Post-construction Monitoring Studies for the Timber Road Wind Farm Paulding County, Ohio

Year 2 Final Report



Prepared for: EDP Renewables Attn: Erin O'Shea 1501 McKinney Street Suite 1300, Houston, Texas 77010

Prepared by:

Ashley Matteson, Daniel Riser-Espinoza, Andrew Tredennick, and Karl DuBridge

Western EcoSystems Technology, Inc. 408 West 6th Street Bloomington, Indiana 47404

January 25, 2022



Privileged and Confidential - Not For Distribution

EXECUTIVE SUMMARY

Paulding Wind Farm II LLC, Paulding Wind Farm III LLC, and Paulding Wind Farm IV LLC are operating the Timber Road II Wind Farm, Timber Road III Wind Farm, and Timber Road IV Wind Farm (collectively Timber Road Wind Farm [TRWF or Project]) in Paulding County, Ohio. This report details the second year of post-construction monitoring studies conducted in 2021, consistent with Section 5.4.1 of the Project's Habitat Conservation Plan (HCP) and Incidental Take Permit (ITP; TE68782D) for Indiana bats and northern long-eared bats (Covered Species). Turbines were feathered when wind speeds were below 3.5 meters (m) per second (m/s; 11.5 feet [ft] per second [ft/s]) per second in the spring, and 5.0 m/s (16.4 ft/s) in the fall to minimize impacts to Covered Species, per the HCP.

Post-construction monitoring was completed in accordance with the study plan, which was designed to achieve a 25% probability of detecting a single bat carcass (*g* of 0.25) and approved by the US Fish and Wildlife Service on March 29, 2021. The overall goal of this post-construction fatality monitoring study was to generate reliable fatality estimates for the Covered Species and to evaluate compliance with the incidental take authorization granted under the Project's ITP. More specifically, the objectives of this study were to estimate Covered Species take using the Evidence of Absence framework as outlined in the HCP and provide the necessary data to determine if adaptive management was necessary to further reduce mortality.

Standardized carcass searches were completed for bat carcasses at three plot types: cleared plots, uncleared plots, and roads and pads. During the spring (April 1 – May 15), technicians searched the gravel road and pad areas under 119 turbines to a distance of 100 m (328 ft) from the turbine base weekly and five turbines as 90-m (295-ft) radius cleared plots daily. A dog-handler team searched 10 turbines as cleared plots with a 90-m radius every three days. During the fall (August 1 – October 16), technicians searched 74 turbines as 100-m road and pad twice weekly. Dog-handler teams searched 15 turbines as 90-m radius cleared plots every three days, seven turbines as 70-m radius (230-ft) cleared plots twice weekly, and 38 turbines as 70-m radius uncleared soybean plots twice weekly. Searcher efficiency and carcass persistence trials were also conducted during each season to correct for detection and scavenger bias.

No Covered Species were found at TRWF during the study. During the study, 1,277 bats were found. The most commonly found bat species were silver-haired bat (35.4%), eastern red bat (35.3%), hoary bat (15.7%), and big brown bat (11.8%). The mean annual take rates at TRWF were 2.88 Indiana bats and 0.96 northern long-eared bats per year. The probability that the estimated annual take rate was greater than the expected take rate was 0.01 for Indiana bat and 0.11 for northern long-eared bat. The cumulative take estimates through 2021 for TRWF were four Indiana bat fatalities and zero northern long-eared bat fatalities. The cumulative take estimates were below the levels authorized by the ITP. No adaptive management actions are necessary at this time.

STUDY PARTICIPANTS

Ashley Matteson Project Manager; Permitted Bat Biologist Rhett Good Senior Reviewer Karl DuBridge Field Supervisor and Report Compiler Anna Ciecka **Detection Dog Coordinator** Daniel Riser-Espinoza Lead Client Analyst Andrew Tredennick Evidence of Absence Analyst Lindsay McManus Statistician Wesley Conway GIS Technician Jolie Blevins Report Tracking and Data Manager Julia Preston-Fulton **Technical Editor** Kyle Proxmire Field Crew Lead Victoria Hewitt Field Technician Andrew Travers Field Technician Ethan Kistler Field Technician Claire Burrows Field Technician Rachel Katz and Haole Dog-Handler Lead Team Robert Miller and Maggie **Dog-Handler Team** Ashley Smith and Cash **Dog-Handler Team** Rachel Hamre and Barley **Dog-Handler Team** Amanda Lofthus and Nyx **Dog-Handler Team** Kristen VanNess and Tonks Dog-Handler Team

REPORT REFERENCE

Matteson, A., D. Riser-Espinoza, A. Tredennick, and K. DuBridge. 2021 Post-construction Monitoring Studies for the Timber Road Wind Farm, Paulding County, Ohio. Year 2 Draft Report: April 1 – May 15 and August 1 – October 16, 2021. Prepared for EDP Renewables (EDPR), Houston, Texas. Prepared by Western EcoSystems Technology, Inc. (WEST). Bloomington, Indiana. January 25, 2022.

TABLE OF CONTENTS

EXECUTIVE SUMMARY	i
INTRODUCTION	1
STUDY AREA	1
METHODS	4
Standardized Carcass Searches	4
Number of Turbines Sampled, Search Frequency, and Plot Size	
Search Methods	7
Data Collection	9
Carcass Identification and Agency Notification	10
Bias Trials	10
Searcher Efficiency Trials	10
Carcass Persistence Trials	11
Search Area Mapping	11
Quality Assurance and Quality Control	11
Statistical Analysis	11
Searcher Efficiency Estimation	12
Carcass Persistence Rate Estimation	12
Area Adjustment	12
Carcasses Excluded from Area Correction Calculations	13
Indiana Bat and Northern Long-eared Bat Take and Detection Probability Estimates	13
RESULTS	15
Standardized Carcass Searches	15
Species Composition	15
Carcasses for Area Correction Analysis	17
Bias Trials	17
Searcher Efficiency Trials	17
Carcass Persistence Trials	17
Statistical Analysis	20
Area Adjustment	20
Indiana Bat and Northern Long-eared Bat Take Estimates	20
CONCLUSIONS	23
REFERENCES	<u>2</u> 4

LIST OF TABLES

Table 1. National Land Cover Database land cover types and percent (%) composition within the Timber Road Wind Farm Permit Area, Paulding County, Ohio within the
Table 2. Phases, turbines, and operational dates of the Timber Road Wind Farm, Paulding County, Ohio. 4
Table 3. Number of Turbines by plot type, plot size, and search interval to achieve $g = 0.25$ at Timber Road Wind Farm, Paulding County, Ohio, from April 1 – May 15 and August 1 – October 16, 2021
Table 4. Number of searches per plot type at the Timber Road Wind Farm, Paulding County,Ohio, from April 1 – May 15 and August 1 – October 16, 202115
Table 5. Number and percent (%) of bat carcasses found at the Timber Road Wind Farm,Paulding County, Ohio, from April 1 – May 15 and August 1 – October 16, 2021.16
Table 6. The number of bats included in the area correction calculation, found by plot type during spring at the Timber Road Wind Farm, Paulding County, Ohio, from April 1 – May 15, 2021
Table 7. The number of bats included in the area correction calculation, found by plot typeduring fall at the Timber Road Wind Farm, Paulding County, Ohio, from August 1 –October 16, 2021
Table 8. Searcher efficiency results by plot type and season at the Timber Road Wind Farm,Paulding County, Ohio, from April 1 – May 15 and August 1 – October 16, 2021
Table 9. Carcass persistence top models with covariates, distributions, and modelparameters for the Timber Road Wind Farm, Paulding County, Ohio, from April 1 –May 15 and August 1 – October 16, 2021.18
Table 10. Median carcass persistence probability through the search interval at the Timber Road Wind Farm, Paulding County, Ohio, from April 1 – May 15 and August 1 – October 16, 2021
Table 11. Truncated weighted maximum likelihood search area adjustment estimates for the Timber Road Wind Farm, Paulding County, Ohio, from April 1 – May 15 and August 1 – October 16, 2021
Table 12. Annual and overall probabilities of detection (g), Ba, Bb, and p for the Timber RoadWind Farm, Paulding County, Ohio from 2020 – 2021
Table 13. Probability the estimated take rates exceeded the expected take rates of 10.8 Indiana bats per year and 2.5 northern long-eared bats per year at Timber Road Wind Farm, Paulding County, Ohio, from April 1 – May 15 and August 1 – October 16, 2021.
Table 14. Cumulative take estimate to date (years 1-2 of the ITP) using Evidence of Absencefor studies conducted at Timber Road Wind Farm, Paulding County, Ohio, from 2020and 2021

LIST OF FIGURES

Figure	1a. Turbine locations by search type during spring and surrounding land cover at the Timber Road Wind Farm in Paulding County, Ohio, from April $1 - May 15, 2021$	2
Figure	1b. Turbine locations by search type during fall and surrounding land cover at the Timber Road Wind Farm in Paulding County, Ohio, from August 1 – October 16, 2021.	
		3
Figure	2. Representative photo of a 100-meter road and pad plot	5
Figure	3. Representative photo of a cleared plot	6
Figure	4. Representative photo of an uncleared soybean plot	6
Figure	5. Photos of detection dogs used to conduct searches at Timber Road Wind Farm from April 1 – May 15 and August 1 – October 16, 2021.	8
Figure	6. The average probability of carcass persistence on human-searched plots, in days, at the Timber Road Wind Farm, Paulding County, Ohio, from April 1 – May 15 and August 1 – October 16, 20211	9
Figure	7. The average probability of carcass persistence on dog-handler searched plots, in days, at the Timber Road Wind Farm, Paulding County, Ohio, from April 1 – May 15 and August 1 – October 16, 20211	9
Figure	8. Estimated annual take rate (λ) of bats per year at the Timber Road Wind Farm, Paulding County, Ohio, from April 1 – May 15 and August 1 – October 16, 20212	22

LIST OF APPENDICES

- Appendix A. Carcasses found during the 2021 Post-construction Monitoring Surveys at the Timber Road Wind Farm
- Appendix B. Searcher Efficiency, Carcass Persistence, and Truncated Weighted Likelihood Area Adjustment Estimate Model Fitting Results
- Appendix C. Inputs for Single Class and Multiple Class Modules in Evidence of Absence and Screenshots of the Inputs and Outputs for the Single Class and Multiple Class Modules

INTRODUCTION

Paulding Wind Farm II LLC, Paulding Wind Farm III LLC, and Paulding Wind Farm IV LLC (collectively, Paulding Wind Farm), subsidiaries of EDP Renewables, are operating the Timber Road II Wind Farm (TR-II), Timber Road III Wind Farm (TR-III), and Timber Road IV Wind Farm (TR-IV; collectively, Timber Road Wind Farm [TRWF or Project]) in Paulding County, Ohio. Paulding Wind Farm obtained an Incidental Take Permit (ITP; TE68782D-0) for the federally listed endangered Indiana bat (*Myotis sodalis*) and the federally listed threatened northern long-eared bat (*M. septentrionalis*; hereafter, Covered Species) from the US Fish and Wildlife Service (USFWS) dated May 8, 2020. This report presents the results of the second year of compliance monitoring conducted under the HCP and ITP to determine if the level of take is in compliance with the authorized take and to evaluate the need for adaptive management measures.

As specified in the HCP, Western EcoSystems Technology, Inc. (WEST) designed the monitoring effort for the TRWF to achieve a probability of detection, or *g*, of 0.25. The objectives of this study were to estimate Covered Species take using the Evidence of Absence (EoA) framework as outlined in the Habitat Conservation Plan (HCP) and provide the necessary data to determine if adaptive management was required to reduce take below permitted levels. This report presents the results of the study conducted within the Project from April 1 – May 15 and August 1 – October 16, 2021.

STUDY AREA

According to the National Land Cover Database (2019), the primary land cover type within 100 meters (m; 328 feet [ft]) of the turbines (i.e., within the HCP's Permit Area) is cultivated crops, which covers 99.7% of the Permit Area, followed by developed-open space, which makes up 0.1%, and patches of deciduous forest, which makes up 0.1% (Figures 1a and 1b; Table 1).

The three phases of TRWF achieved commercial operation in different years (Table 2). All turbines are within the migratory range of the Covered Species; to minimize impacts to the Covered Species during migration, TRWF adjusted turbine operations during the spring and fall migration periods. TRWF committed to feathering blades on nights when temperatures were above 10 degrees (°) Celsius (C; 50° Fahrenheit [F])¹ and wind speeds were below 3.5 m per second (m/s; 11.5 ft per second [ft/s]) during spring migration (April 1 – May 15), and when wind speeds were below 5.0 m/s (16.4 ft/s) during fall migration (August 1 – October 15). The Ohio Department of Natural Resources (ODNR) and Ohio Power Siting Board required additional curtailment of all turbines at TR-IV; turbine blades were feathered when wind speeds were below 6.9 m/s (22.6 ft/s) from September 1 – 14, 2021.

