Stantec	Stantec Consulting 1 – 70 Southgate Dry Guelph, ON Canada N1G 4P5 Tel: (519) 836-6050 Fax: (519) 836-2493	Ltd. COII		coadside EL0 nd & Wildlife sessment Fo	Habitat
Project Number:	1609502	69	Project Name:	NRWC E	=1.6
Date:	03 July	2012	Field Personnel:	A. Ducho	arme
Weather Conditions:	TEMP (°C):	WIND:	CLOUD: Part	PPT:	PPT (in last 24 hrs):
		\circ	POLYGON DES	CRIPTION	· · · · · · · · · · · · · · · · · · ·
			TOPOGRAPHIC F	EATURE	HISTORY
ELC	POLYGON:	7-6	☐ LACUSTRINE ☐ RIVERINE	☐ TALUS ☐ CREVICE / CAVE	ENATURAL
COMMUNITY	START TIME:	6:45	☐ BOTTOMLAND ☐ TERRACE ☐ VALLEY SLOPE	□ ALVAR □ ROCKLAND □ BEACH / BAR	CULTURAL
DESCRIPTION & CLASSIFICATION	END TIME:	6:50	GPABLELAND DROLL UPLAND DCLIFF	SAND DUNE	

STAND DESCRIPTION:

	LAYER	нт	CVR	SPECI (>>MUCH GRE	ES IN ORDER OF D ATER THAN; >GRE	DECREASING DOI	MINANCE BOUT FOUAL TO
1	CANOPY	2	j	FAGGRA			
2	SUB-CANOPY	3	_ \	E1.6666			······································
3	UNDERSTOREY	4-5	4	GRASSI	. > SOLCA	NAZDIPE	-0.11
4	GRD. LAYER	6-7	u	GRASS		NA> DIPF	
CVI	CODES: R CODES: ANDING SNAGS:	1=>25m 0=NONE	1=0%<	IT≤25m 3=2 <ht≤10 :CVR≤10% 2=10<c< th=""><th>0m 4=1<ht≤2m 5="0.<br">VR≤25% 3=25<cvr≤< th=""><th>5<ht≤1m 6="0.2<HT<br">60% 4=CVR>60%</ht≤1m></th><th>≤0.5m 7=HT<0.2m N/O=not observed >50</th></cvr≤<></ht≤2m></th></c<></ht≤10 	0m 4=1 <ht≤2m 5="0.<br">VR≤25% 3=25<cvr≤< th=""><th>5<ht≤1m 6="0.2<HT<br">60% 4=CVR>60%</ht≤1m></th><th>≤0.5m 7=HT<0.2m N/O=not observed >50</th></cvr≤<></ht≤2m>	5 <ht≤1m 6="0.2<HT<br">60% 4=CVR>60%</ht≤1m>	≤0.5m 7=HT<0.2m N/O=not observed >50
ABL	INDANCE CODES:		N:		O=OCCASIONAL	1) 9	VO=Not observed
STA	ND MATURITY:	PIONEER		YOUNG	MIDAGE	MATURE	OLD GROWTH
VE	SETATION TYPE: Mineral	Cal	tura	1 Meado	W Hedgerow	CODE: HOD	CUMI
- T	COMPLE	X			9	CODE:	

Evidence of Disturbance / Notes:

ABUNDANCE CODES: N=NONE R=RAR SPECIES CODE	0.46.54	LA	YER	Chine Ma	DISTANCE	FROM RD.	S. G. V.
	海拔 软化	2	3	4	≤5 m	>5 m	COLL
TREES:		Walter	S2 67	tui = :		II.	
FAGGRAN	D	0	R	N		NA	
				 	 		
			<u> </u>				
SHRUBS:							
IIIAOBS.							
				!			
ROUND:	2 2 1	1 1		11	-11		
6RASS 900	*******	namen.	PA	D A		NA	
GRASS Q- SOLCANA DIPFULL ASCSTR	-		0	0		¥ /	
45CS=1K1			N	R		V	

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

ELC Polygon: # 19-6	Asse	ssment Type:	⊒=Vi	sual; no	o acces	s / 🗅	-Walk throu	igh feature	e		
Extent of Physical Inv	- restigatio	n of Feature:	Q-Er	ntire / □	I-Partia	I, wal	k through p	olygon <i>(ir</i>	dicate on map)		
Reptile / Bat Hiber	Features:	Contains potential reptile hibernacula features? —Y*/ —N/ —-Unknown, no access (*if yes, describe in table below) [i.e. features that would provide a route underground, including buried concrete or rock (e.g. foundations, bridge abutments or culverts with cracks/entry points, exposed rock crevices or inactive animal burrows)] Contains potential bat hibernacula features? —Y*/ —N/ —-Unknown, no access (*if yes, describe in table below) [i.e. karst topography, abandoned mines or caves]									
POTENTIAL HIBERN	NACULA							Photo No			
UTM	UTM Feature Description								Spp. C	bserve	d Using Feature
	Bat Roosting Features: Contains potential bat roosting features? □-Y* / □-Y* / □-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			DBH	Photo	No.	Decay Cla	ass (1-5)	No. of Cavities	Heigh	t and Type of Cavities
Stick Nests:	F		Conta	ains Iar / EI-N	ge stick / 🔲-Unl	know	ts? n, no acces	s (*if yes,	describe in tabl	e belov	ν)
STICK NEST(S) IDEN UTM	TIFIED	Tree ID	<u> </u>	Tree	Spp.	· · · · · · · · · · · · · · · · · · ·	Nest Size	Photo N	o Spp (Theoryo	d Using Feature
				Tree Sppi Treat Size			T HOLO I	о. орр. с) DSCI VC	d Using Feature	
								•			
Seeps/Springs/Ver	nal Poo	ls:	Conta	ains șe	eps/spr	ings/	vernal pools	s?		are IVC M	
CEED / CDDING / VED	NAI DO	OF EFATURE				know	n, no acces	s (*if yes,	describe in tabl	e belov	v)
SEEP / SPRING / VER UTM		ature No. & Ty	1 3	Feature (Diame	Size	Wa	ter Depth	Photo No. Sub/Emergent Veg. Spp. Present?			Shrubs/ Logs at Edge Present?
				(эрр. т тезе		riesent.
			_				***************************************				
SPECIES & HABITAT	OBSER	VATIONS (list	speci	es and	type of	obser	vation & inc	dicate on r	nap)		
											7
											٨
											= +)
CA=earcass: DP=distinctive	ve parte F	R=feeding avida	nce: E	Vzeovel	nest HO	Ehou	coldon OD	hearts. 4. Ca	Samuelan Charattern o	my TL	musk VO-ssauthar
was warned and middless.	· - Justinia E.	" verming partie	.xvv, 1 .	್ಲ ಆಕ್ಷಣ,	raweta 1450	210,000	wash one	PO THIFF ENGLY	. oval, or omer s	But IV	mack: vo-vocatization

Stantec	Stantec Con 1 – 70 South Guelph, ON Canada N1 Tel: (519) 83 Fax: (519) 8	gate Driv G 4P5 6-6050	Poly 19	Tile 19, F 1-7 Woodla As	Roadside EL(nd & Wildlife sessment Fo	C, e Habitat orm
Project Number:	1609	50	269	Project Name	NRWC &	ELC
Date:	03	Jul	y 2012	Field Personnel	A. Duch	come
Weather Conditions:	TEMP (°C):	WIND:	CLOUD:	PPT:	PPT (in last 24 hrs)
			0	POLYGON DES	CRIPTION	
				TOPOGRAPHIC F	EATURE	HISTORY
ELC COMMUNITY DESCRIPTION & CLASSIFICATION	POLYGON: START TIM END TIME:	19	-7 ;50 7:00	☐ LACUSTRINE ☐ RIVERINE ☐ BOTTOMLAND ☐ TERRACE ☐ VALLEY SLOPE ☐ TABLELAND ☐ ROLL. UPLAND ☐ CLIFF	☐ TALUS ☐ CREVICE / CAVE ☐ ALVAR ☐ ROCKLAND ☐ BEACH / BAR ☐ SAND DUNE ☐ BLUFF	©MATURAL
STAND DESCRIP	TION:					
LAYER	НТ	CVR	SPECI (>>MUCH GRE	ES IN ORDER OF D	DECREASING DOME ATER THAN; = AB	NANCE
1 CANOPY					ATEN TIMIT, - AD	OUT EQUAL TO)
2 SUB-CANOP	13	2	SALNIG	K / EAG	GRAN	
3 UNDERSTORE	Y 4-5	H	CORRACE	7 GRASS	> <0-	
4 GRD. LAYER	67	4	GRASSS	0-	i	
HT CODES: CVR CODES:	1=>25m 0=NONE		IT≤25m 3 =2 <ht≤10 CVR<10% 2=10<0</ht≤10 	0m 4=1 <ht≤2m 5="0.</td"><td>5<ht≤1m 6="0.2<HT≤0<br">60% 4=CVR>60% N/</ht≤1m></td><td>0.5m 7=HT<0.2m</td></ht≤2m>	5 <ht≤1m 6="0.2<HT≤0<br">60% 4=CVR>60% N/</ht≤1m>	0.5m 7=HT<0.2m
STANDING SNAGS:		- 11	Q <10		T (1	
ABUNDANCE CODES:			=NONE R=RARE	0=OCCASIONAL	N 25 – 50 A=ABUNDANT N/	0=Not observed
STAND MATURITY:	PIONEER		YOUNG	MID-AGE	MATURE	OLD GROWTH
VEGETATION TYPE	1015+ 1	Willo	w Lowland	Derid Forest	CODE: FOD	7-3
COMI	PLEX				CODE:	

ABUNDANCE CODES: N=NONE R=RARE O	E 40.00	LA	YER		DISTANC	E FROM RD.	Jana Sa
SPECIES CODE		2	3	44	≤5 m	>5 m	COLL
TREES:		1 13 1		1.7	September 1997	TO BE SEEDING	1 25 1 1
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SALNIGR FREGREN		0	U	N	6	1	_
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				1			
						1	
				83			
				3		1	
SHRUBS:		-3/7	1, 1	. =	1.11	10.00	
CORFACE	N	N	B	12	D	NIO	
						10770	
			-				
ROUND:	25.0	A . A	ng.	ur e	: // E	y 15	
GRASS SQ-	N	N	A	D	D	NIO	
U						183	
<u> </u>							
				I			

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

(Field Personnel)

Signature:

(Project Manager)

ELC Polygon: #19-	- Asses	sment Type:	⊡ -Visual	; no acce	ss / 🗆	-Walk throu	igh featur	9						
Extent of Physical Inv	 /estigation	of Feature:	□-Entire	/ □ -Parti	al, wal	k through p	oolygon (ir	ndicate on map)						
Reptile / Bat Hiber	Reptile / Bat Hibernacula Features:					Contains potential reptile hibernacula features?								
POTENTIAL HIBER	NACULA E				,									
UTM	UIM						Photo No	o. Spp. C	bserve	d Using Feature				
Bat Roosting Feat	ures:		/ D-Unki	nown, no	acces	s (*if yes, d		table below) facing cavities ~	10 m hi	ah in treel				
POTENTIAL BAT RO	OSTING I					0, 00.1 20	on, olde	don'ng cavinos	1011111	grindeel				
UTM	Tree ID	Tree Spp	DB	H Phot	o No.	Decay Cla	ass (1-5)	No. of Cavities	Heigh	t and Type of Cavities				
Stick Nests: STICK NEST(S) IDEN UTM	TIFIED	Tree ID		large stid	ck nest	ts? n, no acces	ss (*if yes,	describe in tabl		v) d Using Feature				
Seeps/Springs/Ver	nal Pools	:	Contains	seeps/sp	orings/	vernal pools	s?			-22				
SEEP/SPRING/VER			O-Y* / @	-N / 🗆 -Ui	nknow	n, no acces	s (*if yes,	describe in tabl	e belov	v)				
UTM		ure No. & Ty	ne Feat	ure Size	Wa	ter Depth	Photo No	Sub/Emerger Spp. Prese		Shrubs/ Logs at Edge Present?				
SDECIES & HARITAT	CORSERV	ATIONS (liet	Spacias a	ad tuno of	Fahsar	votion & in	diaata							
SPECIES & HABITAT	OBSERV	A I IONS (list	species a	nd type of	obser	vation & in	dicate on r	nap)						

100	Stantec	Stantec Cor 1 – 70 South Guelph, ON Canada N1 Tel: (519) 83 Fax: (519) 8	ngate Driv G 4P5 36-6050	Ltd. COII. T	TIE 19, R - 8 Woodla As:	loadside EL nd & Wildlife sessment Fo	C, e Habitat orm					
	Project Number:	1609	60950269 Project Name: NEWC ELC									
	Date:	03 3	Suly	2612	Field Personnel	^ -	arme					
We	eather Conditions:	TEMP (°C):	WIND:	CLOUD:	PPT:	PPT (in last 24 hrs):					
				9	POLYGON DES							
		POLYGON			TOPOGRAPHIC F		HISTORY					
	COMMUNITY	START TIME:	19	-8 7:00 7:10	☐ LACUSTRINE ☐ RIVERINE ☐ BOTTOMLAND ☐ TERRACE ☐ VALLEY SLOPE ☐ TABLELAND ☐ ROLL. UPLAND ☐ CLIFF	☐ TALUS ☐ CREVICE / CAVE ☐ ALVAR ☐ ROCKLAND ☐ BEACH / BAR ☐ SAND DUNE ☐ BLUFF	ETNATURAL ☐ CULTURAL					
ST	AND DESCRIPT	TION:										
	LAYER	нт	CVR	SPECIE (>>MUCH GREA	S IN ORDER OF D	ECREASING DOMI ATER THAN; = ABO	NANCE OUT FOUAL TO					
1	CANOPY											
2	SUB-CANOPY	,				· · · · · · · · · · · · · · · · · · ·						
3	UNDERSTORE	r 4-5	4	TIPLAT	1 > GRA	55 500						
4	GRD. LAYER	6-7	-(GRASS.	0. >TV	TATI						
	CODES:	1=>25m	2=10< -	T≤25m 3 =2 <ht≤10r< th=""><th>n 4=1<ht≤2m 5="0</th"><th>5<ht≤1m 6="0.2<HT≤0</th"><th>0.5m 7=HT<0.2m</th></ht≤1m></th></ht≤2m></th></ht≤10r<>	n 4=1 <ht≤2m 5="0</th"><th>5<ht≤1m 6="0.2<HT≤0</th"><th>0.5m 7=HT<0.2m</th></ht≤1m></th></ht≤2m>	5 <ht≤1m 6="0.2<HT≤0</th"><th>0.5m 7=HT<0.2m</th></ht≤1m>	0.5m 7=HT<0.2m					
CV	R CODES:	0=NONE	1=0%<	CVR≤10% 2=10 <cv< th=""><th>/R≤25% 3=25<cvr≤< th=""><th>60% 4=CVR>60% N/</th><th>O=not observed</th></cvr≤<></th></cv<>	/R≤25% 3=25 <cvr≤< th=""><th>60% 4=CVR>60% N/</th><th>O=not observed</th></cvr≤<>	60% 4=CVR>60% N/	O=not observed					

STANDING SNAGS: 10 - 2425 - 50>50 ABUNDANCE CODES: N=NONE R=RARE O=OCCASIONAL A=ABUNDANT N/O=Not observed STAND MATURITY: PIONEER YOUNG MID-AGE MATURE OLD GROWTH VEGETATION TYPE: Cattail CODE: MAS Shallow Marsh COMPLEX CODE:

Evidence of Disturbance / Notes:

ABUNDANCE CODES: N=NONE R=RAR SPECIES CODE		LA	YER	Service .	DISTANCE	FROM RD.	ODSCIVE
PECIES CODE	沙 斯 现1后	2	3	4	≤5 m	>5 m	COLL
TREES:	- 12	14	0 0 00	'e 205	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	CHPSANA SOL	2000
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		 	+	-			
				-			
		-	 	-			
			 				
SHRUBS:			,	14	. 77		
			1	<u> </u>			
							
			 				
ROUND:			41	3111		. 11	
1 PLAII			1	A	D	D	
GRASS SP.			A	D	D	0	·
				l			

Signature: 45	Quality Control: This form is complete @ 8 legible @-
(Field Personnel)	(Project Manager)

ELC Polygon: #19-	2 Asses	ssment Type:	☑-Visual; n	o access	/ 🗖	-Walk throu	gh feature				
Extent of Physical Inv	– /estigatio	n of Feature:	□-Entire / □	⊒-Partial,	wal	k through p	olygon <i>(ind</i>	licate on map)			
Reptile / Bat Hiber	 	Contains potential reptile hibernacula features? —Y*/—N/—Unknown, no access (*if yes, describe in table below) [i.e. features that would provide a route underground, including buried concrete or rock (e.g. foundations. bridge abutments or culverts with cracks/entry points, exposed rock crevices or inactive animal burrows)] Contains potential bat hibernacula features? —Y*/—N/—Unknown, no access (*if yes, describe in table below) [i.e. karst topography, abandoned mines or caves]									
POTENTIAL HIBER	NACULA										
UTM			Feature Des	cription			Photo No.	Spp. O	bserved	l Using Feature	
***************************************						·····					
Bat Roosting Features: Contains potential bat roosting features? □-Y* / □-N / □-Unknown, no access (*if yes, describe in table below) [i.e. tall trees with open surroundings, DBH >25cm, side-facing cavities ~10m high in tree] POTENTIAL BAT ROOSTING FEATURE(S) IDENTIFIED											
UTM	Tree ID			Photo N	٧o.	Decay Cla	ass (1-5)	No. of Cavities	Heigh	t and Type of Cavities	
······											
		appropriate and the second									
Stick Nests:			Contains la ⊐-Y* / ⊡-N	rge stick i / □-Unkr	nest nowi	s? n, no acces	s (*if yes, o	describe in tabl	e below	()	
STICK NEST(S) IDEN UTM	CLIKIED	Tree ID	Tro	e Spp.		Nest Size	Photo No.	Spp. C	beerve	d Using Feature	
OTM		ATCC 1D	110	c opp.		Nest Size	I HOLO INO.	Spp. C	bserve	d Using reature	
Seeps/Springs/Ver	nal Pool	s: (Contains se □-Y* / ⊡-Ń	eps/sprin / 🔲-Unkr	igs/\ nowi	vernal pools	s? s (*if yes, c	lescribe in table	e below	()	
SEEP / SPRING / VER	NAL POO										
UTM	Fea	ture No. & Ty	pe Featur (Diam	1	Wat	ter Depth	Photo No.	Sub/Emergen Spp. Prese		Shrubs/ Logs at Edge Present?	
SPECIES & HABITAT	OBSERV	ATIONS (list	species and	type of ol	oserv	vation & inc	licate on m	ap)			
								.17			

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	Poly	Tile 19; R 19-9 Woodla Ass	coadside EL0 nd & Wildlife sessment Fo	C, Habitat orm
Project Number:	609502	-69	Project Name:	NRWC	E1 C
Date:	03 Sul	12017	Field Personnel:		arme
Weather Conditions:	TEMP (°C):	WIND:	CLOUD:	PPT:	PPT (in last 24 hrs):
		0	POLYGON DES	CRIPTION	
			TOPOGRAPHIC F	EATURE	HISTORY
COMMUNITY	POLYGON: G - START TIME: - END TIME: -	7:10 7:15		☐ TALUS ☐ CREVICE / CAVE ☐ ALVAR ☐ ROCKLAND ☐ BEACH / BAR ☐ SAND DUNE ☐ BLUFF	EHNATURAL □ CULTURAL

STAND DESCRIPTION:

	LAYER	нт	CVR	SPEC (>>MUCH GRE	IES IN ORDER OF ATER THAN; >GR	DECREASING DO	MINANCE BOUT EQUAL TO)
1	CANOPY	2	1	SALALBE	1. Vitel	ing	BOO! ENDALE TO
2	SUB-CANOPY	ez,	3	SALALBE			/ ACE NEGU
3	UNDERSTOREY	4-5	Ч	GRASS S	OIT TRAN		
4	GRD. LAYER	10-4	Ĺ	GRASS SO		164.	
CVF	CODES: R CODES: ANDING SNAGS:	0=NONE	1=0%<	CVR\$10% 2=10<0	UM 4=1 <ht≤2m 5="<br">CVR≤25% 3=25<cvf< th=""><th>0.5<ht≤1m 6="0.2<H<sup">* R≤60% 4=CVR>60% 25 - 50</ht≤1m></th><th>√S0.5m 7=HT<0.2m N/O=not observed >50</th></cvf<></ht≤2m>	0.5 <ht≤1m 6="0.2<H<sup">* R≤60% 4=CVR>60% 25 - 50</ht≤1m>	√S0.5m 7=HT<0.2m N/O=not observed >50
	INDANCE CODES:		N:	=NONE R=RARE	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 222	N/O=Not observed
STA	AND MATURITY:	PIONEER		YOUNG	MID-AGE	MATURE	OLD GROWTH
VEC	SETATION TYPE:	litu	a	Savannak	Hedgerou	CODE:HOD	Cus
	COMPLE	X				CODE:	

Evidence of Disturbance / Notes:

ABUNDANCE CODES: N=NONE R=RARE O			YER		DISTANCE	FROM RD.	observe
	411	2	3	4	≤5 m	>5 m	COLL
TREES:		Sin V			Tak flag	2000 March 2007 6: 10	11, 15, 17
SALALBAY. VITCHINA	0	D	N	N	0	D	
ACENEGU	N	Ó	N		0	0	
JUGNIGR	1	0	N	2	0	0	
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	-						
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SHRUBS:		= 1	111 5				
	1				THE REAL PROPERTY.		
			*				
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ROUND:	12.10	:				<i>(</i> *)	
GRASS EQ.	-	2 14 2 13 1		7	+		
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			<i>1</i> =\	-1-	-	N	
]			
	L						

ignature:

(Field Personnel)

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

Signature:

(Project Manager)

Extent of Physical Inve	estigation o	of Feature: 🔲-	Entire / 🗆	l-Partial,	walk through p	oolygon <i>(ind</i>	dicate on map)		
Reptile / Bat Hiberr	nacula Fe	[i.e. brid Col	Y* / 2-N / features the ge abutmentains por Y* / 2-N /	/ □-Unkinat would not would not or cul- tential bard of cul-	provide a route u verts with cracks/ at hibernacula	ss (*if yes, onderground, fentry points, features? ss (*if yes, o	describe in tabl including buried o	concrete vices or	or rock (e.g. foundations, inactive animal burrows)]
POTENTIAL HIBERN	ACULA FE	EATURE(S) ID	ENTIFIE	D		.,			
UTM		Fea	ture Desc	ription		Photo No.	Spp. C)bserve	d Using Feature
Bat Roosting Featu		Contains poter -Y* / 2-N / C [i.e. tall trees w	I-Unknow ith open	/n, no ac surround	cess (*if yes, c	describe in to	table below) acing cavities ~	10m hi	gh in tree]
UTM	Tree ID	Tree Spp.	DBH	Photo N	No. Decay Cl	ass (1-5)	No. of Cavities	Heigh	t and Type of Cavities
		N U							
Stiels Needs									
Stick Nests:			ntains lar Y* / 12-N /	ge stick i / <mark>□-Unk</mark> i	nests? nown, no acces	ss (*if yes, d	describe in tabl	e belov	v)
STICK NEST(S) IDENT									
UTM		ree ID	Tree	Spp.	Nest Size	Photo No	. Spp. (Jbserve	d Using Feature
Seeps/Springs/Vern	nal Pools:	Coi	ntains sed /* / □-N /	eps/sprir / □-Unkr	igs/vernal pool	s? ss (*if ves. (describe in tabl	e helov	v)
SEEP / SPRING / VERN	NAL POOL	FEATURE(S)	IDENTIF	TED					
UTM	Featu	re No. & Type	Feature (Diame	Size eter)	Water Depth	Photo No.	Sub/Emerger Spp. Prese		Shrubs/ Logs at Edge Present?
		<u> </u>	-			<u> </u>			
	OBSEDVA	TIONS (list spe	cies and t	ype of ol	oservation & in	dicate on m	ap)		
SPECIES & HABITAT	ODSERVA								
SPECIES & HABITAT	OBSERVA								
SPECIES & HABITAT	OBSERVA	-							
SPECIES & HABITAT	OBSERVA								

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

Stantec	Stantec Con 1 – 70 South Guelph, ON Canada N10 Tel: (519) 83 Fax: (519) 83	gate Dn 3 4P5 6-6050	/e	-lOwoodla	coadside EL nd & Wildlif sessment F	e Habitat
Project Number:	1609	502	69	Project Name:	NOUT F	1 (
Date:	035	arly	2012	Field Personnel:	1	arme
Weather Conditions:	TEMP (°	C):	WIND:	Part	PPT:	PPT (in last 24 hrs):
				POLYGON DES	CRIPTION	
				TOPOGRAPHIC F	EATURE	HISTORY
COMMUNITY DESCRIPTION &	POLYGON: START TIMI END TIME:	9- =: - 	7:15 7:20	☐ LACUSTRINE ☐ RIVERINE ☐ BOTTOMLAND ☐ TERRACE ☐ VALLEY SLOPE ☐ TABLELAND ☐ ROLL. UPLAND ☐ CLIFF	☐ TALUS ☐ CREVICE / CAVE ☐ ALVAR ☐ ROCKLAND ☐ BEACH / BAR ☐ SAND DUNE ☐ BLUFF	ETNATURAL E CULTURAL
STAND DESCRIP	TION:				H	
LAYER	нт	CVR	SPECIE	S IN ORDER OF D	ECREASING DOM	INANCE
1 CANOPY	2		QUEMA	TER THAN; >GRE	AIEK IHAN; = AB	OUT EQUAL TO)
2 SUB-CANOPY		3	QUENT	CREAGE	CAUSE	CENCOU
3 UNDERSTORE	Y 4-5	Ÿ	CORRACE	=>(1)(6	ANIA SGR	^
4 GRD. LAYER	6.7	Y	SOLCAN	A CAL	ANA = C	O ASC
HT CODES:	1=>25m			m 4=1 <ht≤2m 5="0.5</th"><th>5<ht≤1m 6="0.2<HT≤</th"><th>0.5m 7=HT<0.2m</th></ht≤1m></th></ht≤2m>	5 <ht≤1m 6="0.2<HT≤</th"><th>0.5m 7=HT<0.2m</th></ht≤1m>	0.5m 7=HT<0.2m
CVR CODES:	0=NONE	1=0%<	CVR≤10% 2=10 <c\< th=""><th>/R≤25% 3=25<cvr≤< th=""><th>50% 4=CVR>60% N</th><th>/O=not observed</th></cvr≤<></th></c\<>	/R≤25% 3= 25 <cvr≤< th=""><th>50% 4=CVR>60% N</th><th>/O=not observed</th></cvr≤<>	50% 4=CVR>60% N	/O=not observed
STANDING SNAGS:			A <10	10-24	N 25 – 50	N/ >50
ABUNDANCE CODES:		N:	NONE R=RARE	O=OCCASIONAL	A=ABUNDANT N	/O=Not observed
STAND MATURITY:	PIONEER		YOUNG	MID-AGE	MATURE	OLD GROWTH
VEGETATION TYPE:	Cultu	al	Savanna	h Hedgerow	CODE: HOD	CUS

CODE:

COMPLEX
Evidence of Disturbance / Notes:

ABUNDANCE CODES: N=NONE R=RARE O=		L	YER	1544	DISTANC	E FROM RD.	ODSEI VE
	E 130,100	2	3	4	≤5 m	>5 m	COLL
TREES:		this.	1		1 10 700		STARLED S
QUEMACR	D	D	0	N	D	NA	
FAGGRAN	A	A	R	M	A	(4)	_
ACENEGU	0	0	R	N	0	\/	
SHRUBS: CORRACE LONTART RHUTIPH CRACOCC	2222	0 O O O	D027	0222	D 0 0 R	NA	
CALCANA GRASS 90, DIPPULL SOLCANA			A	A. A. O. D.	A O D	N/A	

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

(Field Personnel)

Signature:

(Project Manager)

Extent of Physical In	1								
Reptile / Bat Hiber		i.e	-Y*/☑-N e. features to dge abutmo ontains po -Y*/☑-N e. karst topo	/ □-Unkno hat would prents or culver itential bat / □-Unkno ography, abar	ovide a route un ts with cracks/ nibernacula f	is (*if yes, inderground, entry points, eatures? is (*if yes,	describe in table including buried of	concrete vices or i	or rock (e.g. foundations, inactive animal burrows)]
POTENTIAL HIBER	NACULA I					T	T		
UTM		<u>Fe</u>	ature Desc	cription		Photo No	Spp. O	bserve	d Using Feature
:					······································				
Bat Roosting Feat			⊐-Unknov with open	vn, no acce surroundin	ss (*if yes, d	<i>escribe in</i> icm, side-f	table below) acing cavities ~	10m hiş	gh in tree]
POTENTIAL BAT RO UTM	Tree ID	Tree Spp.	DENTIFIE	Photo No.	Decay Cl	nes (1.5)	No. of Cavities	Heigh	t and Two of Covities
OTH	riceid	rree spp.	DBIL	I HOLO INO	Decay Ci	138 (1-3)	No. of Cavities	rzeign	t and Type of Cavities
			7						
Stick Nests:		Cc 	ontains lar ·Y* / ☑-N	ge stick ne / 🔲-Unkno	sts? wn, no acces	ss (*if yes,	describe în tabl	e belov	·)
STICK NEST(S) IDEN	TIFIED		·			T			
UTM		Tree ID	Tree	Spp.	Nest Size	Photo No	o. Spp. C	Observe	d Using Feature

						1			****
Seeps/Springs/Ver	nal Pool	s: Co	ontains se	eps/springs	s/vernal pools	s? ss (*if ves	describe in table	e helov	/)
SEEP / SPRING / VER	NAL POO				, ,,,, ,,,,	.0 (") 00,	doconoo iii tabi	0 001011	<i>'</i>
UTM	Fea	ture No. & Type	Feature (Diame	1 1/1/1	ater Depth	Photo No	Sub/Emergen Spp. Prese		Shrubs/ Logs at Edge Present?
SPECIES & HABITAT	ΓOBSERV	'ATIONS (list sp	ecies and	type of obse	ervation & in	dicate on n	nap)		
				9					_==
									* G
									8 11
) iii • (6)
^A	to poster UE	- Pading with	· 6V	most, UOt	mod bar AD	den servet Cd	S		track: VO=vocalization

