≤2m 5="0.5<br">/R≤25% 3=25<cvr≤6< td=""><td>6<ht≤1m 6="0.2<HT≤0</td"><td>.5m 7=HT<0.2m O=not observed</td></ht≤1m></td></cvr≤6<></ht≤2m>	6 <ht≤1m 6="0.2<HT≤0</td"><td>.5m 7=HT<0.2m O=not observed</td></ht≤1m>	.5m 7=HT<0.2m O=not observed
TANDING SNAGS:			○ <10	O 10-24	№ 25 – 50	√ >50
BUNDANCE CODES:		N	=NONE R=RARE	O=OCCASIONAL	A=ABUNDANT N/C	D=Not observed
TAND MATURITY:	PIONEER		YOUNG	MID-AGE	MATURE	OLD GROWTH
EGETATION TYPE	Burc	ak	Minual Dec	- Swamp	CODE: SWD 1-	2
COME			Green Ash M	Unoal Decik		-2

ABUNDANCE CODES: N=NONE R=RAR SPECIES CODE	The second secon	LA	/ER	DITCH.	DISTANCE	FROM RD.	1
SPECIES CODE	1	2	3	4	≤5 m	>5 m	COLL
TDEEC.				100		71	
FRAPENA	A	0		 	 		
ULM AMER	0	R-0			 		
QUE MACR	A	0		·	 	~	
FRAPENA ULM AMBR QUE MACR QUE RUBR	A	8		_			-
					 		-
					 	9	
					 		-
					 		
							
SHRUBS:			1				
Gray Dogwood							
1 0							
ROUND:							
	-						
						- 1	

Extent of Physical In	vestigation	of Feature:	Q -E	Entire / C	I-Partia	al, wai	k through p	oolygon <i>(ir</i>	ndicate o	n map)		
Reptile / Bat Hiber	rnacula F	eatures:	i.e. brid; Con	/* / □-N features t ge abutme ntains po /* / □-N	/ D Or hat won ents or c tential / D Or	iknow Id provulverts bat hi iknow	e hibernacu n, no acces ride a route u with eracks/ bernacula f n, no acces oned mines c	ss (*if yes, nderground entry points eatures? ss (*if yes,	describe, including cxposed	buried o	onerete vices or	or rock (e.g. foundation inactive aufmal burrows
POTENTIAL HIBER	NACULA I	EATURE(S) IDE	NTIFIE	D							
UTM			Feat	ure Desc	cription	1		Photo No	D.	Spp. O	bserve	d Using Feature
												110 110 110 110 110 110 110 110 110 110
Bat Roosting Feat		Contains p □-Y* / □-N [i.e. tall tree	es wi	-Unknov th open	vn, no surrou	acces	s (*if yes, d	lescribe in	table be	low) vities ~	10m hi	gh in tree]
POTENTIAL BAT RO		·										
UTM	Tree ID	Tree Sp	р.	DBH	Photo	No.	Decay Cl	ass (1-5)	No. of C	avities	Heigh	t and Type of Cavitie
Stick Nests:			Con	tains lar ′* / ロ-N	ge stic / Ø-Ur	k nest	s? n, no acces	ss (*if yes,	describe	in table	e belov	·)
STICK NEST(S) IDEN	TIFIED											
UTM		Tree ID	-	Tree	Spp.		Nest Size	Photo N	0.	Spp. C	bserve	d Using Feature
Seeps/Springs/Ver	nal Pools	3:	Con	tains se	eps/sp	rings/\	vernal pools	s? as (*if ves.	describe	in table	e below	1)
SEEP / SPRING / VER	NAL POO	L FEATURE					, , , , , , , , , , , , , , , , , , , ,	<u> </u>			20.01.	<u> </u>
UTM	Feat	ure No. & Ty	ре	Feature (Diame		Wat	ter Depth	Photo No		mergen p. Prese		Shrubs/ Logs at Edg Present?
											·····	
SPECIES & HABITAT	OBSERV	ATIONS (list	spec	ies and	type of	observ	vation & inc	dicate on n	nap)			
						•			F /			