¹ In practice, TRWF feathered turbine blades on all nights, regardless of temperature.

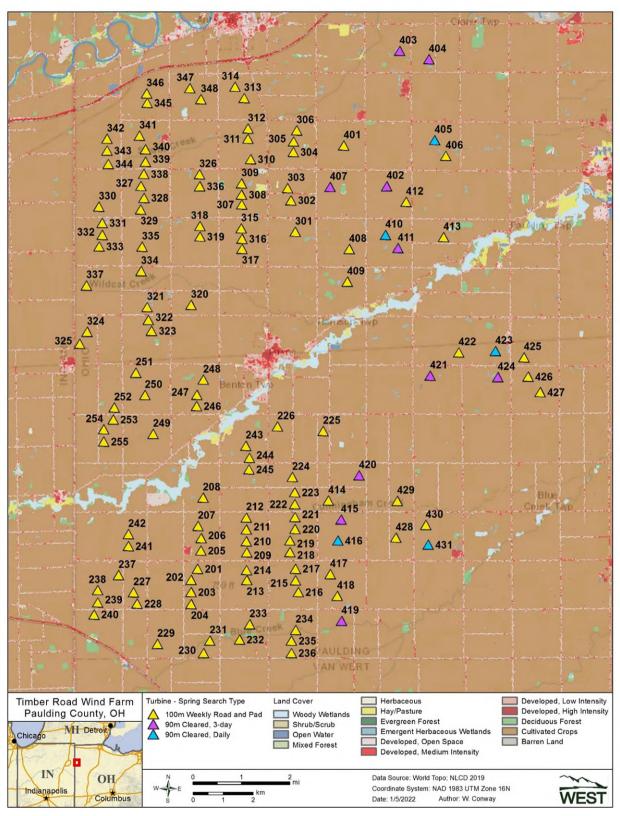


Figure 1a. Turbine locations by search type during spring and surrounding land cover at the Timber Road Wind Farm in Paulding County, Ohio, from April 1 – May 15, 2021.

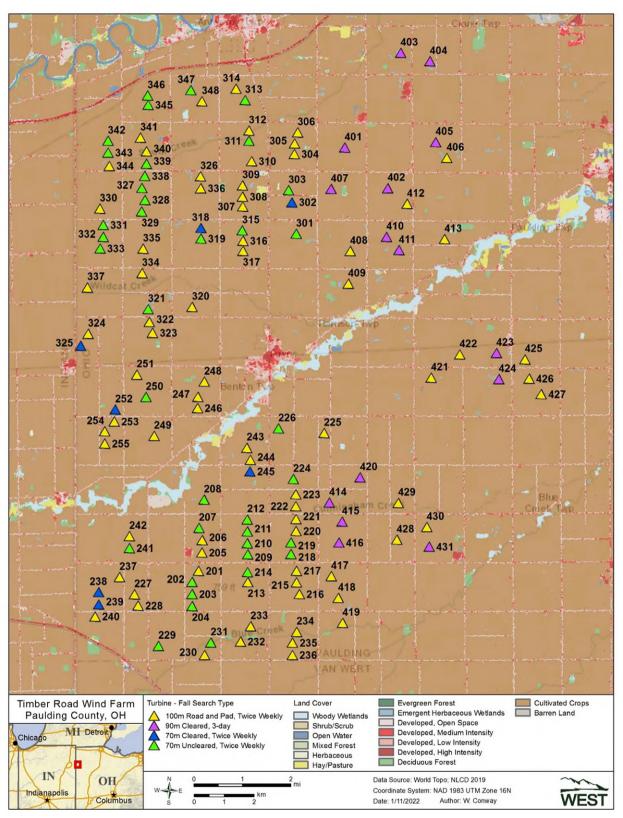


Figure 1b. Turbine locations by search type during fall and surrounding land cover at the Timber Road Wind Farm in Paulding County, Ohio, from August 1 – October 16, 2021.

Table 1. National Land Cover Database land cover types and percent (%) composition within the
Timber Road Wind Farm Permit Area, Paulding County, Ohio within the.

Habitat	Hectares	Acres	% Composition
Cultivated Crops	425.5	1,051.5	99.7
Developed, Open Space	0.6	1.5	0.1
Deciduous Forest	0.6	1.4	0.1
Total	362.5	895.9	100

Data from National Land Cover Database (2019).

Table 2. Phases, turbines, and operational dates of the Timber Road Wind Farm, Paulding County, Ohio.

Phase	Turbine Type	Number of Turbines	Commercial Operational Date	Hub Height (meters)	Blade Diameter (meters)
II	Vestas V100 1.8 MW	55	2012	95	100
	Gamesa G114 2.1 MW	48	2017	93	114
11/	Vestas V150 4.2 MW	24	2020	105	150
IV	Vestas V136 3.6 MW	7	2020	105	136

METHODS

WEST used Project-specific data from previous post-construction monitoring studies to develop a study plan designed to achieve a g of 0.25 to meet the monitoring commitments in the HCP. WEST submitted a study plan to the USFWS on January 29, 2021, and received approval on March 29, 2021 (K. Lott, USFWS, pers. comm.).

Standardized Carcass Searches

Number of Turbines Sampled, Search Frequency, and Plot Size

Technicians and dog-handler teams conducted standardized carcass searches from April 1 – May 15 and August 1 – October 16, 2021. Searches were conducted on October 16 in order to fulfill the number of search rounds within the study plan. Search effort varied by season, and was designed to maximize effort in the fall when the greatest number of Covered Species were expected to occur (Figures 1a and 1b; Table 3). A concurrent study at TR-IV was occurring to fulfill requirements of the TR-IV Ohio Power Siting Board Certificate; therefore the plot radius, number of cleared plots, and search interval at TR-IV were selected to fulfill those requirements.

Table 3. Number of Turbines by plot type, plot size, and search interval to achieve g = 0.25 at Timber Road Wind Farm, Paulding County, Ohio, from April 1 – May 15 and August 1 – October 16, 2021.

Season	Plot Type	Plot Size (meter)	Number of Turbines	Search Interval	Dog Aided	Wind Farm Phase
	Road/pad	100	119	weekly	no	II, III and IV
Spring	Cleared	90	5	daily	no	IV
1 0	Cleared	90	10	every 3 days	yes	IV
	Road/pad	100	74	twice weekly	no	II, III and IV
	Cleared	70	7	twice weekly	yes	II, III
Fall	Cleared	90	15	every 3 days	yes	IV
	Uncleared	70	38	twice weekly	yes	II, III

During the spring (April 1 – May 15), technicians searched the gravel road and pad areas (road and pad) under 119 turbines to a distance of 100 m from the turbine weekly, and five turbines as 90-m (295-ft) radius cleared plots daily. A dog-handler team searched 10 turbines as cleared plots with a 90-m radius every three days (Table 3; Figure 1a).

During the fall (August 1 – October 16), technicians searched 74 turbines as 100-m road and pad twice weekly. Dog-handler teams searched 15 turbines as 90-m radius cleared plots every three days, seven turbines as 70-m (230-ft) radius cleared plots twice weekly, and 38 turbines as 70-m radius uncleared soybean (*Glycine max*) plots twice weekly (Table 3; Figure 1b).

A representative photo showing the condition of road and pad plots is in Figure 2. During the spring and fall study periods, vegetation at cleared plots was mowed and maintained by Project staff within 10 to 15 centimeters (four to six inches) in height to enhance detectability of carcasses (Figure 3). Uncleared plots were vegetated with soybeans (Figure 4). A cross pattern approximately 1.5-m (4.9-ft) wide was mowed into the uncleared soybean plots to assist with plot access.



Figure 2. Representative photo of a 100-meter road and pad plot.



Figure 3. Representative photo of a cleared plot.



Figure 4. Representative photo of an uncleared soybean plot.

Search Methods

All personnel were trained to follow the TRWF search protocol, including proper handling and reporting of carcasses. Carcass searches began as early as first light and ended by 1700 hours.

Human Searchers

The technicians walked transects spaced five m apart at a rate of approximately 45–60 m (148–197 ft) per minute on all gravel road and pad areas within 100 m of the turbine, and mowed areas within a 90-m radius on five of the cleared plots. The technicians scanned the area for fatalities on both sides of the transects to 2.5 m (8.2 ft) to ensure full visual coverage of each search area.

Dog-handler Teams

Detection dog teams searched cleared and uncleared plots for bat carcasses. Detection dogs were considered candidates for carcass searches if they met temperament, basic obedience, and ability to detect bird and/or bat carcasses requirements. Temperament characteristics that are sought after were high-energy dogs, with a high food or toy drive, and eagerness to please their handler. Prior to conducting searches at TRWF, handlers trained their detection dogs on the scent of bat carcasses using methods derived from search and rescue programs and drug detection (Kay 2012, Helfers 2017). Dogs were initially trained on cotton scent swabs that had been rubbed on or stored in a container with bat carcasses and progressed to bat carcasses at increasing distances over a period of three to four weeks. Once the dog had achieved a passing grade of 80% or higher in a scent recognition test, consisting of 10 blind trial lineups using bat carcasses, the dog and handler were evaluated in the field to measure their performance. The detection dog coordinator conducted a 2-day field evaluation of each dog-handler team; after teams achieved a searcher efficiency of 75% or greater for 30 bats during evaluation trials, they were approved to conduct standardized carcass searches. Because the objective of the study was to document bat carcasses, dogs were not explicitly trained on native bird carcasses; however, all detection dogs alerted on birds in the field, and handlers rewarded bird finds in the field to encourage future alerts to bird carcasses. Detection dogs used at TRWF included a Labrador retriever-airedale mix, a Labrador retriever-beagle mix, a chocolate Labrador retriever, a German shorthaired pointer, and three border collies (Figure 5).

Prior to each search, dog-handlers determined the survey start points and the number of transects needed to cover the plot after taking into account wind speed and direction, as well as crop row direction and density (when applicable). Handlers oriented dogs to start searches perpendicular to the wind to maximize scent detection. Both windspeed and crop density can affect scent dispersal across the search area. Transect width varied by plot type and wind speed to maximize detection and ranged from 5–10 m (16–33 ft) apart in uncleared plots, and 10–15 m (33–49 ft) in cleared plots. The handler placed a marker by the carcass and rewarded the dog with either a food reward or a short play session when a detection dog correctly alerted to a bat or bird carcass.

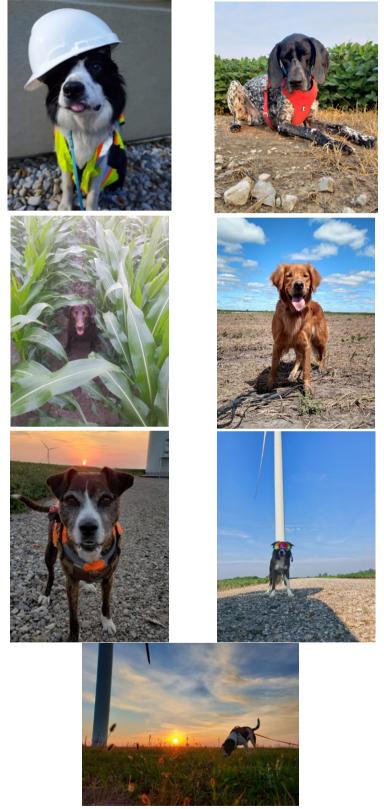


Figure 5. Photos of detection dogs used to conduct searches at Timber Road Wind Farm from April 1 – May 15 and August 1 – October 16, 2021.

Data Collection

For each scheduled search, technicians recorded the date, start and end times, technician name, turbine number, type of search and if any fatalities were found. When a fatality was found, technicians placed a flag near it and continued the search. After searching the entire plot, the technician returned to record information for each fatality on a fatality data sheet, including the date and time, species, sex and age (when possible), technician name, turbine number, distance from turbine, azimuth from turbine, location of carcass as latitude/longitude coordinates, ground cover surrounding carcass, condition of carcass (i.e., intact, scavenged, dismembered, feather spot [for birds only], injured), and estimated time since death (e.g., less than one day, two days). Technicians took digital photographs of each fatality, including any visible injuries, and surrounding land cover. Carcasses found outside of search areas or outside of the scheduled study period, were recorded as incidental discoveries and documented following the same protocol for those found during standard searches, but were not included in analysis.