Stantec Project Number: Date:	Guelph, ON Canada N1: Tel: (519) 83 Fax: (519) 8	G 4P5 66-6050 36-2493	Ltd. Coll. T	- Il Woodla	A 0 '	PPT (in last 24 hrs):
			Ü	POLYGON DES	CPIPTION	~(mm
				TOPOGRAPHIC F		HISTORY
COMMUNITY	POLYGON: START TIME:	10	1-11 17:28 17:30	□ LACUSTRINE IS RIVERINE □ BOTTOMLAND □ TERRACE □ VALLEY SLOPE □ TABLELAND □ ROLL. UPLAND □ CLIFF	☐ TALUS ☐ CREVICE / CAVE ☐ ALVAR ☐ ROCKLAND ☐ BEACH / BAR ☐ SAND DUNE ☐ BLUFF	GHIATURAL
STAND DESCRIPT	ION:					
LAYER	нт	CVR	SPECII	ES IN ORDER OF D	ECREASING DOMI ATER THAN; = ABO	NANCE
1 CANOPY		_		TER MARY ORE	ATEN THAN, - AD	JUT EQUAL TO)
2 SUB-CANOPY		-			· · · · · · · · · · · · · · · · · · ·	
3 UNDERSTORE	4-5	Ч	GRASSSI	D- TIP	AT	
4 GRD. LAYER	(1	4	GRACS	P.> + 1PI	-ATT	,
HT CODES: CVR CODES:	1=>25m 0=NONE	2=10<+ 1=0%<	łT≤25m 3 =2 <ht≤10 <cvr≤10% <b="">2=10<c< th=""><th>m 4=1<ht≤2m 5="0.:<br">√R≤25% 3=25<cvr≤< th=""><th>5<ht≤1m 6="0.2<HT≤0<br">60% 4=CVR>60% N/</ht≤1m></th><th>0.5m 7=HT<0.2m O=not observed</th></cvr≤<></ht≤2m></th></c<></cvr≤10%></ht≤10 	m 4=1 <ht≤2m 5="0.:<br">√R≤25% 3=25<cvr≤< th=""><th>5<ht≤1m 6="0.2<HT≤0<br">60% 4=CVR>60% N/</ht≤1m></th><th>0.5m 7=HT<0.2m O=not observed</th></cvr≤<></ht≤2m>	5 <ht≤1m 6="0.2<HT≤0<br">60% 4=CVR>60% N/</ht≤1m>	0.5m 7=HT<0.2m O=not observed
STANDING SNAGS:			N <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
VEGETATION TYPE: Shall	ow Ma	ws)			CODE: MAS	>
COMP	LEX				CODE:	
Tuidous of Dist					1	

Evidence of Disturbance / Notes:

LAYERS: 1=CANOPY >10m 2=SUB- ABUNDANCE CODES: N=NONE R=RAR SPECIES CODE	Mary Traffic	STAN LA	YER		DISTANC	E FROM RD	ODSCI V
	1	2	13.4	4	≤5 m	>5 m	COLL
REES:			1.11	1	2 00/18/00/2018/2019	1 (2) 4 (5) 4 (4) (4) (4) (4) (4) (4)	27-245
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HRUBS:			ļ	-			
							1
				<u> </u>			
ROUND:		17		= 12	ale di je me		
SRASS SP/	-		D	D	D	D	
TIPLATI	::		Pr	A	A	A	
			- ()		11	J**(
A. 2						142	

W:\tesource\Internal Info and Teams\text{VieLD FORMS\tegelation\text{VELC\troadside-etc-woodland-wildlife-habitat-form.docx } (DERIVED FROM LEE ET AL., 1998)

Signature:

(Field Personnel)

ELC Polygon: # 19	Assess	sment Type: 🖭	√isual; n	o acces	ss/🗖	-Walk throu	gh feature	е		
Extent of Physical In	vestigation	of Feature:	Entire / 🛭	⊒-Partia	al, wal	k through p	olygon <i>(in</i>	dicate on map)		
Reptile / Bat Hiber	nacula Fe	[i.e bri Co	Y* / 2-N . features to dge abutmo ontains po Y* / 2-N	/ -Ur that wou ents or c stential / -Ur	iknow Id prov ulverts bat hil	ride a route ur with cracks/e bernacula fe	s (*if yes, nderground, entry points eatures? s (*if yes,	describe in table including buried of	oncrete vices or i	or rock (e.g. foundations, nactive animal burrows)]
POTENTIAL HIBER	NACULA F				BIXATE	Will Hillos O	reares			
UTM		Fe	ature Des	cription			Photo No	o. Spp. C	bserve	l Using Feature
Bat Roosting Feat			J-Unknow with open	wn, no surrou	acces	s (*if yes, d	escribe in cm, side-l	table below) facing cavities ~	10m hig	gh in tree]
POTENTIAL BAT ROUTEM	Tree ID	· · · · · · · · · · · · · · · · · · ·	DENTIFIE	Photo	- NI-	D Cl.	(1.5)	NI C C - 10	Drop • a	4 127
OTM	Tree ID	Tree Spp.	DBU	Photo	0 140.	Decay Cla	ass (1-5)	No. of Cavities	Heigh	t and Type of Cavities
			<u> </u>	j						
Stick Nests:		Co	ontains la Y* / ☑-N	rge stic / □-Ur	k nest	ts? n, no acces	s (*if yes,	describe in tabi	e belov	1)
STICK NEST(S) IDEN										
UTM		Tree ID	Tree	Spp.		Nest Size	Photo N	o. Spp. (Observe	d Using Feature
Seeps/Springs/Ver	nal Pools	s: Co	ontains se	eps/sp	rings/	vernal pools	s? s (*if ves.	describe in tabl	e helov	()
SEEP / SPRING / VEF	NAL POO						· () · · ,	- Cooling III (Cool	0 00.01	
UTM	Feat	ure No. & Type	Feature (Diam		Wa	ter Depth	Photo No	Sub/Emerger Spp. Preso		Shrubs/ Logs at Edge Present?
SPECIES & HABITA	r observ.	ATIONS (list sn	ecies and	type of	obser	vation & in	dicate on r	nan)		
	. 02021(1)	TTTO (III (III II)	ocios and	t, pe or	00361	vation & in	illate on i	пару		
										100

S. C.		Stantec Coi 1 – 70 South Guelph, ON Canada N1 Tel: (519) 83 Fax: (519) 8	ngate Dri G 4P5 86-6050	Ltd. COII. T	Tile 19' _R -12 Woodlar As:	oadside EL0 nd & Wildlife sessment Fo	C, e Habitat orm
	Project Number:	1609	502	269	Project Name:	NRUC	ELC
	Date:	03	Sul	1 2012	Field Personnel:	74124	
Wea	ther Conditions:	TEMP (WIND:	CLOUD:	PPT:	PPT (in last 24 hrs):
					POLYGON DES		
	le le	011/001			TOPOGRAPHIC F	EATURE	HISTORY
DE	ELC SOMMUNITY	OLYGON: TART TIM ND TIME:	10	7:30	☐ TERRACE ☐ VALLEY SLOPE ☐ TABLELAND	☐ TALUS ☐ CREVICE / CAVE ☐ ALVAR ☐ ROCKLAND ☐ BACH / BAR ☐ SAND DUNE ☐ BLUFF	©MÁTURAL □ CULTURAL
STA	ND DESCRIPT	ION:					
	LAYER	нт	CVR	SPECIE (>>MUCH GREA	S IN ORDER OF D	ECREASING DOMI ATER THAN; = ABO	NANCE
1	CANOPY	2	1	FAGGRAN)	Walt Hirall, Abo	DOT EQUAL TO)
2	SUB-CANOPY	3	2	FAGORAL		<u></u>	
3	UNDERSTOREY		4	GRASS	1. ISOLCAN		E
4	GRD. LAYER	16 A	Ч	GRF.	1. 1 SOLCAN	JA 7 DIPF	
4 T C	ODES:	1=>25m	2=10<1	IT≤25m 3=2 <ht≤10< td=""><td>n 4=1<ht≤2m 5="0.5</td"><td>CHTC4- C-C-C-LIT-C</td><td><u> </u></td></ht≤2m></td></ht≤10<>	n 4=1 <ht≤2m 5="0.5</td"><td>CHTC4- C-C-C-LIT-C</td><td><u> </u></td></ht≤2m>	CHTC4- C-C-C-LIT-C	<u> </u>

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

Evidence of Disturbance / Notes:

ABUNDANCE CODES: N=NONE R=RAI	4	LA	YER	er in Special Co	DISTANCE	FROM RD.	DOCIVE
SPECIES CODE	1	2	3	4.5	≤5 m	>5 m	COLL
TREES:				BIPALTO C		-0111	and the
FAGGRAN	0	D	0	N		AIN	
SHRUBS:							
CRACOCC LONTART	2	A	02	22		MIA	
LONTART	1)	R	N	N		1/	
NO LINE							
GRASS SP.		_	D	D		NA	
GRASS SP. SOLCANA DIPFULL			Pr	A			
ASCS/R/ PARQUIN	garangen as		R R	R		/	
			9				
				_			
				_			
				-+			

(Field Personnel) (Project Manager)

Signature:

Signature: /

ELC Polygon: # 9-	2 Ass	sessn	nent Type:	0 -V	/isual; no	acces	s / 🗆	-Walk throu	igh featur	е				
Extent of Physical Inv	- restigat	tion of	f Feature:	Q-E	intire / 🗆	I-Partia	l, wal	k through p	olygon <i>(ii</i>	ndica	te on map)			
Reptile / Bat Hiber	nacula	a Fea		□-Y [i.e.: bridg Con □-Y	*/ @=N features the ge abutme tains po */ @-N	/ D-United the control of the contro	knowid provilverts bat hilk knowi	ide a route ui with cracks/o bernacula f	is (*if yes, iderground entry points eatures? is (*if yes,	, <i>des</i> l, inch s, exp	cribe in table uding buried co osed rock crev	oncrete ices or i	or rock (e.g. foundation nactive animal burrows	ıs.
POTENTIAL HIBER	NACUL	A FE.												
UTM				Feat	ure Desc	ription			Photo N	0.	Spp. O	bserve	l Using Feature	

		(6)	Σ.											
Bat Roosting Feat		[i	i.e. tall tree	/ 🗖	-Unknov th open	vn, no a surrour	acces	s (*if yes, d	escribe in cm, side-	<i>tabl</i> facin	e <i>below)</i> g cavities ~1	10m hiç	gh in tree]	
POTENTIAL BAT ROUTM	Tree		Tree Sp		DBH	Photo	No	Decay Cla	agg (1-5)	No	of Cavities	Haigh	t and Type of Cavitic	
01111	rice		rree sp		DDII	THOTO	110.	Decay Cia	133 (1-5)	140.	or Cavities	izeigii	and Type of Cavitie	S
	# **													
Stick Nests:			·	Con D-Y	itains lar '* / ☑-N	ge stick / <mark>□-Un</mark>	k nest know	is? n, no acces	s (*if yes	, des	cribe in table	e below)	
STICK NEST(S) IDEN	TIFIE		ID		- T			T N . C:		,				\Box
UTM		11	ree ID		Tree	Spp.		Nest Size	Photo N	10.	Spp. O	bserve	d Using Feature	\dashv
														\exists
Seeps/Springs/Ver	nal Po	ols:		Con	tains se	eps/spr	ings/	vernal pools n, no acces	s? ss (*if ves.	. des	cribe in table	e below	·)	_
SEEP/SPRING/VER	NAL P	OOL												٦
UTM]	Featur	re No. & Ty	pe	Feature (Diame		Wa	ter Depth	Photo No	o. S	Sub/Emergen Spp. Prese		Shrubs/ Logs at Ed Present?	ge
				-	······					_	·			_
					-									
SPECIES & HABITAT	OBSE	RVAT	TIONS (list	spec	cies and	type of	obser	vation & inc	dicate on	map)				
														1
CA=carcass: DP=distincti	ve parts:	FE=fe	eding evider	nce; l	FY=eggs/	nest: HC)=hous	se/den; OB=c	bserved; S	C=sc	at; SI=other si	gn; TK=	frack: VO=vocalization	1

			O N			
JA.	Stantec Con 1 – 70 South Guelph, ON Canada N10 Tel: (519) 83	ngate Dri G 4P5	Poly K	Woodla	Roadside EL0	Habitat
Stantec	Fax: (519) 8		1	As	sessment Fo	orm
Project Number:	1609	50	269	Project Name	NRUC	ELC
Date:	63	5.1	12012	Field Personnel	(A D)	arme
Weather Conditions:	TEMP ())	wind:	cronb:	PPT:	PPT (in last 24 hrs):
			0	POLYGON DES	CRIPTION	
				TOPOGRAPHIC F	EATURE	HISTORY
ELC	POLYGON: START TIM	19	13	☐ LACUSTRINE ☐ RIVERINE ☐ BOTTOMLAND	☐ TALUS ☐ CREVICE / CAVE ☐ ALVAR	EMATURAL CULTURAL
COMMUNITY		1	4.40	TERRACE VALLEY SLOPE	☐ ROCKLAND ☐ BEACH / BAR	į .
DESCRIPTION & CLASSIFICATION	END TIME:	-	7:50	DTABLELAND ROLL UPLAND CLIFF	SAND DUNE	
STAND DESCRIP	TION:					
LAYER	НТ	CVR	SPECI (>>MUCH GRE	ES IN ORDER OF D ATER THAN; >GRE	ECREASING DOMI ATER THAN; = AB(NANCE OUT EQUAL TO)
1 CANOPY	2	2	FAGGRA	+N >CARO		,
2 SUB-CANOPY		3	FAGGRA	N > CARON	AT TLONT	ART
3 UNDERSTORE	Y 4-5	4	GRASS S	p-> SoucAl	JA	
4 GRD. LAYER	(6.74	4	GRASS	50-> SOLCI	ANA	
HT CODES: CVR CODES:	1=>25m 0=NONE	2=10< 1=0%	HT≤25m 3= 2 <ht≤10 CVR≤10% 2=10<0</ht≤10 	Om 4=1 <ht≤2m 5="0.<br">VR≤25% 3=25<cvr≤< td=""><td>5<ht≤1m 6="0.2<HT≤0</td"><td>0.5m 7=HT<0.2m D=not observed</td></ht≤1m></td></cvr≤<></ht≤2m>	5 <ht≤1m 6="0.2<HT≤0</td"><td>0.5m 7=HT<0.2m D=not observed</td></ht≤1m>	0.5m 7=HT<0.2m D=not observed
STANDING SNAGS:			<10	P 10 – 24	25 – 50	>50
ABUNDANCE CODES:		N	=NONE R=RARE	O=OCCASIONAL	A=ABUNDANT N/	D=Not observed
STAND MATURITY:	PIONEER		YOUNG	MID-AGE	MATURE	OLD GROWTH
VEGETATION TYPE:	eral Cu	Itur	al Woodla	nd Hedavow	CODE: HOD/	CUWI
COMP	LEX				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. SPECIES CODE COLL. 1 2 3 4 ≤5 m >5 m TREES: FAGGRAN 10 D POPTREM N N 0 ACESASA N N \bigcirc CAROVAT A 0 A QUELLAR 0 COUERUBE 0 0 SHRUBS: ONTART NIA CORRACE 0 GROUND: GRASS OP D D A A A

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

ELC Polygon: # 19-1	<u>⊰</u> A:	ssessr	ment Type:	Q -1	∜isual; no	o acces	s / 🗆	-Walk throu	igh featur	е			
Extent of Physical In	- vestiga	ation o	of Feature:	- -E	Entire / 🗆	I-Partia	ıl, wal	lk through p	oolygon <i>(ir</i>	ndicate	on map)		
Reptile / Bat Hiber				[i.e. brid Cor -\	features to ge abutmentains po fr / G-N karst topo	/ □-Unithat would that would that would that or cutential I / □-Unithat the control of the contr	know d prov ilverts bat hi know	e hibernacu n, no acces ride a route un with cracks/ bernacula f n, no acces loned mines o	ss (*if yes, nderground entry points eatures? ss (*if yes,	desci , includ s, expos	ling buried c sed rock crev	oncrete ices or i	or rock (e.g. foundations, inactive animal burrows)]
POTENTIAL HIBERI	NACU	LA EE	EATURE(S)		ENTIFIE ture Desc				Photo N	n	Spp. O	hearvar	d Using Feature
				7 000	ture Desc	ription			I noto iv	0.	орр. О	DSCI VC	Comg reature
		<u> </u>											
Bat Roosting Feat POTENTIAL BAT RO			[i.è. tall tree	es w	I-Unknov ith open	vn, no a surrour	acces	ires? s <i>(*if yes, d</i> s, DBH >25	lescribe in icm, side-	<i>table</i> facing	below) cavities ~	10m hiç	gh i n tree]
UTM	Tree	dl s	Tree Sp	p.	DBH	Photo	No.	Decay Cl	ass (1-5)	No. o	f Cavities	Heigh	t and Type of Cavities
							·nr········						

Stick Nests:		-		Cor	ntains lar	ne sticl	nes	te?					
				<u> </u>	/* / @-N	/ 🔲-Un	know	n, no acces	ss (*if yes,	desci	ribe in tabl	e belov	<i>y</i>)
STICK NEST(S) IDEN	TIFIE	T	Curr ID	1	Т	C		N C*	701 / 51	. 1			
UTW		1	ree ID		1 ree	Spp.		Nest Size	Photo N	0.	Spp. C	bserve	d Using Feature
Seeps/Springs/Ver				<u> </u>	(* / 🖸 - N	/ 🗀-Unl	ings/ know	vernal pool	s? ss (*if yes,	desci	ribe in table	e below	()
SEEP / SPRING / VER	RNAL	POOL	FEATURE	E(S)					1	1 -			
UTM		Featu	re No. & T	ype	Feature (Diame		Wa	ter Depth	Photo No		b/Emergen Spp. Prese		Shrubs/ Logs at Edge Present?
									<u> </u>			·····	
SPECIES & HABITAT	OBS	ERVA	TIONS (list	t spe	cies and	type of	obser	vation & in	dicate on 1	пар)			
													5a

Stantec	Stantec Co. 1 – 70 South Guelph, ON Canada N1 Tel: (519) 83 Fax: (519) 8	G 4P5 86-6050	roiq 19	- I JANOOGIA	Roadside ELG and & Wildlife sessment Fo	Habitat
Project Number:	1609	50	269	Project Name	NRUC E	. C
Date:	03 5	uly	2012	Field Personnel	^ -	ame
Weather Conditions:	ZS	°C):	WIND:	CLOUP:	PPT:	PPT (in last 24 hrs):
			_	POLYGON DES	SCRIPTION	
				TOPOGRAPHIC I	EATURE	HISTORY
COMMUNITY DESCRIPTION 8	POLYGON: START TIME:	10	7:50	☐ LACUSTRINE ☐ RIVERINE ☐ BOTTOMLAND ☐ TERRACE ☐ VALLEY SLOPE ☐ TABLELAND ☐ ROLL. UPLAND ☐ CLIFF	☐ TALUS ☐ CREVICE / CAVE ☐ ALVAR ☐ ROCKLAND ☐ BEACH / BAR ☐ SAND DUNE ☐ BLUFF	ETNATURAL
STAND DESCRIPT	TION:			LICUTT		
LAYER	нт	CVR	SPECIE (>>MUCH GREA	S IN ORDER OF D	DECREASING DOMI	NANCE
1 CANOPY	Approx.				MILK MAN, - ABC	OF EQUAL TO)
2 SUB-CANOPY	*					
3 UNDERSTOREY	4-5	Ч	TIPLAT	> ORAS	5	
4 GRD. LAYER	(n-7-	-{	STIPLAT	1 > GEAS	5 50.	
HT CODES: CVR CODES:	1=>25m 0=NONE	2=10<+ 1=0%-	HT≤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>5<ht≤1m 6="0.2<HT≤0<br">60% 4=CVR>60% N/0</ht≤1m></th><th>.5m 7=HT<0.2m D=not observed</th></cvr≤<></ht≤2m></th></c\<></ht≤10 	m 4=1 <ht≤2m 5="0.<br">/R≤25% 3=25<cvr≤< th=""><th>5<ht≤1m 6="0.2<HT≤0<br">60% 4=CVR>60% N/0</ht≤1m></th><th>.5m 7=HT<0.2m D=not observed</th></cvr≤<></ht≤2m>	5 <ht≤1m 6="0.2<HT≤0<br">60% 4=CVR>60% N/0</ht≤1m>	.5m 7=HT<0.2m D=not observed
STANDING SNAGS:			<10	10 – 24	25 - 50	>50
ABUNDANCE CODES:		N	=NONE R=RARE	O=OCCASIONAL	A=ABUNDANT N/C	D=Not observed
STAND MATURITY:	PIONEER		YOUNG	∨MID-AGE	MATURE	OLD GROWTH
VEGETATION TYPE:	Catto	il S	hallow Me	ush	CODE: MAC	
COMP	LEX				CODE:	

Evidence of Disturbance / Notes:

LAYERS: 1=CANOPY >10m 2=SUB- ABUNDANCE CODES: N=NONE R=RAR SPECIES CODE	ildi bosa	L	YER	1003454	DISTANC	E FROM RD	Observe
		2	3	4	≤5 m	>5 m	COLL
REES:				2 2 2 2 2 2 2 2 2	Carteria Control	1 10 11 2 20 10	4 1 1
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HRUBS:				 _ _ _ 			
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ROUND:							
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SPP 35 SP-			A	A			
			()	- 1-	F-)	<u>A</u>	
	-						

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

ELC Polygon: # 9-	14 Ass	sessme	ent Type:	<u>0-</u> V	lisual; no	acces	ss/🗖	-Walk throu	igh featur	е			
Extent of Physical Inv	estigat	ion of I	Feature:	Q -E	intire / 🗆	I-Partia	al, wal	k through p	olygon (ir	ndica	ate on map)		
Reptile / Bat Hiber	nacula	Feat		□-Y [i.e.: bridg Con □-Y	* / 🗀-N , features the ge abutme tains po * / 🗠-N ,	/ □-Un hat would hats or contential / □-Un	know Id prov ulverts bat hi know	ide a route un with cracks/o bernacula f	is (*if yes, inderground entry points eatures? is (*if yes,	, <i>des</i> I, incl s, exp	scribe in table luding buried coosed rock crev scribe in table	oncrete ices or i	or rock (e.g. foundations, nactive animal burrows)]
POTENTIAL HIBER	NACUL	A FEA				~ ~ · ·							
UTM				Feat	ure Desc	ription			Photo N	0.	Spp. O	bserve	l Using Feature
										_			
		······································	***************************************							-			
							DOBOT NO.						(Charles and Char
Bat Roosting Feat	ures:		ontains po -Y* / ⊡- Ñ e. tall tree	/ 🗆	-Unknow	vn, no a	acces	s (*if yes, d	escribe in cm, side-	n tabi -facir	le below) ng cavities ~1	IOm hío	ah in treel
POTENTIAL BAT RO	OSTIN											`	
UTM	Tree	ID	Tree Spp).	DBH	Photo	No.	Decay Cla	ass (1-5)	No.	of Cavities	Heigh	t and Type of Cavities

Stick Nests:				Con	tains lar	ge stic / □-Un	k nest	ts? n, no acces	ss (*if yes,	, des	scribe in table	below	()
STICK NEST(S) IDEN	TIFLE												-
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		·····								\dashv	H-Mmm		
		***************************************				·····			<u> </u>	\neg	· · · · · · · · · · · · · · · · · · ·		
Seeps/Springs/Ver	nal Po	ols:		Con	tains se	eps/spi	rings/	vernal pools	s? is (*if ves	des	scribe in table	helow	()
SEEP / SPRING / VER	NAL P	OOL F						,	. 	, 400	ondo in table	00,011	/
UTM	F	eature	No. & Ty	ре	Feature (Diame		Wa	ter Depth	Photo No	o. S	Sub/Emergen Spp. Prese		Shrubs/ Logs at Edge Present?
			***************************************	\dashv	***************************************	***************************************				-			
SPECIES & HABITAT	OBSE	RVATI	IONS (list	spec	ies and i	type of	obser	vation & inc	dicate on 1	man)	١		
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													4 °
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CA=carcass: DP=distincti	ve parts:	FE=fee	ding evider	ice; f	Y=eggs/	nest: HC)==hous	se/den; OB=c	bserved: S	C=sc	at; Sl=other si;	gn; TK=	track: VO=vocalization

D9Active(160950269)planningldrawinglmxd/20120423_NHA_Fieldmaps\1160950269_Release_17_ELC_Collector_Map_Book_20120613.my

NRWC roadside ELC Figures 13-17, 19

Mark ups

Services of

__ Legend

Proposed T Line Route
Proposed Collector 120m Buffer

Turbines in Signed Lands

Standard Turbine (105 dBA)

Potential Turbine Locations

Turbines in Unsigned Lands

Standard Turbine (105 dBA)

51 m Turbine Setback

Proposed Collector Cable

Alternate Collector Cable Route

Preliminary Study Area

Signed Property

Signed Property - Outside Study Area

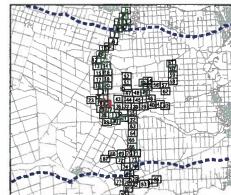
Potential Signed Property

Potential Signed Property - Outside Study Area

ELC Boundary

Provincially Significant Wetland

Other/Locally Significant Wetland
Property Boundary



Notes

- 1. 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

Niagara Region Wind Corporation
Amphibian Field Maps

Figure No.

25

Proposed Collector Route Map 25

d: 2012-06-14 By: bcowper

Legend



Veather Conditions: TE 2 Veather Conditions: TE 2 FOLYO START COMMUNITY DESCRIPTION & CLASSIFICATION	25 - TTIME: 1:05	269 8, 20	VIZ WIND:	POLY TOPO	oject Name: d Personnel: cloud: 70 c/o /GON DES GRAPHIC F USTRINE ERINE TTOMLAND RRACE LEY SLOPE BLELAND		CAVE D	PPT (in last 24 hrs VOCA HISTORY TNATURAL CULTURAL
Date: 50 Weather Conditions: 2 FLC COMMUNITY DESCRIPTION & END T STAND DESCRIPTION	GON: 35 - T TIME:	8,20	WIND:	POLY TOPO DIAC DISO DISO DISO DISO DISO DISO DISO DISO	CLOUD: 70 C/o GON DES GRAPHIC F USTRINE ERINE TOMLAND RACE LLEY SLOPE BLELAND	CRIPTION EATURE DITALUS DICREVICE / DIALVAR DIROCKLAND DIBEACH / BA	CAVE D	MISTORY ANATURAL
ELC COMMUNITY DESCRIPTION & CLASSIFICATION STAND DESCRIPTION	GON: 25 - T TIME: 1:05			POLY TOPO LAC RIVA LIBOT LITER LIVAL LITAB	GON DES GRAPHIC F JUSTRINE ERINE TTOMLAND RRACE LLEY SLOPE BLELAND	CRIPTION EATURE DITALUS DICREVICE / DIALVAR DIROCKLAND DIBEACH / BA	CAVE D	MISTORY ANATURAL
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2 SUB-CANOPY		J						
3 UNDERSTOREY								
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STANDING SNAGS:			<10		10 – 24	25 –	50	>50
ABUNDANCE CODES:		N=NON	E R=RAR	E 0=0	OCCASIONAL	A=ABUNDAN	NT N/C	D=Not observed
STAND MATURITY: PK	ONEER	1	DUNG	M	MD-AGE	MATURE		OLD GROW

CODE:

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ELC Polygon: #25									
Extent of Physical I	nvestigation o	of Feature: 🔲-	Entire / C	J-Partial, w	alk through	polygon (in	dicate on map)		
Reptile / Bat Hibe	ernacula Fe	i.e li.e brid Co	Y* / Ø-N . features to fige abutino ntains po Y* / Ø-N	/ □-Unknown hat would property or culver fential bat I / □-Unknown	wn, no acce wide a route it is with cracks hibernacula wn, no acce	underground, s/entry points, features? ess (*if yes,	describe in table including buried	concrete vices or	or rock (e.g. foundations, inactive animal burrows)]
POTENTIAL HIBEI	RNACULA FE				doned mines	or caves			
UTM		Fea	ture Desc	cription		Photo No	. Spp. C	Observe	d Using Feature
Bat Roosting Fea		Contains poter	1-Unknov	vn, no acce	ss (*if yes, o	describe in	table below)		
POTENTIAL BAT R	OOSTING FI	EATURE(S) ID	ENTIFIE	surrounain _!	gs, DBH >2	5cm, side-fa	acing cavities ~	10m hi	gh in tree]
UTM	Tree ID	Tree Spp.	DBH	Photo No.	Decay C	lass (1-5)	No. of Cavities	Heigh	t and Type of Cavities
Stick Nests:		Co.	ntains laf Y*/@-N	ge stick ne: / □-Unknov	sts?	ss (*if yes,	describe in tabl	le belov	v)
STICK NEST(S) IDE									
UTM	T	ree ID	Tree	Spp.	Nest Size	Photo No	. Spp. (	Observe	d Using Feature
Seeps/Springs/Ve		Q-Y	Y* / 🗆-N /	Unknov	/vernal poo	ls? ss (*if yes, d	describe in tabl	e below	0
SEEP/SPRING/VE	RNAL POOL	FEATURE(S)	IDENTIF	TED					
UTM	Featu	re No. & Type	Feature (Diame	L W	ater Depth	Photo No.	Sub/Emerger Spp. Prese		Shrubs/ Logs at Edge Present?
SPECIES & HABITA	T OBSERVA	ΓΙΟΝS (list spe	cies and t	ype of obse	vation & in	dicate on m	ap)		
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Stante	1 – Gue Car Tel.	ntec Cons 70 Southg liph, ON ada N1G (519) 836 : (519) 83	ate Drivi 4P5 5-6050		Woodlar	oadside ELC nd & Wildlife sessment Fo	Habitat
Project Nur		0000	200		Project Name:	NRWC	
	Date:	we.	28	2012	Field Personnel:		
Veather Conditi	ons:	TEMP (%)	C):	WIND:	CLOUD:	PPT:	PPT (in last 24 hrs
	24				POLYGON DES	CRIPTION	100
					TOPOGRAPHIC F	EATURE	HISTORY
ELC COMMUNIT DESCRIPTIO	ST/	YGON: ART TIM	S-2 :10		☐ LACUSTRINE ☐ RIVERINE ☐ BOTTOMLAND ☐ TERRACE ☐ VALLEY SLOPE ☐ TABLELAND	☐ TALUS ☐ CREVICE / CAVE ☐ ALVAR ☐ ROCKLAND ☐ BEACH / BAR ☐ SAND DUNE	ETNATURAL E CULTURAL
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ABUNDANCE CODES: N=NONE R=RARE		LA	YER		DISTANCE	COLL	
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(Field Personnel)

(Project Manager)

	Assessment Type: ☐- nvestigation of Feature: ☐-						
Reptile / Bat Hibe	i.e brid Co	-Y* / □-N / c. features that dge abutmen ontains pote -Y* / □-N /	at would prov its or culverts <b>ential bat hi</b> l	n, no accestide a route us with eracks/ibernacula to, no acces	ess (*if yes, anderground, /entry points features? ss (*if yes,	describe in table in table including buried of	concrete or rock (e.g. foundations vices or inactive aufmal burrows)
	RNACULA FEATURE(S) ID			Office mines	or caves ₁		
UTM	Fes	ature Descr	iption		Photo No	Spp. C	Observed Using Feature
Bat Roosting Feat	□-Y*/□-N/Œ (i.e. tall trees w	<b>I</b> -Unknowr with open s	n, no access surroundings	s (*if ves. o	describe in	table below)	10m high in tree]
	OOSTING FEATURE(S) ID	ENTIFIED	D	1 1 1		aung comme	Tom High in tree]
UTM	Tree ID Tree Spp.	DBH	Photo No.	Decay Cl	lass (1-5)	No. of Cavities	Height and Type of Cavities
Stick Nests:	<u> </u>	ntains larg Y* / ロ-N /	je stick nest ☑-Unknowi	s? n, no acces	ss (*if yes,	describe in tabl	e below)
STICK NEST(S) IDEN	NTIFIED Tree ID	Tree S	2	Nort Cine	I DE -to No	S (	
O I I I	11cc to	11000	pp.	Nest Size	Photo No	). Spp. C	Observed Using Feature
Seeps/Springs/Ver	Q-1	Y*/ 🗆-N / 🛭	ps/springs/v ᡌ-Unknowr	vernal pools	s? ss (*if yes,	describe in table	e below)
SEEP / SPRING / VER	RNAL POOL FEATURE(S)	IDENTIFI	ED	u i nes	# 1		
UTM	Feature No. & Type	Feature S (Diamete		ter Depth	Photo No.	Sub/Emergen Spp. Prese	ont Veg. Shrubs/ Logs at Edge Present?
		plis					
	TAP.		1.31				
SPECIES & HABITAT	T OBSERVATIONS (list spe	ecies and ty	pe of observ	vation & inc	dicate on n	tan)	
		11-21		and a	untate our		