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	Stantec	Stantec Co 1 – 70 South Guelph, ON Canada N1 Tel: (519) 83 Fax: (519) 8	ngate Driv G 4P5 86-6050		Woodla	oadside ELC nd & Wildlife sessment Fo	Habitat			
	Project Number:	Moogs	302	99	Project Name:	NRWC				
	Date:	JUNI			Field Personnel:	C. Pare He				
		<u> </u>			T	0				
Wei	ather Conditions:	TEMP (WIND:	CLOUD:	PPT:	PPT (in last 24 hrs):			
L_		35	-	<u> </u>	10%	none	nove			
					POLYGON DES	CRIPTION				
	TOPOGRAPHIC FEATURE HISTORY									
DI	ELC	POLYGON START TIME:	35 - IE:	\	☐ LACUSTRINE ☐ RIVERINE ☐ BOTTOMLAND ☐ TERRACE ☐ VALLEY SLOPE ☐ TABLELAND ☐ ROLL. UPLAND ☐ CLIFF	☐ TALUS ☐ CREVICE / CAVE ☐ ALVAR ☐ ROCKLAND ☐ BEACH / BAR ☐ SAND DUNE ☐ BLUFF	ØNATURAL □ CULTURAL			
ST	AND DESCRIP	TION:								
	LAYER	нт	CVR	SPECIES IN ORDER OF DECREASING DOMINANCE (>>MUCH GREATER THAN; >GREATER THAN; = ABOUT EQUAL TO						
1	CANOPY	2	4	greenage	Dunitea	20 Burgal	(>Shadlmil			
2	SUB-CANOP	Y		10/0			J			
3	UNDERSTORE	ΞΥ		10.14						
4	GRD. LAYER	1		N/a						
HT	CODES:	1=>25n	2=10<	1 1/2 -	m 4=1 <ht≤2m 5="0</td"><td>.5<ht≤1m 6="0.2<HT≤0</td"><td>0.5m 7=HT<0.2m</td></ht≤1m></td></ht≤2m>	.5 <ht≤1m 6="0.2<HT≤0</td"><td>0.5m 7=HT<0.2m</td></ht≤1m>	0.5m 7= HT<0.2m			

CVR CODES: 0=NONE 1=0%<CVR≤10% 2=10<CVR≤25% 3=25<CVR≤60% 4=CVR>60% N/O=not observed STANDING SNAGS: 10 - 2425 - 50**ABUNDANCE CODES:** N=NONE R=RARE O=OCCASIONAL A=ABUNDANT N/O=Not observed STAND MATURITY: PIONEER YOUNG MATURE OLD GROWTH CODE: SWD 2-2 **VEGETATION TYPE:** green ash Mineraldec. Swamp COMPLEX CODE:

Evidence of Disturbance / Notes:

LAYERS: 1=CANOPY > 10m 2=SUB-CANOPY 3=UNDERSTOREY 4=GROUND (GRD.) LAYER ABUNDANCE CODES: N=NONE R=RARE O=OCCASIONAL A=ABUNDANT D=DOMINANT N/O=Not observed DISTANCE FROM RD. LAYER COLL. SPECIES CODE ≤5 m >5 m 112 2 3 4 TREES: 12 0 SHRUBS: GROUND:

					11	
Signature:	ath		y Contro ignature	1	ete 🗆 & legib	ile □.
	(Field Personnel)			Project	Manager)	

Extent of Physical In		of Feature:							
Reptile / Bat Hibe	rnacula Fe		Li.e. features the bridge abutme Contains por	/ -Unknow hat would pro- ents or culverts tential bat hi / -Unknow	n; no acces vide a route un with cracks/dibernacula f in, no acces	is (*if yes, oderground, entry points, eatures? is (*if yes,	describe in table including buried c	onerete ices or i	or rock (e.g. foundations, inactive animal burrows)]
POTENTIAL HIBER	NACULA F	'EATURE(S)	IDENTIFIE	D					
UTM			Feature Desc	cription		Photo No	Spp. O	bserve	d Using Feature
Bat Roosting Fea	tures:	□-Y* / □-N		vn, no acces	ss (*if yes, d		table below)	10m bir	ch in treel
POTENTIAL BAT R	OOSTING F				15, UUII - 20	KIII, alue-i	dung cavines	10mm	an mael
UTM	Tree ID	Tree Spp		Photo No.	Decay Cl	ass (1-5)	No. of Cavities	Heigh	t and Type of Cavities
Stick Nests:			Contains lar	rge stick nes	sts?	ss (*if ves.	describe in table	e belov	v)
STICK NEST(S) IDE	INTIFIED				II .				
UTM		Tree ID	Tree	Spp.	Nest Size	Photo No	o. Spp. C	bserve	d Using Feature
Seeps/Springs/Ve	ernal Pools	5:	Contains se	eps/springs	/vernal pool	s?	describe in table	e belov	v)
SEEP / SPRING / VE	RNAL POO				(II) III = =====	., .,,	40001100 11.10011	0.00.0	
UTM	Feat	ture No. & Ty	ype Feature (Diam		ater Depth	Photo No	Sub/Emergen Spp. Prese	t Veg. ent?	Shrubs/ Logs at Edge Present?
1		***************************************							
						·			
SPECIES & HABITA	AT OBSERV	ATIONS (list	species and	type of obse	rvation & in	dicate on n	1ap)		
SPECIES & HABITA	AT OBSERV	ATIONS (list	species and	type of obse	rvation & in	dicate on n	1ap)		2 2 8
SPECIES & HABITA	AT OBSERV	ATIONS (list	species and	type of obse	rvation & in	dicate on n	1 a p)		