The condition of each carcass was recorded using the following categories:

- Intact—a complete carcass, not badly decomposed, and shows no sign of being fed upon by a predator or scavenger.
- Scavenged—an entire carcass that shows signs of being fed upon by a predator or scavenger, or a portion(s) of a carcass in one location (e.g., wings, skeletal remains, portion of a carcass), or a carcass that has been heavily infested by insects.
- Dismembered—an entire carcass found in multiple pieces distributed more than 1.0 m (3.3 ft) apart from one another due to scavenging or other reasons.
- Injured—a bat or bird found alive.

For bird carcasses, the following category was also used:

• Feather spot—10 or more feathers (excluding down), or two or more primary feathers at one location indicating predation or scavenging of a bird carcass.

Bat carcasses were collected under the Project's ITP (TE68782D-0), WEST's Federal Native Endangered and Threatened Species Recovery Permit (TE234121-9), and WEST's State Scientific Collection Permit (SC210040). Technicians placed all bat carcasses in a re-sealable plastic bag labeled with the unique carcass identification number, turbine number, and date, for storage in a freezer on site. Leather and rubber gloves were used to handle all bat carcasses to eliminate possible transmission of rabies or other diseases. Bird carcasses were collected under the Project's Migratory Bird Special Purpose Utility Permit (MB11231B-0). Injured bats found during searches were evaluated and those determined to be unable to fly were safely collected and transported to Nature's Nursery (https://www.natures-nursery.org/) in Whitehorse, Ohio, for potential rehabilitation.

Carcass Identification and Agency Notification

Identification of bird carcasses were verified by biologists with significant field experience in identification of birds and their feathers. A federally permitted bat biologist (TE19208C-0) verified the identifications of all bat carcasses in hand at the end of the surveys. In the event any species listed as endangered or threatened under the Endangered Species Act, birds protected under the Bald and Golden Eagle Protection Act, or any state-listed threatened or endangered species had been discovered, WEST would have notified the USFWS and the ODNR within 24 hours of positive identification.

Tissue samples were collected from heavily scavenged or decomposed carcasses that could not be positively identified and had potential to be a Covered Species (i.e., forearm less than 41 millimeters [mm; 1.6 inches] and no fur on inner wing membrane) and were submitted to a USFWS-approved laboratory, Northern Arizona University School of Forestry and Center for Microbial Genetics and Genomics, for identification. Bat carcasses that were heavily scavenged but did not have potential to be a Covered Species (i.e., fur was present on the inner wing membrane or forearms measured over 41 mm) were identified to the closest genus (i.e., unidentified *Lasiurus*) or group (i.e., unidentified non-myotis) possible and were not sent to the laboratory for further identification.

All bat and bird carcasses found during searches were delivered to the ODNR Division of Wildlife Office in Columbus, Ohio, on November 15, 2021.

Bias Trials

Searcher Efficiency Trials

The objective of the searcher efficiency trials was to estimate the probability that searchers found a carcass. Searcher efficiency trials were conducted in the same areas where carcass searches occurred. Personnel conducting carcass surveys did not know when searcher efficiency trials were being conducted or the location of the trial carcasses. Trial carcasses consisted of carcasses provided by ODNR and included: eastern red bats (*Lasiurus borealis*), hoary bats (*L. cinereus*), big brown bats (*Eptesicus fuscus*), silver-haired bats (*Lasionycteris noctivagans*) and one each of evening bat (*Nycticeius humeralis*) and Seminole bat (*L. seminolus*). A minimum of 20 bat carcasses were placed and confirmed available per plot type and per season. Multiple trials were conducted in each season to measure potential changes in search conditions on searcher efficiency over time. No more than two bat trial carcasses were placed on a plot to avoid potential over-seeding.

Each trial carcass was discreetly marked with a black zip-tie label around the upper forelimb for identification as a study carcass after it is found. Carcasses were dropped from waist-height or higher and allowed to land in a random posture. The number and location of trial carcasses found during the subsequent search were recorded, and the number of trial carcasses available for detection during each search was determined immediately after each trial by the person responsible for distributing the carcasses. Searchers had one chance to locate trial carcasses during the first search after carcass placement. The trial administrator walked in a meandering

path and dropped trials for detection dogs the night prior to the next search to allow time for the scent to pool and disperse prior to scheduled searches. Following searches, any carcasses that were not detected were checked to confirm availability.

Carcass Persistence Trials

The objective of carcass persistence trials (CPT) was to estimate the length of time (in days) a carcass would persist, or be available for detection, in the field. Carcasses could be removed by scavenging or rendered undetectable by typical farming activities. Fifteen trial carcasses were placed in each season and plot type to incorporate the effects of varying weather and climatic conditions on carcass persistence. No more than two trial carcasses were placed on a plot to avoid potential over-seeding and attracting scavengers.

Technicians monitored the trial carcasses over a 30-day period according to the following schedule, as closely as possible. Carcasses were checked daily for the first four days, then on day 7, 10, 14, 21, and 30. Trial carcasses were monitored until they were completely removed or the trial period ended. Detection dogs determined when carcasses were removed on plots searched by dogs; technicians determined when carcasses were removed on plots searched by dogs; technicians determined when carcasses were removed on plots searched by dogs.

Search Area Mapping

Technicians recorded the boundaries of all plots using the ArcGIS Field Maps program on a tablet computer paired to a Trimble® R1 submeter global positioning satellite unit. The plot boundaries were used to verify if carcasses were found inside the search areas, and to estimate the number of carcasses that fell inside or outside of search areas.

Quality Assurance and Quality Control

Quality assurance and quality control (QA/QC) measures were implemented at all stages of the study, including in the field, during data entry and analysis, and report writing. Following field surveys, technicians were responsible for inspecting data forms for completeness, accuracy, and legibility. Potentially erroneous data were identified using a series of database queries. Irregular codes or data suspected as questionable were discussed with the technician and/or project manager. Errors, omissions, or problems identified in later stages of analysis were traced back to the raw data forms, and appropriate changes and measures were implemented. A Microsoft[®] SQL database was developed to store, organize, and retrieve survey data. All data forms and electronic data files were retained for reference.

Statistical Analysis

The EoA (Dalthorp et al. 2017) modeling framework was used to estimate take of Covered Species. Inputs used to estimate take included the number of Covered Species' carcasses found, the search schedule, searcher efficiency trial results, a fitted carcass persistence distribution, an area adjustment, and pre-defined expectations of carcass arrival in each season. EoA was used to estimate the site-wide and multi-year detection probability (*g*) and associated mortality metrics for the Covered Species: cumulative take to date and the annual take rate. These metrics were

compared to targets specified in the ITP to test whether the Project is in compliance and/or whether adaptive management is needed.

Searcher Efficiency Estimation

EoA uses raw searcher efficiency data (e.g., number of found and available trial carcasses) to inform overall probability of detection. However, to determine if searcher efficiency data should be pooled between seasons and plot types, or separated by strata such as season and/or plot type, searcher efficiency was modeled using logistic regression, while accounting for the detection reduction factor k (Dalthorp et al. 2018). Searcher efficiency was modeled separately for humans and dog teams to account for different modes of detection (i.e., humans use sight, dogs use scent). For both sets of models, selection was completed using an information theoretic approach known as AICc, or corrected Akaike Information Criterion (Burnham and Anderson 2002). The best-fit model was selected as the most parsimonious model within two AICc units of the model with the lowest AICc value. Searcher efficiency values were input into the EoA software according to the model selection results.

The change in searcher efficiency between successive searches was defined by a parameter called the detection reduction factor (k) that can range from zero to one. When k is zero, it implies a carcass that was missed on the first search would never be found on subsequent searches. A k of one implies searcher efficiency remained constant no matter how many times a carcass was missed. Huso et al. (2017) estimated a value of k = 0.67 for bats, and this value was used to calculate Covered Species fatality estimates using EoA per the HCP.

Carcass Persistence Rate Estimation

Data collected during CPT were used to estimate the amount of time, in days, carcasses remained available to be located by the searcher. The average probability a carcass persisted through the search interval (i.e., the time between scheduled searches) was estimated using an interval-censored survival regression with four potential distributions: exponential, log-logistic, lognormal, and Weibull distributions (Kalbfleisch and Prentice 2002, Dalthorp et al. 2018). Persistence was modeled separately for humans and dog teams to account for different modes of detection and the dogs' ability to detect small remnants of carcasses that would not be considered discoverable by a human. Season and plot type were potential covariates fit to all parameters of the candidate distributions. The best-fit model was selected as the most parsimonious model within two AICc units of the model with the lowest AICc value. The parameter estimates of the selected model (α [shape] and β [scale], including the 95% confidence interval [CI] of β) were used as inputs in the EoA Single Class module, which is used to estimate stratum-specific detection probabilities.

Area Adjustment

The search area adjustment accounted for unsearched areas beneath turbines, and was calculated as a probability that ranged from zero to one. The area adjustment was estimated as the product of the searched area around each turbine and a carcass-density distribution. A truncated weighted maximum likelihood (TWL) modeling approach (Khokan et al. 2013) was used to estimate the carcass-density distribution using site-specific fatality locations. The TWL approach uses weight-based probability of detection and the proportion of area searched in each

1.0-m annulus around the turbine. Distributions considered were normal, gamma, Gompertz, Rayleigh and Weibull (parameterized according to R Development Core Team [2016] and Yee [2015]). To account for potential differences in the carcass density distribution resulting from different sizes of turbines (i.e., rotor diameter), models that stratified density by turbine size were considered, in addition to models pooling data across all turbine sizes. The stratified models included all potential combinations of the five distributions listed above, and the four turbine sizes represented across the Project. The best-fit model was selected using AICc. The proportion of area searched was calculated in a Geographic Information System as the amount of area searched divided by the total area searched at each 1.0-m annulus around the turbine.

Carcasses Excluded from Area Correction Calculations

Fatalities were excluded from the area correction calculation when the carcass was discovered outside of the spatial and temporal scope of the survey design. For example, carcasses found outside a designated plot were not included in the analysis because the area adjustment accounts for the carcass by adjusting for unsearched areas. Carcasses found prior to the start of surveys (e.g., a carcass found on a plot in the spring that was estimated to have died prior to April 1) were also excluded because the carcass occurred outside of the study period. Note that carcasses found on a plot incidentally were included in the analysis if that plot had a scheduled search in the future. In the event that a fatality of a Covered Species was found outside of the spatial or temporal scope of the study design, it would still have been excluded from the area correction estimate, but would have been included in the EoA fatality estimate following Dalthorp et a. 2020.

Indiana Bat and Northern Long-eared Bat Take and Detection Probability Estimates

Evidence of Absence

EoA was used to estimate the median cumulative take to-date (M^*), mean annual take rate (λ), and the probability the estimated take rate (λ) exceeded the expected take rate (τ) for Covered Species. Estimates were calculated using the EoA method (Dalthorp et al. 2017), using the Single Class, Multiple Class, and Multiple Years modules of EoA.

The probability of detection (*g*) was estimated using the bias corrections for searcher efficiency, carcass persistence, and area searched, as well as the assumed seasonality of risk for Covered Species, which, per the HCP, was 11% in spring and 89% in fall. The EoA Single Class module was used to estimate the distribution of detection probability in each search stratum. This resulted in alpha and beta parameters that defined the Beta distribution of detection probability in each stratum. The area adjustment for each search stratum was included as the "Spatial coverage (a)" parameter in EoA. The EoA Multiple Class module was then used to combine detection probability distributions across plot types within each season (cleared plots searched by dog-handler teams, cleared plots searched by technicians, uncleared plots, and roads and pads), with weights for each class defined by the within-season sampling fraction. Then, the Multiple Class module was used again to combine detection probability parameters across seasons, with weights for each season defined by the expected arrival proportions specified in the HCP (0.11 in spring; 0.89 in fall). This procedure produced an overall, site-wide estimate of detection probability for the Project in 2021.

The EoA Multiple Years module was used to estimate the detection probability to date over the two years of monitoring conducted at the Project. Detection probability parameters (Ba and Bb parameters in EoA) for 2020 and 2021 were combined using year-specific weights (ρ in EoA). ρ was set to 0.89 for 2020 because the ITP was issued after the spring 2020 season, meaning that potential take of the Covered Species occurred only in fall of 2020. Following the expected arrival proportions, fall represents 89% of the total risk period. ρ was set to 1 in 2021 because the permit was in effect for the entire risk period (spring and fall).

The total number of Covered Species' carcasses found to date and the results from the Multiple Years module (Ba and Bb parameters for the detection probability to date) were used to estimate M^* , mean take rate λ and its 95% CI, and the probability that $\lambda > \tau$. Appendix C shows how the compliance metrics were calculated using the EoA Graphical User Interface².