Stantec	1 – 70 Guelp Cana Tel: (		6050		Woodla	oadside ELC nd & Wildlife sessment Fo	Habitat
Project Number	. 1	109	5026	9	Project Name:	NRUC	
Date	-	-776- 	28,2	1012	Field Personnel:		
Veather Conditions:		TEMP (°	C):	WIND:	CLOUD:	PPT: Nove	PPT (in last 24 hrs)
					POLYGON DES	CRIPTION	
					TOPOGRAPHIC F	EATURE	HISTORY
ELC  COMMUNITY DESCRIPTION & CLASSIFICATION	STAL	YGON: RT TIM TIME:	3		D LACUSTRINE D RIVERINE D BOTTOMLAND D TERRACE D VALLEY SLOPE D TABLELAND	☐ TALUS ☐ CREVICE / CAVE ☐ ALVAR ☐ ROCKLAND ☐ BEACH / BAR ☐ SAND DUNE	CULTURAL
CLASSIFICATION					CLIFF	O BLUFF	
PARTE E	<u></u>	N:	T	SPEC	CLIFF		INANCE
PARTE E	<u></u>	N: HT	CVR			DECREASING DOM	
TAND DESCRI	<u></u>	Γ	CVR		CLIFF	DECREASING DOM	
STAND DESCRI LAYER 1 CANOPY	PTIO	Γ	CVR		CLIFF	DECREASING DOM	
LAYER 1 CANOPY 2 SUB-CANO	PTIO	Γ	CVR		CLIFF	DECREASING DOM	OUT EQUAL TO)
LAYER 1 CANOPY 2 SUB-CANO	PTIO PY REY	Γ	ij	(>>MUCH GRE	CLIFF  CIES IN ORDER OF I EATER THAN; >GRE	DECREASING DOMESTER THAN; = AB	OUT EQUAL TO)
LAYER  1 CANOPY 2 SUB-CANOI 3 UNDERSTOR 4 GRD. LAYER T CODES:	PTIO	HT 4 5-7 1=>25m	2=10<	(>>MUCH GRE	CLIFF  CIES IN ORDER OF I	DECREASING DOMESTER THAN; = AB	OUT EQUAL TO)  Cattaila  0.5m 7=HT<0.2m
LAYER  1 CANOPY 2 SUB-CANOI 3 UNDERSTOR 4 GRD. LAYER IT CODES:	PTIO PY REY	HT 4 5-7 1=>25m	2=10<	(>>MUCH GRE	CLIFF  CIES IN ORDER OF I EATER THAN; > GRE  CAN PLOW DATE: 10ml 4=1<+HT<2ml 5=1	DECREASING DOMESTER THAN; = AB	OUT EQUAL TO)  Cattaila  0.5m 7=HT<0.2m
LAYER  1 CANOPY 2 SUB-CANOI 3 UNDERSTOR 4 GRD. LAYE T CODES: CVR CODES: STANDING SNAG	PTIOIPY REY	HT 4 5-7 1=>25m	2=10<+ E 1=0%	(>>MUCH GRE	CLIFF  CIES IN ORDER OF I  EATER THAN; > GRI  ON 9000 A CO.  1001 4=1 <hts2m 3="25&lt;CVR&lt;/td" 5="0" cvr<25%=""><td>DECREASING DOM EATER THAN; = AB 1000 1 100 0 0 0 0 0 0 0 0 0 0 0 0 0 0</td><td>Cattaila 0.5m 7=HT&lt;0.2m</td></hts2m>	DECREASING DOM EATER THAN; = AB 1000 1 100 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Cattaila 0.5m 7=HT<0.2m
LAYER  1 CANOPY 2 SUB-CANOI 3 UNDERSTOR	PTIO	HT 4 5-7 1=>25m	2=10<  E 1=0%	(>>MUCH GRE    Au   Au     Au   Cana   Tis25m 3=2 <hts 2="10&lt;" <10<="" cvrs10%="" td=""  =""><td>CLIFF  CIES IN ORDER OF I EATER THAN; &gt;GRI  CAN 9000 AGA  1001 4=1&lt;+T&lt;2m 5=( CVR&lt;25% 3=25<cvr< td=""><td>DECREASING DOM EATER THAN; = AB 0.5<hts1m 8="0.2&lt;HTS&lt;br">25-50 N</hts1m></td><td>Cottailo  50.5m 7=HT&lt;0.2m  1/O=not observed</td></cvr<></td></hts>	CLIFF  CIES IN ORDER OF I EATER THAN; >GRI  CAN 9000 AGA  1001 4=1<+T<2m 5=( CVR<25% 3=25 <cvr< td=""><td>DECREASING DOM EATER THAN; = AB 0.5<hts1m 8="0.2&lt;HTS&lt;br">25-50 N</hts1m></td><td>Cottailo  50.5m 7=HT&lt;0.2m  1/O=not observed</td></cvr<>	DECREASING DOM EATER THAN; = AB 0.5 <hts1m 8="0.2&lt;HTS&lt;br">25-50 N</hts1m>	Cottailo  50.5m 7=HT<0.2m  1/O=not observed
LAYER  1 CANOPY 2 SUB-CANOI 3 UNDERSTOR 4 GRD. LAYE 1T CODES: CVR CODES: ESTANDING SNAG ABUNDANCE CODES STAND MATURIT VEGETATION TYPE	PY REY S: S: Y:	HT 4 5-7 1=>25m 0=NONE	2=10<  E 1=0%	(>>MUCH GRE  (>>MUCH GRE  (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200) (200	CLIFF  CIES IN ORDER OF I EATER THAN; > GRE  COMPANY STATEMENT STA	DECREASING DOM EATER THAN; = AB  A + OU NO O  .5 <hts1m 4="CVR" 8="0.2&lt;HTS" s60%="">60% N  A=ABUNDANT N</hts1m>	COHOLO D.5m 7=HT<0.2m I/O=not observed   >50 I/O=Not observed   OLD GROWTI

ABUNDANCE CODES: N=NONE R=RARE O=	L. Sur		ÆR		DISTANCE	11.00	
SPECIES CODE	4100	2	3	4	≤5 m	>5 m	COLL
REES:	2(55)	nd III	4F- 37	- 45	Ti Etelle		78
		121			- 1		l let
		19			1	(4)	12
		F=1	1 -	3/	1		
	$=^{\Gamma}$ $-1$	19 T	1 7		E 3	1	III.
		181	T				1100
					E- 4		
					TQ T	102	
	<b>_</b>	134.5	1 2	200			_
				-		10	
	<b>_</b>		1 0	-		171	
						-	
	V. F 1	- Calcula		discount.		2 5	
HRUBS:	· Warrant	1,347.5	R	1 232	#1. 6上後。 一切 70 年	10	
villow Sp.					20.1	0 10	_
	+	-			W 32 F		
	1	-	3		6 61		
	1-	1 1	F 2	3 =	5 24	E 5	
			4.5 =	B. 1	2 m L	<b>2 3</b>	
		1 1	ăl E	3.5	1 31	¥ - 5	
The state of the s		III.		FUE	7 2 1	81 35	
		1	JE I	12.1	140 = 2	<b>a a</b>	- 1
		13	1   1	₩.		(0) =	1
		18	排製 美	8 /# E		15 = 1	П
		159.1	#15 1	25 X	ELH		
ROUND:	1 514	100 mm 1	di Seri	Wed a	三人里子	72 ML	
Pead (avang grass Norman leaned Calter) Ar was bead prickentweed? Dickwood water Strantweed giant bur-reed bulloon Sp.	1	13		1	1751		
Jonas (eared Calter)		17		O-A			
Arions head pickenthreed?				0			
Dickwood 1			1	1	11 11	.H	
rate Smaturel			<u> </u>				
giant bur-reed		1 5	F	40_	- 44 8		
Youllook Sp.			ļ	0	35 11	-	-
						E - 100	+
		-	-	-	2		-
			-		177.5		
		7	-	+		191 11	
	1				195-48		1/
		Qual	ity Conti	rol:This f	orm is comp	lete 🗆 & legi	ble □.
Signature:			Signatu				

ELC Polygon: # 2	5-3 As	ssessment Type: 🗹	-Visual: n	o access / 🗆	I-Walk thro	uch featur		***	nile Habitat Assessment For
Reptile / Bat Hibe	rnacul	i bri	-Y* / □-N c. features of dge abutmontains portains -Y* / □-N	def-Unknow that would prove cuts or culverts otential bat his Unknow	n, no acce ride a route o with cracks bernacula n, no acce	ess (*if yes, underground s/entry points features? ess (*if yes,	describe in tab , including buried , exposed rock cre	conercte vices or	or rock (e.g. foundations, inactive animal burrows)
Stick Nests:  Contains large stick nests? Y*/N/Unknown, no access (*if yes, describe in table below)  Tree ID  Tree Spp.  Nest Size Photo No.  Spp. Observed Using Feature  Seeps/Springs/Vernal Pools:  Contains seeps/springs/vernal pools?									
UTM		Fe	ature Des	cription		Photo No	o. Spp. (	Observe	d Using Feature
Bat Roosting Fea	tures:	□-Y*/□-N/0	<b>3</b> -Unknov	wn, no acces	s (*if yes, e	describe in	table below)		
POTENTIAL BAT R	OOSTIN	[i.e. tall trees v	with open	surrounding	s, DBH >2	5cm, side-l	facing cavities ~	10m hi	gh in tree]
				7	Decay C	lass (1-5)	No. of Cavities	Heigh	at and Type of Cavities
Stick Nests:		Co	ontaine la	rge stick post	02				
	NUMBER	<u> </u>	Y* / 🗆 - N	/ D-Unknow	n, no acce	ss (*if yes,	describe in tabl	e belov	v)
	NTIFIE		Tree	Spp.	Nest Size	Photo No	Snn (	Theoryo	d Lising Facture
						I moto i v	ь. Брр. С	70361 46	d Osing Feature
				<u> </u>	***************************************			30	
		<b>-</b>	Y* / 🗆 - N	/ D-Unknow	ernal pool	ls? ss <i>(*if ves</i> .	describe in tabl	e belov	v)
SEEP / SPRING / VE	RNAL P	OOL FEATURE(S)	IDENTII	FIED	1 1 12				
UTM		Feature No. & Type			ter Depth	Photo No	Sub/Emerger Spp. Prese	nt Veg.	Shrubs/ Logs at Edge Present?
SPECIES & HABITA	T OBSE	RVATIONS (list sne	ecies and	tyne of observ	ation & in	digate on n	1		
	At Roosting Features:  Contains potential bat roosting features?  L'Y'   L'N   L'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]  OTENTIAL BAT ROOSTING FEATURE(S) IDENTIFIED  UTM Tree ID Tree Spp. DBH Photo No. Decay Class (1-5) No. of Cavities Height and Type of Cavities  Lick Nests:  Contains large stick nests?  L'Y'   L'N   L'Inknown, no access ("if yes, describe in table below)  FICK NEST(S) IDENTIFIED  UTM Tree ID Tree Spp. Nest Size Photo No. Spp. Observed Using Feature  Deps/Springs/Vernal Pools:  Contains seeps/springs/vernal pools?  L'Y'   L'N   L'Unknown, no access ("if yes, describe in table below)  Deps/Springs/Vernal Pools:  Contains seeps/springs/vernal pools?  L'Y'   L'N   L'Unknown, no access ("if yes, describe in table below)  Deps/Springs/Vernal Pools:  Contains seeps/springs/vernal pools?  L'Y'   L'N   L'Unknown, no access ("if yes, describe in table below)  Deps/Springs/Vernal Pools:  Contains seeps/springs/vernal pools?  L'Y'   L'N   L'Unknown, no access ("if yes, describe in table below)  Deps/Springs/Vernal Pools:  Contains seeps/springs/vernal pools?  L'Y'   L'N   L'Unknown, no access ("if yes, describe in table below)  Deps/Springs/Vernal Pools:  Sub/Emergent Veg. Shrubs/ Logs at Edge								
					Ted.		70		1111-1211-4

	Stantec Consulti 1 – 70 Southgate Gueiph, ON Canada N1G 4P! Tel: (519) 836-60: Fax: (519) 836-24	Drive 5 50	Woodla	oadside EL nd & Wildlif sessment F	e Habitat
Stantec					
Project Number:	100 (30)		Project Name:		
Date	Jue 38	2012	Field Personnel:	C.Paug H	<
	TEMP (°C):	WIND:	CLOUD:	PPT:	PPT (in last 24 hrs):
Veather Conditions:	29	3	7090	have	have
			POLYGON DES	CRIPTION	
			TOPOGRAPHIC F	EATURE	HISTORY
ELC  COMMUNITY DESCRIPTION & CLASSIFICATION	POLYGON:  START TIME:  ():50  END TIME:	4	D LACUSTRINE  RIVERINE D BOTTOMLAND TERRACE D VALLEY SLOPE TABLELAND D ROLL, UPLAND	☐ TALUS ☐ CREVICE / CAVI ☐ ALVAR ☐ ROCKLAND ☐ BEACH / BAR ☐ SAND DUNE ☐ BLUFF	E CULTURAL
STAND DESCRI			CIES IN ORDER OF I		
1 CANOPY	23/2		willow green	and Ilian	
2 SUB-CANOP	, Y	1 10000 1010	) (5,110,100)		
3 UNDERSTOR	EY 344 3	3 gray cos	wood		
4 GRD. LAYE		1 Been C	Owour grava	Dooblewood	o) gedal so
IT CODES: CVR CODES:			\$10m <b>4=0</b> <h<b>V\$2m <b>5</b>=0 <cvr\$25% <b="">3=25<cvr< td=""><td></td><td></td></cvr<></cvr\$25%></h<b>		
STANDING SNAGS	3:	N <10	10-24	MO 25 - 50	MØ >50
ABUNDANCE CODES	ia:	N=NONE R=RAI	RE O=OCCASIONAL	A=ABUNDANT	N/O=Not observed
STAND MATURITY	r: PIONEER	YOUNG	MID-AGE	MATURE	OLD GROWTH
VEGETATION TYP	E: Deed Como	M weado	Scane	CODE: MAM 2	-2
COI	MPLEX	- G		CODE:	
Evidence of Dis	turbance / No	tes: Pour or ke	notreds - 10-	erched on	Srag.
R	atlyolo	il aband	ioned resi	dence	

ABUNDANCE CODES: N=NONE R=RAR		LA	ÆR.		DISTANCE	FROM RD.	
SPECIES CODE	10	12	集3年	4	≤5 m	>5 m	COLL.
TREES:				3.4	ATTACKS		TE !
Lilac Lower price green as a peopler sp	0			<u> </u>			
lilac	G						
Now any force	2	1 7			-		<b></b>
green ass	0			<u> </u>			12
poolar sp	a	116	1 =				
191		LO					
				1			
						ļ	
	T-1						
				10			
shrubs:			5.80		a Principal	-= =	
grave close react		0					
3 10 30		7					1
						H E	
			шт		E1 325 [		
	<b>417</b>				991		
					22		
	_ T   I						
		15			11.11		
				三二			
	= 1			=	7 17		
	=1 1			= 19	1.1		
GROUND:		STEE .	196	g Dy.A.	PART D	2	
Deed Courant aproso				ID	- 150	9	
coldenado				0			
Ged Cangus grand golden of Solge Sp	5-1			R		1 3	
						F	<u> </u>
	EVI II	1, 1				4 9	1
			T				
						1 1	
	511						
							<u> </u>
					= 1		

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

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

Reptile / Bat Hiber	nacula Fe	i.e. fi.e. brid Cor	Y* / □-N . features t lge abutme ntains po Y* / □-N	/ 2-Unknown that would prove costs or culverts otential bat hil / 2-Unknown	in, no accesside a route un with eracks/bernacula f n, no acces	ss (*if yes, nderground, entry points features? ss (*if yes,	describe in table including buried of exposed rock cre-	concrete or vices or in:	rock (e.g. foundations, tetive animal burrows)]
Extent of Physical Investigation of Features:									
			Feature Description				Spp. C	bserved l	Using Feature
Bat Roosting Feat	Iros.	Contains noten	tial hat r	costing featu					
		[i.e. tall trees w	-Unknov ith open	wn, no access surroundings	s (*if yes, d	escribe in icm, side-f	table below) acing cavities ~	10m high	in tree]
		T		1	Decay Cla	nss (1-5)	No. of Cavities	Height a	and Type of Cavities
Stick Nests:		Cor	ntains la	rge stick nest	is?				
STICK NEST(S) IDEN	TIFIED	<u> </u>	<u>~ / ⊔-N</u>	/ 🗗 - Unknowr	n, no acces	s (*if yes,	describe in table	e below)	
UTM	1	ree ID	Tree	Spp.	Nest Size	Photo No	). Spp. C	)bserved	Using Feature
		Y	/* / O-N	/ II-Unknown	remal pools	s? s (*if yes,	describe in table	e below)	
		FEATURE(S)	DENTIF	FIED					
UTM	Featu	re No. & Type			er Depth	Photo No.			
	1					,			

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

Stantec	Stantec Cons 1 – 70 Southg Guelph, ON Canada N1G Tel: (519) 836 Fax: (519) 83	ate Drive 4P5 -6050		Roadside ELC, Woodland & Wildlife Habitat Assessment Form				
Project Number:	160950	3260	1	Project Name:				
Date:			2012	Field Personnel:	/			
Veather Conditions:	TEMP (%	C):	WIND: 3	CLOUD:	PPT: Nove	PPT (in last 24 hrs):		
	,			POLYGON DES	CRIPTION			
				TOPOGRAPHIC F	EATURE	HISTORY		
ELC  COMMUNITY DESCRIPTION & CLASSIFICATION	POLYGON: START TIME:	:- E: \oC	) )	☐ LACUSTRINE ☐ RIVERINE ☐ BOTTOMLAND ☐ TERRACE ☐ VALLEY SLOPE ☐ TABLELAND ☐ ROLL. UPLAND ☐ CLIFF	☐ TALUS ☐ CREVICE / CAVE ☐ ALVAR ☐ ROCKLAND ☐ BEACH / BAR ☐ SAND DUNE ☐ BLUFF	ENATURAL □ CULTURAL		
STAND DESCRIP	TION:							
LAYER	НТ	CVR			DECREASING DOM EATER THAN; = AB			
1 CANOPY	7	4	a per asa	>> Bur oal				
2 SUB-CANOP	Υ		0	1				
3 UNDERSTOR	EY 3.H	)	grandos	NooCl				
4 GRD. LAYER		3	Reed car	aurogada				
IT CODES:					0.5 <ht≤1m 6="0.2&lt;HT≤&lt;br">≤60% 4=CVR&gt;60% N</ht≤1m>			
STANDING SNAGS	:		N <10	N 10 - 24	/V 25 - 50	<b>√</b> >50		
ABUNDANCE CODES:		. A	=NONE R=RARE	O=OCCASIONAL	A=ABUNDANT N	/O≈Not observed		
STAND MATURITY	PIONEER	₹	YOUNG	MID-AGE	MATURE	OLD GROWTH		
VEGETATION TYPE	E: H	ivera	O Dar Su	amo	CODE: SWD	7-2		

COMPLEX Evidence of Disturbance / Notes:

erusia na Para tanàna Palana are are	<b>可能的 产生原</b>	LA	YER		DISTANCE	FROM RD.	0011
SPECIES CODE	11	2	237	1 4	≤5 m	>5 m	COLL
REES:	D	89921	Sp. Ja		We show		
green ash Birook							
Bear	R					10	
DIV COL		<b></b>					
			1			<u> </u>	
						<del>                                     </del>	1
						<del>                                     </del>	<b></b> -
					-		<del>                                     </del>
						<u> </u>	
HRUBS:	5 5% DATE:	4250	4.55.10	Ular		St 4 32	
	2772		0		1 1 2 1 2 1		
group dogwood			10				
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		<del> </del>					
		-	-			<del> </del>	-
			-				
							-
							<del> </del>
			-				<del>                                     </del>
		-					
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			+				-
200110	4199.8			574	3 4 4 4 4	100	-
GROUND:	1 102 1 16v 5	7.5	mak	0 1			
ked consulty grown			OTHER P	O-H			-
9 3			-				35.0
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		-					├
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			1				
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		1	-			-	┨
		+	<del> </del>			-	$\vdash$
	11	J		l	L		
		Qua	ity Contro	ol:This fo	rm is compl	lete 🗆 & legil	ole □.
Signature:			Signatur	e:			
(Field Personnel)	<u> </u>					t Manager)	

ELC Polygon: #	-5 Assess	sment Type: 🗹	-Visual; n	o access /	□-Walk thro	ugh featur	re		
Extent of Physical I									
Reptile / Bat Hibe	5.	[i.e	-Y* / □-N c. features to dge abutmontains po ontains po -Y* / □-N c. karst topo	/ \alpha-Unknothat would predict would predict would predict of the control of th	ovide a route i its with cracks <b>hibernacula</b>	ss (*if yes) anderground centry point features? ss (*if ves	, <b>describe in tab</b> Lincluding boried	concrete vices or	or rock (e.g. foundations, inactive animal burrows)
POTENTIAL HIBEI UTM	RNACULA F		ENTIFIE ature Des				_		
		1 3	ature Des	cription		Photo N	o. Spp. (	bserve	d Using Feature
Bat Roosting Fea	tures:	Contains poter □-Y* / □-N / □ [i.e. tall trees v	2/-Unknov	vn, no acce	ess (*if yes, o	describe in	table below)	10m bi	ah in trael
POTENTIAL BAT R	OOSTING F	EATURE(S) ID	ENTIFIE	ED	90, 0011-2	3011, 3106-	racing cavilles	10/// 111	girin treej
UTM	Tree ID	Tree Spp.	DBH	Photo No	. Decay C	lass (1-5)	No. of Cavities	Heigh	nt and Type of Cavities
Stick Nests:		Co	ntains lar	rge stick ne	sts?	ss (*if vos	describe in tabl	a hala	
STICK NEST(S) IDE	NTIFIED		- 7 - 14	/ G-OTKTO	wii, iio acce	ss ( II yes,	describe in tabl	e belov	v)
UTM	UTM Tree ID		Tree	Spp.	Nest Size	Photo N	o. Spp. (	bserve	d Using Feature
Seeps/Springs/Ve		<b>-</b> -	Y* / 🗀-N .	/ 🗹-Unkno	s/vernal pool	s? ss (*if yes,	describe in tabl	e below	v)
UTM	Featu	ıre No. & Type	Feature (Diame		ater Depth	Photo No	Sub/Emerger Spp. Prese		Shrubs/ Logs at Edge Present?
SPECIES & HABITA	T OBSERVA	TIONS (list spe	cies and	type of obse	rvation & in	dicate on n	нар)		

The second	Stantec Co 1 – 70 Sou Guelph, Ol Canada N Tel: (519) 8 Fax: (519)	thgate Driv N 1G 4P5 336-6050	Ltd. Col		Woodla	oadside EL nd & Wildlife sessment F	e Habitat			
Stantec	11 000	100/	G			10				
Project Number:	16099	026	7		Project Name:	NRVC				
Date:	June	24		<del>.</del>	Field Personnel:	N Charleton	o, It Hughes			
Weather Conditions:	TEMP 2 .	(°C): 2	2-,		CLOUD: 9 δ º /•	PPT:	PPT (in last 24 hrs):			
				POLYGON DESCRIPTION						
					TOPOGRAPHIC F		HISTORY			
ELC	POLYGO	40	-/	1	☐ LACUSTRINE ☐ RIVERINE ☐ BOTTOMLAND	☐ TALUS ☐ CREVICE / CAVE ☐ ALVAR	MATURAL CULTURAL			
COMMUNITY	START TI	ME: //	1:30		☐ TERRACE ☐ VALLEY SLOPE	☐ ROCKLAND ☐ BEACH / BAR				
DESCRIPTION &	END TIME	: ,			TABLELAND	SAND DUNE BLUFF				
CLASSIFICATION		10	:45		□ ROLL, UPLAND □ CLIFF	LI BLOFF				
STAND DESCRIP	TION:									
LAYER	нт	CVR	/>>MUC			ECREASING DON ATER THAN; = AE				
1 CANOPY			(**************************************							
2 SUB-CANOP	Y									
3 UNDERSTORE										
4 GRD. LAYER					U >> PHAM		DULC			
HT CODES: CVR CODES:						5 <ht≤1m 6="0.2&lt;HT:&lt;br">60% 4=CVR&gt;60% I</ht≤1m>				
STANDING SNAGS	:		V <	10	10-24	25 – 50	>50			
ABUNDANCE CODES:		ł	N=NONE	R=RARE	O=OCCASIONAL	A=ABUNDANT N	N/O=Not observed			
STAND MATURITY:	PIONE	ER	YOUNG		MID-AGE	MATURE	OLD GROWTH			
VEGETATION TYPE	Catto	ul m	ireral	DIA	flow mersh	CODE: MAS	2-1			
COM	PLEX					CODE:				
Evidence of Dist										
	- 0	alta	ilm	arsl	n besic	le ag fi	eld			
***	- M	H20	) Vis	ible	•					
	-mu	ltipl	e occ	WITE	enceson	this stre	etch			
	0.01	. 11								
				. )	0	Compositus	a DIC'			
	one	non	-comm	runi't	y of same	, CO. 1707.	1			

ABUNDANCE CODES: N=NONE R=RARE O=0			/ER		DISTANCE	FROM RD.	
SPECIES CODE	1	2	3	4	≤5 m	>5 m	COLI
REES:	5						
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				-			<u> </u>
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			ļ	<del> </del>	<del>                                     </del>		<u> </u>
IRUBS:			<b>建建</b>	SE SE		11. 514.64	1) EU
IRUBS:	303335		50 (8/51) 2/3	EST-1753	President de la	1000.000.000	
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ROUND: \$ 1000 PER PER BANK TO THE STATE OF T	San B						
TYPANGU SOLDULC PHAARUN OLIDAGU ACCIYRI GRASS P				D	V	/	
SOLDUIC				R	V		
PHAARUN				0	<b>/</b>	/	
OLIDAGU		*		R	V		
fccsyr!				R	~	_	
GRASS SP				R	/		
DIPFULL				R	_		
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				-			
			<u> </u>			1	

(Field Personnel)

(Project Manager)

ELO Polygoli. #/8-	. Maaca	smem Type.	<b>₩</b> -VI	Sual, 110	access	/ ਘ-	vvaik tillou	gn reature	e				
Extent of Physical Inv	estigation	of Feature:	<b>Q</b> -Er	ntire / 🗖	-Partial,	wall	through p	olygon <i>(ir</i>	ndicate on map)				
Reptile / Bat Hibernacula Features:				Contains potential reptile hibernacula features?  —Y*/2-N/—-Unknown, no access (*if yes, describe in table below)  [i.e. features that would provide a route underground, including buried concrete or rock (e.g. foundations, bridge abutments or culverts with cracks/entry points, exposed rock crevices or inactive animal burrows)]  Contains potential bat hibernacula features?  —Y*/—-N/—-Unknown, no access (*if yes, describe in table below)  [i.e. karst topography, abandoned mines or caves]									
POTENTIAL HIBERN	ACULA	FEATURE(S)	IDE	NTIFIE	D								
UTM					ription			Photo N	o. Spp. (	)bserve	d Using Feature		
		······································		***************************************			***************************************						
Bat Roosting Feat		[i.e. tall tree	/ 🔲 - s wit	Unknow th open	n, no ac surround	cess	s (*if yes, d	<i>escribe in</i> icm, side-	table below) facing cavities ~	10m hi	gh in tree]		
POTENTIAL BAT RO		<del>,</del>				NT.	D 01						
UTM	Tree ID	Tree Sp	).	DBH	Photo	No.	Decay Cla	ass (1-5)	No. of Cavities	Heigh	t and Type of Cavities		
Célale Manda			0	taina tan			-0						
Stick Nests:			U-Y	tains iai */⊠-N	ge stick / □-Unk	nest	s <i>:</i> n. no acces	ss (*if ves.	, describe in tab	le belov	v)		
STICK NEST(S) IDEN	TIFIED	,,,		-			,	, , ,			-,		
UTM		Tree ID		Tree	Spp.		Nest Size	Photo N	lo. Spp. (	Observe	bserved Using Feature		
				····									
Seeps/Springs/Ver	nal Pool	ls:	Con¹ □-Y	tains se * / ☑-N	eps/spri / 🗀-Unk	ngs/\ nowl	vernal pool	s? ss (*if yes,	describe in tab	le belov	v)		
SEEP / SPRING / VER	NAL PO	OL FEATURE	(S) I	DENTIE	FIED								
UTM Feature		eature No. & Type		Feature Size (Diameter)		Water Depth		Photo No	o. Sub/Emerge Spp. Pres		Shrubs/ Logs at Edge Present?		
		······											
			$\dashv$										
CDECIPO O HADITA	CORCER	WARTONG (II											
SPECIES & HABITA	OBSER	VATIONS (IIS	spec	cies and	type of o	bser	vation & in	dicate on 1	map)		***		
											2		
											27:00		
											A 2110		
											4.3		
											2.0		
					٠								

Stantec Consulting Ltd. 1 – 70 Southgate Drive Guelph, ON Canada N1G 4P5 Tel: (519) 836-6050 Fax: (519) 836-2493  Stantec  Project Number: 16050 2-69  Stantec  Stantec Consulting Ltd. 1 – 70 Southgate Drive Guelph, ON Canada N1G 4P5 Tel: (519) 836-2493  Project Name: NRWC										
•	16095 June	026 27	9	Project Name: Field Personnel:	<del></del>	r, H. Hugh				
Weather Conditions:	TEMP (° 22	C): -	WIND: Z-3	CLOUD:	PPT:	PPT (in last 24 hrs):				
				POLYGON DES	CRIPTION					
				TOPOGRAPHIC	EATURE	HISTORY				
COMMUNITY	POLYGON: START TIM END TIME:	E: [2	28-2 1:45 100	□ LACUSTRINE □ RIVERINE □ BOTTOMLAND □ TERRACE □ VALLEY SLOPE □ TABLELAND □ ROLL. UPLAND □ CLIFF	☐ TALUS ☐ CREVICE / CAVE ☐ ALVAR ☐ ROCKLAND ☐ BEACH / BAR ☐ SAND DUNE ☐ BLUFF	□ NATURAL Ø CULTURAL				
TAND DESCRIP	TION:					æ				
LAYER	нт	CVR			DECREASING DOM EATER THAN; = AB					
1 CANOPY										
SUB-CANOP	Y									
UNDERSTORE	-									
4 GRD. LAYER	/	4		> ASCSYR						
IT CODES: CVR CODES:					.5 <ht≤1m 6="0.2&lt;HT≤&lt;br">60% 4=CVR&gt;60% N</ht≤1m>					
TANDING SNAGS	:		<10	10 – 24	25 – 50	>50				
BUNDANCE CODES:		1	-NONE R=RARE	O=OCCASIONAL	A=A8UNDANT N	O=Not observed				
TAND MATURITY:	PIONEER		YOUNG	MID-AGE	MATURE	OLD GROWTH				
Pry-Moist	old fiel	dw	rendon		CODE: CWW					
	PLEX				CODE:					

**Evidence of Disturbance / Notes:** 

TREES: SHRUBS: GROUND: BROINER Quality Control: This form is complete . Signature: (Field Personnel) (Project Manager)

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

SPECIES CODE

LAYER

DISTANCE FROM RD.