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

Stantec	Stantec Consulting 1 – 70 Southgate Driv Guelph, ON Canada N1G 4P5 Tel: (519) 836-6050 Fax: (519) 836-2493			Woodla	Roadside ELC and & Wildlife sessment Fo	Habitat
Project Number:	16095026	9		Project Name	: NRWC	
Date:	July 12,	2012	F	ield Personnel		
Weather Conditions:	32 (°C):	WIND:		CLOUD:	PPT:	PPT (in last 24 hrs):
			РО	LYGON DES	SCRIPTION	
			то	POGRAPHIC I	FEATURE	HISTORY
COMMUNITY	POLYGON: START TIME:	2		ACUSTRINE EVERINE OTTOMLAND ERRACE VALLEY SLOPE		MATURAL :
CLASSIFICATION	ND TIME:			ABLELAND OLL. UPLAND	☐ SAND DUNE ☐ BLUFF	

STAND DESCRIPTION:

				(>>1	IUCH GR	EAIEK	THAN; >GK	AIL	:R HAN; = A	ROU	EQUAL TO)
1	CANOPY	2	3	tre	andive	n as	om) (led	oak=Sh	asl	rack hicker
2	SUB-CANOPY			1	100 -)	,			J	
3	UNDERSTOREY			V	10						
4	GRD. LAYER			T	10						
	CODES: R CODES:								[≤1m 6=0.2 <h] 4=CVR>60%</h] 		
ST.	ANDING SNAGS:			N	<10	N	10 - 24	۲	25 – 50	ll M	>50
ABI	UNDANCE CODES:		N	I=NONE	R=RAF	RE O=	OCCASIONAL	A=	ABUNDANT	N/O=I	Not observed
ST	AND MATURITY:	PIONEER		YO	JNG	11	WID-AGE	<u>u </u>	MATURE		OLD GROWTH
VE	GETATION TYPE:	~ Pa	da	- D	ec idwo	us fo	ton.	COI	DE: POD?	3-	

SPECIES IN ORDER OF DECREASING DOMINANCE

CODE:

COMPLEX

Evidence of Disturbance / Notes:

LAYERS: 1=CANOPY >10m 2=SUB-CANO ABUNDANCE CODES: N=NONE R=RARE 0=	OCCASI	ONAL A	=ABUN	DANT D	=GROUND (=DOMINAN	T N/O=Not o	observe
SPECIES CODE			YER		-	FROM RD.	COLL.
	1	2	3	4	≤5 m	>5 m	Harian.
TREES:		1715:12		THE SERVICE			
trembling appear Shagback lickony Red Sak	1/4			-	ļ		
Shapark Hickory	12						
kolsak 0	14						
							
	1			<u> </u>			
	 						
SHRUBS:	110.70%	e satisfic	3.57131333		\$1,000 (19.50)	- 15 . T	tigar m
	1000	1.0 450, 2.1	. B A	100.000	A SACTABLE DATE	4472; 11, 1411; 1	
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				1			
	-			 			
	 						
GROUND:	Stabilitations.	- UA 16'85'55'5	1-3-08-35-57	010000000000	R FARRIEN.	2000 - p - 3500 ₄	9 39 7
3ROUND.	1000000	The section	Park 10 d	10000			4 1, 144
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1							
	 			 			
	<u> </u>		L				

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

				······································					Wildlif	fe Habitat Assessment Form
ELC Polygon: # 55-	Asses	ssment Type:	⊡ -Vi	isual; no	access / 🗆] -Walk throu	igh feature)		
Extent of Physical In										
Reptile / Bat Hiber	rnacula F		□-Y' (i.e. fi bridge Cont □-Y'	* / □-N / features the abutmentains pot * / □-N /	/ @-Unknow pat would pro- nts or culvert tential bat h / @-Unknow	vide a route un s with cracks/d i bernacula f e	is (*if yes, inderground, entry points. features? is (*if yes,	describe in table including buried c	concrete o vices or it	or rock (e.g. foundations. nactive animal burrows)]
POTENTIAL HIBER	NACULA									
UTM			Feat	ure Desc	ription		Photo No	Spp. O	bserved	Using Feature
						Peter account of the territory and the territory				
				•••••••••••••••••••••••••••••••••••••••	***************************************	**************************************				
Bat Roosting Feat		□-Y* / □-N [i.e. tall tree	l / 🗗 es wit	-Unknow th open	surrounding	ss (*if yes, d		table below) facing cavities ~	10m hig	jh in tree]
POTENTIAL BAT R				1		7 - 61			T	
UTM	Tree ID	Tree Sp	р	DBH	Photo No.	Decay Cl	ass (1-5)	No. of Cavities	Height	t and Type of Cavities
	+		***************************************					,·		
										