Adaptive Management Triggers

The estimates from the EoA analysis were used to test two adaptive management triggers: a short-term test of whether the estimated take rate exceeded the expected take rate and a long-term test of whether permitted take had been met (Dalthorp and Huso 2015). Both the short- and long-term triggers were tested individually for Indiana bat and northern long-eared bat.

Evidence of Absence Short-term Trigger

The EoA short-term trigger is designed as an early warning signal that the Project may be on the path to exceeding permitted take (T) by the end of the permit term. The short-term trigger is designed to determine if an adaptive management response is needed to prevent the cumulative take estimate from actuating a response to the long-term trigger test. The short-term trigger tests if the estimated annual take rate (λ) exceeded the expected take rate ($\tau = T \div$ years in permit) at a confidence level of $\alpha = 0.1$, per the HCP. The TRWF short-term trigger is designed to evaluate a rolling window of six years of post-construction monitoring data. If, within any six-year rolling window, the estimated take rate exceeds the expected take rate with 90% confidence, the short-term trigger would be met, indicating that the minimization plan in the HCP may need to be adjusted to ensure that the median cumulative take estimate (M^*) remains within the permitted limit over the ITP term. Only two years of data were used in this analysis because 2021 was the second year of monitoring under the ITP.

Evidence of Absence Long-term Trigger

The EoA long-term trigger is designed to test if the cumulative take to date is equal to or greater than the permitted take (T) under the HCP (i.e., test whether cumulative take has met permitted take). Per the HCP, cumulative take to date (M^*) was estimated at a confidence level of $\alpha = 0.5$ (using the median, or 50th credible bound, of the posterior distribution of estimated mortality). If the cumulative take to date at $\alpha = 0.5$ is less than the total permitted take ($M^* < T$), then the TRWF is in compliance with the ITP. If the cumulative take to date at $\alpha = 0.5$ is greater than or equal to

² There may be very minor differences between screen shots and the results in the main text because EoA is a stochastic estimator, leading to slightly different estimates each time the modules are run.

the total permitted take ($M^* \ge T$), then the take limit has been met and the TRWF must enact avoidance measures.

RESULTS

Standardized Carcass Searches

In the spring, 1,099 searches were completed and in the fall, 2,918 searches were completed (Table 4). Fifty searches (1.2%) were missed due to turbine maintenance, weather constraints, crop spraying, and/or safety hazards. There were 1,277 bat carcasses and 343 bird carcasses found during surveys and incidentally (Appendix A).

Table 4. Number of searches per plot type at the Timber Road Wind Farm, Paulding County, Ohio, from April 1 – May 15 and August 1 – October 16, 2021.

Season	Plot Type	Search Interval	Number of Searches
	100-m road/pad	weekly	741
Spring (April 1 – May 15)	90-m cleared plot	daily	209
	90-m cleared plot	every 3 days	149
	100-m road/pad	twice weekly	1,572
Fall (August 1 – October 16)	90-m cleared plot	every 3 days	387
Fail (August 1 – October 16)	70-m cleared plot	twice weekly	143
	70-m uncleared plot	twice weekly	816
Overall			4,017

m = meter.

Species Composition

No Covered Species or federally or state-listed species were found. Thirty-one bat carcasses were found in the spring and 1,246 bat carcasses were found in the fall (Appendix A). The most commonly found bat species were silver-haired bat (452 carcasses; 35.40%) and eastern red bat (451 carcasses; 35.32%), followed by hoary bat (201 carcasses; 15.74%) and big brown bat (151 carcasses; 11.82%). Eight Seminole bats (0.63%) and four evening bats (0.31%) were also found. (Table 5, Appendix A). Twenty-six heavily scavenged bats (e.g., wing membrane only, bones, or partial carcasses) were sent off for genetic testing. Genetic testing determined the previously unidentified bats were common species, including 15 silver-haired bats, six big brown bats, three hoary bats, one eastern red bat, and one evening bat. The majority of bat carcasses were recorded on plots searched by dog-handler teams and during the fall (Tables 6 and 7).

	Included in Area Correction		Outside Search Area*		Outside Study Period*		Total	
Species	Total	%	Total	%	Total	%	Total	%
silver-haired bat	421	35.35	29	45.31	2	9.09	452	35.40
eastern red bat	421	35.35	23	35.94	7	31.82	451	35.32
hoary bat	184	15.45	8	12.50	9	40.91	201	15.74
big brown bat	145	12.17	2	3.12	4	18.18	151	11.82
unidentified non-myotis	7	0.59	2	3.13	0	0	9	0.70
Seminole bat	8	0.67	0	0	0	0	8	0.63
evening bat	4	0.34	0	0	0	0	4	0.31
unidentified Lasiurus bat	1	0.08	0	0	0	0	1	0.08
Total	1,191	100	64	100	22	100	1,277	100

Table 5. Number and percent (%) of bat carcasses found at the Timber Road Wind Farm, Paulding
County, Ohio, from April 1 – May 15 and August 1 – October 16, 2021.

* Carcasses not included in analysis.

 Table 6. The number of bats included in the area correction calculation, found by plot type during spring at the Timber Road Wind Farm, Paulding County, Ohio, from April 1 – May 15, 2021.

	Spring							
		Human s	Dog-handle	er searched				
_	100-m R	oad/Pad	90-m Daily	Cleared Plot	t 90-m 3-Day Cleared Plo			
Species	Total	%	Total	%	Total	%		
silver-haired bat	0	0	4	66.67	9	42.86		
eastern red bat	1	100	1	16.67	9	42.86		
hoary bat	0	0	1	16.67	3	14.29		
big brown bat	0	0	0	0	0	0		
unidentified non-myotis	0	0	0	0	0	0		
Seminole bat	0	0	0	0	0	0		
evening bat	0	0	0	0	0	0		
unidentified Lasiurus bat	0	0	0	0	0	0		
Total	1	100	6	100	21	100		

Sums may not equal total values shown due to rounding.

m = meter.

Table 7. The number of bats included in the area correction calculation, found by plot type duringfall at the Timber Road Wind Farm, Paulding County, Ohio, from August 1 – October 16,2021.

	Fall								
				90-m 3-day			70-m Uncleared		
	100-m R	oad/Pad	Cleared Plot		70-m Cleared Plot		Plot		
Species	Total	%	Total	%	Total %		Total	%	
silver-haired bat	40	26.85	173	36.42	46	46.46	149	33.86	
eastern red bat	45	30.20	179	37.68	30	30.30	156	35.45	
hoary bat	26	17.45	75	15.79	15	15.15	64	14.55	
big brown bat	36	24.16	41	8.63	8	8.08	60	13.64	
unidentified non-myotis	0	0	1	0.21	0	0	6	1.36	
Seminole bat	2	1.34	5	1.05	0	0	1	0.23	
evening bat	0	0	1	0.21	0	0	3	0.68	
unidentified Lasiurus bat	0	0	0	0	0	0	1	0.23	
Total	149	100	475	100	99	100	440	100	

Sums may not equal total values shown due to rounding.

m = meter.

Carcasses for Area Correction Analysis

Eighty-six of the 1,277 bats found during the fall monitoring season were excluded from modeling the area correction for EoA; 64 bat carcasses were excluded from analysis because they were found off plot. Another 22 bats were excluded because their estimated time of death was prior to the start of surveys (Table 5).

Bias Trials

Searcher Efficiency Trials

One hundred eighty bats were placed for searcher efficiency trials on 29 separate dates, and 164 were available for search teams to find across all plot types. Unavailable searcher efficiency trials were typically removed from a search area by predation or farming practices before a scheduled search was conducted. Overall searcher efficiency rates were 91.6% on 100-m roads and pads, 45.0% on 90-m cleared plots searched daily by humans, and 72.6% across 70-m cleared, 70-m uncleared, and 90-m cleared plots searched by dog teams (Table 8).

The best-fit model for searcher efficiency on non-dog aided search plots included plot type but excluded season as a covariate, meaning there was a difference between human-searched searcher efficiency rates on cleared plots and roads and pads, but rates did not vary between spring and fall (Appendix B1). The best-fit model for searcher efficiency on dog-handler search plots did not include plot type or season as covariates, meaning searcher efficiency rates were similar across all plot types and seasons searched by dog-handler teams (Appendix B2).

	-	-	Number	Number	Number	-
Season	Plot Type	Searcher Type	Placed	Available	Found	% Found
	100-m road/pad	Human	39	39	35	89.74
Spring	90-m cleared plots	Human	21	20	9	45.00
	90-m cleared plots	Dog-Handler	22	20	15	75.00
	100-m road/pad	Human	33	32	30	93.75
Fall	90-m and 70-m cleared plots	Dog-Handler	43	34	27	79.41
	70-m uncleared plots	Dog-Handler	22	19	11	57.89
Overall Road/Pad		Human	72	71	65	91.55
Overall Human-Searched Plots		Human	21	20	9	45.00
Overall Dog-Handler Searched Plots		Dog-Handler	87	73	53	72.60
Overall			180	164	127	77.44

Table 8. Searcher efficiency results by plot type and season at the Timber Road Wind Farm,Paulding County, Ohio, from April 1 – May 15 and August 1 – October 16, 2021.

Carcass Persistence Trials

Fifty-eight carcasses were placed to estimate carcass persistence on non-dog aided plots. The best-fit model for carcass persistence rates on non-dog aided plots had no covariates with a lognormal distribution, which suggests bat carcass persistence rates did not vary by plot search type or season (Appendix B3). Forty-two carcasses were placed to estimate carcass persistence on dog-handler searched plots. The best-fit model for carcass persistence on dog-handler searched plots had season as a scale covariate, with a loglogistc distribution. The best-fit model

for dog-handler searched plots suggests median carcass persistence time did not vary by plot type or season, but season did affect the variation in persistence times (Figure 7; Appendix B4).

The estimated median carcass persistence times were 10.96 days on human-searched plots and 16.61 days on dog-handler searched plots (Table 9). Probabilities of persistence were high, and varied slightly between seasons and plot types due to differing search intervals (Table 10).

Table 9. Carcass persistence top models with covariates, distributions, and model parameters for
the Timber Road Wind Farm, Paulding County, Ohio, from April 1 – May 15 and August 1 –
October 16, 2021.

	Searcher		Median Persistence		
Season	Туре	Distribution	Times (days)	Parameter 1	Parameter 2
All	Human	lognormal*	10.96	meanlog = 2.394	sdlog = 1.356
Spring	Dog-Handler	loglogistic**	16.61	shape = 0.348	scale = 2.81
Fall	Dog-Handler	loglogistic**	16.61	shape = 1.338	scale = 2.81

* Parameterization follows the base R parameterization for this distribution.

Table 10. Median carcass persistence probability through the search interval at the Timber Road
Wind Farm, Paulding County, Ohio, from April 1 – May 15 and August 1 – October 16, 2021.

Seasor	n Plot Type	Searcher Type	Search Interval (days)	Median Carcass Persistence Probability	90% Confidence Interval
	100-m road/pad	Human	7	0.81	0.74-0.87
Spring	90-m cleared plot	Human	1	0.99	0.97-1.0
	90-m cleared plot	Dog-Handler	3	1.0	0.98-1.0
	100-m road/pad	Human	3.5	0.91	0.86-0.95
Fall	70-m cleared and uncleared plot	Dog-Handler	3.5	0.85	0.79-0.91
	90-m cleared plot	Dog-Handler	3	1.0	0.98-1.0

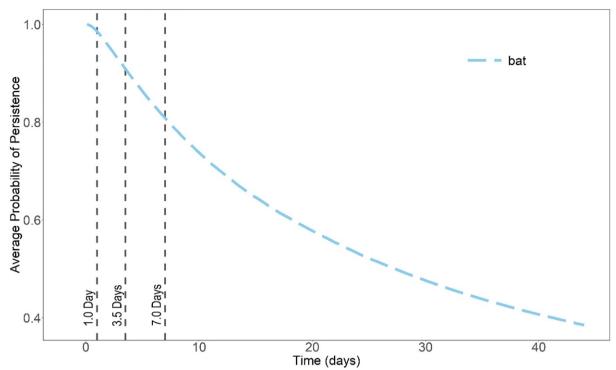


Figure 6. The average probability of carcass persistence on human-searched plots, in days, at the Timber Road Wind Farm, Paulding County, Ohio, from April 1 – May 15 and August 1 – October 16, 2021.