>5 m

≤5 m

COLL.

ELC Polygon: #	Assess	ment Type: ☑-∨	/isual; no	access / C	⊒-Walk throu	igh feature			
Extent of Physical Inv	- /estigation (	of Feature: Q-E	Entire / 🗆	I-Partial, wa	alk through p	olygon <i>(ind</i>	licate on map)		
Reptile / Bat Hiber	nacula Fe	□-Y [i.e. brìd _i Con □-Y	/* / ☑-N / features the ge abutmentains/pote /* / ☑-N /	/ □-Unknov hat would pro ents or culvert stential bat h / □-Unknov	vide a route ur is with cracks/c nibernacula fo	ss (*if yes, onderground, interpretation of the control of the con	describe in table including buried c	concrete o vices or i	or rock (e.g. foundations, nactive animal burrows)]
POTENTIAL HIBERT	NACULA FI						1		
UTM		Feat	ture Desc	ription		Photo No.	Spp. O	bserved	l Using Feature
		,				1		<del></del>	de-mild
A			***************************************						
Bat Roosting Feat		Contains poten  -Y*/ -N/  [i.e. tall trees w	I-Unknow ith open	wn, no acce surrounding	ss (*if yes, d	lescribe in t icm, side-fa	able below)	10m híç	gh in tree]
POTENTIAL BAT ROUTE	Tree ID	Tree Spp.	ENTIFIE DBH	ED Photo No.	Decay Cla	000 (1.5)	No. of Cavities	Haigh	t and Type of Cavities
U X 172	HICCID	ттес эрр.	DDII	I HULU I TU.	Decay Cia	855 (1-D)	NO. UI CAVILIES	neign	1 and 1 ype of Cavities
Stick Nests:		Coi	ntains lar Y* / ☑-N	rge stick ne: / □-Unknov	sts? wn, no acces	ss (*if yes, o	describe in tabl	e below	()
STICK NEST(S) IDEN		Tree ID	Tree	e Spp.	Nest Size	Photo No.	Spp. (	Thearwa	d Using Feature
0 2 172		TICCID	1100	, շիր.	14621 BIZE	I HOLD ING	· Shb.	Juser ver	1 Using reacure
								7	
Seeps/Springs/Ver	rnal Pools	Coi	ntains/se Y* / ☑-N	eps/springs	s/vernal pools wn, no acces	s? ss (*if yes, (	describe in tabl	e below	/)
SEEP / SPRING / VEI	RNAL POO								
UTM	Feat	ture No. & Type	Feature (Diame		ater Depth	Photo No.	Sub/Emerger Spp. Prese		Shrubs/ Logs at Edge Present?
			<del></del>				-		
SPECIES & HABITA	T OBSERV.	ATIONS (list spr	ecies and	type of obse	ervation & in	dicate on m	an)		
				WF			шр,		
									÷

Stantec Project Number: Date:		te Drive P5 3050	Poly	Woodla As:	Roadside ELC nd & Wildlife sessment Fo NRWC	Habitat
Weather Conditions:	TEMP (°C)		WIND: 2-3	GLOUD:	PPT:	PPT (in last 24 hrs).
				POLYGON DES	CRIPTION	
				TOPOGRAPHIC F	EATURE	HISTORY
COMMUNITY	POLYGON: 28 START TIME: END TIME:	-3	:00 m5	☐ LACUSTRINE ☐ RIVERINE ☐ BOTTOMLAND ☐ TERRACE ☐ VALLEY SLOPE ☐ TABLELAND ☑ ROLL. UPLAND	☐ TALUS ☐ CREVICE / CAVE ☐ ALVAR ☐ ROCKLAND ☐ BEACH / BAR ☐ SAND DUNE ☐ BLUFF	□ NATURAL  ☑ CULTURAL
er in the Relative ACR		11,	<u> </u>	CLIFF		
STAND DESCRIP	TION:					
LAYER	нт (	CVR			DECREASING DOM EATER THAN; = AB	
1 CANOPY						
2 SUB-CANOP	Y					
3 UNDERSTORE	Υ					
4 GRD. LAYER	5-7	4	GRASSE	(> SULIDI	461) > AITE	R
HT CODES: CVR CODES:					.5 <ht≤1m 6="0.2&lt;HT≤&lt;br">≤60% 4=CVR&gt;60% N</ht≤1m>	
STANDING SNAGS		1-0%	<10	10 - 24	25 – 50	>50
ABUNDANCE CODES:		I	=NONE R=RARE	U		/O=Not observed
STAND MATURITY:	PIONEER	П	YOUNG	MID-AGE	MATURE	OLD GROWTH
VEGETATION TYPE	Pasti	we			CODE: Pasty	e
COM	PLEX				CODE:	
Evidence of Dist	urbance / No	otes:				
_ 1	Fences		pasture	or hen	field	
	-(					

ABUNDANCE CODES: N=NONE R=RARE Q=OCCASIONAL A=ABUNDANT D=DOMINANT N/O=Not observed DISTANCE FROM RD. LAYER COLL. SPECIES CODE >5 m 2 ≤5 m 3 TREES: SHRUBS: GROUND: L 0 SYMPHYOTRICHUM SP 0

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

											Wildl	ife Habitat Assessment Forr
ELC Polygon: #74	? As:	sessm	ent Type: \	☑-Visua	al; no	acces	ss / 🛚-	Walk throu	igh feature			
Extent of Physical Inv		tion of	Feature:	□-Entir	e / 🗆	-Partia	l, wall	k through p	olygon <i>(inc</i>	dicate on map)		
Reptile / Bat Hiber	nacul	a Fea	[ ] ]	□-Y* / t [i.e. fcau bridge ab Contain □-Y* / t	☑-N / cures the butment ns pot ☑-N /	□-Un at woul ats er er ential	knowr d provi ilverts bat hik knowr	ide a route ui with cracks/c pernacula f	is (*if yes, enderground, entry points, eatures? is (*if yes, eatures)	describe in table including buried of	onerete vices or	or rock (e.g. foundations, inactive animal burrows)]
POTENTIAL HIBER	NACUI	A FE										
UTM			]	Feature	Desc	ription			Photo No	. Spp. C	bserve	d Using Feature
Bat Roosting Feat	ures:	(	Contains po	tential	bat ro	osting	featu	res?				
		( (	□-Y* / ☑-N i.e. tall tree	/ D-Un s with c	know open	n, no a surrou	acces	s (*if yes, d	<i>lescribe in</i> icm, side-f	<i>table below)</i> acing cavities ~	10m hi	gh in tree]
POTENTIAL BAT RO											1	
UTM	Tree	ID	Tree Spp	). D	ВН	Photo	No.	Decay Cl	ass (1-5)	No. of Cavities	Heigh	t and Type of Cavities
			***************************************			······································						
Stick Nests:				Contair	ns Jar	ae stic	k nest	s?				
			,n ====	□-Y*/	Ø-N	/ □-Ur	know	n, no acces	ss (*if yes,	describe in tabi	e belov	v)
STICK NEST(S) IDE	NTIFIE		ID		7F	0		NI (C)	700 / 37			1 W 7 4 W 4
UTMI		1	ree ID		Tree	Spp.		Nest Size	Photo No	o. Spp. C	Jbserve	d Using Feature
							***************************************					
Seeps/Springs/Ve	rnal P	ools:		Contair □-Y* /	ns se	eps/sp / ロ-Ur	rings/	vernal pool	s? ss (*if yes,	describe in tabl	e belov	ν)
SEEP / SPRING / VE	RNAL I	POOL		(S) IDE	NTIE	TIED	,					
UTM		Featu	re No. & Ty	pe Fe	e <b>ature</b> Diame	Size	Wa	ter Depth	Photo No.	Sub/Emerger Spp. Preso	nt Veg.	Shrubs/ Logs at Edge Present?
					***************************************			***************************************				
SPECIES & HADITA	TORS	CDV/A	TIONS (II-						1			
SPECIES & HABITA	1 005	ERVA	TIONS (list	species	and	type or	obser	vation & in	dicate on n	іар)		
												*
												1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	120											
•												

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:	100130	34P5 3-6050 6-2493	* Poly (	Woodla		e Habitat orm		
Weather Conditions:	TEMP (% 2 2	'	WIND: 2-3	GLOUD: 90°/,	PPT:	PPT (in last 24 hrs):		
				POLYGON DES		HISTORY		
ELC	POLYGON: START TIMI END TIME:	11	(28) =05 = 10	☐ LACUSTRINE ☐ RIVERINE ☐ RIVERINE ☐ BOTTOMLAND ☐ TERRACE ☐ VALLEY SLOPE ☐ TABLELAND ☐ MROLL. UPLAND ☐ CLIFF	☐ TALUS ☐ CREVICE / CAVE ☐ ALVAR ☐ ROCKLAND ☐ BEACH / BAR ☐ SAND DUNE ☐ BLUFF	©ANATURAL  □ CULTURAL		
STAND DESCRIP	TION:	CVR		IES IN ORDER OF D				
1 CANOPY 2 SUB-CANOP 3 UNDERSTORE	Υ	11	1211 3 4.01	15377/04				
HT CODES: CVR CODES:	1=>25m			Om 4=1 <ht≤2m 5="0&lt;br">CVR≤25% 3=25<cvr≤< td=""><td></td><td></td></cvr≤<></ht≤2m>				
STANDING SNAGS ABUNDANCE CODES:			<10 <10 R=RARI	R 10 – 24  E 0=OCCASIONAL	25 – 50 <b>A</b> =ABUNDANT N	>50 O=Not observed		
STAND MATURITY:	PIONEER		YOUNG	MID-AGE	MATURE	OLD GROWTH		
VEGETATION TYPE: Veed canary grass mineral meadow many CODE: MAM 2-2								
COMPLEX CODE:								
- no water - ditch is below & ground level								

ABUNDANCE CODES: N=NONE R=RARE O=	OPY OCCAS	IONAL A	N=ABUN	EY DANT	D=DOMINAN	T N/O=Not	observed
SPECIES CODE			YER		DISTANCE ≤5 m	>5 m	COLL.
TREES:	1	2	3	4	20 111	75111	
SHRUBS: CEPOCUI SALIX	18	R	New Year	<b>25</b> (8)	1	V	13,12
GROUND: TYPH ANGU PHAARUN	6 A						
( Day 1							

Signature:

(Project Manager

ELC Polygon: #	Assess	sment Type: ☑-	/ -Visual; no	access / C	<b>₁</b> -Walk throu	igh feature			
Extent of Physical Inv	-						licate on map)		
Reptile / Bat Hiber		□- [i.e bri Co □- [i.e	-Y* / ☑-N / e. features the idge abutme contains pool -Y* / ☑-N / e. karsi topo	/ □-Unknow hat would proents or culvertatential bat he / □-Unknow ography, abane	vide a route ur s with cracks/c i <b>bernacula f</b> e	is (*if yes, a inderground, i entry points, d eatures? is (*if yes, a	describe in table including buried c	concrete vices or i	or rock (e.g. foundations, inactive animal burrows)]
POTENTIAL HIBERN	NACULA F						T		
UTM		Fe	ature Desc	ription	<del></del>	Photo No.	Spp. O	bserved	d Using Feature
				<del>)</del>					
		***************************************							
Bat Roosting Feat			□-Unknow with open	vn, no acces surrounding	ss (*if yes, d	lescribe in t Scm, side-fa	able below)	10m híç	gh in tree]
POTENTIAL BAT RO	Tree ID		DENTIFIE DBH	Photo No.	Dagay Cl	(1.5)	No of Coviding	I I I simb	4 - ad Trans of Cavities
Ulivi	Tree ID	Tree Spp.	Don	riioto ivo.	Decay Cla	ASS (1-3)	No. of Cavities	Heigh	t and Type of Cavities
Stick Nests:		C	ontains lar l-Y* / ☑-N	rge stick nes / □-Unknov	sts? vn, no acces	ss (*if yes, c	describe in tabl	e belov	v)
STICK NEST(S) IDEN	TIFIED	T ID	Tues	0	NT4 C:	D1 4. N.	S		****
U I IVI		Tree ID	1166	e Spp.	Nest Size	Photo No.	Spp. с	Jbserve	d Using Feature
Seeps/Springs/Ver	nal Pools	s: C	ontains se	eps/springs / Q-Unknov	/vernal pools	s? ss (*if yes, c	describe in table	e below	······································
SEEP / SPRING / VER	RNAL POO	L FEATURE(S							
UTM	Fea	ture No. & Type	e Feature (Diame		ater Depth	Photo No.	Sub/Emergen Spp. Prese		Shrubs/ Logs at Edge Present?
		***************************************						***************************************	
					***************************************				
SPECIES & HABITAT	T OBSERV	ATIONS (list s	necies and	type of obse	rvation & inc	dicate on m	an)		
	1 0202	71101.0 (	700103 11.1.2	ty pe or out	I fation of i	uicate ou	ару		
									14
									44 %
									<u> 5</u>

Stantec	Stantec Consultin 1 – 70 Southgate E Guelph, ON Canada N1G 4P5 Tel: (519) 836-605 Fax: (519) 836-249	Poly	S Woodla	Roadside EL nd & Wildlif sessment F	e Habitat
Project Number:	16,0950	749	Project Name:	ARWZ	
Date:	100	7	Field Personnel:		U
Weather Conditions:	TEMP (°C): 2 2	wind: 2-3	CLOUD: 90%	PPT.	PPT (in last 24 hrs):
	<u> </u>		POLYGON DES	CRIPTION	
			TOPOGRAPHIC F		HISTORY
Control of the contro	POLYGON: 28	-5- 1:10	☐ LACUSTRINE ☐ RIVERINE ☐ BOTTOMLAND ☐ TERRACE	☐ TALUS ☐ CREVICE / CAVE ☐ ALVAR ☐ ROCKLAND ☐ BEACH / BAR	ZNATURAL.
DESCRIPTIONS	END TIME:		□ VALLEY SLOPE □ TABLELAND ☑ ROLL. UPLAND □ CLIFF	SAND DUNE BLUFF	
STAND DESCRIP	TION:				
LAYER	HT CV	R I	ES IN ORDER OF		
1 CANOPY	Z 3		ATER THAN; >GRE > TILAMER	· · · · · · · · · · · · · · · · · · ·	
2 SUB-CANOP	r 3 3	ACESASA	TIONTION	27100 071071	
3 UNDERSTORE		CORNUS			
4 GRD. LAYER			> GRASS > A		
HT CODES: CVR CODES:		) <htš≤25m <b="">3=2<ht≤10 1%<cvr≤10% <b="">2=10&lt;0</cvr≤10%></ht≤10 </htš≤25m>			
STANDING SNAGS		0 <10	0 10 - 24	25 – 50	>50
ABUNDANCE CODES:		N=NONE R=RARE		, F	N/O=Not observed
STAND MATURITY:	PIONEER	YOUNG	MID-AGE	MATURE	OLD GROWTH
VEGETATION TYPE	er Maple - he	ardward deed	duous forest	CODE: FODE	5-5
COM	PLEX			CODE: SWD	
Evidence of Distr	Irhance / Noto	c·			
- con te	e Man	y snags	inside		
- SWD 11	kely f	Collows d	ark area	y on mo	rp
-FOD 11	ghte.	areas			

LAYERS: 1=CANOPY >10m 2=SUB-CABUNDANCE CODES: N=NONE R=RARE	O=OCCAS		=ABUN	DANT I	I=GROUND ( D=DOMINAN	T N/O=Not	observe
SPECIES CODE	15	-	YER		Section of the second	FROM RD.	COLL
O'LOILS CODE	. 1	2	3	4	≤5 m	>5 m	
REES:				Y		-1-1	HA N.
TILAUER	A				V	/	
TILAMER	0					~	
PINSTRO	0			I			
ACESASA	0	0				1	
QUERUBR	A					V,	
RAXSP	0	1				V	
DUEMACR	0	1/			Ì	1	
ONERICO	6						
A/DCD+5	0	0				V,	
ACEFPEE CAROVAT	0/	1	<b>†</b>		V	V	
OSTVIKG	1	R	<b>†</b>			1,000	
0011110	17	1	<b>†</b>	<b>†</b>			
HRUBS:			16.6		1		100
CORNUS (GRAY)			100 m 20 m 20	0 0 0 0 0 0 0 0 0	1	1	10.0
DENVY (GRAGI	<del></del>	<u> </u>		<b>-</b>	<u> </u>		
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ROUND:	3 3	July 1	JF #	lo't	4,418	Tanal 3	
SOLIDAGU				A	-		
AVENS				0			
GRAS				1		-	
				17			
		†		<b>†</b>			
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N NO D			<u> </u>				

(Field Personnel)

Signature:

(Project Manager)

									Wildli	fe Habitat Assessment Form
ELC Polygon: #28-	S Assess	sment Type:	}-Visual; nc	access /	ر <b>ت</b> ا	Walk throu	gh feature			
Extent of Physical Inv	estigation /	of Feature:	I-Entire / 🗆	I-Partial, v	valk	through pe	olygon <i>(inc</i>	licate on map)		
Reptile / Bat Hiber	nacula Fe	[i. br C	i.e. features th ridge abutme Contains pol	/ <b>1</b> Unknothat would pents or culve tential bated / □-Unknothat	own provi- erts v t hib own	n, no accesside a route un with cracks/c pernacula fe n, no access	s (*if yes, onderground, intry points, eatures? is (*if yes, o	describe in table including buried c	concrete o vices or i	or rock (e.g. foundations, nactive animal burrows)]
POTENTIAL HIBER	NACULA F			C		/4500 45410 W				
UTM			eature Desc				Photo No.	Spp. O	bserved	d Using Feature
							ļ	-		
							<u> </u>			
Bat Roosting Feat			/ <b>₫-Unknow</b> s with open	wn, no acc surroundi	cess	s (*if yes, de		table below) acing cavities ~	10m híç	gh in tree]
POTENTIAL BAT ROUTM	Tree ID			Photo N	T	Decay Cle	(1 5)	No of Conition	ITaigh	4 d Trump of Consision
UIM	1 Lee ID	Tree Spp.	Don	Photo	0.	Decay Cla	ASS (1-5)	No. of Cavities	Heign	t and Type of Cavities
								***************************************		
Otials Manta.			2 t-ino lo	Ltiple a	4	-0				
Stick Nests:		Ţ.	Contains lar □-Y* / □-N	ge stick n / ⊠-Unkn	iesi: iowr	s:/ n. no acces	ss (*if ves.	describe in tabl	le belov	v)
STICK NEST(S) IDE	NTIFIED					7,	, , , , , , , , ,		0 2012	·
UTM		Tree ID	Tree	e Spp.		Nest Size	Photo No	Spp. (	bserve	d Using Feature
Seeps/Springs/Ve				/ ☑-Unkn	gs/v iowr	ernal pools n, no acces	s? ss (*if yes,	describe in tabl	e below	()
SEEP / SPRING / VE	RNAL POO	L FEATURE(		6.			Τ	10.100		100 100
UTM	Feat	ture No. & Typ	pe Feature (Diame		Wat	ter Depth	Photo No.	Sub/Emerger Spp. Prese		Shrubs/ Logs at Edge Present?
		, 1000 C 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1					1		w	
SPECIES & HABITA	T OBSERV	ATIONS (list s	species and	type of ob	serv	vation & inc	dicate on m	ap)		
										1
										19
										1.5
5										
94										

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

Weather Conditions:  TEMP (°C):  2-3  POLYGON DESCRIPTION  TOPOGRAPHIC FEATURE  PIALUS  RIVERINE  BOTTOMLAND  DESCRIPTION & CREVICE / CAVE  START TIME:  TEMP (°C):  POLYGON DESCRIPTION  TOPOGRAPHIC FEATURE  DIACUSTRINE  CREVICE / CAVE  ALVAR  ROCKLAND  BEACH / BAR  COMMUNITY  DESCRIPTION & CLASSIFICATION  STAND DESCRIPTION:  LAYER  HT  CVR  SPECIES IN ORDER OF DECREASING DOMINANCE  (>>MUCH GREATER THAN; > GREATER THAN; = ABOUT EQUAL TO)  1 CANOPY  2 SUB-CANOPY  3 UNDERSTOREY  4 GRD. LAYER  4 GRD. LAYER  4 GRD. LAYER  5 DESCRIPTION  1 =>25m  2=10+HTs25m  3=2+HTs10m  4=1+HTs2m  5=0.5+HTs1m  5=0.2+HTs0.5m  7=HT<0.2m  CVR CODES:  0=NONE  1=>95x  CVR CODES:  0=NONE  1=>05x  N=NONE  REARE  CODE:  N=NONE  REARE  CODE:  CODE:  Evidence of Disturbance / Notes:	Stantec Consulting Ltd. Coll. Tile 28°, Roadside ELC, 1-70 Southgate Drive Guelph, ON Canada N1G 4P5 Tel: (519) 836-6050 Fax: (519) 836-2493  Stantec  Project Number: 160950269 Date: Date: Field Personnel: N. Charlem									
TOPOGRAPHIC FEATURE  HISTORY  LACUSTRINE  RIVERINE  DALVAR  ALVAR  ROCKLAND  DESCRIPTION & CLASSIFICATION  STAND DESCRIPTION:  LAYER  HT  CVR  SPECIES IN ORDER OF DECREASING DOMINANCE  (>>MUCH GREATER THAN; > GREATER THAN; = ABOUT EQUAL TO)  1 CANOPY  2 SUB-CANOPY  3 UNDERSTOREY  4 GRD. LAYER  GRD. LAYER  HT CODES:  1=>25m  2=10 <ht\$25m (="" 0="NONE" 1="0%&lt;CVR\$10%" 2="10&lt;CVR\$25%" 3="25&lt;CVR\$60%" 4="CVR\$60%" 5="05&lt;HT\$1m" 6="02&lt;HT\$0.5m" 7="HT&lt;0.2m" bluff="" codes:="" cvr="" decreasing="" dominance="" dune="" in="" mature="" maturity:="" n="" nid-age="" o="not" observed="" of="" onatural="" order="" pioneer="" rockland="" sand="" species="" stand="" young="">&gt;MUCH GREATER THAN; &gt; GREATER THAN; = ABOUT EQUAL TO)  1 CANOPY  2 SUB-CANOPY  3 UNDERSTOREY  4 GRD. LAYER  6-2 4 DRUFF  TU FOLLOW  ALFALF  NO-NO-not observed  STANDING SNAGS:  N=NONE  R=RARE  0=OCCASIONAL  A=ABUNDANT  N/O=Not observed  STAND MATURITY:  PIONEER  YOUNG  MID-AGE  MATURE  OLD GROWTI</ht\$25m>	Weather Conditions:		C):	2-3			PPT:	F	PPT (in last 24 h	nrs)
ELC  COMMUNITY DESCRIPTION:  LAYER HT CVR SPECIES IN ORDER OF DECREASING DOMINANCE (>>MUCH GREATER THAN; > GREATER THAN; = ABOUT EQUAL TO 1 TO 1 DOES:  1 CANOPY 2 SUB-CANOPY 3 UNDERSTOREY 4 GRD. LAYER 4 GRD. LAYER 5 MOTHER: 1 SPECIES M 3 SPECIES M 4 SPECIES M 6 SPECIES									ISTORY	e esta
LAYER HT CVR SPECIES IN ORDER OF DECREASING DOMINANCE (>>MUCH GREATER THAN; >GREATER THAN; = ABOUT EQUAL TO)  1 CANOPY 2 SUB-CANOPY 3 UNDERSTOREY 4 GRD. LAYER 6-1	ELC COMMUNITY DESCRIPTION &	START TIM	ZX E: 11	?-6 : <b>‡6</b> 20	D LA D RI D TE D VA D TA D RO	CUSTRINE VERINE DITTOMLAND RRACE LLLEY SLOPE BLELAND DLL. UPLAND	☐ TALUS ☐ CREVICE / C ☐ ALVAR ☐ ROCKLAND ☐ BEACH / BA ☐ SAND DUNE	CAVE P	NATURAL	
CANOPY   CANOPY   SUB-CANOPY	STAND DESCRIP	TION:	1							_
STANDING SNAGS:  ABUNDANCE CODES:  N=NONE R=RARE 0=OCCASIONAL A=ABUNDANT N/0=Not observed  STAND MATURITY: PIONEER YOUNG MID-AGE MATURE OLD GROWTH  VEGETATION TYPE:  CODE: N/A - A9  COMPLEX CODE:	1 CANOPY 2 SUB-CANOPY 3 UNDERSTORE 4 GRD. LAYER HT CODES:	(   6-7   1=>25m	2=10<	(>>MUCH G	T>T,	THAN; >GRE	MALF 5 <ht≤1m 6="0.2&lt;/th"><th>ALF R<ht≤0.5< th=""><th>JT EQUAL TO</th><th></th></ht≤0.5<></th></ht≤1m>	ALF R <ht≤0.5< th=""><th>JT EQUAL TO</th><th></th></ht≤0.5<>	JT EQUAL TO	
STAND MATURITY: PIONEER YOUNG MID-AGE MATURE OLD GROWTH  VEGETATION TYPE: Hay  CODE: N/A - A9  COMPLEX  CODE:			1-0%		III III III III III III III III III II					$\neg$
VEGETATION TYPE: Hay CODE: N/A - A9  COMPLEX CODE:	ABUNDANCE CODES:		N	=NONE R=R	ARE O=	OCCASIONAL	A=ABUNDANT	N/O	Not observed	
Hay N/A - H9  COMPLEX CODE:	STAND MATURITY:	PIONEER	₹	YOUNG		MID-AGE	MATURE		OLD GROW	vтн
	VEGETATION TYPE		1				CODE:	A -	Ag	
Evidance of Disturbance / Notes	COM	PLEX					CODE:		<u> </u>	
Evidence of Disturbance / Notes:										
-looks like it was cut in early spring - hay field										

ABUNDAN	1=CANOPY >10m NCE CODES: N=NONE	2=SUB-CANC R=RARE O=	OCCASI	ONAL A	YER	DANT D	=DOMINAN	T N/O=Not	observed
	SPECIES CODE			2	TER 3	4	≤5 m	>5 m	COLL.
TREES:						3/6/53			
SHRUBS:	# Francisco	11.75 1.75		eriji s	360.2				
GROUND:  PHLPP TRIFO ALFAL CHRLUI	AT LUM EA EC						\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		
	2.4								
	War latte	ook		Qualit	ty Contro	ol:This for	rm is comple	te QL&/legib	  e_J2

Extent of Physical Inv	esugation	oi reature: 🛚	-⊏ntire / L	ı-rапіаі,	wail	k inrough p	oiygon (in	aicate on map)		
Reptile / Bat Hiber	nacula Fe	[i, br C	-Y* / 🗹 -N e. features to idge abuting ontains po -Y* / 🛂 -N	/ □-Unkr hat would ents or culv tential ba / □-Unkr	provi verts at hik	ide a route un with cracks/o crnacula f	is (*if yes, inderground, entry points, eatures? is (*if yes,	describe in tab	concrete vices or	or rock (e.g. foundations. inactive animal burrows)]
POTENTIAL HIBER	NACULA F	EATURE(S) II	DENTIFIE	D						
UTM		Fe	ature Des	ription			Photo No	Spp. 6	Observe	d Using Feature
			***************************************					***		
			_							
Bat Roosting Feat			□-Unknov with open	vn, no ac surround	ces	s (*if yes, d		table below) acing cavities	-10m hi	gh in tree]
POTENTIAL BAT RO	Tree ID	Tree Spp.	DENTIFIE	Photo !	Vo.	Decay Cl	ass (1-5)	No. of Cavities	Heigh	t and Type of Cavities
		11000//		1 11010	10.	Decay of	435 (1-5)	110. Of Cavities	Titigh	t and Type of Cavities
				-						
	1									
Stick Nests:		C	ontains/la I-Y* / ፟፟፟፟፟I-N	rge stick / □-Unk	nest	ts? n. no acces	ss (*if ves.	describe in tab	le belov	v)
STICK NEST(S) IDE	NTIFIED									7
UTM		Tree ID	Tree	Spp.		Nest Size	Photo No	o. Spp.	Observe	d Using Feature
Seeps/Springs/Ve			I-Y* / 🖼-N	/ 🔲-Unk	ngs/ now	vernal pool n, no acces	s? ss (*if yes,	describe in tab	le belov	ν)
SEEP / SPRING / VEI	RNAL POO	L FEATURE(S	<del></del>				1	0.175	. 7.7	
UTM	Feat	ture No. & Typ		Feature Size (Diameter) War		ter Depth	Photo No	Sub/Emerge Spp. Pres		Shrubs/ Logs at Edge Present?
		······································			***************************************			***************************************		
SPECIES & HABITA	T OBSERV	ATIONS (list s	pecies and	type of o	bser	vation & in	dicate on n	nap)		
										1/2
zn.										
722										

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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A Comment

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	Project Numb

Stantec Consulting Ltd. Coll. Tile
1 – 70 Southgate Drive Roly
Cuelph, ON
Canada N1G 4P5
Tel: (519) 836-6300

## Woodland & Wildlife Habitat Assessment Form

	Tel: (519) 836-6050 Fax: (519) 836-2493	
antec		
et Numbee	160050219	Projec

51 Project Name: NRWC Field Personnel: N. Charlen

	TEMP (
Neather Conditions:	0

TEMP (°C):	WIND: 2-3	cloud. 90	РРТ:	PPT (in last 24 hrs):
				· · · · · · · · · · · · · · · · · · ·

#### **POLYGON DESCRIPTION**

	TOPOGRAPHIC F	EATURE	HISTORY
CLASSIFICATION & CLASSIFICATION & CLASSIFICATION & CLASSIFICATION & CLASSIFICATION POLYGON: 29 - 1  START TIME: 11 · 28  END TIME: 11 · 30	BRIVERINE BOTTOMLAND TERRACE VALLEY SLOPE TABLELAND	☐ TALUS ☐ CREVICE / CAVE ☐ ALVAR ☐ ROCKLAND ☐ BEACH / BAR ☐ SAND DUNE ☐ BLUFF	MATURAL  CULTURAL

#### STAND DESCRIPTION:

	LAYER	HT	CVR					DECREASING DO		-
Щ		111		(>>M	JCH GRE	ATER	THAN; >GRE	ATER THAN; =	ABOUT E	QUAL TO)
11	CANOPY									
2	SUB-CANOPY									
3	UNDERSTOREY									
4	GRD. LAYER	5-7	4	PHA	ARUN					
HT	CODES:	1=>25m	2=10<	łT≤25m	3=2 <ht≤10< td=""><td>m 4=</td><td>1<ht≤2m <b="">5=0</ht≤2m></td><td>5<ht≤1m 6="0.2&lt;I&lt;/td"><td>+T≤0.5m 7</td><td>=HT&lt;0.2m</td></ht≤1m></td></ht≤10<>	m 4=	1 <ht≤2m <b="">5=0</ht≤2m>	5 <ht≤1m 6="0.2&lt;I&lt;/td"><td>+T≤0.5m 7</td><td>=HT&lt;0.2m</td></ht≤1m>	+T≤0.5m 7	=HT<0.2m
CV	R CODES:	0=NONE	1=0%	CVR≤10	)% 2=10 <c< td=""><td>VR≤25</td><td>% 3=25<cvr≤< td=""><td>60% 4=CVR&gt;60%</td><td>N/O≔not o</td><td>observed</td></cvr≤<></td></c<>	VR≤25	% 3=25 <cvr≤< td=""><td>60% 4=CVR&gt;60%</td><td>N/O≔not o</td><td>observed</td></cvr≤<>	60% 4=CVR>60%	N/O≔not o	observed
ST	ANDING SNAGS:			M	<10	W	10 – 24	N 25 - 50	TW	>50
ABI	JNDANCE CODES:		N	=NONE	R=RARE	0=	OCCASIONAL	A=ABUNDANT	N/O=Not	observed
ST	AND MATURITY:	PIONEER		YOU	NG		MID-AGE	MATURE	01	LD GROWTH
VE	GETATION TYPE:				. 0	. 0.	1 00	CODE:	2-2	
	GETATION TYPE: Verd Ca	Nam	91255	MIN	ex (m	ladi	ow mash	MAM	2 -	

**Evidence of Disturbance / Notes:** 

COMPLEX

Marsh ditch aug. 5 m wide

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/O=Not observed

	CE CODES: N=NONE R=RAF		LA	YER	100	DISTANCE	COLL.	
N. E. S.	SPECIES CODE	1	2	3	4	≤5 m	>5 m	COLL
REES:		特特特	g.		-	F 40.85	Sa Conti	100
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HRUBS:		te i se a se	7	ight .	14		A COAL	
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ROUND:	- V 2 4	19-8 T. H	24		-			
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PHAAL	-MN			-	12			
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and the same of th								
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Signature: 
(Field Personnel)

Quality Control: This form is complete to a legible C.