Odista Maska			222	teles la	4:-la ma.				-	
Stick Nests:			Uon	itains iai '* / □-N	ge stick ne: / 🗹-Unknov	sts? wn. no acces	ss (*if ves,	describe in table	e below	<i>(</i>)
STICK NEST(S) IDE	NTIFIED									
UTM		Tree ID		Tree	Spp.	Nest Size	Photo N	o. Spp. C)bserved	d Using Feature
			<u> </u>	······································	-				······································	
Seeps/Springs/Ve	rnal Poo	ls:	Con	tains se	eps/springs	/vernal pool	s?	describe in table	- halaw	Α
SEEP / SPRING / VE	RNAL PO	OL FEATURE				VII, IIO acces	is ("II yes,	describe in table	e below,)
UTM		eature No. & Ty	Ť	Feature (Diame	e Size w	ater Depth	Photo No	Sub/Emergen		Shrubs/ Logs at Edge Present?
			_			***************************************	1			
							<u></u>			
SPECIES & HABITA	T OBSER	VATIONS (lis	t spec	cies and	type of obse	rvation & in	dicate on r	nap)		
										* - * * * * * * * * * * * * * * * * * *
										1
										# 25
										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

REV: 2012-01-03

S. C.	Stantec Consulting	Ltd. COII. T	ile 55', ₁₀	oadside ELC	•
E	1 – 70 Southgate Dr Guelph, ON Canada N1G 4P5 Tel: (519) 836-6050 Fax: (519) 836-2493	. 54	Woodla	nd & Wildlife sessment Fo	Habitat
Stantec	rax: (519) 636-2493				
Project Number:	1609502	69	Project Name:	NANC	
Date:	July 12	,2012	Field Personnel:	C. Payett	೭
Weather Conditions:	TEMP (°C):	WIND:	Crond:	PPT:	PPT (in last 24 hrs):
			POLYGON DES	CRIPTION	
			TOPOGRAPHIC F	EATURE	HIŞTORY
COMMUNITY	POLYGON: START TIME: END TIME:	5-3	☐ LACUSTRINE ☐ RIVERINE ☐ BOTTOMLAND ☐ TERRACE ☐ VALLEY SLOPE ☐ TABLELAND	☐ TALUS ☐ CREVICE / CAVE ☐ ALVAR ☐ ROCKLAND ☐ BEACH / BAR ☐ SAND DUNE	ØNATURAL □ CULTURAL
CLASSIFICATION	END TIME:		CLIFF	□ BLUFF	
STAND DESCRIP	TION:				
LAYER	HT CVR			DECREASING DOMI ATER THAN; = ABO	
1 CANOPY	2 7	Buroak	white es	n Shaebart	hickory
2 SUB-CANOP	<u> </u>	NIA		J	J
3 UNDERSTORE		groundon	wood		
4 GRD. LAYER		In/a)		
HT CODES: CVR CODES:				.5 <ht≤1m <b="">6=0.2<ht≤0 :60% 4=CVR>60% N/</ht≤0 </ht≤1m>	
STANDING SNAGS:		<u>/</u> <10		V 25 - 50	N >50
ABUNDANCE CODES:		N=NONE R=RARE	O=OCCASIONAL	A=ABUNDANT N/	O=Not observed
STAND MATURITY:		YOUNG	MID-AGE	MATURE	OLD GROWTH
VEGETATION TYPE	\ \ \	real Seroup H	nicket	CODE: SWT	2-9
COM	PLEX			CODE:	······································

Evidence of Disturbance / Notes:

ABUNDANCE CODES: N=NONE R=RAR			YER		DISTANCE	FROM RD.	COLL
SPECIES CODE	1	2	3	4	≤5 m	>5 m	COLL
REES:		MI	-	PC	1.1	(3
Buroak	0						
indite of	R						
white constant	R						
0		1					
	- 0.000	T					
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		-	-		-		
		-	 	-	-		
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			ļ	-			
HRUBS:			1	* Corner	6.11	17,74 27 10 11	
gray clogwood			D	↓	1		
)) ,							
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A THE STATE OF THE							
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*			-	-			\vdash
ROUND:		18			S 18		0.000
NOOND.	_	7.35%				2 7 7 7	-
							<u> </u>
25232 14			ļ				
7207/							
	THE ATTENDED TO SEE						

Signature:

Quality Control: This form complete

& legible

.