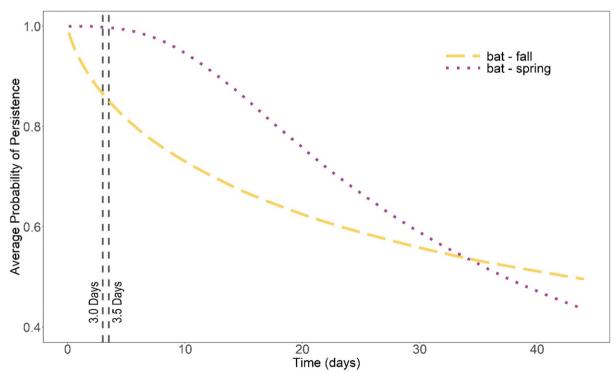


Figure 7. The average probability of carcass persistence on dog-handler searched plots, in days, at the Timber Road Wind Farm, Paulding County, Ohio, from April 1 – May 15 and August 1 – October 16, 2021.

Statistical Analysis

Area Adjustment

The best-fit model for the spatial distribution of bats from the turbine base included turbine size as a covariate, suggesting the distribution of bats varied across turbine sizes. Therefore, there were multiple TWL adjustments for bats for all plot types. The TWL area adjustment for bats at 100-m roads and pads ranged between 0.07 and 0.13 (Table 11). The TWL adjustment for bats at 70-m cleared and uncleared plots ranged between 0.84 and 0.91 (Table 11). The TWL adjustment for bats B).

Blade				-	-	
Length	Season	Plot Type	Distribution	Parameter 1	Parameter 2	Area Adjustment
50m	spring	100-m road/pad	Rayleigh	36.9345	_	0.07
	fall	100-m road/pad	Rayleigh	36.9345	-	0.07
5011	fall	70-m cleared	Rayleigh	36.9345	-	0.85
	fall	70-m uncleared	Rayleigh	36.9345	_	0.84
	spring	100-m road/pad	normal	40.1125	21.9069	0.13
57m	fall	100-m road/pad	normal	40.1125	21.9069	0.13
5711	fall	70-m cleared	normal	40.1125	21.9069	0.91
	fall	70-m uncleared	normal	40.1125	21.9069	0.91
	spring	100-m road/pad	Gompertz	0.0444	0.0027	0.07
68m	spring	90-m cleared	Gompertz	0.0444	0.0027	0.97
0011	fall	100-m road/pad	Gompertz	0.0444	0.0027	0.07
	fall	90-m cleared	Gompertz	0.0444	0.0027	0.98
	spring	100-m road/pad	normal	47.6284	21.6663	0.07
75.00	spring	90-m cleared	normal	47.6284	21.6663	0.98
75m	fall	100-m road/pad	normal	47.6284	21.6663	0.07
	fall	90-m cleared	normal	47.6284	21.6663	0.96

Table 11. Truncated weighted maximum likelihood search area adjustment estimates for the
Timber Road Wind Farm, Paulding County, Ohio, from April 1 – May 15 and August 1 –
October 16, 2021.

Sample sizes by blade length, 50 meters (m; Timber Road II Wind Farm) n = 258, 57 m (Timber Road III Wind Farm) n = 372, 68 m (Timber Road IV Wind Farm [TR-IV]) n = 166, 75 m (TR-IV) n = 395.

Indiana Bat and Northern Long-eared Bat Take Estimates

Evidence of Absence Framework

Zero Covered Species carcasses were found during the study in 2021. One Indiana bat and zero northern long-eared bats have been found to date under the ITP. The annual probability of detection (*g*) distribution in 2021 had a mean of 0.33 (90% CI: 0.32–0.34; Table 12). Inputs required to run the EoA Single Class module and stratum-specific *g* distribution values and inputs required for the Multiple Class module are described in Appendix C.

Year	Ba ^a	Bb ¹	ρ²	g	95% Confidence Intervals
2020	323.42	1417.48	0.89	0.19	0.17–0.2
2021	2632.55	5422.38	1.00	0.33	0.32-0.34
Short-term Trigger (Last 3 Years)	1864.04	5294.18	NA	0.26	0.25-0.27
Long-term Trigger (Cumulative)	1864.04	5294.18	NA	0.26	0.25-0.27

Table 12. Annual and overall probabilities of detection (g), Ba, Bb, and p for the Timber Road Wind Farm, Paulding County, Ohio from 2020 – 2021.

^{1.} Ba and Bb are the parameters for the beta distribution used to characterize the probability of detection. The g value is the mean of that distribution.

^{2.} p is the weight in the weighted average used to combine the probability of detection distributions across years. 2020 received a lower weight than 2021 because risk to Indiana and northern long-eared bat only occurred during fall of 2020, representing 89% of total risk compared to 2021.

Adaptive Management—Evidence of Absence Short-term Trigger

Mean annual take rate was 2.88 (95% CI = 0.21–8.98) Indiana bats per year and 0.96 (95% CI = less than 0.01–4.82) northern long-eared bat per year from April 1 – May 15 and August 1 – October 16, 2021 (Table 12). The expected average annual take rate reported in the HCP is 10.8 Indiana bats per year and 2.5 northern long-eared bats per year. The short-term trigger assesses the probability the estimated take rate exceeded the expected take rate, $Pr(\lambda > \tau)$. At a 90% confidence level ($\alpha = 0.1$), $Pr(\lambda > \tau)$ must be greater than or equal to 0.90 for the short-term trigger to fire. For Indiana bat, $Pr(\lambda > \tau) = 0.01$ and northern long-eared bat, $Pr(\lambda > \tau) = 0.11$ (Table 13). Neither probability meets or exceeds 0.90, indicating the short-term trigger was not met and no adaptive management actions are necessary (Table 13, Figure 8).

Table 13. Probability the estimated take rates exceeded the expected take rates of 10.8 Indiana bats per year and 2.5 northern long-eared bats per year at Timber Road Wind Farm, Paulding County, Ohio, from April 1 – May 15 and August 1 – October 16, 2021.

Species	Mean λ (95% Cl)	Expected Take Rate ($ au$)	Pr(λ > τ)*	Short-term trigger fires at α = 0.1?
Indiana bat	2.88 (0.21-8.98)	10.8	0.01	No
Northern long-eared bat	0.96 (<0.01-4.82)	2.5	0.11	No

* $Pr(\lambda > \tau)$ reads, "the probability that λ (the annual take rate) is greater than τ (the expected annual take rate based on the total permitted take, used as a threshold for adaptive management)." If this probability is less than 0.90 (e.g., $\alpha = 0.1$ for a one-sided test), then no adaptive management is necessary because there is not sufficient evidence that the estimated annual take rate is greater than the expected annual take rate.

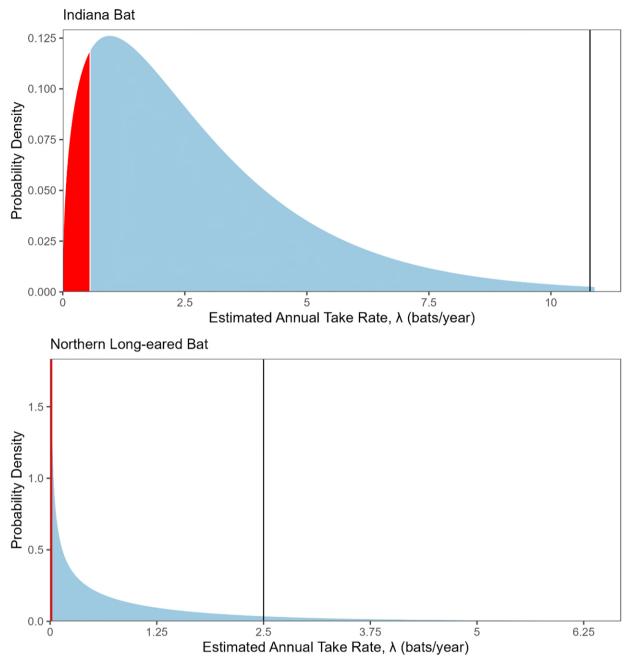


Figure 8. Estimated annual take rate (λ) of bats per year at the Timber Road Wind Farm, Paulding County, Ohio, from April 1 – May 15 and August 1 – October 16, 2021.

Note: The red region of the posterior distributions shows the region of the lower 10% quantile of the distributions (red region may not be visible when the posterior distribution is skewed heavily toward zero). The vertical line marks the expected take rate. The short-term trigger evaluates whether the vertical line falls within or to the left of the red region of the posterior distributions. For both species, the short-term trigger is not met because the vertical line (expected take rate) is not within or to the left of the red regions. In other words, the probability that estimated take rate is greater than the expected take rate does not exceed 90%.

Adaptive Management—Evidence of Absence Long-term Trigger

Cumulative take under the ITP to-date (2020-2021), M^* at $\alpha = 0.5$ (50th credible bound), is estimated to be four Indiana bats and zero northern long-eared bat (Table 14). These values fall below the total permitted take for each species (276 Indiana bats and 64 northern long-eared bats over the 30-year permit term). The long-term trigger was not met and TRWF is in compliance for both species because $M^* < T$ for both species. Therefore, an avoidance response is not necessary.

Table 14. Cumulative take estimate to date (years 1-2 of the ITP) using Evidence of Absence for
studies conducted at Timber Road Wind Farm, Paulding County, Ohio, from 2020 and 2021.

Species	Cumulative take (M*)	Permitted take (Long-term trigger T) fires at α = 0.5?
Indiana bat (50 th credible bound)	4	276	No
northern long-eared bat (50 th credible bound)	0	64	No

CONCLUSIONS

The post-construction monitoring effort completed in 2021 was consistent with the HCP's monitoring requirement and the TRWF 2021 study plan. No Covered Species carcasses were found despite a high probability of detection in 2021. Estimates of potential take for the Covered Species were below the levels authorized by the ITP and no adaptive management was necessary.

REFERENCES

- Burnham, K. P. and D. R. Anderson. 2002. Model Selection and Multimodel Inference: A Practical Information-Theoretic Approach. Second Edition. Springer, New York, New York.
- Dalthorp, D. and M. Huso. 2015. A Framework for Decision Points to Trigger Adaptive Management Actions in Long-Term Incidental Take Permits. US Geological Survey Open-File Report 2015-1227. 88 pp. doi: 10.3133/ofr20151227. Available online: <u>https://pubs.usgs.gov/of/2015/1227/ofr20151227.pdf</u>
- Dalthorp, D., M. M. P. Huso, and D. Dail. 2017. Evidence of Absence (V2.0) Software User Guide. US Geological Survey (USGS) Data Series 1055. USGS, Reston, Virginia. 109 pp. doi: 10.3133/ds1055. Available online: <u>https://pubs.usgs.gov/ds/1055/ds1055.pdf</u>
- Dalthorp, D. H., L. Madsen, M. M. Huso, P. Rabie, R. Wolpert, J. Studyvin, J. Simonis, and J. M. Mintz. 2018. GenEst Statistical Models—a Generalized Estimator of Mortality. US Geological Survey Techniques and Methods, Volume 7, Chapter A2. 13 pp. doi: 10.3133/tm7A2. Available online: <u>https://pubs.usgs.gov/tm/7a2/tm7a2.pdf</u>
- Esri. 2021. World Imagery and Aerial Photos (World Topo). ArcGIS Resource Center. Environmental Systems Research Institute (Esri), producers of ArcGIS software, Redlands, California. Accessed December 2021. Available online: <u>https://www.arcgis.com/home/webmap/viewer.html?useExisting</u> =1&layers=10df2279f9684e4a9f6a7f08febac2a9
- Helfers, F. 2017. The Nose Work Handler Foundation to Finesse. Dogwise Publishing, Wenatchee, WA. 144 pp.
- Huso, M., D. Dalthorp, and F. Korner-Nievergelt. 2017. Statistical Principles of Post-Construction Fatality Monitoring Design. Pp. In: M. Perrow, ed. Wildlife and Wind Farms, Conflicts and Solutions. Pelagic Publishing, Exeter, United Kingdom. Vol. 2, Onshore: Monitoring and Mitigation.
- Kalbfleisch, J. D. and R. L. Prentice. 2002. The Statistical Analysis of Failure Time Data. John Wiley & Sons, Hoboken, New Jersey.
- Kay, D. 2012. Super Sniffer Drill Book a Workbook for Training Detector Dogs. Coveran Publishing House, 86 pp.
- Khokan, M. R., W. Bari, and J. A. Khan. 2013. Weighted Maximum Likelihood Approach for Robust Estimation: Weibull Model. Dhaka University Journal of Science 61(2): 153-156.
- National Land Cover Database (NLCD). 2019. National Land Cover Database 2019 Landcover & Imperviousness (NIcd2019). Available online: <u>https://www.mrlc.gov/data</u>. *As cited* includes:

Homer, C., J. Dewitz, S. Jin, G. Xian, C. Costello, P. Danielson, L. Gass, M. Funk, J. Wickham, S. Stehman, R. Auch, and K. Riitters. 2020. Conterminous United States Land Cover Change Patterns 2001–2016 from the 2016 National Land Cover Database. ISPRS Journal of Photogrammetry and Remote Sensing 162(5): 184-199. doi: 10.1016/j.isprsjprs.2020.02.019.

