Bat Species/Sex/Frequency: MySE/E//192, 205 Band# 17178 Mepaces Location Diagram: Roost Tree # \ \(\vec{v} \) Roost Tree Diagram:

No.	Date	Bat Freq.	Bat Band	Sex of Bat	Observations
1	27564	12305	17178	T	
2	28544	172.206	17178	F	
3	1				
4					
2					
9					
7					
80		-			
6					
10					
11					
12					
13					
14					

Cavity or Crevice Characteristics	Opening Measu	Width Height Grou			
Cavity		Aspect			
		Nature			
		No.	1	2	3
	Personnel/ Comments				
Focal	Bat exit #	7	8		
	Tagged Bat	8113	71:20		
Time	Bats End	6118	21.20		
T	Bats Start	b016	11:17		
	Sunset	2000	2023		
1	# of Bats	6	8		
	Weather	Close	CIECI		
	Temp	20%	68.5		
	Date	46	82		
		1000			

No.

H₂O Level

Ground

Opening Measurements

Fast to her Comments: When I field beard lot edge to 41.17889, -89.89176 they Genes CHAK

Taste

72115 / Ember

Live-Damaged All Trees Understory Crevice Open Closed Low = < 10% 7-30-15 CIRCLE Datum: NADS 3 Observers: MTM , ELS Canopy Cover at Roost Moderate = 2 10-<25% Intermediate Sub-Canopy QUICK REFERENCE / Tree Ranking Roost Location *** Bark Cover Edge Snags 0 Cavity Date First Found Basal Area *Condition Live Habitat Band# DON P. 17178 High = > 25% Live Trees 0 Canopy Interior Open Snag Bark Quad Fireside Observation Available Roost/ / EMERSON CREEK Zone = Tree Ranking*** UN NO Sun C Bat Species/Sex/Frequency: MYSE / F / 205 (20L) BADBR Ų O Hick HIEL Total (her Hier H.H HIGH % Bark Cover** Heil Light A 10 factor English prism is used to identify trees within the plot, centered on the roost tree. -82.88789 Usable Low H. S.H. HIST Lou 207 35 607 State Of Condition* Project No./Project Name SMAC 2117 21.15 7117 LIVE 4.76 717 LIVE N/N Roost Height ft or m 35 Tree 10, 65 14 55 9 69 12 41.17900 19.50 31, DBH (cm) 230 101 36 6 1 0 Roost Tree # 314 Acer rubius Carya ovala 0100 Lat-Long/UTM: N/E Roost Tree Data Form (2014) 05 Species Quereus Cerria Ulans Uhras UKAUS SenceA Tree Tag County_ 314 N m 4 S 9 10 12 1 11 13 14 15 16 ∞ 6 17 18 19 20 21

Copperhead Environmental Consulting Inc P.O. Box 73, 11641 Richmond Rd. Paint Lick, KY 40461 (859) 925-9012

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N 41. 17860 W 82.88918 -242 N 41, 17904 W 82,58830 to the right, not Northern Copperhead Environmental Consulting Inc. P.O. Box 73, 11641 Richmond Rd. Paint Lick, KY 40461 (859) 925-9012 H2O Level Observations Opening Measurements Height Ground N 41. 178988 Likely Tree location Cavity or Crevice Characteristics Sex of Bat U Bat Days 71178 17178 Bat Band OD TO Width 6,8 205 Aspect tree Bat Freq. 205 8LILI Band# BDNR Left. 8-1-19 OFF Palcel 28-2-15 7.31 7.30 Nature Date First bat No. 10 12 11 13 14 6 No. in 9 1 8 3 7 Personnel/ Comments 98 83 TARS 9.44 - Northern Emerged - No ping on Recleve Bat Species/Sex/Frequency: MySE /F / 205 Bat exit # sopper. Focal 8:47 4:41 9:44p Tagged Bat 0 7.8 Bats End Location Diagram: 9:10 spostibly sen bet 2001 238 Bats Start 8:35pm; Frequency **Emergence Count** 8.40 Sunset # of Bats MC HID Weather Clear Temp 50 Roost Tree Diagram: (SOPPER BHEAD Roost Tree # 314 7/30/15 Comments: No. Date 七多大 THU 2 6

17160 Bat Species/Sex/Frequency: M \ 5£ \ F \ \ +50 Band # 1711.11 Firesido ree Grove campbroms F MC+SON Quad Zone-State 0/4 82,93402 Project No./Project Name 417.0 W/N Wood of Roost Tree Data Form (2014)