(Project Manager)

ELC Polygon: #	Asses	sment Type: [⊐-Vísual; n	o access /	□-Walk throu	igh feature			
Extent of Physical Inv	estigation	of Feature: 0	⊒-Entire / 〔	⊒-Partial, w	alk through p	olygon <i>(inc</i>	dicate on map)		
Reptile / Bat Hiberi	nacula F	[]: (□-Y* / □-N [i.e. features bridge abutm Contains pe □-Y* / □-N	/ □-Unkno that would pr ents or culve otential bat / □-Unkno	ovide a route ur its with cracks/o hibernacula f	ss (*if yes, onderground, entry points. features? ss (*if yes, o	describe in table including buried c	oncrete o	r rock (e.g. foundations, nactive animal burrows)]
POTENTIAL HIBERN	NACULA				(1417/1) (1411/40.7 (1	, euros			
UTM		I	Feature Description			Photo No	. Spp. O	bserved	Using Feature
	Į.								
Bat Roosting Feat		[i.e. tall tree:	/ □-Unkno s with oper	wn, no acco	ess (*if yes, d		<i>table below)</i> acing cavities ~	10m hig	h in tree]
POTENTIAL BAT RO						(4 -			
UTM	Tree ID	Tree Spp	DBH	Photo No	Decay Cl	ass (1-5)	No. of Cavities	Height	and Type of Cavities
Stick Nests:				arge stick no			dii	- 6 - 1	
STICK NEST(S) IDEN	TIFIED		<u> </u>	4 / U-UNKNO	own, no acces	ss ("Ir yes,	describe in tabl	e below,	100
UTM		Tree ID	Tre	e Spp.	Nest Size	Photo No	o. Spp. C	bserved	Using Feature
									
Seeps/Springs/Ver			Q-Y*/Q-1	I / □-Unkno	s/vernal pool	s? ss (*if yes,	describe in tabl	e below,)
SEEP / SPRING / VEF	RNAL PO	OL FEATURE	`			T	la.m		01 1 / 1
UTM	Fea	ature No. & Ty	ne	re Size	Vater Depth	Photo No.	Sub/Emerger Spp. Prese		Shrubs/ Logs at Edge Present?
SPECIES & HABITA	Γ OBSER	VATIONS (list	species and	l type of obs	ervation & in	dicate on n	 nap)	· · · · · ·	

									10
									583.

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

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

Stantec Consulting Ltd. 1-70 Southgate Drive Roadside ELC,

Woodland & Wildlife Habitat **Assessment Form**

Stantec	1 ax. (515) 000-2400				
Project Number:	1609507	169	Project Name:	NRINC	
Date:	July 12,	2012	Field Personnel:	C. Parel	te.
	0			0	
	TEMP (°C):	WIND:	CLOUD:	PPT:	PPT (in last 24 hrs):
Veather Conditions:	32	3	10%	none	hone

POLYGON DESCRIPTION

		TOPOGRAPHIC F	EATURE	HISTORY
ELC	POLYGON: 55-4	RIVERINE	CREVICE / CAVE	PNATURAL
COMMUNITY	START TIME:	TERRACE VALLEY SLOPE	□ ROCKLAND □ BEACH / BAR	CULTURAL
DESCRIPTION & CLASSIFICATION	END TIME:	- · · · · · · · · · · · · · · · · · · ·	SAND DUNE BLUFF	

STAND DESCRIPTION:

	LAYER	нт	CVR	(>>M			ORDER OF I					
1	CANOPY					-						,
2	SUB-CANOPY											
3	UNDERSTOREY	14	4	But!	tanbut	-						
4	GRD. LAYER	5-7	3				Import	-(3)				
	CODES: R CODES:						<ht≤2m <b="">5=0 % 3=25<cvr≤< td=""><td></td><td></td><td></td><td></td><td></td></cvr≤<></ht≤2m>					
ST.	ANDING SNAGS:			R	<10	R	10 – 24	M	25 – 50	111	J	>50
ABI	UNDANCE CODES:		N	=NONE	R=RARE	0=0	CCASIONAL	A=/	BUNDANT	N/O=	Not c	bserved
ST	AND MATURITY:	PIONEER		YOU	NG	W	IID-AGE	A	MATURE		OL	D GROWTH
VE	GETATION TYPE:	uta	عبطد	Haz	ricket	SU	amp	COD	E: 5W	12-	4	
	COMPLE	X					1	COD	E:			

Evidence of Disturbance / Notes:

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

Signature:	ather	1
	(Field Personnel)	

Quality Control:This form is complete 🗆 & legible 🗅.
Signature:
(Project Manager)

W:'resource\Internal Info and Teams\FiELD FORMS\Vegelation\ELC\roadside-elc-woodland-wildlife-habitat-form.docx / (DERIVED FROM LEE ET AL., 1998)