Jin, S., C. Homer, L. Yang, P. Danielson, J. Dewitz, C. Li, Z. Zhu, G. Xian, and D. Howard. 2019. Overall Methodology Design for the United States National Land Cover Database 2016 Products. Remote Sensing. 2971. doi: 10.3390/rs11242971.

Wickham, J., S. V. Stehman, D. G. Sorenson, L. Gass, and J. A. Dewitz. 2021, Thematic Accuracy Assessment of the NLCD 2016 Land Cover for the Conterminous United States: Remote Sensing of Environment 257: 112357. doi: 10.1016/j.rse.2021.112357

and

Yang, L., S. Jin, P. Danielson, C. Homer, L. Gass, S. M. Bender, A. Case, C. Costello, J. Dewitz, J. Fry, M. Funk, B. Granneman, G. C. Liknes, M. Rigge, and G. Xian. 2018. A New Generation of the United States National Land Cover Database: Requirements, Research Priorities, Design, and Implementation Strategies. ISPRS Journal of Photogrammetry and Remote Sensing 146: 108-123. doi: 10.1016/j.isprsjprs.2018.09.006.

North American Datum (NAD). 1983. NAD83 Geodetic Datum.

- R Development Core Team. 2016. R: A Language and Environment for Statistical Computing. R Foundation for Statistical Computing, Vienna, Austria. Available online: <u>http://www.R-project.org/</u>
- Yee, T. W. 2015. Vector Generalized Linear and Additive Models: With an Implementation in R. Springer New York,

Appendix A. Carcasses found during the 2021 Post-construction Monitoring Surveys at the Timber Road Wind Farm

Appendix A. Carcasses found at the Timber Road Wind Farm, Paulding County, Ohio, from April 1 – May 15 and August 1 – October 16, 2021.

Found		Distance	_	-		Physical	Aided
Date	Species	from Turbine	Turbine	Search Type	Search Area Type	Condition	Search
Bat Carcas	ses						
	eastern red bat	39	428	carcass search	weekly road and pad	scavenged	no
04/07/2021	eastern red bat	55	404	carcass search	3-day 90-m cleared plot	intact	yes
	eastern red bat	46	326	carcass search	weekly road and pad	intact	no
04/08/2021	eastern red bat	40	340	carcass search**	weekly road and pad	scavenged	no
04/08/2021	eastern red bat	38	424	carcass search	3-day 90-m cleared plot	intact	yes
04/10/2021	eastern red bat	11	404	carcass search	3-day 90-m cleared plot	intact	yes
	silver-haired bat	79	411	carcass search	3-day 90-m cleared plot	intact	yes
04/13/2021	eastern red bat	88	402	carcass search	3-day 90-m cleared plot	scavenged	yes
04/13/2021	hoary bat	34	405	carcass search	daily 90-m cleared plot	intact	no
•	eastern red bat	72	420	carcass search	3-day 90-m cleared plot	intact	yes
04/15/2021	silver-haired bat	65	407	incidental	3-day 90-m cleared plot	intact	yes
	eastern red bat	70	424	carcass search	3-day 90-m cleared plot	scavenged	yes
	eastern red bat	32	416	carcass search	daily 90-m cleared plot	scavenged	no
04/27/2021	silver-haired bat	72	410	carcass search	daily 90-m cleared plot	intact	no
	silver-haired bat	23	420	carcass search	3-day 90-m cleared plot	intact	yes
	eastern red bat	11	411	carcass search	3-day 90-m cleared plot	intact	yes
04/28/2021		5	403	carcass search	3-day 90-m cleared plot	intact	yes
04/28/2021	.	76	411	carcass search	3-day 90-m cleared plot	intact	yes
04/28/2021	silver-haired bat	87	410	carcass search	daily 90-m cleared plot	intact	no
	silver-haired bat	12	420	carcass search	3-day 90-m cleared plot	intact	yes
	eastern red bat	25	404	carcass search	3-day 90-m cleared plot	intact	yes
	silver-haired bat	29	423	carcass search	daily 90-m cleared plot	intact	no
05/04/2021		28	404	carcass search	3-day 90-m cleared plot	scavenged	yes
	silver-haired bat	72	402	carcass search	3-day 90-m cleared plot	intact	yes
	silver-haired bat	48	402	carcass search	3-day 90-m cleared plot	dismembered	yes
	silver-haired bat	46	411	carcass search	3-day 90-m cleared plot	intact	yes
	silver-haired bat	100	419	carcass search**	3-day 90-m cleared plot	scavenged	yes
05/05/2021	silver-haired bat	39	424	carcass search	3-day 90-m cleared plot	intact	yes
	eastern red bat	67	415	carcass search	3-day 90-m cleared plot	intact	yes
05/11/2021	silver-haired bat	46	415	carcass search	3-day 90-m cleared plot	intact	yes
	silver-haired bat	40	423	carcass search	daily 90-m cleared plot	intact	no
	eastern red bat	12	202	incidental	twice per week 70-m uncleared plot		yes
07/30/2021	eastern red bat	7	333	incidental	twice per week 70-m uncleared plot	scavenged	yes
	unidentified non-myotis	30	403	carcass search	3-day 90-m cleared plot	scavenged	yes
00/01/2021	big brown bat	59	208	carcass search	twice per week 70-m uncleared plot	bapanavena	yes

Appendix A. Carcasses found at the Timber Road Wind Farm, Paulding County, Ohio, from April 1 – May 15 and August 1 – October 16, 2021.