Signature:

(Project Manager)

	· · · · · · · · · · · · · · · · · · ·		1								vviidii	ic Habitat Assessment i	
ELC Polygon: #29-	Assess	ment Type:	<b>☑</b> -Visua	al; no	acces	s / 🗅-	Walk throu	gh feature	е				
Extent of Physical Inv	estigation	of Feature:	□-Entire	e / 🗆	I-Partia	l, wall	k through p	olygon <i>(ir</i>	ndic	ate on map)			
Reptile / Bat Hiber		Contains/potential reptile hibernacula features?  -Y*/ -N/ -Unknown, no access (*if yes, describe in table below)  [i.e. features that would provide a route underground, including buried concrete or rock (e.g. foundations, bridge abutinents or culverts with cracks/entry points, exposed rock crevices or inactive animal burrows)]  Contains/potential bat hibernacula features?  -Y*/ -N/ -Unknown, no access (*if yes, describe in table below)  [i.e. karst topography, abandoned mines or caves]											
POTENTIAL HIBER	NACULA F												
UTM			Feature	Desc	cription			Photo N	0.	Spp. O	bserved	l Using Feature	
				·					_			·····	
		······································							-				
Bat Roosting Feat			/ □-Un s with c	knov pen	vn, no a surrou	acces	s (*if yes, d	escribe in	tal	ble below) ing cavities ~	10m hiç	gh in tree]	
POTENTIAL BAT RO	T	7			7	B.T.	D (1	/ # #\		40 10			
UTM	Tree ID	Tree Sp	). U	BH	Photo	NO.	Decay Cl	ass (1-5)	Ne	o. of Cavities	Heigh	h in tree]  and Type of Cavities	
					<u> </u>				<u> </u>		***************************************		
Stick Nests:			Contair □-Y* /	nsylai Ø-N	rge sticl / <b>□</b> -Un	k nest know	ts? n, no acces	ss (*if yes,	, de	scribe in table	e belov	<i>'</i> )	
STICK NEST(S) IDE			I					1					
UTM		Tree ID		Tree	ree Spp. Nest Size Photo No. Spp. Observed U			d Using Feature					
Seeps/Springs/Ve	rnal Pools	*	Contair	15 56	ene/sne	rings/	vernal pool	s?					
			□-Y* /`	O-N	/ <b>☑</b> -Un	know	n, no acces	ss (*if yes,	, de	scribe in table	e below	)	
SEEP / SPRING / VE			Ea		FIED e Size			1		Sub/Emergen	+ V/o=	Chamba/ Logs of Ed	
UTM	Feat	ture No. & T		Diam		Wa	ter Depth	Photo No	0.	Spp. Prese	nt?	Shrubs/ Logs at Ed Present?	
		······································		***************************************			······································		1				
SPECIES & HABITA	T OBSERV	ATIONS (lis	t species	and	type of	obser	vation & in	dicate on	maj	o)			
										- /			
												¥ =: )	
												57.2°	

Stantec Project Number: Date:	Stantec Con 1 – 70 South Guelph, ON Canada N10 Tel: (519) 83 Fax: (519) 83	34P5 3-6050 6-2493			Woodlar Ass	oadside ELend & Wildlife sessment For NRWC	e Habitat orm
Weather Conditions:	TEMP (°		WIND: 2-3		CLOUD:	PPT:	PPT (in last 24 hrs):
ELC COMMUNITY DESCRIPTION &	POLYGON: START TIME:	29-	· 2 30		POLYGON DES TOPOGRAPHIC F I LACUSTRINE I RIVERINE I BOTTOMLAND I TERRACE I VALLEY SLOPE I TABLE LAND		HISTORY  NATURAL  CULTURAL
STAND DESCRIP		CVR		CIE:		DECREASING DOM	
1 CANOPY 2 SUB-CANOP 3 UNDERSTORE	Υ	A 8			IER IHAN; >GRE	ATER THAN; = AB	SOUT EQUAL TO)
4  GRD. LAYER HT CODES: CVR CODES:	1=>25m		CVR \$10% 2=1	Γ≤10π		.5 <ht≤1m 6="0.2&lt;HT≤&lt;br">60% 4=CVR&gt;60% N</ht≤1m>	
STANDING SNAGS			<10		10 - 24	25 – 50	>50
ABUNDANCE CODES:			NONE RERA	ARE.	O=OCCASIONAL		I/O=Not observed
STAND MATURITY:			YOUNG		MID-AGE	MATURE	OLD GROWTH
VEGETATION TYPE	Past	ve/	hay			CODE: N/A -	A G
COM	PLEX			-		CODE:	
Evidence of Distr	urbance / I	Notes:	- pas	Ho	ire has bea	n mower	Wait

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

Signature:

(Project Manager)

Signature:

ELC Polygon: #		essment Type: 💆-\							
Extent of Physical Inve	estigatio	on of Feature: □-E	Entire / 🗆	-Partial, wa	lk through p	olygon <i>(ind</i>	icate on map)		
Reptile / Bat Hiberr	nacula	□-Y [i.e. brid, Cor □-Y	/* / □-N / features the ge abutmentains por /* / □-N /	/ □-Unknown at would produce the sor culverts tential bat he / □-Unknown	vide a route ur s with cracks/d ibernacula fo	is (*if yes, d inderground, i entry points, d eatures? is (*if yes, d	l <b>escribe in table</b> neluding buried c	oncrete or rock (e.g. foundatities or inactive animal burro	
POTENTIAL HIBERN	IACULA	A FEATURE(S) (DI	ENTIFIE	D					
UTM		Fear	ture Desc	ription		Photo No.	Spp. O	bserved Using Feature	
			\						
Bat Roosting Featu			I-Unknow tith open	yn, no acces surrounding	ss (*if yes, d	<i>escribe in t</i> icm, side-fa	able below) cing cavities ~	10m high in tree]	
POTENTIAL BAT RO UTM	OSTING Tree I		ENTIFIE DBH	Photo No.	Doggy Cl	200 (1.5)	No of Coviding	Height and Type of Cavi	4:00
OTM	i ree i	D Tree Spp.	DBH	Photo No.	Decay Cla	ass (1-5)	No. of Cavities	Height and Type of Cavi	ties
Stick Nests:		<u> </u>	ntains lar Y* / ロ-N	ge stick nes / 🗆-Unknov	sta? vn, no acces	ss (*if yes, o	describe in tabl	e below)	
STICK NEST(S) IDEN	TIFIED		\	_	1 22 22	T			
UTM		Tree ID	Tree	Spp.	Nest Size	Photo No.	Spp. C	bserved Using Feature	
			- A						
Seeps/Springs/Ver	nal Po	ols: Col	ntains se Y* / □-N	eps/springs	/vernal pool	s? ss (*if yes, o	lescribe in table	e below)	
SEEP / SPRING / VER	NAL P								
UTM	F	Feature No. & Type	Feature (Diam		ater Depth	Photo No.	Sub/Emergen Spp. Prese	10	Edge
									***************************************
SPECIES & HABITAT	Γ OBSE	RVATIONS (list spe	ecies and	type of obse	rvation & in	dicate on m	ap)		
		•							14.157
		*						040	# 150
								9979	8.3
								2.2	n and a
						<u> </u>			

Stantec	Stantec Cor 1 – 70 South Guelph, ON Canada N10 Tel: (519) 83 Fax: (519) 83	gate Dnv 3 4P5 6-6050		′ R Woodlar	oadside EL0 nd & Wildlife sessment Fo	Habitat
Project Number:	16095	0 26	9	Project Name:	NRWC	
Date:	June	27		Field Personnel:	N. Charlton	
Weather Conditions:	TEMP (5	_ 1	WIND: 2-3	CLOUD:	PPT:	PPT (in last 24 hrs):
				POLYGON DES	CRIPTION	<u> </u>
				TOPOGRAPHIC)F	EATURE	HISTORY
COMMUNITY	POLYGON: START TIM END TIME:	29	1-3- 40	☐ TABLELAND	☐ TALUS ☐ CREVICE / CAVE ☐ ALVAR ☐ ROCKLAND ☐ BEACH / BAR ☐ SAND DUNE ☐ BLUFF	□ NATURAL Ø CULTURAL
STAND DESCRIP	TION:	CVR	SPECIE	S IN ORDER OF D	DECREASING DOM	INANCE
	-   "	CVK	(>>MUCH GREA	TER THAN; >GRE	ATER THAN; = AB	OUT EQUAL TO)
1 CANOPY 2 SUB-CANOPY	/	-				)
3 UNDERSTORE						
4 GRD. LAYER	6-7	4	PHAARUN >C	utanss > A	SCSYRI > DA	UCARO
HT CODES: CVR CODES:					5 <ht≤1m 6="0.2&lt;HT≤&lt;br">60% 4=CVR&gt;60% N</ht≤1m>	
STANDING SNAGS	:		<10	10 – 24	25 – 50	>50
BUNDANCE CODES:		N	=NONE R=RARE	O=OCCASIONAL	A=ABUNDANT N	O=Not observed
STAND MATURITY:	PIONEER	₹	YOUNG	MID-AGE	MATURE	OLD GROWTH
VEGETATION TYPE Dry - MA		Fiel	d meador	J	CODE: CUM I	-)
СОМ	PLEX				CODE:	
Evidence of Dist	ırbance /	Notes:		Chy w	nomow st 1 marsh 5	ripof
				da	much	•
				UCI	( ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	

LAYERS: 1=CANOPY >10m 2=SUB-CANOPY 3=UNDERSTOREY 4=GROUND (GRD.) LAYER
ABUNDANCE CODES: N=NONE R=RARE 0=OCCASIONAL A=ABUNDANT D=DOMINANT N/O=Not observed DISTANCE FROM RD. LAYER COLL. SPECIES CODE ≤5 m >5 m 2 4 13 3 TREES: SHRUBS: GROUND: A 0 R 120 Quality Control: This form is complete ( legible ).

Signature:

(Project Manager)

Signature:

(Field Personnel)

			,								Wildli	fe Habitat Assess	ment Form
ELC Polygon: #29-	-3 Asse	ssment Type:	<b>12</b> -V	ísual; no	access	/ 🗆 -	Walk throu	gh feature	е				
Extent of Physical In	 vestigatio	n of Feature:	<b>Q</b> -E	intire / 🗆	-Partial,	wall	through p	olygon <i>(in</i>	ndica	ate on map)			
Reptile / Bat Hibe	rnacula I		□-Y [i.e.: bridg Con □-Y	* / 🗹-N / features the ge abutment tains pot  * / 🖸-N /	/ □-Unking would not would not or culter the tential bare / □-Unki	nowr proviverts at hik	ide a route ur 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. for nactive animal	
POTENTIAL HIBER	NACULA	FEATURE(S)	1DE	NTIFIE	D								
UTM			Feat	ure Desc	ription			Photo No	0.	Spp. O	bserved	Using Featur	re
		***************************************								······································			
		,		·····	<del>!</del>		***************************************		_			<del></del>	
								***					
Bat Roosting Fea			s wi	-Unknow ith open	vn, no ad surround	ces	s (*if yes, d	<i>escribe in</i> cm, side-	tab facir	le below) ng cavities ~	10m hiç	jh in tree]	
POTENTIAL BAT R	i								,				A.
UTM	Tree II	D Tree Sp	р.	DBH	Photo	No.	Decay Cla	ass (1-5)	No	. of Cavities	Heigh	t and Type of	Cavities
											***************************************		
Stick Nests:			Cor	ntains/ar /* / 04-N	ge stick / 🔲-Unk	nest	s? n, no acces	s (*if yes,	des	scribe in table	e below	<i>'</i> )	
STICK NEST(S) IDE UTM	NTIFIED		1	Т	6		N C'	D1 / N	, I		.1	1771 77	
UTM		Tree ID		1 гее	Spp.		Nest Size	Photo N	0.	Spp. C	Dserve	d Using Featu	re
						***************************************					***************************************		
		***************************************											
Seeps/Springs/Ve	rnal Pod	ols:	Cor	ntains se ∕* / □₌N	eps/spri	ngs/\	vernal pool	s? :s (*if vac	dos	scribe in table	a halau	d	
SEEP/SPRING/VE	RNAL PO	OL FEATURE				IIOVVI	ii, iio acces	is ( II yes,	ues	scribe ili tabil	- Delow	<u>/</u>	
UTM		eature No. & Ty	T	Feature (Diame	e Size	Wa	ter Depth	Photo No	0.	Sub/Emergen Spp. Prese	t Veg. nt?	Shrubs/ Logs Preser	
SPECIES & HABITA	T OBSER	RVATIONS (list	t spe	cies and	type of o	bser	vation & in	dicate on 1	map	)			
													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 Project Number:	Stantec Con 1 – 70 South Guelph, ON Canada N1C Tel: (519) 83 Fax: (519) 83	gate Driv 3 4P5 3-6050	Ltd. Coll Ti Poly 4	Woodla	oadside ELG nd & Wildlife sessment Fo	Habitat
Date:	June	27,	202	Field Personnel:	N. Chartton	Λ
Weather Conditions:	TEMP (°		WIND: 2-3	CLOUD:	PPT:	PPT (in last 24 hrs):
				POLYGON DES	CRIPTION	Ta .
				TOPOGRAPHIC F	EATURE	HISTORY
ELC  COMMUNITY DESCRIPTION & CLASSIFICATION	POLYGON: START TIM END TIME:	29	-4 50 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			EATER THAN; = AB	
1 CANOPY	_	-	(PANOCH GREA	TER THAN, PORE	ATER ITIAN, - AD	OUT EQUAL TO)
2 SUB-CANOP	Y				***************************************	
3 UNDERSTORE	Υ					
4 GRD. LAYER	107	4	Forbs > 9	rass		
HT CODES: CVR CODES:	1=>25m 0=NONE				5 <ht≤1m <b="">6=0.2<ht≤ 60% <b>4=</b>CVR&gt;60% N</ht≤ </ht≤1m>	
STANDING SNAGS	:		<10	10 – 24	25 – 50	>50
ABUNDANCE CODES:		N	=NONE R=RARE	O=OCCASIONAL	A=ABUNDANT N	O=Not observed
STAND MATURITY:	PIONEER		YOUNG	MID-AGE	MATURE	OLD GROWTH
VEGETATION TYPE	Pautu	re	hay		CODE: N/A -	AG
СОМ	PLEX				CODE:	
Evidence of Distr	urbance / I	Notes:		- [	pas/hay	
				-al	1 cut	

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

Signature:

(Project Manager)

Signature:

(Field Personnel)

ELC Polygon: #	Assess	sment Type:	-Visual; nc	acces:	s / 🛚-	-Walk throu	gh feature			
Extent of Physical Inv	estigation (	of Feature:	-Entire / 🗆	I-Partial	I, wall	k through po	olygon <i>(ind</i>	licate on map)		
Reptile / Bat Hiber	nacula Fe	i.d	I-Y* / □-N , e. l'eatures th idge abutrue ontains po I-Y* / □-N ,	/ D-Unlate would be the control of t	knowr d providverts bat hil knowr	ride a route un with cracks/e bernacula fe	s (*if yes, daderground, i entry points, deatures? eatures, das es (*if yes, das	<i>lescribe in table</i> ncluding buried c	concrete o vices or i	or rock (e.g. foundations, nactive animal burrows)]
POTENTIAL HIBERN	NACULA F			~, × • ·	4704.6-	William Hallaway year	r cares ₁			
UTM		Fe	eature Desc	cription			Photo No.	Spp. O	bserved	d Using Feature
					***************************************					
Bat Roosting Feat	ures:	Contains pote □-Y* \ □-N / [i.e. tall\trees	□-Unknov	wn, no a	acces	s (*if yes, de	escribe in t	able below) cing cavities ~	10m hiç	gh in tree]
POTENTIAL BAT RO		FEATURE(§) II	DENTIFIE	ED						
UTM	Tree ID	Tree Spp.	DBH	Photo	No.	Decay Cla	ass (1-5)	No. of Cavities	Height	t and Type of Cavities
		<u> </u>							<u> </u>	
Stick Nests:		C	Contains laı ⊒-Y* / □-N	rge sticl / □-Un	k nest know	ts? ⁄n, no acces	ss (*if yes, c	describe in tabl	e below	/)
STICK NEST(S) IDEN UTM		Tree ID	\ 	<u> </u>		N4 Ci	Di -4- N-	5 (	<u></u>	7 T . T . A
UIN		Tree ID	1 ree	e Spp.		Nest Size	Photo No.	. Spp. C	<u>)bserve</u>	d Using Feature
			***************************************							
					\		<u>-</u>			
Seeps/Springs/Ver			]-Y* / □-N	/ 🗆-Un	rings/ iknow	vernal pools n, no acces	s? ss (*if yes, c	describe in tabl	e below	()
SEEP / SPRING / VER	NAL POO	L FEATURE(S	<del></del>				T	0.170	1 %7	C. I.(I., A.E.)
UTM	Feat	ture No. & Typ	e Feature (Diam		Wa	ter Depth	Photo No.	Sub/Emergen Spp. Prese	_	Shrubs/ Logs at Edge Present?
		***************************************							his high risks in guil ressau annes ressau	
SPECIES & HABITAT	T OBSERV	ATIONS (list s	pecies and	type of	obser	vation & inc	dicate on m	ap)		
				<u> </u>						***
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										500

Stantec	Stantec C 1 – 70 Sou Guelph, Ol Canada N Tel: (519) I Fax: (519)	thgate Dn N 1G 4P5 336-6050	Ltd. Coll. Tile Poly 5	Woodla	oadside ELC nd & Wildlife sessment Fo	Habitat
Project Numbe	16099	0260	1	Project Name:	NRWC	
Date	3: June	27,	2012	Field Personnel:	N. Charlton	`
Veather Conditions:	TEMP		WIND: 2-3	CLOUD:	PPT:	PPT (in last 24 hrs):
				POLYGON DES	CRIPTION	
				TOPOGRAPHIC	EATURE	HISTORY
ELC COMMUNITY DESCRIPTION & CLASSIFICATION		129 ME: 12	7-5 :00 :05	☐ LACUSTRINE ☐ RIVERINE ☐ BOTTOMLAND ☐ TERRACE ☐ VALLEY SLOPE ☐ TABLELAND ☐ ROLL. UPLAND ☐ CLIFF	☐ TALUS ☐ CREVICE / CAVE ☐ ALVAR ☐ ROCKLAND ☐ BEACH / BAR ☐ SAND DUNE ☐ BLUFF	□ NATURAL □ CULTURAL
STAND DESCRI	PTION:					
LAYER	нт	CVR			DECREASING DOMI EATER THAN; = ABO	
1 CANOPY						
2 SUB-CANO	PY					
3 UNDERSTOR	REY					
4 GRD. LAYE IT CODES: CVR CODES:	1=>25				5 <ht≤1m 6="0.2&lt;HT≤0&lt;/td"><td></td></ht≤1m>	
TANDING SNAG	S:		<10	10 – 24	25 – 50	>50
BUNDANCE CODES	S:		-NONE R=RARE	O=OCCASIONAL	A=ABUNDANT N/	O=Not observed
TAND MATURIT	PIONE	R	YOUNG	MID-AGE	MATURE	OLD GROWTH
VEGETATION TYP	e: Agni	cult	we-fie	ld	CODE: N/A	AG
T 60	MPLEX				CODE:	

**Evidence of Disturbance / Notes:** 

grass/grain field pic #6 LAYERS: 1=CANOPY >10m 2=SUB-CANOPY 3=UNDERSTOREY 4=GROUND (GRD.) LAYER
ABUNDANCE CODES: N=NONE R=RARE 0=OCCASIONAL A=ABUNDANT D=DOMINANT N/0=Not observe

ABUNDANCE CODES: N=NONE R=RARE 0=0	164	LA	YER		DISTANCE	COLL.	
SPECIES CODE	0.18	2	3	4	≤5 m	>5 m	COL
TREES:			45	The state of	A SOURCE SE		427
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SHRUBS:	Acet M	erf Sg No.		1 2個是		· Xero karr	200
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	2000		E.184303627	2	-		
Grass			$\vdash$	D	-		
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1 2							
				T			

Signature: M. M. Charles (Field Personnel)

Quality Control: This form is complete \$100 legible \$100.

Signature: | Ata Newson |
(Project Manager)

ELC Polygon: #	Assessi	ment Type: 也-	Visual; no	access / l	⊒-Walk throu	igh feature			
Extent of Physical Investig	gation o	of Feature: Q-	Entire / 🗖	-Partial, w	alk through p	oolygon <i>(inc</i>	dicate on map)		
Reptile / Bat Hibernac	ula Fe	□- [i.e brit Co □-	Y* / □-N / features the dge abutmentains potentials of the control of the contro	/ □-Unkno pat would preats or culver tential bat / □-Unkno	ovide a route tr ts with cracks/ hibernacula/	ss (*if yes, onderground, ontry points. eatures? ss (*if yes, o	describe in table including buried c	onerete /ices or i	or rock (e.g. foundations, inactive animal burrows)]
POTENTIAL HIBERNAC	ULA FI				/_				
UTM		Fe	ature Desc	ription		Photo No.	Spp. O	bserve	d Using Feature
						<u> </u>		<u>-</u>	
Bat Roosting Features POTENTIAL BAT ROOST			⊒-Unknow with open	vn, no acce surroundir	ess (*if yes, d		table below) acing cavities ~	10m hi	gh i <b>n</b> tre <b>e</b> ]
	ee ID	Tree Spp.	DBH	Photo No	. Decay Cl	ass (1-5)	No. of Cavities	Heigh	t and Type of Cavities
Stick Nests:	elen.	Co	ontains lar -Y*// □-N	ge stick ne / ロ-Unkno	ests? own, no acce	ss (*if yes,	describe in tabl	e belov	v)
STICK NEST(S) IDENTIF UTM		Tree ID	/ Tree	Spp.	Nest Size	Photo No	Spp (	heerve	d Using Feature
CIVI		/	/ 1100	орр.	Nest Size	1 HOLO INC	. зрр. с	)DSCI VC	d Csing Feature
		/							
Seeps/Springs/Vernal		/ 👊	-Y* / □-N	/ 🗆-Unkno	s/vernal pool	s? ss (*if yes,	describe in tabl	e belov	v)
SEEP / SPRING / VERNA	L POO	L FEATJURE(S	1			<u> </u>			
UTM	Feat	ure No. & Type	Feature (Diame		Vater Depth	Photo No.	Sub/Emerger Spp. Prese		Shrubs/ Logs at Edge Present?
					·····				
		1							
SPECIES & HABITAT OF	BSERV	ATIONS (list sr	ecies and	type of obs	ervation & in	dicate on m	ian)		
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	TTO NO (HIST S)	ocios una	1) pe 01 003	or vacion & m	areare on n	тар,		
									a t
									65.0

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

Stantec	Stantec Con- 1 – 70 Souths Guelph, ON Canada N1G Tel. (519) 836 Fax: (519) 83	6050	Ltd. Coll. 7 By 6	Woodla	Roadside EL and & Wildlife sessment Fo	e Habitat
Project Number:	160450	719	· · · · · · · · · · · · · · · · · · ·	Project Name	· NEWC	
•	June 2	-01		Field Personne		_
Weather Conditions:	TEMP (%		wind: 2-3	CLOUD:	PPT:	PPT (in last 24 hrs):
				POLYGON DES	SCRIPTION	
				TOPOGRAPHIC	FEATURE	HISTORY
COMMUNITY	POLYGON: START TIMI END TIME:	29 	-6 :05	□ LACUSTRINE □ RIVERINE □ RIVERINE □ DEFRACE □ VALLEY SLOPE □ TABLELAND □ ROLL. UPLAND □ CLIFF	☐ TALUS ☐ CREVICE / CAVE ☐ ALVAR ☐ ROCKLAND ☐ BEACH / BAR ☐ SAND DUNE ☐ BLUFF	ØNATURAL □ CULTURAL
STAND DESCRIP	TION			•		
LAYER  1 CANOPY 2 SUB-CANOPY 3 UNDERSTORE 4 GRD. LAYER HT CODES: CVR CODES:	5 - 7 1=>25m		(>>MUCH GRE	ATER THAN; >GRI  >>PHARRUM  Om 4=1 <ht<2m 5="0&lt;/th"><th>DECREASING DOM EATER THAN; = AB  / &gt; VITPIPA  0.5-HTS1m 6=0.2-HTS  1560% 4=CVR&gt;60% N</th><th>OUT EQUAL TO)</th></ht<2m>	DECREASING DOM EATER THAN; = AB  / > VITPIPA  0.5-HTS1m 6=0.2-HTS  1560% 4=CVR>60% N	OUT EQUAL TO)
STANDING SNAGS:			<10	10 – 24	25 – 50	>50
ABUNDANCE CODES:		N	I=NONE R=RARI	O=OCCASIONAL	A=ABUNDANT N	I/O=Not observed
STAND MATURITY:	PIONEER		YOUNG	MID-AGE	MATURE	OLD GROWTH
VEGETATION TYPE		river	al shallow	marsh	CODE: MASZ	-/
COM	PLEX				CODE:	
Evidence of Dist	urbance / N	Notes:	catte	ail MAS	•	
			RWB	B		

MODO

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

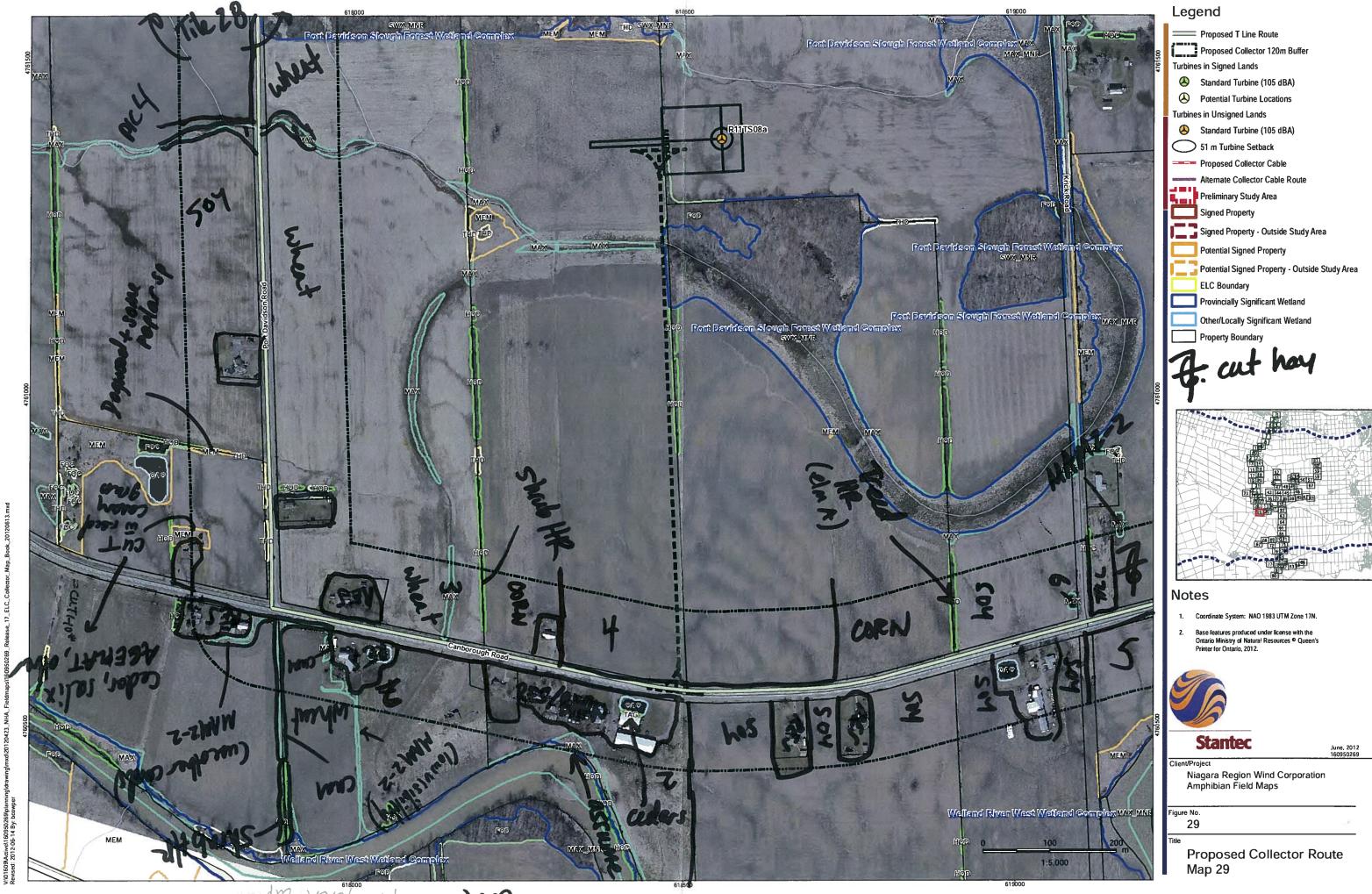
 ABUNDANCE CODES:
 N=NONE
 R=RARE
 0=OCCASIONAL
 A=ABUNDANT
 D=DOMINANT
 N/O=Not observed