								AAHOI	ile nabitat Assessi	ment rom
ELC Polygon: #55-	4 Assess	ment Type: 🛚	3 -Visual; no	access / 🗆	-Walk throu	ıgh feature)			
Extent of Physical Inv	estigation	of Feature: □	⊒ -Entire / □	I-Partial, wal	k through p	oolygon <i>(in</i>	dicate on map)			
Reptile / Bat Hiber		[i b C C [i	☐-Y* / ☐-N i.e. fcatures the ridge abutmo Contains po ☐-Y* / ☐-N i.e. karst topo	hat would provents or culverts tential bat hid -Unknoweraphy, aband	n, no accestide a route us with cracks/ bernacula to, no acces	ss (*if yes, nderground, entry points. features? ss (*if yes,	? describe in tabl including buried of exposed rock cre- describe in tabl	conercte vices or i	or rock (e.g. four inactive animal b	ndations. purrows)]
POTENTIAL HIBER	NACULA F						1			
UTM		F	Feature Description			Photo No	Spp. C	bserve	d Using Featur	e
Bat Roosting Feat			/ 🗹-Unknov s with open	vn, no acces surrounding	s (*if yes, d	<i>lescribe in</i> 5cm, side-f	table below) acing cavities ~	10m hiç	gh in tree]	
UTM	Tree ID	Tree Spp.		Photo No.	Decay Cl	ass (1-5)	No. of Cavities	Heigh	t and Type of (Cavities
							THE STATE OF THE S	114.51	tand type of c	Javieres

	1					***				
Stick Nests:		(Contains lai ⊐-Y* / □-N	ge stick nes	ts? /n_no.acce:	ss (*if ves	describe in tabl	e helov	/)	
STICK NEST(S) IDEN	NTIFIED				.,,		40007.20 11 1427	0 001011	<u> </u>	
UTM		Tree ID	Tree	Spp.	Nest Size	Photo No	o. Spp. (bserve	d Using Featur	·e
Seeps/Springs/Vei	rnal Pools	s: (Contains se	eps/springs/	vernal pool	s?				
SEEP / SPRING / VEF	DNAL DOO	T TOTAL A COLUMN IN A	□-Y* / □-N	/ 🗹 - Unknow	n, no acces	ss (*if yes,	describe in tabl	e below)	
UTM		ure No. & Typ	E4	e Size Wo	ter Depth	Photo No.	Sub/Emerger Spp. Prese		Shrubs/ Logs Present	
							Зрр. пезе	ne.	1 resent	l •
										h-ttt-
				-						
SPECIES & HABITA	T OBSERV.	ATIONS (list s	species and	type of obser	vation & in	dicate on n	іар)			
										120
										9 T
										N.
										2000
		20								

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

Stantec	Stantec Consulting Ltd. 1 – 70 Southgate Drive Guelph, ON Canada N1G 4P5 Tel: (519) 836-6050 Fax: (519) 836-2493	COII. T FOLY	5 Woodla	oadside ELC nd & Wildlife sessment Fo	Habitat
Project Number	160950269		Project Name:	NAWC	
	July 12,201	2	Field Personnel:		
Weather Conditions:	TEMP (°C):	WIND:	CLOUD:	PPT:	PPT (in last 24 hrs)
Troubles Goldensons.	32	3	10%	None	hove
			POLYGON DES	CRIPTION	
			TOPOGRAPHIC F	EATURE	HIŞTORY
ELC	POLYGON:	5	☐ LACUSTRINE ☐ RIVERINE	☐ TALUS ☐ CREVICE / CAVE	MATURAL
PROPERTY AND LOSS OF THE PARTY AND ADDRESS OF	START TIME:		☐ TERRACE ☐ VALLEY SLOPE	☐ ALVAR ☐ ROCKLAND ☐ BEACH / BAR	CULTURAL

STAND DESCRIPTION:

END TIME:

DESCRIPTION &

CLASSIFICATION

	LAYER	НТ	CVR	SPECIES IN ORDER OF DECREASING DOMINANCE (>>MUCH GREATER THAN; >GREATER THAN; = ABOUT EQUAL TO)										
1	CANOPY	7	1	whiteoa	whiteoak=Buroak									
2	SUB-CANOPY													
3	UNDERSTOREY	19	3	Meadons	nee+77 W4	lau shab)							
4	GRD. LAYER 5-7 3 and anod sp7 Caldares Heed Caray													
HT CODES: 1=>25m 2=10 <ht≤25m 0="NONE" 1="0%<CVR≤10%" 2="10<CVR≤25%" 3="25<CVR≤60%" 4="CVR" 5="0.5<HT≤1m" 6="0.2<HT≤0.5m" 7="HT<0.2√H" codes:="" cvr="">60% N/O=not observed</ht≤25m>														
ST	ANDING SNAGS:			/ <10	0 10 - 24	V 25 - 50	N >50							
ABL	INDANCE CODES:		N	=NONE R=RARE	O=OCCASIONAL	A=ABUNDANT	N/O=Not observed							
ST	STAND MATURITY: PIONEER YOUNG MID-AGE MATURE OLD GROW													
VEGETATION TYPE: CODE: SWT26														
	COMPLE	X		CODE:										