DateSpeciesfrom TurbineTurbineSearch <th< th=""><th>Found</th><th></th><th>Distance</th><th></th><th></th><th></th><th>Physical</th><th>Aided</th></th<>	Found		Distance				Physical	Aided
08/01/2021eastern red bat8328incidentaltwice per week 70-m uncleared plotscavengedyes08/01/2021eastern red bat31402carcass search3-day 90-m cleared plotintactyes08/01/2021eastern red bat74402carcass search3-day 90-m cleared plotintactyes08/01/2021hoary bat7419incidentaltwice per week 70-m uncleared plotscavengedyes08/01/2021hoary bat7419incidentaltwice per week 70-m uncleared plotscavengedyes08/01/2021hoary bat7230carcass searchtwice per week 70-m uncleared plotscavengedyes08/02/2021big brown bat25345carcass searchtwice per week 70-m uncleared plotscavengedyes08/02/2021eastern red bat1345carcass searchtwice per week 70-m uncleared plotscavengedyes08/02/2021eastern red bat10241carcass searchtwice per week 70-m uncleared plotintactyes08/02/2021hoary bat56313carcass searchtwice per week 70-m uncleared plotintactyes08/02/2021hoary bat56313carcass searchtwice per week 70-m uncleared plotintactyes08/02/2021hoary bat56313carcass searchtwice per week 70-m uncleared plotintactyes08/02/2021hoary bat6408carcass search	Date	Species	from Turbine	Turbine	Search Type	Search Area Type	Condition	Search
08/01/2021eastern red bat38338incidentaltwice per week 70-m uncleared plotinatctyes08/01/2021eastern red bat74402carcass search3-day 90-m cleared plotinatctyes08/01/2021hoary bat7419incidentaltwice per week 70-m uncleared plotscavengedyes08/01/2021big brown bat7230carcass searchtwice per week 70-m uncleared plotscavengedyes08/02/2021big brown bat25345carcass searchtwice per week 70-m uncleared plotscavengedyes08/02/2021big brown bat25345carcass searchtwice per week 70-m uncleared plotscavengedyes08/02/2021eastern red bat1345carcass searchtwice per week 70-m uncleared plotscavengedyes08/02/2021eastern red bat1345carcass searchtwice per week 70-m uncleared plotscavengedyes08/02/2021eastern red bat10241carcass searchtwice per week 70-m uncleared plotscavengedyes08/02/2021hoary bat10241carcass searchtwice per week 70-m uncleared plotscavengedyes08/02/2021hoary bat56313carcass searchtwice per week 70-m uncleared plotscavengedyes08/02/2021hoary bat50315carcass searchtwice per week 70-m uncleared plotscavengedyes08/02/2021hoary bat	08/01/2021	big brown bat	54	214	carcass search	twice per week 70-m uncleared plot	scavenged	yes
08/01/2021eastern red bat31402carcass search3-day 90-m cleared plotintactyes08/01/2021heary bat18345incidentaltwice per week road and padscavengedyes08/01/2021heary bat7419incidentaltwice per week road and padscavengedno08/02/2021big brown bat7230carcass search***twice per week road and padscavengedyes08/02/2021big brown bat25345carcass searchtwice per week road and padscavengedyes08/02/2021eastern red bat2303carcass search3-day 90-m cleared plotscavengedyes08/02/2021eastern red bat1345carcass searchtwice per week 70-m uncleared plotscavengedyes08/02/2021eastern red bat50407carcass search3-day 90-m cleared plotintactyes08/02/2021heart plotscavengedyesyesyesyesyesyes08/02/2021heart plotscavengedyes <t< td=""><td>08/01/2021</td><td>eastern red bat</td><td></td><td></td><td>incidental</td><td>twice per week 70-m uncleared plot</td><td>scavenged</td><td>yes</td></t<>	08/01/2021	eastern red bat			incidental	twice per week 70-m uncleared plot	scavenged	yes
08/01/2021eastern red bat74402carcass search3-daý 90-m cleared plotintactýes08/01/2021hoary bat7419incidentaltwice per week 70-m uncleared plotscavengedno08/02/2021big brown bat7230carcass search**twice per week 70-m uncleared plotscavengedno08/02/2021big brown bat25345carcass searchtwice per week 70-m uncleared plotscavengedyes08/02/2021big brown bat25345carcass searchtwice per week 70-m uncleared plotscavengedyes08/02/2021eastern red bat1345carcass searchtwice per week 70-m uncleared plotscavengedyes08/02/2021eastern red bat1345carcass searchtwice per week 70-m uncleared plotscavengedyes08/02/2021eastern red bat10241carcass searchtwice per week 70-m uncleared plotscavengedyes08/02/2021hoary bat10241carcass searchtwice per week 70-m uncleared plotscavengedyes08/02/2021hoary bat20315carcass searchtwice per week 70-m uncleared plotscavengedyes08/02/2021hoary bat20315carcass searchtwice per week 70-m uncleared plotscavengedyes08/02/2021hoary bat6408carcass searchtwice per week 70-m uncleared plotscavengedyes08/02/2021hoary bat					incidental	twice per week 70-m uncleared plot	scavenged	yes
08/01/2021 hoary bat18345incidentaltwice per week 70-m uncleared plotscavengedyes08/01/2021 hoary bat7419incidentaltwice per week road and padscavengedno08/02/2021 big brown bat34311carcass search**twice per week road and padscavengedyes08/02/2021 big brown bat25345carcass searchtwice per week road and padscavengedyes08/02/2021 eastern red bat2303carcass searchtwice per week road and padscavengedyes08/02/2021 eastern red bat1345carcass searchtwice per week road and padscavengedyes08/02/2021 eastern red bat1345carcass searchtwice per week 70-m uncleared plotscavengedyes08/02/2021 hoary bat10241carcass searchtwice per week 70-m uncleared plotscavengedyes08/02/2021 hoary bat49311carcass searchtwice per week 70-m uncleared plotscavengedyes08/02/2021 hoary bat20315carcass searchtwice per week 70-m uncleared plotscavengedyes08/02/2021 hoary bat38345carcass searchtwice per week 70-m uncleared plotscavengedyes08/02/2021 hoary bat30414carcass search3-day 90-m cleared plotintactyes08/02/2021 hoary bat31416carcass search3-day 90-m cleared plotintactyes08/02/2021 hoary bat31<					carcass search			yes
08/01/2021 hogry bat7419incidentaltwice per week road and padscavengedno08/02/2021 big brown bat34311carcass search**twice per week road and padscavengedyes08/02/2021 big brown bat25345carcass searchtwice per week 70-m uncleared plotscavengedyes08/02/2021 eastern red bat2303carcass searchscavengedyes08/02/2021 eastern red bat1345carcass searchtwice per week 70-m uncleared plotscavengedyes08/02/2021 eastern red bat10241carcass searchtwice per week 70-m uncleared plotscavengedyes08/02/2021 hoary bat10241carcass searchtwice per week 70-m uncleared plotscavengedyes08/02/2021 hoary bat10241carcass searchtwice per week 70-m uncleared plotscavengedyes08/02/2021 hoary bat20315carcass searchtwice per week 70-m uncleared plotscavengedyes08/02/2021 hoary bat38345carcass searchtwice per week 70-m uncleared plotscavengedyes08/02/2021 hoary bat30414carcass searchtwice per week 70-m uncleared plotintactyes08/02/2021 hoary bat30414carcass searchtwice per week 70-m uncleared plotintactyes08/02/2021 hoary bat31416carcass searchtwice per week 70-m uncleared plotintactyes08/02/2021 hoary bat31 <td>08/01/2021</td> <td>eastern red bat</td> <td></td> <td>402</td> <td>carcass search</td> <td></td> <td></td> <td>yes</td>	08/01/2021	eastern red bat		402	carcass search			yes
08/02/2021 big brown bat7230carcass search**twice per week road and padscavengedyes08/02/2021 big brown bat25345carcass searchtwice per week 70-m uncleared plotscavengedyes08/02/2021 eastern red bat2303carcass search3-day 90-m cleared plotscavengedyes08/02/2021 eastern red bat1345carcass searchtwice per week 70-m uncleared plotscavengedyes08/02/2021 eastern red bat50407carcass searchtwice per week 70-m uncleared plotscavengedyes08/02/2021 eastern red bat50407carcass searchtwice per week 70-m uncleared plotscavengedyes08/02/2021 hoary bat10241carcass searchtwice per week 70-m uncleared plotscavengedyes08/02/2021 hoary bat56313carcass searchtwice per week 70-m uncleared plotscavengedyes08/02/2021 hoary bat20315carcass searchtwice per week 70-m uncleared plotscavengedyes08/02/2021 hoary bat6408carcass searchtwice per week 70-m uncleared plotscavengedyes08/02/2021 hoary bat6408carcass searchtwice per week 70-m uncleared plotintactyes08/02/2021 hoary bat31416carcass searchtwice per week 70-m uncleared plotintactyes08/02/2021 hoary bat33241carcass searchtwice per week 70-m uncleared plotintactyes				345	incidental	twice per week 70-m uncleared plot	scavenged	yes
08/02/2021 big brown bat34311carcass searchtwice per week 70-m uncleared plotscavengedyes08/02/2021 big brown bat18423carcass search3-day 90-m cleared plotscavengedyes08/02/2021 eastern red bat1345carcass search3-day 90-m cleared plotscavengedyes08/02/2021 eastern red bat1345carcass searchtwice per week 70-m uncleared plotscavengedyes08/02/2021 eastern red bat10241carcass search3-day 90-m cleared plotscavengedyes08/02/2021 hoary bat10241carcass searchtwice per week 70-m uncleared plotscavengedyes08/02/2021 hoary bat20315carcass searchtwice per week 70-m uncleared plotscavengedyes08/02/2021 hoary bat20315carcass searchtwice per week 70-m uncleared plotscavengedyes08/02/2021 hoary bat38345carcass searchtwice per week 70-m uncleared plotscavengedyes08/02/2021 hoary bat49407carcass search3-day 90-m cleared plotintactyes08/02/2021 hoary bat31416carcass search3-day 90-m cleared plotintactyes08/02/2021 hoary bat31416carcass search3-day 90-m cleared plotintactyes08/02/2021 hoary bat31416carcass search3-day 90-m cleared plotintactyes08/02/2021 hoary bat32carcass search	08/01/2021	hoary bat			incidental	twice per week road and pad	scavenged	no
08/02/2021 big brown bat25345carcass searchtwice per week 70-m uncleared plotscavengedyes08/02/2021 eastern red bat1345carcass search3-day 90-m cleared plotscavengedyes08/02/2021 eastern red bat1345carcass search3-day 90-m cleared plotscavengedyes08/02/2021 eastern red bat50407carcass search3-day 90-m cleared plotscavengedyes08/02/2021 hoary bat10241carcass search3-day 90-m cleared plotscavengedyes08/02/2021 hoary bat56313carcass searchtwice per week 70-m uncleared plotscavengedyes08/02/2021 hoary bat20315carcass searchtwice per week 70-m uncleared plotscavengedyes08/02/2021 hoary bat38345carcass searchtwice per week 70-m uncleared plotscavengedyes08/02/2021 hoary bat30414carcass searchtwice per week 70-m uncleared plotintactyes08/02/2021 hoary bat30414carcass search3-day 90-m cleared plotintactyes08/02/2021 hoary bat31416carcass search3-day 90-m cleared plotintactyes08/02/2021 hoary bat3242carcass search3-day 90-m cleared plotintactyes08/02/2021 hoary bat31416carcass search3-day 90-m cleared plotintactyes08/02/2021 hoary bat3222carcass search <td< td=""><td>08/02/2021</td><td>big brown bat</td><td>7</td><td>230</td><td>carcass search**</td><td>twice per week road and pad</td><td>scavenged</td><td>no</td></td<>	08/02/2021	big brown bat	7	230	carcass search**	twice per week road and pad	scavenged	no
08/02/2021big brown bat18423carcass search3-day 90-m cleared plotscavengedyes08/02/2021eastern red bat1345carcass searchtwice per week 70-m uncleared plotscavengedyes08/02/2021eastern red bat50407carcass searchtwice per week 70-m uncleared plotintactyes08/02/2021hoary bat10241carcass searchtwice per week 70-m uncleared plotintactyes08/02/2021hoary bat56313carcass searchtwice per week 70-m uncleared plotscavengedyes08/02/2021hoary bat56313carcass searchtwice per week 70-m uncleared plotscavengedyes08/02/2021hoary bat20315carcass searchtwice per week 70-m uncleared plotscavengedyes08/02/2021hoary bat38345carcass searchtwice per week 70-m uncleared plotintactyes08/02/2021hoary bat6408carcass searchtwice per week 70-m uncleared plotintactyes08/02/2021hoary bat30414carcass searchtwice per week 70-m uncleared plotintactyes08/02/2021hoary bat31416carcass searchtwice per week 70-m uncleared plotintactyes08/02/2021hoary bat31416carcass searchtwice per week 70-m uncleared plotscavengedyes08/02/2021hoary bat31416carca	08/02/2021	big brown bat	34	311	carcass search	twice per week 70-m uncleared plot	scavenged	yes
08/02/2021eastern red bat2303carcass searchtwice per week 70-m uncleared plotscavengedyes08/02/2021eastern red bat1345carcass searchscavengedyes08/02/2021eastern red bat50407carcass search3-day 90-m cleared plotscavengedyes08/02/2021hoary bat10241carcass searchtwice per week 70-m uncleared plotscavengedyes08/02/2021hoary bat49311carcass searchtwice per week 70-m uncleared plotscavengedyes08/02/2021hoary bat20315carcass searchtwice per week 70-m uncleared plotscavengedyes08/02/2021hoary bat20315carcass searchtwice per week 70-m uncleared plotscavengedyes08/02/2021hoary bat38345carcass searchtwice per week 70-m uncleared plotscavengedyes08/02/2021hoary bat6408carcass searchtwice per week 70-m uncleared plotintactyes08/02/2021hoary bat31416carcass search3-day 90-m cleared plotintactyes08/02/2021hoary bat31416carcass searchtwice per week 70-m uncleared plotintactyes08/02/2021hoary bat32241carcass searchtwice per week 70-m uncleared plotintactyes08/02/2021hoary bat32241carcass searchtwice per week 70-m uncleared	08/02/2021	big brown bat			carcass search	twice per week 70-m uncleared plot	scavenged	yes
08/02/2021eastern red bat1345carcass searchtwice per week 70-m uncleared plotscavengedyes08/02/2021hoary bat10241carcass searchtwice per week 70-m uncleared plotscavengedyes08/02/2021hoary bat49311carcass searchtwice per week 70-m uncleared plotscavengedyes08/02/2021hoary bat56313carcass searchtwice per week 70-m uncleared plotscavengedyes08/02/2021hoary bat20315carcass searchtwice per week 70-m uncleared plotscavengedyes08/02/2021hoary bat38345carcass searchtwice per week 70-m uncleared plotintactyes08/02/2021hoary bat6408carcass searchtwice per week 70-m uncleared plotintactyes08/02/2021hoary bat6408carcass searchtwice per week 70-m uncleared plotintactyes08/02/2021hoary bat30414carcass search3-day 90-m cleared plotintactyes08/02/2021hoary bat31416carcass search3-day 90-m cleared plotintactyes08/02/2021hoary bat31416carcass searchtwice per week 70-m uncleared plotscavengedyes08/02/2021hoary bat31416carcass search3-day 90-m cleared plotintactyes08/02/2021hoary bat31416carcass searchtwice per week	08/02/2021	big brown bat	18	423	carcass search	3-day 90-m cleared plot	scavenged	yes