 DISTANCE FROM RD. LAYER SPECIES CODE COLL. ≤5 m >5 m 1 2 3 4 TREES: 12 V R SHRUBS: CORNUS (GRAY) GROUND: 0 0-k _

Signature: MMUM (Field Personnel)	Quality Control: This form is complete to & legible 1.  Signature:   (Project Manager)

ELC Polygon: #	Asses	ssment Type:	<b>⊴</b> -Vis	sual; no	acces	s / 🔾-	Walk throu	gh feature	<b>:</b>		
Extent of Physical Inv	- estigatior	n of Feature:	⊒-En	tire / 🗖	-Partia	l, wall	through p	olygon <i>(in</i>	dicate on map)		
Reptile / Bat Hiber		Contains potential reptile hibernacula features?  —Y* / ☑-N / □-Unknown, no access (*if yes, describe in table below)  [i.e. features that would provide a route underground, including buried concrete or rock (e.g. foundations, bridge abutments or culverts with cracks/entry points, exposed rock crevices or inactive animal burrows)]  Contains potential bat hibernacula features?  —Y* / ☑-N / □-Unknown, no access (*if yes, describe in table below)									
[i.e. karst topography, abandoned mines or caves]  POTENTIAL HIBERNACULA FEATURE(S) IDENTIFIED											
UTM				re Desc				Photo No	. Spp. O	bserved	Using Feature
	Contains potential bat roosting features?  □-Y* / □-N / □-Unknown, no access (*if yes, describe in table below)  [i.e. tall trees with open surroundings, DBH >25cm, side-facing cavities ~10m high in tree]										
POTENTIAL BAT RO	OSTING Tree ID			NTIFIE DBH	D Photo	No	Decay Cla	20 (1.5)	No. of Cavities	Haigh	and Type of Covities
UTIVI	1166 10	, tree ohb	-	וופע	FHULU	NU.	Decay Ca	ISS (1-3)	No. of Cavilles	rieign	t and Type of Cavities
Stick Nests:	□-Y* / ॼ-N / □-Unknown, no access (*if yes, describe in table below)										
STICK NEST(S) IDEN	TIFIED	Tree ID		Tree	Spp.	<del></del>	Nest Size	Photo N	Snn (	N. CANNO	d Using Feature
01171		TICCID		1166	opp.		Nest Size	I HOLO IA	ս, որի, (	) DSEI VE	u Osnig Feature
PP-0-11-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-											
Seeps/Springs/Ver			<b>U-Y</b> *	' / 🗀-N /	/ <b>년</b> -Un	rings/\ know	vernal pools n, no acces	s? s (*if yes,	describe in tabl	e below	()
SEEP/SPRING/VER				DENTIF Feature					CL/E	4 \$7	Charlett and File
UTM	Fe	ature No. & Ty	pe	(Diame		Wa	ter Depth	Photo No	Sub/Emerger Spp. Prese		Shrubs/ Logs at Edge Present?
SPECIES & HABITAT	Γ OBSER	VATIONS (list	speci	ies and	type of	obser	vation & inc	dicate on n	nap)		
			•		VI.						
											5
											29
7											

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



CMM. 201 acupo 1 21 gran ap

Stantec	Stantec Con 1 – 70 South Guelph, ON Canada N10 Tel: (519) 830 Fax: (519) 83	gate Driv 3 4P5 3-6050		Woodla	oadside EL nd & Wildlif sessment F	e Habitat			
Project Number:	160950	269		Project Name:	NRWC				
Date:	June 2								
				·		Y			
Weather Conditions:	TEMP (°		WIND: 2-3	CLOUD:	PPT:	PPT (in last 24 hrs):			
		'		POLYGON DES	CRIPTION	2			
				TOPOGRAPHIC F		HISTORY			
COMMUNITY	POLYGON: START TIM END TIME:	30	:15	☐ LACUSTRINE ☐ RIVERINE ☐ BOTTOMLAND ☐ TERRACE ☐ VALLEY SLOPE ☐ TABLELAND ☐ CLIFF	☐ TALUS ☐ CREVICE / CAVI ☐ ALVAR ☐ ROCKLAND ☐ BEACH / BAR ☐ SAND DUNE ☐ BLUFF	O NATURAL CULTURAL			
STAND DESCRIP	TION:								
LAYER	нт	CVR	1	S IN ORDER OF D					
1 CANOPY			(>>MUCH GREA	TER THAN; >GRE	ATER THAN; = A	BOUT EQUAL TO)			
2 SUB-CANOP	v								
3 UNDERSTORE									
4 GRD. LAYER		4	Grass						
HT CODES:			T≤25m <b>3</b> =2 <ht≤10< td=""><td>m 4=1<ht≤2m 5="0.&lt;br">VR≤25% 3=25<cvr≤< td=""><td></td><td></td></cvr≤<></ht≤2m></td></ht≤10<>	m 4=1 <ht≤2m 5="0.&lt;br">VR≤25% 3=25<cvr≤< td=""><td></td><td></td></cvr≤<></ht≤2m>					
STANDING SNAGS	:		<10	10 – 24	25 – 50	>50			
ABUNDANCE CODES:		N	=NONE R=RARE	O=OCCASIONAL	A=ABUNDANT	N/O=Not observed			
STAND MATURITY:	PIONEER	2	YOUNG	MID-AGE	MATURE	OLD GROWTH			
VEGETATION TYPE	Past	we	/		CODE: N/A	- A9			
COM	PLEX				CODE:				
Evidence of Dist	urbance / I	Notes:	Fence	l grasses	, - partur	e/hay			
			Pic#	l grasses 7					

ABUNDANCE CODES: N=NONE R=RARE O=	ine word	LA	YER	54, 63	DISTANCE	COLL.	
SPECIES CODE	1	2	3	4	≤5 m	>5 m	COLL
REES:	TENER.				DO WHAT		
				<del> </del>			
				-			
				1			
SHRUBS:	25347	退機器	1000	No.	E PROPERCO		11(8:0)
				ļ		-	-
				<b>†</b>			
							_
					ļ		_
			-	<u> </u>			
GROUND: Ground	17	BANK E		朝人们	2万排2		144
G TOSSES	12					V	
			_				
	<b> </b>		<u> </u>	-			
	-				<del>                                     </del>		

ignature: -	Mul gran (Field Personnel)	Quality Control This form is complete and legible and Signature:  (Project Manager)

ELC Polygon: #	Asses	ssment Type: I	☑-Visua	al; no	access / 🗆	-Walk throu	igh feature	Э		
Extent of Physical Inv	estigation	n of Feature:	<b>□</b> -Entir	e / 🗅	-Partial, wa	lk through p	oolygon <i>(in</i>	idicate on map)		
Reptile / Bat Hiber	nacula F		□-Y* / [ [i.e. featt bridge al Contain □-Y* / [	□-N / ures the butmer ns pote □-N /	at would provints or culverts ential bat his	n, no acces vide a route up with cracks/dibernacula f n, no acces	ss (*if yes, nderground, entry points eatures?) ss (*if yes,	describe in table, including buried of	onerete o	or rock (e.g. foundations, metive animal burrows)]
POTENTIAL HIBERN	NACULA					Mark Araticals	/			
UTM			Feature	Desci	ription		Photo No	o. Spp. C	bserved	Using Feature
Bat Roosting Feat		[i.e. tall tree	/ Q-Un s with o	know open s	n, no acces surrounding	ss (*if yes¦, d		table below) facing cavities ~	10m hig	h in tree]
POTENTIAL BAT RO UTM	OOSTING Tree ID	<u>``</u>		BH	Photo No.	Degay Cl	(1.5)	No. of Cavities	Height	and Type of Cavities
UTW	i i ee i b	i ree Spp	). D	DII	FIIOLO NO.	Deray Ci	ass (1-5)	No. 01 Cavities	rieignt	and Type of Cavities
Stick Nests:			Contair □-Y* /	ns lar	ge stick nes / 🔲-Unknoy	s/s? vn, no acces	ss (*if yes,	describe in tabl	e below	)
STICK NEST(S) IDEN	TIFIED		7							
UTM		Tree ID		Tree	Spp. /	Nest Size	Photo N	o. Spp. (	Observed	l Using Feature
					-/-					
Seeps/Springs/Ver	rnal Poo	ls:	Contair □-Y* /	ns sec □-N	eps/springs / 🗆/Unknow	/vernal pool	s? ss (*if yes,	describe in tabl	e below	)
SEEP / SPRING / VEH	RNAL PO	OL FEATURE	<del></del>				1			
UTM	Fe	eature No. & Ty	vnei	Diamy	/ 1 001	ater Depth	Photo No	Sub/Emerger Spp. Prese		Shrubs/ Logs at Edge Present?
				_	-					
				+					13	
SPECIES & HABITA	T OBSER	VATIONS (list	t species	/and t	type of obse	rvation & in	dicate on 1	map)		
										a .
,										A = 4
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										A

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Canada N1G 4P5

# Stantec Consulting Ltd. Coll. Tile 30' Roadside ELC, Guelph ON Polu 3

### Woodland & Wildlife Habitat **Assessment Form**

Project Name: NOW ( Project Number: Date: Field Personnel:

Weather Conditions:	
---------------------	--

WIND: 2-3 TEMP (°C): CLOUD: 90 20

PPT: PPT (in last 24 hrs):

### **POLYGON DESCRIPTION**

SPECIES IN ORDER OF DECREASING DOMINANCE

	TOPOGRAPHIC FEATURE HISTORY
CLASSIFICATION & POLYGON: 30 - 3  START TIME: 1.20 MM  END TIME: 1.30 MM	□ LACUSTRINE □ TALUS □ CREVICE / CAVE □ CREVICE / CAVE □ CULTURAL □ CREVICE / CAVE □ CULTURAL □ CULTURAL □ COLLEY SLOPE □ BEACH / BAR □ SAND DUNE □ ROLL. UPLAND □ BLUFF □ BLUFF

### STAND DESCRIPTION: LAYER

			• • • • • • • • • • • • • • • • • • • •	(>>MUCH GREA	ATER THAN; >GRE	ATER THAN; = AB	OUT EQUAL TO)
1	CANOPY	2	T	FRAX			
2	SUB-CANOPY						
3	UNDERSTOREY	14	1	CORNUS >	CAMBUCH	/)	
4	GRD. LAYER	5-+	4	PHARM			
	CODES: R CODES:					5 <ht≤1m 6="0.2&lt;HT≤&lt;br">60% 4=CVR&gt;60% N</ht≤1m>	
ST	ANDING SNAGS:			<10	10 – 24	25 – 50	>50
ABI	UNDANCE CODES:		N	=NONE R=RARE	O=OCCASIONAL	A=ABUNDANT N	/O=Not observed
ST	AND MATURITY:	PIONEER		YOUNG	MID-AGE	MATURE	OLD GROWTH
VE	GETATION TYPE: Yeld (1	avan	Wijn	en meado	u marsh	CODE: MAM	2-2
	COMPL	EX				CODE:	

**Evidence of Disturbance / Notes:** 

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

ABUNDANCE CODES: N=NONE R=RARE O=	i masala	LA'	YER		DISTANC	COLL.	
SPECIES CODE	10.	2	3	4	≤5 m	>5 m	COLL
TREES:	ARRY.	7月波响	200	3 24 41	el Flores		- 2D
FRAXINIM	R-0						
SHRUBS:		9 a.B	E3 96	362			34.00
SAMBUCUS (with flat top)	2-0				V	1	
SAMBUCUS (with flat top) CorNUS (gray)	2-0						
						A	
			1 1 1				
GROUND:	4832	14 . jsk	ma.	96,500	7. F	190	11.15
PHARUN				A			
			П				

Quality Control: This form is complete 2 & legible 2

Signature:

(Project Manager)

											4411/011	C Habitat / 133C33ITICTIC T OITH
ELC Polygon: #	Asses	sment Type:	u-vi	isual; no	access	; / 💷-	Walk throu	gh feature	<b>.</b>			
Extent of Physical Inve	estigation	of Feature:	<b>Q-</b> E	ntire / 🗖	-Partial	, wall	k through p	olygon <i>(in</i>	dica	ate on map)		
Reptile / Bat Hiberi	nacula F		□-Y [i.e. t bridg Cont □-Y	* / 🗹-N / catures the e abutmentains pot * / 🖸-N /	' □-Unk at would ats er cul tential b ' □-Unk	nowr proviverts at hik	ide a route un with cracks/c pernacula fo	s (*if yes, aderground, entry points eatures? s (*if yes,	des inc exp	scribe in table luding buried c posed rock crev scribe in table	onerete i ices or i	or rock (e.g. foundations, nactive animal burrows)]
POTENTIAL HIBERN	ACULA						med tittles o					
UTM				ure Desc				Photo No	).	Spp. O	bserved	Using Feature
						***************************************						
		***************************************		***************************************					_		***************************************	
Bat Roosting Featu	ıres:	Contains/pour Park / Pa	/ 🗆-	-Unknow	n, no a	cces	s (*if yes, d	<i>escribe in</i> cm, side-l	<i>tab</i> faci	nle below) ng cavities ~	10m hig	gh in tree]
POTENTIAL BAT RO	OSTING			NTIFIE	D							
UTM	Tree ID	Tree Sp	р.	DBH	Photo	No.	Decay Cl	ass (1-5)	No	o. of Cavities	Height	t and Type of Cavities
					ő							
					2							
Stick Nests:		· · · · · · · · · · · · · · · · · · ·	Con	tains/lar	ge stick	nest	ts?	ss (*if ves.	de	scribe in table	e below	·/)
STICK NEST(S) IDEN	TIFIED						,	, , , , ,				,
UTM		Tree ID		Tree	Spp.		Nest Size	Photo N	0.	Spp. C	bserve	d Using Feature
										****		
S10		1-	0	4-1								
Seeps/Springs/Ver	nai Pooi	IS:	□-Y	itains se ′* / □-N	eps/spr / ☑-Uni	Ings/ (now	vernal pool	s:{ ss (*if yes,	de	scribe in table	e below	<i>'</i> )
SEEP / SPRING / VER	NAL PO	OL FEATURE										
UTM	Fea	nture No. & T	ype	Feature (Diame		Wa	ter Depth	Photo No	) <b>.</b>	Sub/Emergen Spp. Prese		Shrubs/ Logs at Edge Present?
			-				······		_			
SPECIES & HABITAT	OBSERV	VATIONS (lis	t sne	cies and	type of o	obser	vation & in	dicate on r	nan	)		
			оро	2100 4110	•3 pc or ·	00001	1441011 65 111	areate on 1	шр	<u>''</u>		
												*
												2.7

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:	1007001	gate Driv 3 4P5 3-6050	Roly	٦ Woodla	7 7 7	Habitat
Weather Conditions:	TEMP (°	C):	2-3	CLOUD:	PPT:	PPT (in last 24 hrs):
				POLYGON DES	CRIPTION	
				TOPOGRAPHIC F	EATURE	HISTORY
COMMUNITY	POLYGON: START TIMI END TIME:	30	<u>-4</u> 0	☐ LACUSTRINE ☐ RIVERINE ☐ BOTTOMLAND ☐ TERRACE ☐ VALLEY SLOPE ☐ TABLELAND ☐ ROLL. UPLAND ☐ CLIFF	☐ TALUS ☐ CREVICE / CAVE ☐ ALVAR ☐ ROCKLAND ☐ BEACH / BAR ☐ SAND DUNE ☐ BLUFF	□ NATURAL
				LICLIFF	I	
STAND DESCRIP	TION:	CVR		ES IN ORDER OF D	DECREASING DOMI	
		CVR		ES IN ORDER OF D		
LAYER  1 CANOPY 2 SUB-CANOP	НТ	CVR		ES IN ORDER OF D		
LAYER  1 CANOPY 2 SUB-CANOP 3 UNDERSTORE	HT Y	CVR		ES IN ORDER OF I	EATER THAN; = ABO	OUT EQUAL TO)
LAYER  1 CANOPY 2 SUB-CANOP 3 UNDERSTORE 4 GRD. LAYER HT CODES:	HT  Y  EY  1=>25m	2=10<1	CHARLUN TESS 3=2 <hts10< td=""><td>ES IN ORDER OF EATER THAN; &gt;GRE</td><td></td><td>DUT EQUAL TO)  BROINE R  0.5m 7=HT&lt;0.2m</td></hts10<>	ES IN ORDER OF EATER THAN; >GRE		DUT EQUAL TO)  BROINE R  0.5m 7=HT<0.2m
1 CANOPY 2 SUB-CANOP 3 UNDERSTORE	HT  Y EY 1=>25m 0=NONE	2=10<1 1=0%	CHARLUN TESS 3=2 <hts10< td=""><td>ES IN ORDER OF EATER THAN; &gt;GRE</td><td>&gt; SOLIDAGO .5<ht<1m 6="0.2&lt;hT&lt;1&lt;/td"><td>DUT EQUAL TO)  BROINE R  0.5m 7=HT&lt;0.2m</td></ht<1m></td></hts10<>	ES IN ORDER OF EATER THAN; >GRE	> SOLIDAGO .5 <ht<1m 6="0.2&lt;hT&lt;1&lt;/td"><td>DUT EQUAL TO)  BROINE R  0.5m 7=HT&lt;0.2m</td></ht<1m>	DUT EQUAL TO)  BROINE R  0.5m 7=HT<0.2m
LAYER  1 CANOPY 2 SUB-CANOP 3 UNDERSTORE 4 GRD. LAYER HT CODES: CVR CODES:	HT  Y  EY  1=>25m 0=NONE	2={0<  1=0%	(>>MUCH GREATED A PHAARUN 1T < 25 m 3 = 2 < HT < 10 < CVR < 10 % 2 = 10 < CVR < 10 < CVR < 10 % 2 = 10 < C	ES IN ORDER OF I ATER THAN; > GRE 7 TYPANGU 0m 4=1 <ht<2m 5="0&lt;br">VR&lt;25% 3=25<cvr< td=""><td>&gt; SOLIDAGO .5<ht<1m 4="CVR" 6="0.2&lt;HT&lt;660%">60% N/</ht<1m></td><td>DUT EQUAL TO)  BROINE R  D.Sm 7=HT-0.2m  (O=not observed</td></cvr<></ht<2m>	> SOLIDAGO .5 <ht<1m 4="CVR" 6="0.2&lt;HT&lt;660%">60% N/</ht<1m>	DUT EQUAL TO)  BROINE R  D.Sm 7=HT-0.2m  (O=not observed
LAYER  1 CANOPY 2 SUB-CANOP 3 UNDERSTORE 4 GRD. LAYER 1T CODES: CVR CODES: STANDING SNAGS	HT  Y  EY  1=>25m 0=NONE	2=10<1 1=0%	(>>MUCH GREATED A CONTROL OF THE CON	ES IN ORDER OF I ATER THAN; > GRE 7 TYPANGU 0m 4=1 <ht<2m 5="0&lt;br">VR&lt;25% 3=25<cvr< td=""><td>&gt; SOLIDAGO .5<ht<1m 4="CVR" 6="0.2&lt;HT&lt;660%">60% N/</ht<1m></td><td>DUT EQUAL TO)  PROINE R  D.5m 7=HT&lt;0.2m  (O=not observed</td></cvr<></ht<2m>	> SOLIDAGO .5 <ht<1m 4="CVR" 6="0.2&lt;HT&lt;660%">60% N/</ht<1m>	DUT EQUAL TO)  PROINE R  D.5m 7=HT<0.2m  (O=not observed
LAYER  1 CANOPY 2 SUB-CANOP 3 UNDERSTORE 4 GRD. LAYER 1T CODES: CVR CODES: STANDING SNAGS ABUNDANCE CODES: STAND MATURITY:	HT  Y EY 1=>25m 0=NONE :	2=10<1 1=0%	(>>MUCH GREATING   17525m 3=2 <hts10 </hts10  CVRS10% 2=10<0 V <10 I=NONE R=RARE	FES IN ORDER OF INTER THAN; >GRE  TYPANGUM  TY	> SOL( DAGO .5 <hts1m 6="0.2&lt;HTS0&lt;br">660% 4=CVR&gt;60% N A=ABUNDANT N/</hts1m>	OUT EQUAL TO)    Regular   NE   R.     O.S.m   7=HT<0.2m     O=not observed   N   >50     O=Not observed     OLD GROWTH

Evidence of Disturbance / Notes:

		LA	YER		DISTANCE FROM RD.		
SPECIES CODE	1	2	3	4	≤5 m	>5 m	COL
REES:							16.3
DUDG.							
RUBS: ORNIO (GVING) AMBUCIÓ			R				
OUND: YPANGU POINER OLIDAGO				A O R o			
ignature: Wall (Field Personnel)		Qualit	y Contro	D/.This fç	orm is compl	ete 12 3 Jegib	e D.

ELC Polygon: #30 -1 Extent of Physical Inv		sment Type: ☑ n of Feature: □				_			
Reptile / Bat Hiber	nacula F	i. br Co	-Y* / ☑-N e. features t idge abutmo ontains/po -Y* / ☑-N	hat would provents or culverts tential bat hil	n, no acces ide a route ur with cracks/e bernacula fe n, no acces	s (*if yes, onderground, entry points, eatures? s (*if yes, o	describe in table including buried c	onerete /ices or i	or rock (e.g. foundations, nactive animal burrows)]
POTENTIAL HIBER	NACULA								· · · · · · · · · · · · · · · · · · ·
UTM		Fe	eature Desc	cription		Photo No.	. Spp. O	bserve	d Using Feature
Bat Roosting Feat			□-Unknov with open	vn, no acces surrounding	s (*if yes, d	escribe in cm, side-fa	table below)	10m hiş	gh in tree]
POTENTIAL BAT RO	Tree ID		DENTIFIE	Photo No.	Decay Cla	nes (1.5)	No. of Cavities	Haigh	t and Type of Cavities
0.172		Тес брр.		T ROLO 110.	Decay Ci	355 (1-5)	Two. of Cavities	rieign	t and Type of Cavities
Stick Nests: STICK NEST(S) IDE	NTIFIED	C	ontains /a I-Y* / 🗹-N	rge stick nes / □-Unknow	ts? n, no acces	ss (*if yes,	describe in tabl	e belov	<i>(</i> )
UTM		Tree ID	Tree	Spp.	Nest Size	Photo No	o. Spp. C	Observe	d Using Feature
Seeps/Springs/Ve			I-Y* / □-N		vernal pools n, no acces	s? ss (*if yes,	describe in tabl	e belov	<i>(</i> )
SEEP / SPRING / VEI	RNAL POO	OL FEATURE(S	1			•	0.175	. = 7	
UTM	Fea	ature No. & Typ	e Featur (Diam	Wa	ter Depth	Photo No.	Sub/Emerger Spp. Prese		Shrubs/ Logs at Edge Present?
SPECIES & HABITA	T OBSER	VATIONS (list s	pecies and	type of obser	vation & in	dicate on m	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

B	Stantec Consulting 1 70 Southgate Dr Guelph, ON Canada N1G 4P5 Tel: (519) 836-6050 Fax: (519) 836-2493	Poly 5	Woodla	loadside EL nd & Wildlif sessment F	e Habitat
Project Number:	1609507	169	Project Name	MRWC	
Date:	June 2	7-	Field Personnel	N Charle	~
Weather Conditions:	TEMP (°C):	WIND; 2-7	CLOUD:	PPT	PPT (in last 24 hrs);
			POLYGON DES	CDIDTION	
			TOPOGRAPHIC I		HISTORY
DICTACE WILLIAM STRUCK	POLYGON:	1 - C	LACUSTRINE	TALUS	<b>EX</b> NATURAL
ELC	3(	1-7	RIVERINE	CREVICE / CAV	E CULTURAL
COMMUNITY	START TIME: /	: 35	TERRACE	ROCKLAND	
DESCRIPTION &	END TIME:	. 33	U VALLEY SLOPE	☐ BEACH / BAR ☐ SAND DUNE	
CLASSIFICATION			CLIFF	D BLUFF	
STAND DESCRIP	TION				
		SPECI	ES IN ORDER OF I	DECREASING DO	MINANCE
LAYER	HT CVR		ATER THAN; >GRE		
1 CANOPY	2 1	FRAX SP			
2 SUB-CANOPY					
3 UNDERSTORE	Y 4 2		> SAMBUCI		
4 GRD. LAYER	1=>25m 2=10		7 ASCSYRI Om 4=1 <ht<2m 5="0&lt;/td"><td></td><td></td></ht<2m>		
OVR CODES:			CVR≤25% 3=25 <cvr< th=""><th></th><th></th></cvr<>		
STANDING SNAGS:		<10	10 – 24	25 – 50	>50
BUNDANCE CODES:		N=NONE R=RARE	O=OCCASIONAL	A=ABUNDANT	N/O=Not observed
STAND MATURITY:	PIONEER	YOUNG	MID-AGE	MATURE	OLD GROWTH
STAND MATURITY: VEGETATION TYPE	. /	Young	11:1	MATURE CODE: SWT 2	
	gray Logu	/	11:1	CODE:	
COMP	gray Jogu	ood swam	o thicket	CODE:	2-9
COMP	gray Jogu	ood swam	o thicket	CODE:	
COMF	gray dogu PLEX Irbance / Notes Conife Shah	ood swam,	ithicket	code: swt 2 code: ach, co	nit tell sp

ABUNDANCE CODES: N=NONE R=RARI		LA	YER		DISTANCE	COLL.	
SPECIES CODE	1	2	3	4	≤5 m	>5 m	COLL
REES:		安徽	AL PER	*			THE STATE
FRAX SALIX							ļ
SALIX				ļ			
·			1	ļ			_
		ļ		ļ	1		
			-	1	-		ļ
			-	<del> </del>			
		<u> </u>	+	ļ		1	-
			-				
			<del> </del>	<del> </del>			
				-	+		-
		<u> </u>	+				
SHRUBS:		West in the	51-35-14-1		100		TESTA W
SAMBUCUS			A-0		1	V	
CORNW		<u> </u>		<u> </u>			<del> </del>
WKNW)			A		1	-	<del>                                     </del>
							<del>                                     </del>
			1				
					<b>†</b>		
ROUND:				256			
ASCSYRI			T	0		_	
PHAARUN				A			
ASCSYRI PHHARUN Centauseasp VITRIPA SOLIDAGO PHLPRAT DIPFULL				A-0			
VITRIPA				R	V		
SOLIDAGO				0	V	1	
PHLPRAT				0		V	
DIPFULL				R-0		V	
				ļ			
			<u> </u>	<u> </u>			
			<u> </u>	<u> </u>	<u> </u>		<u> </u>

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

Signature:

(Project Manager)

Signature:

CONTINUED											Wildl	Roadside ELC, Woodland & ife Habitat Assessment Forn
ELC Polygon: #30-	S As	sessi	ment Type:	<b>⅓</b> -\	/isual; no	acces	ss / 🗆-	Walk throu	gh feature			
Extent of Physical In	– vestiga	tion (	of Feature:	<b>-</b> E	Entire / 🗆	I-Partia	ıl, wall	through p	olygon <i>(ind</i>	licate on map)		
Reptile / Bat Hiber				□-\ [i.e. brid Cor □-\ [i.e.	/* / 12-N / features the general abutmentains por /* / 12-N / karst topo	/ □-Un nat woul nats or or tential / □-Un graphy,	knowr Id provi ulverts bat hik knowr	ide a route ur with cracks/c pernacula fo	s (*if yes, conderground, interpretation of the control of the con	lescribe in table neluding buried of the control of	concrete vices or	or rock (e.g. foundations, inactive animal burrows)]
POTENTIAL HIBER	NACU	LA FI							I			
UTM				Fea	ture Desc	ription	<u> </u>		Photo No.	Spp. C	bserve	d Using Feature
					***************************************				I I			
Bat Roosting Feat				/ C	I-Unknov ith open	vn, no s surrou	acces	s (*if yes, d	escribe in t	able below) acing cavities ~	10m hi	gh in tree]
POTENTIAL BAT R	T											
UTM	Tre	e ID	Tree Spp	o.	DBH	Photo	No.	Decay Cla	ass (1-5)	No. of Cavities	Heigh	t and Type of Cavities
	i		I.									
Stick Nests:				Co	ntaìns l∕ar Y* / ☑-N	rge stic / □-Ur	k nest know	s? n, no acces	ss (*if yes, o	describe in tab	le belov	v)
STICK NEST(S) IDE	NTIFI	ED										
UTM			Tree ID		Tree	Spp.		Nest Size	Photo No	. Spp. (	Observe	d Using Feature
Seeps/Springs/Ve	rnal F	ools	:	Co	ntains se Y* / □-N	eps/sp	rings/	vernal pools	s? ss (*if ves. o	describe in tab	le belov	ν)
SEEP/SPRING/VE	RNAL	POO										
UTM		Feat	ure No. & Ty	pe	Feature (Diam		Wa	ter Depth	Photo No.	Sub/Emerge Spp. Pres		Shrubs/ Logs at Edge Present?
SPECIES & HABITA	TORS	FRV	ATIONS (list	ten	ecies and	tyne of	ohser	vation & in	dicate on m	an)		
	T O DO	Litti	TIONS (III	- 3p	beles and	type or	Obsci	vacion & In	dicate on m	ару		
												į

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 0 1 – 70 So Guelph, C Canada I Tel: (519) Fax: (519)	uthgate D IN N1G 4P5 836-6050 ) 836-249	Poly 6	Woodla	toadside ELC nd & Wildlife sessment Fo	Habitat				
Project Number	16099	5026	9	Project Name	NRWC,					
Date	Jun	227	2012	Field Personnel	N. Charton	<u> </u>				
Weather Conditions:	TEM	P (°C):	WIND:	CLOUD:	PPT:	PPT (in last 24 hrs				
				POLYGON DES	CRIPTION					
				TOPOGRAPHIC F	TOPOGRAPHIC FEATURE HISTORY					
ELC  COMMUNITY DESCRIPTION & CLASSIFICATION	POLYGO START T END TIM	IME:	30-6 1:50 2:00	☐ LACUSTRINE ☐ RIVERINE ☐ BOTTOMLAND ☐ TERRACE ☐ VALLEY SLOPE ☐ TABLELAND  MAROLL, UPLAND	☐ TALUS ☐ CREVICE / CAVE ☐ ALVAR ☐ ROCKLAND ☐ BEACH / BAR ☐ SAND DUNE ☐ BLUFF	□ NATURAL				
STAND DESCRI	PTION:			CLIFF		J				
LAYER	H1	CVF	2 1	CIES IN ORDER OF DELETER THAN; >GRE						
1 CANOPY	2	- 4	PINUS							
2 SUB-CANOP										
3 UNDERSTOR										
4 GRD. LAYE			117.05							
CVR CODES:	0=NC			≤10m 4=1 <ht≤2m 5="0&lt;br"><cvr≤25% 3="25&lt;CVR&lt;/td"><td></td><td></td></cvr≤25%></ht≤2m>						
STANDING SNAGS			M <10	10-24	№ 25 – 50	>50				
ABUNDANCE CODES	:		N=NONE R=RA	RE 0=OCCASIONAL	A=ABUNDANT N/	O=Not observed				
STAND MATURITY	PIONE	ER	YOUNG	MID-AGE	MATURE	OLD GROWTI				
VEGETATION TYP	E: P	inc	culturalp	lantation	CODE: CUPS	3				
CON	<b>IPLEX</b>				CODE:					
Evidence of Dist	can '	/ Note: + de	termine	species	from voal					
	heig	ht	~ 10-	species 15m						

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 1 2 3 4 ≤5 m TREES: D SHRUBS: GROUND: Quality Control: This form is complete (a) legible (c).