TABLELAND
ROLL. UPLAND
CLIFF

SAND DUNE

□ BLUFF

Evidence of Disturbance / Notes:

ABUNDANCE CODES: N=NONE R=RARE O=	CCASI	LA'	YER	DANIE	DISTANCE	FROM RD.	COLL
SPECIES CODE	1	2	3	4	≤5 m	>5 m	COLL.
REES:	基數號						
whiteelm	R			ļ			
white elmo Buroak	12				1	ļ	
		*		ļ			
				-			
SHRUBS:			4.4	36.4		测度功能 在	
Modansinet			H				
Modansweet willows Shoto			2				
ALLE ALLE ALLE ALLE ALLE ALLE ALLE ALLE			,1				
GROUND:				1		原加 。	
Caltain Sp. Pend Connail gado				H			
rattaio Sp.				0			
pead Comon gardo				0			
0 0				<u> </u>			
	-						
34.0							

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

								Wildli	ife Habitat Assessment Fo	
ELC Polygon: #55-	S Assess	ment Type: ☑-√	/isual; no	access / 🛚-	Walk throu	gh feature				
Extent of Physical Inv	estigation (of Feature: □-E	intire / 🗖	-Partial, wall	k through p	olygon <i>(inc</i>	dicate on map)			
Reptile / Bat Hiber	nacula Fe	□-Y [i.e. brid _k Con □-Y	/* / □-N / features the ge abutmentains pot /* / □-N /	nat would provi nts or culverts tential bat hit	n, no acces ide a route ur with cracks/c pernacula fo n, no acces	is (*if yes, onderground, entry points, eatures? is (*if yes, o	describe in table including buried o	concrete vices or i	or rock (e.g. foundation inactive animal burrows	ś.)]
POTENTIAL HIBER	NACULA F									
UTM		Feat	ture Desc	ription		Photo No.	. Spp. C	bserve	d Using Feature	
			·····							
					***************************************			***************************************		
										_
Bat Roosting Feat	ures:	Contains poten □-Y* / □-N / ☑ [i.e. tall trees wi	-Unknow	vn, no access	s (*if yes, d	<i>escribe in</i> icm, side-fa	table below) acing cavities ~	10m hiç	gh in tree]	
POTENTIAL BAT RO	OOSTING F								<u> </u>	
UTM	Tree ID	Tree Spp.	DBH	Photo No.	Decay Cla	ass (1-5)	No. of Cavities	Heigh	t and Type of Cavitie	s
										_
										\dashv
Stick Nests:		Cor	ntains lar Y* / □-N	ge stick nest / 12-Unknow	ts? n. no acces	ss (*if ves.	describe in tabl	e belov	v)	
STICK NEST(S) IDE	NTIFIED				,	, , , , ,			·	
UTM		Tree ID	Tree	Spp.	Nest Size	Photo No	Spp. ()bserve	d Using Feature	
									PHOPHICAL PROPERTY OF THE PROP	_
					I					
Seeps/Springs/Ve	rnal Pools	i: Cor □-\	ntains sed Y* / □-N	eps/springs/v	vernal pools	s? ss (*if ves :	describe in tabl	e helou	y)	
SEEP/SPRING/VE	RNAL POO				11, 110 00000	,o (11 you,	accombe in tabl	5 50,000	'/	
UTM	Feat	ture No. & Type	Feature (Diame		ter Depth	Photo No.	Sub/Emerger Spp. Prese		Shrubs/ Logs at Edg Present?	је

						l				_
SPECIES & HABITA	T OBSERV	ATIONS (list spe	cies and	type of obser	vation & in	dicate on m	nap)			_
										,
I										-
									6.	(4)
									3.1	