8/014

Open

8-1-18 Live-Damaged Understory **↓**QUICK REFERENCE / ↑ CIRCLE Datum: NAD83 Observers: B. Renley Canopy Cover at Roost Moderate = > 10-<25% Sub-Canopy Intermediate Tree Ranking Roost Location ** % Bark Cover Cavity Edge Snags 09 Basal Area *Condition Live Date First Found Habitat High = > 25%Live Trees Interior Canopy Open Snag Bark Observation None Available Bark JOIN Bark None Bark None Roost/ 139-K Bar Tree Ranking*** Total % Bark Cover** + 1 7 I I A 10 factor English prism is used to identify trees within the plot, centered on the roost tree. Usable 5 8 Condition* 'n 5 Roost Height ft or m 20 Tree 3 Cat-Long/UTM: (N) E 41, 18123 35 04 00 S 2 (cm) 5 N 51. Frontimes 34 Jugans Mora Juglers Pigur Fraxious Sy 4 mus rube Frankimes Species Fred X inus FINX MES Frankus Roost Tree # Tree Tag # 396 Location m 5 9 00 10 11 12 13 14 15 16 17 18 19 20 6 21

All Trees

Crevice

Closed



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Low = < 10%

Bat Species/Sex/

Roost Tree # 396

Band# ODINR MILEG

H₂O Level Observations Opening Measurements Ground Cavity or Crevice Characteristics Height Sex of Bat Bat Days 9911 OPHIR Bat Band 71106 Width Aspect Bat Freq. Nature Date 4-1 8 10 11 12 13 6 14 5 00 No. 9 1 10/018)camparend B. Remich Personnel/ Comments 150164 Bat exit # Focal Tagged Bat N.CR 27 77 Bats End Location Diagram: Time Emergence Count Bats Start 2 Day Sunset # of Bats Weather Temp °F Roost Tree Diagram: Date No. 7

Emorald ovidence OF +1005 954 are doal 5N295 Comments:

126



Live-Damaged Understory All Trees 90 Crevice Open Closed <10% Low = CIRCLE Jo Datum: NADS 3 Observers: U. Storm Canopy Cover at Roost Moderate = > 10-<25% Sub-Canopy Intermediate 00 Tree Ranking Roost Location ** Bark Cover Snags Cavity Edge QUICK REFERENCE / Date First Found Basal Area *Condition Live Habitat Band # ODNR 23553 High = > 25% Live Trees Canopy Snag Open Bark Quad Fireside 1 EMEVSON Creek Cracks & Observation Available SACK Y cenies Crachs Roost/ Back rocks Tree Ranking*** Zone 5 SC U Total % Bark Cover** I I Bat Species/Sex/Frequency/MYSQ/F/7779 A 10 factor English prism is used to identify trees within the plot, centered on the roost tree. Usable W/N 83.9/025 40 5 4 Condition* Project No./Project Name Height Horm Roost 210 00 Tree 7 25 20 30 B Or. 94 25 30 00 Lat-Long/UTM: N/E 41, 20894 4 h 9 (cm) 50 19.45 58. 40. 8 1 2 7 LLOCKY MANY MCGN Mall Mary morale ugay manle S.10 26 Petroy Jon. Ca Marmore Suciar mont MOON INVOITING SUCA CYNANY Sudaning ! Species PRON 54 1600 Roost Tree Data Form (2014) We extina Un known Boech FUNKTANIS Senoc Oak Sp 0 Roost Tree # Tree Tag County Location 2 10 12 15 16 22 3 10 9 1 00 6 13 14 17 18 19 20 21

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PLOT REDO

H2O Level Observations Opening Measurements Ground Cavity or Crevice Characteristics Height Sex of Bat Band# ODNR 33553 Bat Days Bat Band Width Don'te Aspect Bat Freq. Nature Date No. 10 11 12 13 No. 2 14 4 00 6 9 2 Personnel/ Comments 2000 AB 0 Bat Species/Sex/Frequency: MMSD/ FP 1779 KT370 Moodlot Focal Bat exit # 17 Tagged Bat 2100 CR 33 P801 84.6801 2100 4 Bats Location Diagram: 3100 86 1M4 Bats Emergence Count 1007 5 6/00110 Sunset # of Bats 0 Glest/not Weather dear 4 780 Temp °F Roost Tree Diagram: 2015 Date 1128 P 50 1 4MOJEJAND

Roost Tree # 370

100ft approximately Comments:

Bat Species/Sex/Frequency NVS 0/F/779

as must not

MODOLLOT

Roost Tree # 308

Roost Tree Data Form (2014)

Project No./Project Name 112

Date First Found 27 July 2015 Band # ODNR 2355 3 Page L of L

A. P. Shind

NADS3 Observers: X. RECK Man Live-Damaged Sub-Canopy | Understory Crevice All Trees Closed Open Low = < 10% CIRCLE Canopy Cover at Roost Moderate = > 10-<25% Intermediate QUICK REFERENCE / ***Tree Ranking ** Bark Cover Roost Location Snags Cavity Edge Basal Area *Condition Live Habitat High = > 25% Live Trees Canopy Interior Open Snag Bark 8 Quad tireso - Datum: Squaking Observation Available Shing Roost/ 80 hours Zone _ Ranking*** Tree 25 Total 10 Col % Bark Cover** 1 A 10 factor English prism is used to identify trees within the plot, centered on the roost tree. Myn 82.94308 Usable State Condition* SIE AL 6000 mag E. Call Roost Height (ft or m 25 Tree SUC 00 Lat-Long/UTM: NYE-41, 20927 Acor section 1069 19.3 1.67 (cm) 5 Cherry ACET Seelinger Location IN Same County Serve Ch Species 1 X 22) UNK # Tree Tag 808 12 15 10 13 14 16 17 18 19 CI 0 4 10 9 1 00 6 H 20 21 ni.

selling 17 30

(

15001 COPPERHEAD

Roost Tree # 3 68

Bat Species/Sex/Frequency: \NN\50\x/\7\19

Band # 00W/L23553

	1	7	1	3		a	RT368						Bat Days	VS		
	/	11	1		- "	57	>			No.	Date	Bat Freq.	Bat Band #	Sex of Bat	Obs	Observations
		1	1		1					1	747	PLL:	13553	4		
			4							2	7/29	179	75553	Ŋ.		
										3	7/3/	bll.	83555	4		
					1	The state of				4	1/8	bet.	63966	77	Par 1	Bremder
						-	//			2	8/1	136	82.29	1	Row	
								1		9						
										7						
Y 6 400	121				0	L'ac			1	8						
1,1000 1001	1				Las	134			5	6						
Dallet de Se										10						
										11						
										12						
					Г	1810	No.			13						
										14						
10				Emergen	Emergence Count											
					1	Time		Focal				Cavit	Cavity or Crevice Characteristics	Characteris	tics	
No. Date	Temp °F	Weather	# of Bats	Sunset	Bats	Bats End	Tagged Bat	Bat exit #	Personnel/ Comments					Opening A	Opening Measurements	ts.
1 7/17	75	die	h	1054	2109	1116	2109	1		No.	Nature	Aspect	Width	Height	Ground	H ₂ O Level
2 7/28	78	Clear	-	7054	4012	4017				1						
3 7/29	. 28	100011 - 1000	7.	650%	6306	2 815	2502			2						
4 7/3/	20c	Ches.	5	8	30:08	31.31	25.08	1		6						
1/8	Constant Constant	Clear	13		30:56	20	85:08 5	4	Standon Sm	3						
Comments	230C	clear	0.90	*	45.8	00	V- 10	Per Ja	Coanto	Son y						
Samedo	1.00	100	Jess I.	10 /2	78.	1000	-	1	265	1. 6.000	W. Just	7204				
					100	1 2 2 4			0.00		1	-				



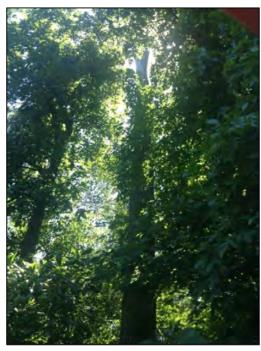


APPENDIX E

Roost Tree Photographs



RT 140



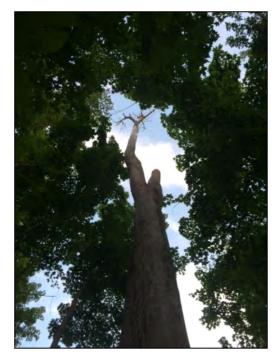
RT 314



RT 368



RT 369



RT 370



RT 371



RT 372





RT 395



RT 396



RT 983



RT 984



RT 985



RT 986



RT 987



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12/26/2018 3:29:23 PM

in

Case No(s). 17-2295-EL-BGN

Summary: Application Exhibit R Part 11 of 11 electronically filed by Teresa Orahood on behalf of Dylan F. Borchers