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

Signature:

atto heave

(Project Manager)

Signature:

(Field Personnel)

									vviidii	re Habitat Assessment Form
ELC Polygon: #30	6 Ass	essment Type:	visual; no	o access	s / 🔾-	Walk throu	gh feature			
Extent of Physical Inv	- estigati	ion of Feature:	□-Entire / □	<b>J</b> -Partial	l, wall	k through p	olygon <i>(inc</i>	dicate on map)		
Reptile / Bat Hiber		[i.e. features to bridge abutmo Contains/po	/ □-Unk hat would outs or ou otential b / □-Unk	knowr d prov dverts bat hit knowr	n, no acces ide a route ur with cracks/c pernacula fo n, no acces	is (*if yes, oderground, entry points, eatures? is (*if yes,	describe in table including buried o	concrete vices or i	or rock (e.g. foundations, nactive animal burrows)]	
POTENTIAL HIBER	NACUL				accurre	med mme.	tettves			
UTM				Feature Description				. Spp. C	bserve	l Using Feature
					······	······				
							<u> </u>			
Bat Roosting Feat  POTENTIAL BAT RO		□-Y* / □-N [i.e. tall tree	es with open	wn, no a surrour	acces	s (*if yes, d		table below) acing cavities ~	10m hiç	gh in tree]
UTM	Tree		<del></del>	Photo	No.	Decay Cla	ass (1-5)	No. of Cavities Hei		t and Type of Cavities
			***************************************							
Stick Nests:			Contains la □-Y* / □-N	rge ≴tick / <b>⊠</b> -Un	k nest know	ts? n, no acces	ss (*if yes,	describe in tabl	e belov	()
STICK NEST(S) IDE	NTIFIE					1				
UTM		Tree ID	Tree	e Spp.		Nest Size	Photo No	o. Spp. C	Observe	d Using Feature
Seeps/Springs/Ve	rnal Po	ools:	Contains se	eps/spr	rings/ know	vernal pool	s? ss (*if ves	describe in tabl	e below	/)
SEEP/SPRING/VEI	RNAL P	OOL FEATURE				.,,	, o (	400000 (40).	0 00.01.	,
UTM		Feature No. & T	ype Featur (Diam		Wa	ter Depth	Photo No	Sub/Emerger Spp. Prese	nt Veg. ent?	Shrubs/ Logs at Edge Present?
		***************************************								
						***************************************				
CDECUES O MADE							I			
SPECIES & HABITA	T OBSE	ERVATIONS (list	t species and	type of	obser	vation & in	dicate on n	1ap)		
										÷ -

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:		gate Driv G 4P5 6-6050	9	· IIOS		TTOOUIG		C Habitat
Weather Conditions:	TEMP (	°C):	2"	/IND:		CLOUD:	PPT:	PPT (in last 24 hrs
					POL	YGON DES	CRIPTION	
					TOP	OGRAPHIC/F	EATURE	HISTORY
COMMUNITY	POLYGON START TIN END TIME:	50 IE: Z	) - ; 200 :[0	7	O RIV	CUSTRINE VERINE OTTOMLAND RRACE LLEY SLOPE BLELAND OLL. UPLAND	☐ TALUS ☐ CREVICE / CAVE ☐ ALVAR ☐ ROCKLAND ☐ BEACH / BAR ☐ SAND DUNE ☐ BLUFF	E MATURAL  **CULTURAL
STAND DESCRIP	TION:							
LAYER	нт	CVR	(>>ML				DECREASING DOM EATER THAN; = A	
1 CANOPY	3	2	Fra	Kinus	17 A	LEPREE		
2 SUB-CANOP	Υ							
3 UNDERSTORE	Y W	3	Cor	nus (g	ray	dogwood	> SAMRUC	us sp
4 GRD. LAYER		4					HAARUN	
HT CODES: CVR CODES:	1=>25m 0=NON						.5 <ht≤1m 6="0.2&lt;HT&lt;br">560% 4=CVR&gt;60% 1</ht≤1m>	
STANDING SNAGS	:		N	<10	N	10 – 24	<b>№</b> 25 – 50	<b>₩</b> >50
ABUNDANCE CODES:		P	N=NONE	R=RARE	- O=	OCCASIONAL	A=ABUNDANT I	N/O=Not observed
STAND MATURITY:	PIONEE	R	You	NG		MID-AGE	MATURE	OLD GROWT
VEGETATION TYPE	my do	gwbsz	1 cul	turil	Hije	chet	CODE: CUT	-1-4=
COM	PLEX						CODE:	
Evidence of Distr	urbance /	Notes:	:		1	. 1		An dia

can't see much as it is on downslope behind soy 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=	LUCASI	LA	YER	DISTANC	COLL.		
SPECIES CODE	1	2	3	4	≤5 m	>5 m	COLL
TREES:	<b>,</b> 高速等						1737
FRAXSP	A						
FRAX SP ALEFREE	0						
SHRUBS:							#Yibo
CORNUS			A		1	-	
CORNUS SAMBUCUS			6				
GROUND:	2 2 2 3			0			
DIPFULL GRASSES PHAARUN				A	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	7	
			<u> </u>		<u></u>		

Signature: Signature: Signature:	is form is completed (Project
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								vviidiire Habitat Assessm	ent Form
ELC Polygon: #30-	2 Asse	essment Type:	M-Visual: n	o access / [	□-\//alk throu	ich feature			
Extent of Physical In	vestigatio	on of Feature:	U-Entire / L	J-Partial, wa	alk through p	olygon (inc	licate on map)		
Reptile / Bat Hibe	rnacula				ile hibernacu		? describe in table	lo halow)	
		_ = = -	[i.e. features th	hat would pre	ovide a route ui	nderground,	including buried o	concrete or rock (e.g. found	
		!	Contains Ac	ents or outver	ts with cracks/c hibernacula f	entry points,	exposed rock cres	vices or inactive animal bu	rows)]
			□-Y* / Ø-N	/ Q-Unknow	wn, no acces	ss (*if yes, o	describe in table	e below)	
DOTESTE AL TIMES	AND A CELE		[i.e. karst topo	ography, abar	ndoned mines o	or caves [		,	
POTENTIAL HIBER UTM	INACULA		Feature Desc			Photo No.	Snn C	Observed Using Feature	
OIN			reacure Desc	Tipuon	· · · · · · · · · · · · · · · · · · ·	FIIOLO ING.	. Shh. o	observed Using Feature	
			***************************************						
Bat Roosting Fea	tures.	Contains/or	otential bat r	roosting fea	itures?	<b></b>			
Dat Hooding i da	luivą.	□-Y* / ☑-N	I / 🗀-Unknov	wn, no acce	ess (*if yes, d	lescribe in	table below)		
POPPARTA PARTA	~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~				igs, DBH >25	icm, side-fa	acing cavities ~	10m high in tree]	
POTENTIAL BAT R UTM	OOSTING Tree I			ED Photo No.	. Decay Cl	222 (1.5)	No of Conition	Height and Tune of C.	
UIM	1100 1	D Hee Spi	J. DOI:	FIIOLU INU.	. Decay Ci	ass (1-5)	No. of Cavities	Height and Type of Ca	avities
							10-10-10-10-10-10-10-10-10-10-10-10-10-1		
				-					
Stick Nests:			Contains (a	rae etick ne	ete2				
JULN HESIS.			□-Y* / ☑-N	/ D-Unkno	ists r iwn, no acces	ss (*if yes,	describe in tabl	le below)	
STICK NEST(S) IDE	NTIFIED								
UTM	$\longrightarrow$	Tree ID	Tree	e Spp.	Nest Size	Photo No	). Spp. (	Observed Using Feature	
			1						
		***************************************		M				**************************************	
Seeps/Springs/Ve	rnal Po	ols:	Contains se	eps/spring	s/vernal pool	s?	describe in tabl	la halaud	
SEEP/SPRING/VE	RNAL PO				WII, IIU acces	SS ( II yes, i	describe in tabl	e belowj	
UTM		Feature No. & Ty	Featur	e Size	Voter Denth	Dhoto No	Sub/Emerger	nt Veg.   Shrubs/ Logs a	t Edge
OTH	*	eature no. oc 1	ype (Diam	leter)	Vater Depth	Photo No.	Spp. Prese		
					***************************************				
								1	
SPECIES & HABITA	T OBSE	RVATIONS (list	t species and	type of obse	ervation & in	dicate on m	ıap)		

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

Map 30

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

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

Stantet								
Project Number:	60950269		Project Name: N RWL					
Date: _	June 27		Field Personnel:	N. Charle	<u>~</u>			
ther Conditions:	TEMP (°C):	WIND: 7 7	CLOUD:	PPT:	PPT (in last 24 hrs):			

#### POLYGON DESCRIPTION

		TOPOGRAPHIC F	HISTORY	
ELC	POLYGON: 31-1	RIVERINE	☐ TALUS ☐ CREVICE / CAVE	□ NATURAL
COMMUNITY	START TIME: 2:30	☐ TERRACE ☐ VALLEY SLOPE	□ ALVAR □ ROCKLAND □ BEACH / BAR	□ CULTURAL
DESCRIPTION & CLASSIFICATION	END TIME:	J	☐ SAND DUNE ☐ BLUFF	

#### STAND DESCRIPTION:

	LAYER	нт	CVR			ECREASING DOMIN ATER THAN; = ABO			
1	CANOPY								
2	SUB-CANOPY	3	2	FRAPENA	> CORNUS				
3	UNDERSTOREY								
4	GRD. LAYER	5-7	4	PHAARUN>	SOUDA60>1	ASCSYRI > DI	PFULL		
HT CODES:       1=>25m       2=10 <ht≤25m< th="">       3=2<ht≤10m< th="">       4=1<ht≤2m< th="">       5=0.5<ht≤1m< th="">       6=0.2<ht≤0.5m< th="">       7=HT&lt;0.2m         CVR CODES:       0=NONE       1=0%<cvr≤10%< td="">       2=10<cvr≤25%< td="">       3=25<cvr≤60%< td="">       4=CVR&gt;60%       N/O=not observed</cvr≤60%<></cvr≤25%<></cvr≤10%<></ht≤0.5m<></ht≤1m<></ht≤2m<></ht≤10m<></ht≤25m<>									
STA	ANDING SNAGS:			<10	10 – 24	25 – 50	>50		
ABU	INDANCE CODES:		N	=NONE R=RARE	O=OCCASIONAL	A=ABUNDANT N/C	=Not observed		
STA	ND MATURITY:	PIONEER		YOUNG	MID-AGE	MATURE	OLD GROWTH		
VEGETATION TYPE: st old field meadow CODE: CHM 1-1									
	COMPLE			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

ABUNDANCE CODES: N=NONE R=RARE C			YER		DISTANCE FROM RD.		
SPECIES CODE	1	2	3	4	≤5 m	>5 m	COLL
TREES:	村 法统						
FRAPENN					V	V	
SHRUBS:	4 300	o lina e	W. H.	事業の	# / B	Mar College	2 high
Gray dogwood					V	V	
GROUND:	12 12 14			The state of		18 7	
PHAARUN				A		V	
ASCSYRI				A-0			
DIPFULL				0		/	
Galium				R-0		V/	
VICCRAC				R		V	
564DA60				A-6	~	V	
GRASS				0	17.		
GROUND: PHAARUN ASCSYRI DIPFULL GALIUM VICCRAL SOLIDAGO GRASS TYPHA				O R		V	
				L			

Quality Control This form is complete 1/2 legible

ELC Polygon: #3[-	Asse	essment Type: 🕻	<b>a</b> -Visual; r	no access /	⊒-Walk throu	igh feature					
Extent of Physical Inv	estigati	on of Feature:	2-Entire / I	⊒-Partial, w	alk through p	olygon <i>(inc</i>	licate on map)				
Reptile / Bat Hiber	nacula	[i b C	Contains potential reptile hibernacula features?  —Y* / ZI-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* / ZI-N / —Unknown, no access (*if yes, describe in table below)  [i.e. karst topography, abandoned mines or caves]								
POTENTIAL HIBERY	NACULA	A FEATURE(S) I	DENTIFI	ED							
UTM		F	eature Des	scription		Photo No.	Spp. O	Spp. Observed Using Feature			
Bat Roosting Feat		[i.e. tall trees	✓ □-Unkno with oper	wn, no acce n surroundir	ess (*if yes, d	l <b>escribe in</b> s icm, side-fa	table below) acing cavities ~	10m híg	gh in tree]		
UTM	Tree I		······		. Decay Cl	ass (1-5)	No. of Cavities	Height	t and Type of Cavities		
Stick Nests:			Contains k ⊒-Y* / ⊠-N	árge stick ne N / □-Unkno	ests? wn, no acces	ss (*if yes,	describe in tabl	e below	()		
STICK NEST(S) IDEN UTM	TIFIED	Tree ID	Tra	ee Spp.	Nest Size	Photo No	Snn (	Spp. Observed Using Feature			
OTM		Tite ID		е эрр.	Nest Size	I noto ivo	. орр. с	ousei ve	u Using Feature		
Seeps/Springs/Ver	nal Po	ols:	Contains s □-Y* / □-N	eeps/spring	s/vernal pool	s? ss (*if yes,	describe in tabl	e below	·/)		
SEEP / SPRING / VER	NAL PO										
UTM	F	Feature No. & Typ	16	re Size neter)	Vater Depth	Photo No.	Sub/Emerger Spp. Prese	_	Shrubs/ Logs at Edge Present?		
SPECIES & HABITAT	r obsei	RVATIONS (list:	species and	d type of obs	ervation & in	dicate on m	ap)				
			<b>P</b>								
									117 ₀		

Stantec	Stantec C 1 70 Sou Guelph, Ol Canada N Tel: (519) Fax: (519)	ithgate Dr N 1G 4P5 836-6050	" Poly 2	Woodla	Roadside EL nd & Wildlife sessment Fo	<b>Habitat</b>					
Project Number	1604	8026	,9	Project Name	NRWC						
Date	June	77	~ [	Field Personnel		m					
	Jus			_	71 C/42 1//	n F					
Weather Conditions:	TEMP	_	WIND:	CLOUD:	PPT:	PPT (in last 24 hrs)					
reather collabolis.	23	<u></u>	2-3	90							
POLYGON DESCRIPTION											
				TOPOGRAPHIC FEATURE HISTORY							
ELC	POLYGO	SAE.	-Z :45	☐ LACUSTRINE ☐ RIVERINE ☐ BOTTOMLAND ☐ TERRACE ☐ VALLEY SLOPE	☐ TALUS ☐ CREVICE / CAVE ☐ ALVAR ☐ ROCKLAND ☐ BEACH / BAR	NATURAL					
DESCRIPTION & CLASSIFICATION	END TIME	Ξ:		TABLELAND ROLL, UPLAND	SAND DUNE BLUFF						
医多洲 医侧侧 医骨侧的				CLIFF							
STAND DESCRIPTION:											
LAYER	нт	CVR			DECREASING DON EATER THAN; = AB						
1 CANOPY	2-3			1>7SALIX							
2 SUB-CANOP	Y 3			= QUEMACI	2						
3 UNDERSTOR				<del></del>							
4 GRD. LAYE	2 5-7	4	PHAARUN	> SOLIDAGO:	>T \$PANGU >	CYPERALEAE					
HT CODES:	1=>25				).5 <ht≤1m <b="">6=0.2<ht≤< td=""><td></td></ht≤<></ht≤1m>						
CVR CODES:	0=NO	NE 1=09	% <cvr≤10% <b="">2=10&lt;</cvr≤10%>	CVR≤25% 3=25 <cvr< td=""><td>≤60% 4=CVR&gt;60% N</td><td>I/O=not observed</td></cvr<>	≤60% 4=CVR>60% N	I/O=not observed					
STANDING SNAGS			<10	10 – 24	25 – 50	>50					
ABUNDANCE CODES	:		N=NONE R=RARI	E O=OCCASIONAL	A=ABUNDANT N	I/O=Not observed					
STAND MATURITY	: PIONE	ER	YOUNG	MID-AGE	MATURE	OLD GROWTH					
VEGETATION TYPI	Eigh c	uHur	ul savann	ah	CODE: CUSI-	4*					
CON	<b>IPLEX</b>				CODE:						
Evidence of Dist	uebanaa	/ Notos			-1						
- height ~ 15m											
- very moist community, with typha surrounding "OF"											
- ma	astly (	um	with work		imanly at	edges					
		at	about ?	sol ( nier	- 1	*					

- pic 13

SPECIES CODE  SPECIES CODE			/ER		DISTANCE		
SPECIES CODE	1	2	3	4	≤5 m	>5 m	COLL
TREES:		1	et no				77
FRAPENN SALIX QUEMACR	A	A			レ		
SALIX	R				_	/	
QUEMACIR	T	R-C					
100	1						1
	1						t
	1	1					
	1						
	1	1					
	1	<b></b>			<b>†</b>	1	<del>                                     </del>
	1-	1		9			<del>                                     </del>
	1	<b> </b>		1			
	1	-		+			
SHRUBS:	1.00	01.870.08	1000	L Fire on C	S-12 V	Carrier .	10000
OF THE COLUMN TO SEE THE COLUM		1.71	0.11/1,2-71-1	al production	1110101111	100 11 1000	-
	<del>                                     </del>				-		-
	1-	+		+			-
	<del>                                     </del>	<del>                                     </del>		1	200000000000000000000000000000000000000		1
100-00-0	1	+		+			-
	-	1		+	-		-
	-	<del> </del>		+	<del>                                     </del>		-
		+,		+	<b>-</b>		<del>                                     </del>
	-	-	-				-
	-	-					
	₩	-	_	+	<b></b>		
	-						₽
	TENERAL		12517500	# TRY 1425	11-227	The second	-
GROUND:		15.50	THE ST	1		30 (188)	
PHAARUN		-		14			┡
SOLIDAGO VITRIPA TYPHA ANGUS CYPERALE ASESYRI	-	-		A			_
VITRIPH	<u> </u>	-		15			
TYPHA MNGUS	-			0		/_	
CYPERAGE	-	-		R-0	-		
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LAYERS: 1=CANOPY >10m 2=SUB-CANOPY 3=UNDERSTOREY 4=GROUND (GRD.) LAYER

Signature:

ELC Polygon: #	As	sessi	ment Type:	<b>19</b> -V	isual; no	acces	s / 🗀	-Walk throu	gh featu	re			
Extent of Physical Ir	 nvestiga	tion c	of Feature:	<b>D</b> -E	intire / 🗆	I-Partia	l, wal	k through p	olygon <i>(i</i>	ndio	cate on map)		
Reptile / Bat Hibe	rnacul	a Fe		□-Y [i.e. bridg Con □-Y	* / \sqrt{2}-\text{N} / features the sea abutme tains point tains point tains of the sea abutme tains	/ □-Un nat woul nts or cu tential l	knowi d prov ilverts bat hil knowi	ide a route un with cracks/o bernacula fo	s (*if yes iderground entry point eatures? is (*if yes	s, de d, in ls, er		onerete ( ices or i	or rock (e.g. foundations, nactive animal burrows)]
POTENTIAL HIBER	RNACUI	LA FI		_								· · · · · · · · · · · · · · · · · · ·	
UTM				Feat	ure Desc	ription			Photo N	lo.	Spp. O	bserved	Using Feature
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Bat Roosting Fea			<del></del>	s wi	-Unknow th open	vn, no a surroul	acces	s (*if yes, d	<i>escribe i</i> icm, side	n ta -fac	<i>ble below)</i> sing cavitíes ∼′	10 <b>m</b> hiç	gh in tree]
POTENTIAL BAT R								I		7			
UTM	Tree	ID	Tree Sp	).	DBH	Photo	No.	Decay Cla	ass (1-5)	N	o. of Cavities	Heigh	t and Type of Cavities
Stick Nests:	NTELETIC	n		Cor	ntains/lar /* / ☑-N	ge stic / □-Un	k nesi know	ts? n, no acces	ss (*if yes	s, de	escribe in table	e below	()
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Seeps/Springs/Ve	ernai Po	0015	•		rtains se <mark>′* / □-N</mark>	eps/sp / <mark>⊠</mark> -Un	rings/ know	vernal pools n, no acces	s : ss (*if yes	s, de	escribe in table	e below	)
SEEP / SPRING / VE	RNAL I	2001	FEATURE	(S) l	DENTI	FIED					ir.		
UTM		Featı	ire No. & Ty	/pe	Feature (Diame		Wa	ter Depth	Photo N	o.	Sub/Emergen Spp. Prese		Shrubs/ Logs at Edge Present?
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SPECIES & HABITA	AT OBSI	ERVA	ATIONS (list	spe	cies and	type of	obser	vation & in	dicate on	ma	p)		
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CA=carcass: DP=distinctive parts: FE=feeding evidence: FY=eggs/nest: HO=house/den; OB=observed: SC=scat; SI=other sign; TK=track: VO=vocalization

Stantec	Stantec Con 1 70 South Guelph, ON Canada N10 Tel: (519) 83 Fax: (519) 83	94P5 6-6050 6-2493	Poly 3		Woodlai Ass	oadside EL nd & Wildlif sessment F	e Habitat
Project Number:	10-10	20	9		Project Name:		
Date:	June	27			Field Personnel:	N. Charlt	m -
'eather Conditions:	TEMP (°	C):	WIND: 2-3		CLOUD:	PPT:	PPT (in last 24 hrs):
				PC	DLYGON DES	CRIPTION	
				TO	POGRAPHIC F	EATURE	HISTORY
ELC COMMUNITY DESCRIPTION &	POLYGON: START TIM END TIME:	31	-3 05		LACUSTRINE RIVERINE BOTTOMLAND TERRACE VALLEY SLOPE TABLELAND ROLL. UPLAND CLIFF	☐ TALUS ☐ CREVICE / CAVE ☐ ALVAR ☐ ROCKLAND ☐ BEACH / BAR ☐ SAND DUNE ☐ BLUFF	CULTURAL
TAND DESCRIP	PTION:						
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CANOPY							
SUB-CANOP	Υ						
UNDERSTOR			0				
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VR CODES:						60% 4=CVR>60%	
TANDING SNAGS	<del>.</del>		<10	П	10 – 24	25 – 50	>50
BUNDANCE CODES:		N	I=NONE R=RA	ARE	O=OCCASIONAL	<b>A</b> =ABUNDANT	N/O=Not observed
TAND MATURITY	PIONEER	?	YOUNG		MID-AGE	MATURE	OLD GROWTH
EGETATION TYP	E PAST	UR	E/HAY	'		CODE: N/A	- A9
CON	IPLEX					CODE:	
vidence of Dist	urbance /	Notes:					
vidence of Disc	urbance r	110163.		- - b	pastu	ire/hay by treed	HR NN, PINSYL
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LAYERS: 1=CANOPY >10m 2=SUB-CANOPY 3=UNDERSTOREY 4=GROUND (GRD.) LAYER

Signature:

(Field Personnel)

Signature:

ELC Polygon: #	Ass	essn	nent Type:	<b>₽</b> -^	/isual; no	acce	ess /	<b>□</b> -/	Walk throu	gh featur	е					
Extent of Physical Inv	estigati	on o	f Feature:	<b>O</b> -E	intire / 🗆	I-Parti	al, w	alk	through p	olygon <i>(ir</i>	ndic	ate on map)				
Reptile / Bat Hiberi	nacula	Fea		□-Y [i.e.: bridg Con □-Y	" / □-N . features the abutmentains po " / □-N .	/ □-Ui hat wou ents or c tential / □-Ui	nkno ald pr culved bat nkno	wn ovid rts v hib wn	de a route un with cracks/coernacula fe	s (*if yes, iderground entry points eatures? s (*if yes,	de, inc	scribe in table duding buried coposed rock crev scribe in table	onerete ices or i	or rock (e.g. nactive ann	. foundat	tions.
POTENTIAL HIBERN	ACUL	A FE					, 400	100	area milies of	reaves						=3
UTM				Feat	ure Desc	riptio	n			Photo N	0.	Spp. O	bserved	Using Fe	nture	
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Bat Roosting Featu	ires:	(	Contains po ⊐-Y* / □-N i.e. tall tree	/ 🗅	-Unknov	vn, no	acce	ess	(*if yes, de	escribe in cm, side-	<i>tal</i> faci	ble below) ing cavities ~1	IOm hig	nh in treel		
POTENTIAL BAT RO					T											
UTM	Tree I	D	Tree Spp	),	DBH	Phot	to No	•	Decay Cla	ass (1-5)	No	o. of Cavities	Height	t and Type	of Cav	ities
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					a entre		***************************************	1						***************************************		
Stick Nests:				Con □-Y	itains lar ′* / ロ-N	ge stie / 🗓-U	ck ne nkno	ests owr	s? n, no acces	s (*if yes,	de	scribe in table	e below	)		
STICK NEST(S) IDEN	TIFIED															
UTM		T	ree ID		Tree	Spp.		-	Nest Size	Photo N	0.	Spp. O	bserve	d Using Fe	ature	
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Seeps/Springs/Ver	nal Po	ols:							ernal pools		de	scribe in table	e below	·)		
SEEP / SPRING / VER	NAL PO	OOL					1							<u> </u>		
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			······································	$\neg$	<del></del>		-	<u> </u>			1	***************************************	***************************************			
	21							T								
SPECIES & HABITAT	OBSEI	RVA'	TIONS (list	spec	cies and	type o	f obs	erv	ation & inc	dicate on a	mar	))				
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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

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Stantec
Project Number

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Canada N1G 4P5 POIQ 7 WOOdland & Wildlife I	Tel: (519) 836-6050	Poly 4	Woodland & Wildlife Hal Assessment Form
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Stailtet					
Project Number:	160950269		Project Name:	NRWC.	
Date:	June 27		Field Personnel:	N.Charto	M
ather Conditions:	TEMP (°C):	wind: 2-3	CLOUD /	PPT:	PPT (in last 24 hrs):

#### **POLYGON DESCRIPTION**

		TOPOGRAPHIC F	EATURE	HISTORY
ELC COMMUNITY	START TIME: 3:05 END TIME: 3:10	☐ RIVERINE ☐ BOTTOMLAND ☐ TERRACE ☐ VALLEY SLOPE ☐ FABLELAND	CREVICE / CAVE	I NATURAL

#### TAND DESCRIPTION:

LAYER	нт	CVR	(>>MU					REASING DON R THAN; = AB		
CANOPY										
! SUB-CANOPY										
UNDERSTOREY		,								
GRD. LAYER	5-7	4	Gras	sses >	Cen	tourea	>	7 ASCSY	21	
T CODES: 1=>25m 2=10 <ht≤25m 0="NONE" 1="0%&lt;CVR≤10%" 2="10&lt;CVR≤25%" 3="25&lt;CVR≤60%" 4="CVR" 5="0.5&lt;HT≤1m" 6="0.2&lt;HT≤0.5m" 7="HT&lt;0" codes:="" vr="">60% N/O=not observ</ht≤25m>										
TANDING SNAGS:				<10		10 – 24		25 – 50		>50
BUNDANCE CODES:		١	=NONE	R=RARE	Q=(	CCASIONAL	A=	ABUNDANT N	I/O=N	ot observed
TAND MATURITY:	PIONEER	3	YOUN	NG	M	IID-AGE		MATURE		OLD GROWTH
EGETATION TYPE:	PAS	TU	RE/	HAY			COI	DE: N/A	_	Ag
COMPLI	COMPLEX CODE:									

ividence of Disturbance / Notes:

pasture/hay

pic 15

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

ABUNDANCE CODES: N=NONE R=RARE O=0			YER		DISTANCE	A CONTRACTOR OF STREET	
SPECIES CODE	1	2	3	4	≤5 m	>5 m	COLL
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Quality Control: This form

Reptile / Bat Hibernacula Features:  Contains potential reptile hibernacula features?  L'Y'   L'N   L'Unknown, no access ("if yes, describe in table below)  file, teatures that would provide a route underground, including buried concrete or neck (e.g., foundations, bridge absurances or culvers with crack-scenty points, exposed rock reviews or inactive animal burrows)]  Contains potential bat hibernacula features?  L'Y'   L'N   L'Unknown, no access ("if yes, describe in table below)  [i.e., teart topography, shundowed mines or cracks]  POTENTIAL HIBERNACULA FEATURE(S) IDENTIFIED  UTM Feature Description Photo No. Spp. Observed Using Feature  Contains potential bat rodsting features?  L'Y'   L'N   L'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. DBM Photo No. Decay Class (1-5) No. of Cavities Height and Type of Cavities  Stick Nests:  Contains special representation of the photo No. Decay Class (1-5) No. of Cavities Height and Type of Cavities  Stick Nests:  Contains special representation of the photo No. Decay Class (1-5) No. of Cavities Height and Type of Cavities  UTM Tree ID Tree Spp. Nest Size Photo No. Spp. Observed Using Feature  Contains seeps/springs/vernal pools?  L'Y'   L'N   L'Unknown, no access ("if yes, describe in table below)  Seeps/Springs/Vernal Pools:  Contains seeps/springs/vernal pools?  L'Y'   L'N   L'Unknown, no access ("if yes, describe in table below)  Seeps/Springs/Vernal Pools:  Contains seeps/springs/vernal pools?  Seeps/Springs/Vernal Pools:  Contains seeps/springs/vernal pools?  Co	ELC Polygon: #  Extent of Physical Inv	_	ssment Type: 🗅				-	licate on map)		
Potential Hibernacula Feature   Photo No.   Spp. Observed Using Feature	Reptile / Bat Hiber	nacula F	[i bi C	I-Y* / □-N i.e. features the idge abuting ontains po I-Y* / □-N	/ □-Unknover the could be cou	vn, no acces vide a route un s with cracks/s ilbernacula f vn, no acces	s (*if yes, conderground, interpretation of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the con	describe in table including buried c exposed rock crev	onerete Aces or i	or rock (e.g. foundations, nactive animal burrows)]
Bat Roosting Features: Contains potential bat roosting features?	POTENTIAL HIBER	NACULA								
P' / - N / - Unknown, no access (*if yes, describe in table below)   [i.e. tall trees with open/surroundings, DBH > 25cm, side-facing cavities ~10m high in tree]    POTENTIAL BAT ROOSTING FEATURE(S) IDENTIFIED   UTM   Tree ID   Tree Spp.   DBM   Photo No.   Decay Class (1-5)   No. of Cavities   Height and Type of Cavities	UTM		F	eature Desc	ription		Photo No.	Spp. O	bserve	d Using Feature
P' / - N / - Unknown, no access (*if yes, describe in table below)   [i.e. tall trees with open/surroundings, DBH > 25cm, side-facing cavities ~10m high in tree]    POTENTIAL BAT ROOSTING FEATURE(S) IDENTIFIED   UTM   Tree ID   Tree Spp.   DBM   Photo No.   Decay Class (1-5)   No. of Cavities   Height and Type of Cavities						·				
P' / - N / - Unknown, no access (*if yes, describe in table below)   [i.e. tall trees with open/surroundings, DBH > 25cm, side-facing cavities ~10m high in tree]    POTENTIAL BAT ROOSTING FEATURE(S) IDENTIFIED   UTM   Tree ID   Tree Spp.   DBM   Photo No.   Decay Class (1-5)   No. of Cavities   Height and Type of Cavities					/	······································				
P' / - N / - Unknown, no access (*if yes, describe in table below)   [i.e. tall trees with open/surroundings, DBH > 25cm, side-facing cavities ~10m high in tree]    POTENTIAL BAT ROOSTING FEATURE(S) IDENTIFIED   UTM   Tree ID   Tree Spp.   DBM   Photo No.   Decay Class (1-5)   No. of Cavities   Height and Type of Cavities					_/			<u> </u>		
Stick Nests:  Contains large stick nests? Y*/N /Unknown, no access (*if yes, describe in table below)  STICK NEST(S) IDENTIFIED  UTM Tree ID / Tree Spp. Nest Size Photo No. Spp. Observed Using Feature  Seeps/Springs/Vernal Pools:  Contains seeps/springs/vernal pools? Y*/N /Unknown, no access (*if yes, describe in table below)  SEEP / SPRING / VERNAL POOL FEATURE(S) IDENTIFIED  UTM Feature No. & Type Feature Size (Diameter)  Water Depth Photo No. Sub/Emergent Veg. Shrubs/ Logs at Edge Present?			□-Y* / □-N / [i.e. tall trees	□-Unknow with open	vn, no acce surroundin	ss (*if yes, d			10m his	gh in tree]
Contains seeps/springs/vernal Pools:   Contains seeps/springs/vernal pools?   Contains seeps/s						Decay Cl	ass (1-5)	No. of Cavities	Heigh	t and Type of Cavities
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Contains seeps/springs/vernal Pools:   Contains seeps/springs/vernal pools?   Contains seeps/s	<u> </u>			+						
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UTM Tree ID / Tree Spp. Nest Size Photo No. Spp. Observed Using Feature    Seeps/Springs/Vernal Pools:   Contains seeps/springs/vernal pools?   Contains seeps/springs/vernal pools.   Contains seeps/springs/vernal pools.   Contains seeps/springs/vernal	Stick Nests:						ss (*if yes, o	describe in tabl	e belov	v)
Seeps/Springs/Vernal Pools:    Contains seeps/springs/vernal pools?		TIFIED	T. ID.	<del>/</del>		N 4 63	T was	2 6	<b></b>	1.17
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(Diameter) Water Depth Photo No. Spp. Present? Present?	SEEP / SPRING / VER	RNAL PO				WII, IIO acces	33 ( 11 y c 3, 1	describe in tabl	e peloi	7)
SPECIES & HABITAT OBSERVATIONS (list species and type of observation & indicate on map)	UTM	Fe	ature No. & Typ	e i	1 1	ater Depth	Photo No.			
SPECIES & HABITAT OBSERVATIONS (list species and type of observation & indicate on map)									***************************************	-
SPECIES & HABITAT OBSERVATIONS (list species and type of observation & indicate on map)				1				***		
SPECIES & HABITAT OBSERVATIONS (list species and type of observation & indicate on map)										
	SPECIES & HABITA	I OBSER	VATIONS (list s	pecies and	type of obse	rvation & in	dicate on m	iap)		
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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	CA-magnature IND-matinati-s-at-	lana parmina di	Combanding and 1	ia EV	Inquist HV miles	maldon (M)	ahaa 1. CC		2,555 1317	manuska XVVIII. saste et