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	1 7 Guel Cana Tel: Fax:	ntec Cons F0 Southg Iph, ON ada N1G (519) 836 (519) 83	4P5 6-6050 6-2493			Woodl A	an ss	padside EL d & Wildlif essment F	е Н		
Project Numb Da		0250	<u> 267</u>	017		Project Nam - Field Personn	-	CALLE			
		1000	1210	DIL		-	-	Citago II	F.,		
Veather Conditions	»: [TEMP (%	C):	ž	IND:	CLOUD:		PPT:	PP	(in last 24 hrs)	
	1					- 120					
						TOPOGRAPHIC	C FE	EATURE	HIS	TORY	
ELC COMMUNITY DESCRIPTION OF CLASSIFICATION	STA	YGON: RT TIMI) TIME:		-6		□ LACUSTRINE □ RIVERINE □ BOTTOMLANI □ TERRACE □ VALLEY SLOF □ TABLELAND □ ROLL. UPLAN □ CLIFF	D PE	☐ TALUS ☐ CREVICE / CAVI ☐ ALVAR ☐ ROCKLAND ☐ BEACH / BAR ☐ SAND DUNE ☐ BLUFF	E	EMATURAL	
STAND DESCR	RIPTIO	N:									
LAYER		нт	CVR	(>>ML				ECREASING DOI ATER THAN; = A			
1 CANOP	Y										
2 SUB-CAN	OPY										
3 UNDERSTO	REY	4	7	gray daywood > magdy ~ 5 west							
4 GRD. LAY	'ER	5-7	4	Kalebank Sedor Mallans Soft builted							
IT CODES: CVR CODES:		1=>25m 0=NONE						5 <ht≤1m <b="">6=0.2<h1 60% 4=CVR>60%</h1 </ht≤1m>			
STANDING SNA	GS:			p_	<10	10-24		25 - 50	\mathbb{I}_{N}	>50	
ABUNDANCE COD	ES:		N	=NONE	R=RARE	O=OCCASION	AL	A=ABUNDANT	N/O=N	lot observed	
STAND MATURI	TY:	PIONEER	₹	YOU	NG	MID-AGE		MATURE		OLD GROWTH	
VEGETATION TO	'PE: <	Se Do	v. 15	èado	15 Cr	alawn	2	CODE:	6		
С	OMPLE	X	9	CODE:							
Evidence of Di	isturb	ance / I	Notes:	:							

DISTANCE FROM RD. LAYER COLL. SPECIES CODE >5 m ≤5 m 1 2 3 4 TREES: SHRUBS: 0 gan dogwood GROUND: O 0

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

Signature:

Quality Control:This form is complete

& legible

Signature:

(Project Manager)

ELC Polygon: #55-							_						
Reptile / Bat Hiber	□-Entire / □-Partial, walk through polygon (indicate on map) Contains potential reptile hibernacula features? □-Y* / □-N / □-Unknown, no access (*if yes, describe in table below) [i.e. features that would provide a route underground, including buried concrete or rock (e.g. foundations, bridge abutments or culverts with eracks/entry points, exposed rock crevices or inactive animal burrows)] Contains potential bat hibernacula features? □-Y* / □-N / □-Unknown, no access (*if yes, describe in table below) [i.e. karst topography, abundoned mines or caves]												
POTENTIAL HIBER	NACULA						J = 1						
OTIV	Feature D	escriptio	n		Photo N	Photo No. Spp. Ol			bserved Using Feature				
							†	\neg					
		· · · · · · · · · · · · · · · · · · ·								8.			
Bat Roosting Feat		Contains po □-Y* / □-N [i.e. tall tree	/ 🗹-Unkr s with ope	n <mark>own, no</mark> en surro	acces	s (*if yes. o	<i>lescribe in</i> 5cm, side-	ta fac	ble below) cing cavities ~	10m hi	gh in tree)		
UTM	Tree ID				to No.	Decay Cl	lass (1-5) N		No. of Cavities H		Height and Type of Ca		
									or or cavities	TTCIGII	t and Type	or Cavities	
								_					
								<u> </u>		···-			
Stick Nests:	CONTROL D		Contains □-Y* / □-	large sti N / 🗗-U	ck nest	ts? n, no acces	ss (*if yes,	de	escribe in table	e belov	v)		
STICK NEST(S) IDEN UTM	TIFIED	Tree ID	T		Nest Size	Photo N		S 0	lls a serve	4 II-i E-			
				ree Spp.		Nest Size	I HOLO IX	υ.	Spp. Observe		ed Using Feature		
							<u> </u>						
Seeps/Springs/Ver			□-Y* / □-	N/O-U	afings/ nknowi	vernal pools	s? ss (*if yes,	de	escribe in table	below	()		
SEEP / SPRING / VER	NAL POO	OL FEATURE(S) IDENT	TIFIED			r						
UTM	Fea	ature No. & Ty	pe Feature Size (Diameter)		Water Depth		Photo No.		Sub/Emergent Veg. Spp. Present?			ogs at Edge sent?	
								+	The state of the s	***************************************			
				~									
SPECIES & HABITAT	OBSERV	ATIONS (list :	species an	d type of	fobserv	vation & inc	licate on n	nar	n)				
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CA=carcass: DP=distinctive parts: FE--feeding evidence; FY=eggs/nest; HO=house/den; OB=observed; SC+-scat: SF=other sign; TK--track; VO--vocalization