Map 31

09/Active150950259/planning\drawing\mxd\20120423 NHA Fieldmans\1509509 Balease 17 E1 C Callaca Back Decision

## Legend

Proposed T Line Route Proposed Collector 120m Buffer Turbines in Signed Lands

Standard Turbine (105 dBA)

Potential Turbine Locations

Turbines in Unsigned Lands

Standard Turbine (105 dBA)

51 m Turbine Setback

Proposed Collector Cable

Alternate Collector Cable Route

Preliminary Study Area

Signed Property

Signed Property - Outside Study Area

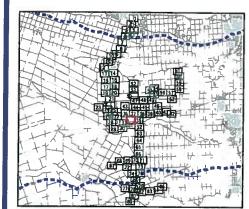
Potential Signed Property Potential Signed Property - Outside Study Area

ELC Boundary

Provincially Significant Wetland

Other/Locally Significant Wetland _____ Property Boundary

MI-ELC done



### **Notes**

- 1. 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

Niagara Region Wind Corporation Amphibian Field Maps

Figure No. 34

**Proposed Collector Route** Map 34

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 - Outside Study Area Potential Signed Property Potential Signed Property - Outside Study Area

## **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. 32

**Proposed Collector Route** Map 32

Map 35

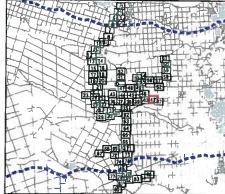
Proposed Collector 120m Buffer

Alternate Collector Cable Route

Signed Property - Outside Study Area

Potential Signed Property - Outside Study Area

Other/Locally Significant Wetland



- 1. 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.

Niagara Region Wind Corporation Amphibian Field Maps

**Proposed Collector Route** Map 41

					•	
Stantec	Stantec Con 1 – 70 South Guelph, ON Canada N10 Tel: (519) 83 Fax: (519) 83	gate Driv 3 4P5 3-6050		-\ Woodlar	oadside ELC nd & Wildlife sessment Fo	Habitat
Project Number:	6	095	0769	Project Name:	NRWC	
Date:	7,	1/1/	2/12	Field Personnel:	14 2	56.
Veather Conditions:	TEMP	C):	WIND:	CLOUD:	PPT: Nore	PPT (in last 24 hrs):
				POLYGON DES	CRIPTION	
				TOPOGRAPHIC F	EATURE 3	HISTORY
ELC	POLYGON: START TIM	32	: 25	☐ LACUSTRINE ☐ RIVERINE ☐ BOTTOMLAND ☐ TERRACE ☐ VALLEY SLOPE	□ TALUS □ CREVICE / CAVE □ ALVAR □ ROCKLAND □ BEACH / BAR	©r¶ATURAL □ CULTURAL
DESCRIPTION & CLASSIFICATION	END TIME:		0:35	E) TABLELAND  ROLL. UPLAND  CLIFF	☐ SAND DUNE ☐ BLUFF	
STAND DESCRIP	TION:					
LAYER	нт	CVR			ECREASING DOMI	
1 CANOPY	2	4	DUERUBR	= FRAPENA	1>ULMAMO	TC=()(KEMHC)
2 SUB-CANOP		3	FRAPIENA		K= QUERUB	R > ACERUBR
3 UNDERSTORE	1	3	onicera=	Gran Days	ood > Sura	
4 GRD. LAYER	1=>25m	2=404	T≤25m 3=2 <ht≤10< td=""><td>&gt; Mc vigum te</td><td>5<hts1m 6="0.2&lt;HTS&lt;/td"><td>25m 7=HT&lt;0.2m</td></hts1m></td></ht≤10<>	> Mc vigum te	5 <hts1m 6="0.2&lt;HTS&lt;/td"><td>25m 7=HT&lt;0.2m</td></hts1m>	25m 7=HT<0.2m
VR CODES:					60% 4=CVR>60% N	
TANDING SNAGS	:		<10	R 10-24	W 25 - 50	/ >50
BUNDANCE CODES:			I=NONE R=RARE	O=OCCASIONAL	A=ABUNDANT N/	O=Not observed
TAND MATURITY:	PIONEER	₹	YOUNG	MID-AGE	MATURE	OLD GROWTH
/EGETATION TYPE	F-M	Dak.	-Maple Dec	forest	CODE: FOD	1-2
COM	IPLEX:		Ash low lan	d Dec	CODE: POD 3	z -2
Evidence of Dist	urbance /	Notes:		10.00		

An Lo

ABUNDANCE CODES: N=NONE R=RARE O=OCCASIONAL A=ABUNDANT D=DOMINANT N/O=Not observed DISTANCE FROM RD. LAYER SPECIES CODE COLL. ≤6 m >5 m 13 2涨 3 TREES: FRAPENN ILMAMER 0 0 A 0 0 SHRUBS: Tonicera Sp 0 0 20 GROUND: TYPANGU R-0 0 0-A 0

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

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

ELC Polygon: $\frac{\#}{3}$	- 4	essment Type:								100
Reptile / Bat Hiber		Features:	Cont □-Y* [i.e. fi bridge	ains po	tential repti / 2-Unknov nat would pro nts or culvert	e hibernacu yn, no acces vide a route u s with eracks/	la features ss (*if yes, nderground entry points	s? describe in tabl , including buried o	concrete	() or rock (e.g. foundation inactive animal burrows
		1	□-Y*	/ U-N	/ 🗹-Unknov	ibernacula f	ss (*if yes,	describe in tabl	e below	)
POTENTIAL HIBER	NACULA				C					
UTM			Featu	ire Desc	ription		Photo No	o. Spp. C	bserve	d Using Feature
		12								
Bat Roosting Feat		[i.e. tall tree	/ 🗹 - s wit	Unknow h open	vn, no acce surrounding	ss (*if yes, d	<i>lescribe in</i> 5cm, side-	table below) facing cavities ~	10m hig	gh in tree]
POTENTIAL BAT RO			1			1 5 0	(4.4)			
UTM	Tree II	D Tree Spp	). 	DBH	Photo No.	Decay Cl	ass (1-5)	No. of Cavities	Heigh	t and Type of Cavitie
						.l				
Stick Nests:			Cont □-Y'	ains lar	ge stick ne	sts? vn, no acces	ss (*if ves.	describe in tabl	e belov	<i>(</i> )
STICK NEST(S) IDE	NTIFIED							80		
UTM		Tree ID		Tree	Spp.	Nest Size	Photo N	o. Spp. (	bserve	d Using Feature
						2 - "				7
****										
Seeps/Springs/Ve			□-Y*	/ <b>U-N</b>	/ 🗹 - Unknov	/vernal pool	s? ss (*if yes,	describe in tabl	e below	() ::
SEEP / SPRING / VEI	RNAL PO	OL FEATURE					,			
UTM	Fe	eature No. & Ty	ре	Feature (Diame		ater Depth	Photo No	Sub/Emerger Spp. Prese		Shrubs/ Logs at Edg Present?
SPECIES & HABITA	T OBSER	VATIONS (list	speci	ies and (	type of obse	rvation & in	dicate on r	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

(		
A	115	
179		

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

TEMP (°C):

Stantec Consulting Ltd. Call . Tike 32;

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

PPT:

PPT (in last 24 hrs):

Stantec	Fax: (519) 636-2493		
Project Number:	160950269	Project Name:	NRWC
Date:	June 27	Field Personnel:	N. Charlton
			· · · · · · · · · · · · · · · · · · ·

**Neather Conditions:** 90% 22 2-3

WIND:

DO	VOON	DESCRIPTION	
PUL	. I GUN	DESCRIPTION	

SPECIES IN ORDER OF DECREASING DOMINANCE

CODE:

CLOUD:

		TOPOGRAPHIC FEATURE	HISTORY
ELC	POLYGON: 32 - 1	☐ RIVERINE ☐ CREVICE / CAVE ☐ BOTTOMLAND ☐ ALVAR	□ NATURAL DPCULTURAL
COMMUNITY	3:(0	☐ TERRACE ☐ ROCKLAND ☐ VALLEY SLOPE ☐ BEACH / BAR ☐ TABLEL AND ☐ SAND DUNE	
DESCRIPTION & CLASSIFICATION	END TIME: 3: ZO	□ TABLELAND □ SAND DUNE  ☑ ROLL. UPLAND □ BLUFF □ CLIFF	

#### **STAND DESCRIPTION:**

	LAYER	нт	CVR		SPECII	ES IN	ORDER OF D	DECRI	EASING DOI	MINAN	ICE
	LATER	пі	CVK	(>>MI	JCH GREA	TER	THAN; >GRE	ATER	THAN; = A	BOUT	EQUAL TO)
1	CANOPY	)	3	FRA	PENN	>> (	LLMAME	ER			
2	SUB-CANOPY	3	3	FRAI	DENNA	ULA	LAMER				
3	UNDERSTOREY	4	3	Corr	ius > F	RA	PENN				
4	GRD. LAYER	57	4	Cen	taure	LSP:	> JUNCU	s sp	>Ascsy	21=	GRASS
-IT	CODES:	1=>25m	2=10 <h< td=""><td>iT≤25m</td><td>3=2<ht≤10< td=""><td>m 4=</td><td>1<ht≤2m 5="0&lt;/td"><td>.5<ht≤< td=""><td>1m 6=0.2<ht< td=""><td>≤0.5m</td><td>7=HT&lt;0.2m</td></ht<></td></ht≤<></td></ht≤2m></td></ht≤10<></td></h<>	iT≤25m	3=2 <ht≤10< td=""><td>m 4=</td><td>1<ht≤2m 5="0&lt;/td"><td>.5<ht≤< td=""><td>1m 6=0.2<ht< td=""><td>≤0.5m</td><td>7=HT&lt;0.2m</td></ht<></td></ht≤<></td></ht≤2m></td></ht≤10<>	m 4=	1 <ht≤2m 5="0&lt;/td"><td>.5<ht≤< td=""><td>1m 6=0.2<ht< td=""><td>≤0.5m</td><td>7=HT&lt;0.2m</td></ht<></td></ht≤<></td></ht≤2m>	.5 <ht≤< td=""><td>1m 6=0.2<ht< td=""><td>≤0.5m</td><td>7=HT&lt;0.2m</td></ht<></td></ht≤<>	1m 6=0.2 <ht< td=""><td>≤0.5m</td><td>7=HT&lt;0.2m</td></ht<>	≤0.5m	7=HT<0.2m
CV	R CODES:	0=NONE	1=0%<	CVR≤10	)% <b>2</b> =10 <c< td=""><td>VR≤25</td><td>% 3=25<cvr≤< td=""><td>60%</td><td>4=CVR&gt;60%</td><td>N/O=nd</td><td>ot observed</td></cvr≤<></td></c<>	VR≤25	% 3=25 <cvr≤< td=""><td>60%</td><td>4=CVR&gt;60%</td><td>N/O=nd</td><td>ot observed</td></cvr≤<>	60%	4=CVR>60%	N/O=nd	ot observed
ST	ANDING SNAGS:	N/0		P	<10	-)	10 – 24	11.	25 – 50	N.	>50
λBI	JNDANCE CODES:	• •	N	=NONE	R=RARE	0=0	OCCASIONAL	A=A	BUNDANT	N/O=N	ot observed
ST.	AND MATURITY:	PIONEER		You	NG	X	/ID-AGE	N	ATURE		OLD GROWTH
VE	GETATION TYPE:	hc	ulti	iral	word	Na	nel	COD	E CUW	1-4	<del>  *</del>

**Evidence of Disturbance / Notes:** 

COMPLEX

swampy (i.e. wet) cuw/HR

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

CALCIES CORE		LA'	YER	THE UK	DISTANC	COLL.	
SPECIES CODE	1	2	3	4	≤5 m	>5 m	COLL
REES:	<b>SPEN</b>						
FRAPENN	A	A	0		V		
FRAPENN DLM AMER	R	0			-V		
SHRUBS:				i Nasa		A SECTION	w, š
Gray dog wood			A				
			-				
GROUND:					4 - 5, 5,		edite.
ASCSYRI HUDITOR			-	R			<u> </u>
GALLILA				R-0			
Juneus and T				A-0			
GRASS				R	~	V	
DIPFULL	-		<u> </u>	0			
Carex So				R			
GROUND: ASCSYRI HYPTERE GALLILLAN TUNCLUS PHLPRAT GRASS DIPFULL CONTOURA (Arex Sp. VICCRACT SOLIDAGU		-		R	レ		
1 A A							

Quality Control This form is complete & legible &

Signature:

ELC Polygon: #32-	<del></del>								
Extent of Physical Inv	estigation o	of Feature: 🗅-E	Entire / □	i-Partial, wal	lk through p	olygon (inc	dicate on map)		
Reptile / Bat Hiber	nacula Fe	□-\ [i.e. brid Cor □-\	Y* / 🖾-N / features the ge abutmentains/por	hat would provents or culverts tential bat hi	n, no acces ride a route un with cracks/dibernacula f n, no acces	is (*if yes, onderground, entry points, eatures? is (*if yes, o	describe in table including buried c	onerete lices or i	or rock (e.g. foundations, nactive animal burrows)]
POTENTIAL HIBER	NACULA FI	EATURE(S) IDE	ENTIFIE	D					
UTM		Fear	ture Desc	ription		Photo No	. Spp. O	bserve	l Using Feature
			***************************************		······				
Bat Roosting Feat			1-Unknov ith open	vn, no acces surrounding	s (*if yes, d		table below) acing cavities ~	10m híg	gh in tree]
POTENTIAL BAT RO	1	1				(4 (4)	** **		
UTM	Tree 1D	Tree Spp.	DBH	Photo No.	Decay Cl	ass (1-5)	No. of Cavities	Heigh	t and Type of Cavities
					***	***************************************			
Stick Nests:	veneren	Cor	ntains lar Y* / ロ-N	rge stick nes / ⊠-Unknow	sts? vn, no acces	ss (*if yes,	describe in tabl	e belov	/)
STICK NEST(S) IDEN		Tree ID	Tree	Spp.	Nest Size	Photo No	Spp. C	)bserve	d Using Feature
			<del></del>					·····	
0			4-2	<b>K</b> i	· · · · · · · · · · · · · · · · · · ·				
Seeps/Springs/Ve	rnai Poois	i: Coi	ntains se Y* / <mark>□-N</mark>	eps/springs/ / 🗹-Unknow	/vernai pooi /n, no acces	s'? ss <i>(*if yes</i> ,	describe in table	e below	<i></i>
SEEP / SPRING / VEI	RNAL POOI	L FEATURE(S)				1			
UTM	Feat	ure No. & Type	Feature (Diam	LV S	ater Depth	Photo No.	Sub/Emergen Spp. Prese		Shrubs/ Logs at Edge Present?
			160,000					······································	
	***************************************								
SPECIES & HABITA	T OBSERVA	ATIONS (list spe	ecies and	type of obser	rvation & in	dicate on n	іар)		
									2 ×
									20
									2 A
									^

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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w		
W		
W	1110	

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

CVR

# Stantec Consulting Ltd. Coll. Tile 32; Roadside ELC,

Woodland & Wildlife Habitat **Assessment Form** 

Statillet					
Project Number:	160950260	1	Project Name:	NRWC	
Date:	June 27		Field Personnel:	N. Charlto	n
Neather Conditions:	TEMP (°C):	WIND: 2 - 2	CLOUD:	PPT:	PPT (in last 24 hrs):

#### **POLYGON DESCRIPTION**

SPECIES IN ORDER OF DECREASING DOMINANCE

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

CODE: CUM 1-1

		TOPOGRAPHIC F	TOPOGRAPHIC FEATURE		
ELC	POLYGON: 32-2	RIVERINE	☐ TALUS ☐ CREVICE / CAVE	NATURAL	
COMMUNITY	START TIME: 3:20	☐ TERRACE ☐ VALLEY SLOPE	□ ALVAR □ ROCKLAND □ BEACH / BAR	CULTURAL	
DESCRIPTION & CLASSIFICATION	END TIME:	- · · · · · · · · · · · · · · · · · · ·	☐ SAND DUNE ☐ BLUFF		

#### **STAND DESCRIPTION:** LAYER

		1/2 MOOIT OILE	TER TIME, FORE	7 I EK I I I I I I , 70'	OUI EQUAL IO)
1 CANOPY					
2 SUB-CANOPY					
3 UNDERSTOREY					
4 GRD. LAYER	5-7 4	PHAARUN :	>> IMPATIEN	15 SP	
IT CODES:		0 <ht≤25m <b="">3=2<ht≤10 0%<cvr≤10% <b="">2=10<c< td=""><td></td><td></td><td></td></c<></cvr≤10%></ht≤10 </ht≤25m>			
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	aveen a	ras mineral	meadow meal	CODE: MAM	2-2

Evidence of Disturbance / Notes:

COMPLEX MC USION

MAM confined to channel, about 7 m wide Cum on either side pic 16

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

Signature:	Willell
	(Field Personnel)

Quality Control: This form is complete Delegible Signature

ELC Polygon: #32-	2 Assess	ment Type: ☑-\	/isual; nc	access / (	⊒-Walk throu	gh feature			
Extent of Physical Inv	estigation	of Feature: Q-E	Entire / 🗆	l-Partial, wa	alk through p	olygon <i>(inc</i>	dicate on map)		
Reptile / Bat Hiber		□-Y [i.e. brid, Cor □-Y [i.e.	/* / ☑-N / Teatures the ge abutmentains pot /* / ☑-N / karst topo	/ □-Unknown at would produce or culver tential bat I □-Unknown graphy, abar	ovide a route un ts with cracks/o hibernacula f	is (*if yes, onderground, entry points, eatures? is (*if yes, o	describe in table including buried c	onerate vices or i	or rock (e.g. foundations, nactive animal burrows)]
POTENTIAL HIBERY	NACULA F					·			
UTM		Fea	ture Desc	ription		Photo No.	. Spp. U	bservec	l Using Feature
			***************************************						
Bat Roosting Feat			I-Unknov vith open	vn, no acce surroundin	ess (*if yes, d		table below) acing cavities ~	10m híg	gh in tree]
POTENTIAL BAT RO UTM	Tree ID	Tree Spp.	DBH	Photo No	. Decay Cl	nes (1-5)	No. of Cavities	Heigh	t and Type of Cavities
		1144 Abb.		A 410-01.5	. 5000, 0.	433 (1 2)	ITO OF CHTESTS	110.6	t and Type of Carrete
	<u> </u>			<u> </u>					
Stick Nests:		Co	ntains lar Y* / ᡚ-N	rge stick ne / □-Unkno	ests? wn, no acces	ss (*if yes,	describe in tabl	e belov	1)
STICK NEST(S) IDEN		Tree ID	Tree Spp. Nest Size			Photo No	Snn (	Thearva	d Using Feature
O R IVE		TICCID	1100	Spp.	14631 DILL	Thoto No. Spp. Observe			u Using Peature
Seeps/Springs/Vei	rnal Pools	<b>S</b> : Co	ntains se Y* / □-N	eps/spring	s/vernal pool	s?	describe in tabl	e helov	A)
SEEP/SPRING/VEI	RNAL POO				WII, 110 0000	33 ( 11 700,	ucconno in tan	6 50.0	9
UTM	Feat	ture No. & Type	Feature (Diam		ater Depth	Photo No.	Sub/Emergent Veg. Spp. Present?		Shrubs/ Logs at Edge Present?
SPECIES & HABITA	T OBSERV	ATIONS (list spo	ecies and	type of obs	ervation & in	dicate on m	nan)		
	7 0 0 0 0 0 1 1 1	1110110 (1101 3)	70105 11110	e, pe 01 003	C1 7 44 10 41 C2 111	dicate on in	iap,		1,4
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									17
									e, 15

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

6	100
	200
	Stanted

Stantec Consulting Ltd. Coll. Tike Stantec Consuming — 1 – 70 Southgate Drive Canada N1G 4P5 Tel: (519) 836-6050

Roadside ELC. **Woodland & Wildlife Habitat Assessment Form** Fax: (519) 836-2493

Stantec					
Project Number:	160950269		Project Name:	NRWC.	
Date:	June 27	•	Field Personnel:	N. Charlton	<b>(</b>
					10 %
2(3)	TEMP (°C):	WIND:	CLOUD:	PPT:	PPT (in last 24 hrs):
Veather Conditions:	22	2-3	90%		

#### **POLYGON DESCRIPTION**

SPECIES IN ORDER OF DECREASING DOMINANCE

		TOPOGRAPHIC F	EAIURE	HISTORY
ELC COMMUNITY	START TIME: 2:20	☐ RIVERINE ☐ BOTTOMLAND ☐ TERRACE ☐ VALLEY SLOPE	☐ CREVICE / CAVE ☐ ALVAR ☐ ROCKLAND ☑ BEACH / BAR	□ NATURAL □ CULTURAL
DESCRIPTION & CLASSIFICATION	END TIME:	- 11 (Ounce 200	☐ SAND DUNE /	

#### STAND DESCRIPTION: LAVED

	LATER	"'	CVR	(>>MUCH	GREATE	R THAN; >GRE	ATER-THAN; A	BOUT EQUAL TO)
1	CANOPY							
2	SUB-CANOPY							
3	UNDERSTOREY	-						
4	GRD. LAYER							
	CODES: R CODES:						5 <ht≤1m <b="">6=0,2<ht 60% <b>4=</b>CVR&gt;60%</ht </ht≤1m>	r≤0.5m 7=HT<0.2m N/O=not observed
3T/	ANDING SNAGS:	N/C	)	<10		10 – 24	25 – 50	>50
IBI	INDANCE CODES:	* 4	N	I=NONE R	=RARE	O=OCCASIONAL	A=ABUNDANT	N/O=Not observed
\$T/	AND MATURITY:	PIONEER		YOUNG		MID-AGE	MATURE	OLD GROWTH
/E	GETATION TYPE:	pas	tun	e/ha	4		CODE: NA	
П	COMPL	EX			,		CODE:	

**Evidence of Disturbance / Notes:** 

Same grass+clover mix with patches
of a mustard species (carola)
Hay/posture

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

ABBINDANCE CODES. N-NONE K-KAKE C-		LA	YER		DISTANCE	2001-2005-2006	
SPECIES CODE		2	3	4	≤5 m	>5 m	COLL.
TREES:	的第三人	1	11372	\$ 92.5		gosta misso.	
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SHRUBS:	5/43204	1 2480.19	130155	1867,160	Personal su	DE CARRE	197
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GROUND: 31	17,551,70		建筑以	卷账点		TEXT 共业	2.6
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				1	<b>1</b>		
/ 1 - 1		L	I	1		1	

Quality Control: This form is complete Delegible Signature:

											Wildli	ife Habitat Assessment Form
ELC Polygon: #32-	3 As	sessi	nent Type	e: 🗹-\	√isual; n	o acces	ss/🗖	-Walk throu	gh feature			
Extent of Physical In	vestiga	tion c	of Feature	: <b>□</b> -E	Entire / 🗆	<b>)</b> -Partia	al, wal	k through p	olygon <i>(in</i>	dicate on map)		
Reptile / Bat Hibe	rnacul	a Fe	atures:	□-\ li.e. brid Cor □-\	Y* / □-N features t lge abutmo ntains po Y* / □-N	/ □-Ur hat wou ents or c stential / □-Ur	iknow Id provulverts bat his iknow	ide a route un with cracks/o bernacula f	is (*if yes, oderground, entry points, eatures? is (*if yes,	describe in table including buried of the following bu	concrete vices or i	or rock (e.g. foundations, inactive animal burrows)]
POTENTIAL HIBER	NACUI	LA FI	EATURE(				/					
UTM				Fea	ture Des	cription	1/		Photo No	. Spp. C	)bserve	d Using Feature
			<del></del>		***************************************	/	<u> </u>			1		
			***************************************								***************************************	
						/_						
Bat Roosting Fea			[i.e. tall tr	I-N / C	1-Unknow vith open	<b>vn</b> , no surrou	acces	s (*if yes, d	<i>lescribe in</i> icm, side-f	table below) acing cavities ~	·10m hí	gh in tree]
POTENTIAL BAT R				<u>, ,                                   </u>			B.7	, , , , , , , , , , , , , , , , , , ,	(1.45)		T	
UTM	Tree	: ID	Tree S	spp.	DBH'	Phot	o No.	Decay Cl	ass (1-5)	No. of Cavities	Heigh	t and Type of Cavities
			***************************************	***************************************	+-/-						-	
					+/-		·····			11 1.1111111111111111111111111111111111		/
					1	1.		1				
Stick Nests:				Co	ntains la	rge stic	k nes	ts?	na /*if uaa	dagariba in tab	la halau	
STICK NEST(S) IDE	NTIFIE	CD.			/ // Ш-19	/ 🗀-01	IKHOW	ni, no acces	ss ( II yes,	describe in tab	ie belov	v)
UTM			Tree ID		Tre	e Spp.		Nest Size	Photo No	Spp.	Observe	d Using Feature
				1 /	1							
				Ţ								
			C1100-11									
Seeps/Springs/Ve	ernal P	ools	:	Co	ntains se Y* / □-N	eps/sp	rings/	vernal pool	s? ss (*if ves	describe in tab	le helov	v)
SEEP/SPRING/VE	RNAL	POOI	L FEATUI					,	, , , ,			<u></u>
UTM		Feat	ure No. &	Туре	Featur (Dian		Wa	nter Depth	Photo No	Sub/Emerge Spp. Pres	nt Veg. ent?	Shrubs/ Logs at Edge Present?
			***************************************			***************************************	ļ					
							<b></b>	······································				
		1			L		<u> </u>		<u> </u>			
SPECIES & HABITA	AT OBS	ERV	ATIONS (	list spe	ecies and	type of	obser	rvation & in	dicate on n	іар)		
												***
												90
												**_

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

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Stante
Project Num

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

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

Juditiec						
Project Number:	160950269		Project Name	NRWC		
Date:	June 27		Field Personnel: N. Charlon			
Neather Conditions:	TEMP (°C):	WIND: 2-3	90°/0	PPT:	PPT (in last 24 hrs)	

#### **POLYGON DESCRIPTION**

		TOPOGRAPHIC F	EATURE	HISTORY
COMMUNITY	POLYGON: 32-4	□ BOTTOMLAND □ ALVAR □ TERRACE □ ROCKLAND	CREVICE / CAVE	MI CULTURAL
	START TIME: 3:30		□ ROCKLAND □ BEACH / BAR	ad cortotyr
	END TIME:			

#### **STAND DESCRIPTION:**

LAYER	нт (	CVR		ES IN ORDER OF D ATER THAN; >GRE			
1 CANOPY							
2 SUB-CANOPY	3	3	Hawthern	> Malus			
3 UNDERSTOREY	4	3		Haw thorn	> LONTAR-	<del>,</del>	
4 GRD. LAYER	5-7	4	(-RASS>	Galiun=	EA-SCSYR		
1T CODES:       1=>25m       2=10 <ht≤25m< td="">       3=2<ht≤10m< td="">       4=1<ht≤2m< td="">       5=0.5<ht≤1m< td="">       6=0.2<ht≤0.5m< td="">       7=HT&lt;0.2m         VR CODES:       0=NONE       1=0%<cvr≤10%< td="">       2=10<cvr≤25%< td="">       3=25<cvr≤60%< td="">       4=CVR&gt;60%       N/O=not observed</cvr≤60%<></cvr≤25%<></cvr≤10%<></ht≤0.5m<></ht≤1m<></ht≤2m<></ht≤10m<></ht≤25m<>							
STANDING SNAGS:			<10	10 – 24	25 – 50	>50	
ABUNDANCE CODES:		N=	NONE R=RARE	O=OCCASIONAL	A=ABUNDANT I	N/O=Not observed	
STAND MATURITY:	PIONEER		YOUNG	MID-AGE	MATURE	OLD GROWTH	
regetation type: Hawthorn cultural thicket CUT 1-8*							
COMPLE	X				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 2 3 ≤5 m >5 m TREES: MEN SHRUBS: GROUND: 0-A CIRSIUM APUENSE

Signature:	11/10/11/10	Quality Control: This form is complete & & legible D.  Signature:   Alah Dava
(Field Personnel)		(Project Manager)