08/02/2021eastern red bat50407carcass search3-day 90-m cleared plotintactyes08/02/2021hoary bat10241carcass searchtwice per week 70-m uncleared plotscavengedyes08/02/2021hoary bat49311carcass searchtwice per week 70-m uncleared plotscavengedyes08/02/2021hoary bat20315carcass searchtwice per week 70-m uncleared plotscavengedyes08/02/2021hoary bat20315carcass searchtwice per week 70-m uncleared plotscavengedyes08/02/2021hoary bat38345carcass searchtwice per week 70-m uncleared plotscavengedyes08/02/2021hoary bat6408carcass searchtwice per week 70-m uncleared plotintactyes08/02/2021hoary bat30414carcass search3-day 90-m cleared plotintactyes08/02/2021hoary bat31416carcass search3-day 90-m cleared plotintactyes08/02/2021silver-haired bat33241carcass searchtwice per week 70-m uncleared plotscavengedyes08/03/2021hoary bat14329carcass searchtwice per week 70-m uncleared plotscavengedyes08/03/2021hoary bat14329carcass searchtwice per week 70-m uncleared plotscavengedyes08/03/2021hoary bat14329carcass search <td< td=""><td>08/02/2021</td><td>eastern red bat</td><td>2</td><td>303</td><td>carcass search</td><td>twice per week 70-m uncleared plot</td><td>scavenged</td><td>yes</td></td<>	08/02/2021	eastern red bat	2	303	carcass search	twice per week 70-m uncleared plot	scavenged	yes
08/02/2021 hoary bat10241carcass search carcass searchtwice per week 70-m uncleared plot scavenged twice per week 70-m uncleared plot scavenged yes08/02/2021 hoary bat56313carcass search carcass searchtwice per week 70-m uncleared plot scavenged twice per week 70-m uncleared plot scavenged yes08/02/2021 hoary bat20315carcass search carcass searchtwice per week 70-m uncleared plot scavenged twice per week 70-m uncleared plot scavenged yes08/02/2021 hoary bat38345carcass search carcass search3-day 90-m cleared plot tace per week 70-m uncleared plot twice per week 70-m uncleared plotintact yes08/02/2021 hoary bat30414 carcass searchcarcass search 3-day 90-m cleared plotintact intactyes08/02/2021 hoary bat31416 carcass searchcarcass search 3-day 90-m cleared plotintact intactyes08/02/2021 hoary bat31416 carcass searchcarcass search twice per week 70-m uncleared plot twice per week 70-m uncleared plot scavengedyes08/03/2021 hoary bat42329 carcass searchcarcass search twice per week 70-m uncleared plot twice per week 70-m uncleared plot scavengedyes08/03/2021 hoary bat42329 carcass searchtwice per week 70-m uncleared plot twice per week 70-m uncleared plot scavengedyes08/03/2021 hoary bat42329 carcass searchtwice per week 70-m uncleared plot twice per week 70-m uncleared plot scavengedyes08/05/2021 eastern red bat </td <td>08/02/2021</td> <td>eastern red bat</td> <td>1</td> <td>345</td> <td>carcass search</td> <td>twice per week 70-m uncleared plot</td> <td>scavenged</td> <td>yes</td>	08/02/2021	eastern red bat	1	345	carcass search	twice per week 70-m uncleared plot	scavenged	yes
08/02/2021 hoary bat49311carcass searchtwice per week 70-m uncleared plotscavengedyes08/02/2021 hoary bat20315carcass searchtwice per week 70-m uncleared plotintactyes08/02/2021 hoary bat38345carcass searchtwice per week 70-m uncleared plotscavengedyes08/02/2021 hoary bat49407carcass searchtwice per week 70-m uncleared plotscavengedyes08/02/2021 hoary bat6408carcass search3-day 90-m cleared plotintactyes08/02/2021 hoary bat30414carcass search3-day 90-m cleared plotintactyes08/02/2021 hoary bat31416carcass search3-day 90-m cleared plotintactyes08/02/2021 hoary bat31416carcass search3-day 90-m cleared plotintactyes08/03/2021 hoary bat32carcass search3-day 90-m cleared plotintactyes08/03/2021 hoary bat42329carcass searchtwice per week 70-m uncleared plotscavengedyes08/03/2021 hoary bat14329carcass searchtwice per week 70-m uncleared plotscavengedyes08/03/2021 hoary bat31343carcass searchtwice per week 70-m uncleared plotscavengedyes08/03/2021 hoary bat31343carcass searchtwice per week 70-m uncleared plotscavengedyes08/05/2021 eastern red bat42403carcass search <td>08/02/2021</td> <td>eastern red bat</td> <td>50</td> <td>407</td> <td>carcass search</td> <td>3-day 90-m cleared plot</td> <td>intact</td> <td>yes</td>	08/02/2021	eastern red bat	50	407	carcass search	3-day 90-m cleared plot	intact	yes
08/02/2021 hoary bat56313carcass searchtwice per week 70-m uncleared plotintactyes08/02/2021 hoary bat38345carcass searchtwice per week 70-m uncleared plotscavengedyes08/02/2021 hoary bat38345carcass search3-day 90-m cleared plotintactyes08/02/2021 hoary bat6408carcass search3-day 90-m cleared plotintactyes08/02/2021 hoary bat30414carcass search3-day 90-m cleared plotintactyes08/02/2021 hoary bat31416carcass search3-day 90-m cleared plotintactyes08/02/2021 hoary bat33241carcass searchtwice per week 70-m uncleared plotscavengedyes08/03/2021 hoary bat14329carcass searchtwice per week 70-m uncleared plotscavengedyes08/03/2021 hoary bat31343carcass searchtwice per week 70-m uncleared plotscavengedyes08/03/2021 hoary bat42403carcass searchtwice per week 70-m uncleared plotscavengedyes08/03/2021 hoary bat55328carcass searchtwice per week 7	08/02/2021	hoary bat	10	241	carcass search	twice per week 70-m uncleared plot	scavenged	yes
08/02/2021 hoary bat20315carcass searchtwice per week 70-m uncleared plotscavengedyes08/02/2021 hoary bat49407carcass search3-day 90-m cleared plotintactyes08/02/2021 hoary bat6408carcass search3-day 90-m cleared plotintactyes08/02/2021 hoary bat30414carcass search3-day 90-m cleared plotintactyes08/02/2021 hoary bat30416carcass search3-day 90-m cleared plotintactyes08/02/2021 hoary bat31416carcass search3-day 90-m cleared plotintactyes08/02/2021 hoary bat31416carcass search3-day 90-m cleared plotintactyes08/03/2021 hoary bat33241carcass search3-day 90-m cleared plotintactyes08/03/2021 hoary bat42329carcass searchtwice per week 70-m uncleared plotscavengedyes08/03/2021 hoary bat14329carcass searchtwice per week 70-m uncleared plotscavengedyes08/03/2021 hoary bat31343carcass searchtwice per week 70-m uncleared plotscavengedyes08/03/2021 hoary bat55328carcass searchtwice per week 70-m uncleared plotscavengedyes08/05/2021 eastern red bat61212carcass search3-day 90-m cleared plotscavengedyes08/06/2021 big brown bat23348carcass search3-day 90-m cle	08/02/2021	hoary bat	49	311	carcass search	twice per week 70-m uncleared plot	scavenged	yes
08/02/2021 hoary bat38345carcass searchtwice per week 70-m uncleared plotscavengedyes08/02/2021 hoary bat6408carcass search3-day 90-m cleared plotintactyes08/02/2021 hoary bat30414carcass search3-day 90-m cleared plotintactyes08/02/2021 hoary bat30414carcass search3-day 90-m cleared plotintactyes08/02/2021 hoary bat31416carcass search3-day 90-m cleared plotintactyes08/02/2021 silver-haired bat33241carcass search3-day 90-m cleared plotintactyes08/03/2021 hoary bat42329carcass searchtwice per week 70-m uncleared plotscavengedyes08/03/2021 hoary bat14329carcass searchtwice per week 70-m uncleared plotscavengedyes08/03/2021 hoary bat31343carcass searchtwice per week 70-m uncleared plotscavengedyes08/03/2021 hoary bat31343carcass searchtwice per week 70-m uncleared plotscavengedyes08/03/2021 silver-haired bat55328carcass search3-day 90-m cleared plotintactyes08/05/2021 eastern red bat61212carcass search3-day 90-m cleared plotscavengedyes08/06/2021 big brown bat23348carcass search3-day 90-m cleared plotscavengedyes08/06/2021 big brown bat23348carcass search	08/02/2021	hoary bat	56	313	carcass search	twice per week 70-m uncleared plot	intact	yes
08/02/2021 hoary bat49407carcass search3-day 90-m cleared plotintactyes08/02/2021 hoary bat6408carcass searchtwice per week road and padintactno08/02/2021 hoary bat30414carcass search3-day 90-m cleared plotintactyes08/02/2021 hoary bat31416carcass search3-day 90-m cleared plotintactyes08/02/2021 silver-haired bat33241carcass search3-day 90-m cleared plotintactyes08/03/2021 hoary bat42329carcass searchtwice per week 70-m uncleared plotscavengedyes08/03/2021 hoary bat14329carcass searchtwice per week 70-m uncleared plotscavengedyes08/03/2021 hoary bat31343carcass searchtwice per week 70-m uncleared plotscavengedyes08/03/2021 hoary bat31343carcass searchtwice per week 70-m uncleared plotscavengedyes08/03/2021 silver-haired bat55328carcass searchtwice per week 70-m uncleared plotintactyes08/05/2021 eastern red bat61212carcass search3-day 90-m cleared plotintactyes08/06/2021 big brown bat23348carcass search3-day 90-m cleared plotscavengedyes08/06/2021 big brown bat23348carcass search3-day 90-m cleared plotscavengedyes08/06/2021 big brown bat23348carcass se	08/02/2021	hoary bat	20	315	carcass search	twice per week 70-m uncleared plot	scavenged	yes
08/02/2021 hoary bat6408carcass searchtwice per week road and padintactno08/02/2021 hoary bat30414carcass search3-day 90-m cleared plotintactyes08/02/2021 hoary bat31416carcass search3-day 90-m cleared plotintactyes08/02/2021 silver-haired bat33241carcass search3-day 90-m cleared plotintactyes08/03/2021 hoary bat42329carcass searchtwice per week 70-m uncleared plotscavengedyes08/03/2021 hoary bat14329carcass searchtwice per week 70-m uncleared plotscavengedyes08/03/2021 hoary bat31343carcass searchtwice per week 70-m uncleared plotscavengedyes08/03/2021 silver-haired bat55328carcass searchtwice per week 70-m uncleared plotscavengedyes08/04/2021 eastern red bat42403carcass searchtwice per week 70-m uncleared plotscavengedyes08/05/2021 eastern red bat61212carcass searchtwice per week 70-m uncleared plotscavengedyes08/06/2021 big brown bat23348carcass search3-day 90-m cleared plotscavengedyes08/06/2021 big brown bat28247carcass searchtwice per week road and padscavengedyes08/06/2021 board bat38327carcass searchtwice per week road and padscavengedyes08/06/2021 hoary bat38<	08/02/2021	hoary bat	38	345	carcass search	twice per week 70-m uncleared plot	scavenged	yes
08/02/2021 hoary bat30414carcass search3-day 90-m cleared plotintactyes08/02/2021 hoary bat31416carcass search3-day 90-m cleared plotintactyes08/02/2021 silver-haired bat33241carcass search3-day 90-m cleared plotintactyes08/03/2021 hoary bat42329carcass searchtwice per week 70-m uncleared plotscavengedyes08/03/2021 hoary bat14329carcass searchtwice per week 70-m uncleared plotscavengedyes08/03/2021 hoary bat31343carcass searchtwice per week 70-m uncleared plotscavengedyes08/03/2021 silver-haired bat55328carcass searchtwice per week 70-m uncleared plotscavengedyes08/04/2021 eastern red bat42403carcass searchtwice per week 70-m uncleared plotintactyes08/05/2021 eastern red bat61212carcass searchtwice per week 70-m uncleared plotscavengedyes08/05/2021 eastern red bat23348carcass searchtwice per week 70-m uncleared plotscavengedyes08/06/2021 big brown bat23348carcass searchtwice per week road and padscavengedno08/06/2021 hoary bat19310carcass search**twice per week road and padscavengedno08/06/2021 hoary bat38327carcass search**twice per week 70-m uncleared plotscavengedno <td>08/02/2021</td> <td>hoary bat</td> <td>49</td> <td>407</td> <td>carcass search</td> <td>3-day 90-m cleared plot</td> <td>intact</td> <td>yes</td>	08/02/2021	hoary bat	49	407	carcass search	3-day 90-m cleared plot	intact	yes
08/02/2021 hoary bat31416carcass search3-day 90-m cleared plotintactyes08/02/2021 silver-haired bat33241carcass searchtwice per week 70-m uncleared plotscavengedyes08/03/2021 hoary bat42329carcass searchtwice per week 70-m uncleared plotscavengedyes08/03/2021 hoary bat14329carcass searchtwice per week 70-m uncleared plotscavengedyes08/03/2021 hoary bat31343carcass searchtwice per week 70-m uncleared plotscavengedyes08/03/2021 silver-haired bat55328carcass searchtwice per week 70-m uncleared plotscavengedyes08/04/2021 eastern red bat42403carcass searchtwice per week 70-m uncleared plotscavengedyes08/05/2021 eastern red bat61212carcass searchtwice per week 70-m uncleared plotscavengedyes08/05/2021 eastern red bat44407carcass searchtwice per week 70-m uncleared plotscavengedyes08/06/2021 big brown bat23348carcass searchtwice per week road and padscavengedno08/06/2021 hoary bat19310carcass searchtwice per week road and padscavengedno08/06/2021 hoary bat38327carcass search**twice per week 70-m uncleared plotscavengedno08/06/2021 hoary bat38327carcass search**twice per week 70-m uncleared plotscavenged <td< td=""><td>08/02/2021</td><td>hoary bat</td><td>6</td><td>408</td><td>carcass search</td><td>twice per week road and pad</td><td>intact</td><td>no</td></td<>	08/02/2021	hoary bat	6	408	carcass search	twice per week road and pad	intact	no
08/02/2021 silver-haired bat33241carcass searchtwice per week 70-m uncleared plotscavengedyes08/03/2021 hoary bat42329carcass searchtwice per week 70-m uncleared plotscavengedyes08/03/2021 hoary bat14329carcass searchtwice per week 70-m uncleared plotscavengedyes08/03/2021 hoary bat31343carcass searchtwice per week 70-m uncleared plotscavengedyes08/03/2021 silver-haired bat55328carcass searchtwice per week 70-m uncleared plotscavengedyes08/04/2021 eastern red bat42403carcass search3-day 90-m cleared plotintactyes08/05/2021 eastern red bat61212carcass search3-day 90-m cleared plotscavengedyes08/05/2021 eastern red bat44407carcass search3-day 90-m cleared plotscavengedyes08/06/2021 big brown bat23348carcass search3-day 90-m cleared plotscavengedyes08/06/2021 eastern red bat28247carcass searchtwice per week road and padscavengedno08/06/2021 hoary bat19310carcass search**twice per week road and padscavengedno08/06/2021 hoary bat38327carcass search**twice per week 70-m uncleared plotscavengedyes08/06/2021 hoary bat38327carcass search**twice per week 70-m uncleared plotscavengedyes08	08/02/2021	hoary bat	30	414	carcass search	3-day 90-m cleared plot	intact	yes
08/03/2021 hoary bat42329carcass searchtwice per week 70-m uncleared plotscavengedyes08/03/2021 hoary bat14329carcass searchtwice per week 70-m uncleared plotscavengedyes08/03/2021 hoary bat31343carcass searchtwice per week 70-m uncleared plotscavengedyes08/03/2021 silver-haired bat55328carcass searchtwice per week 70-m uncleared plotscavengedyes08/03/2021 eastern red bat42403carcass search3-day 90-m cleared plotintactyes08/05/2021 eastern red bat61212carcass search3-day 90-m cleared plotscavengedyes08/05/2021 eastern red bat44407carcass search3-day 90-m cleared plotscavengedyes08/06/2021 big brown bat23348carcass searchtwice per week road and padscavengedno08/06/2021 hoary bat19310carcass searchtwice per week road and padscavengedno08/06/2021 hoary bat38327carcass searchtwice per week 70-m uncleared plotscavengedno	08/02/2021	hoary bat	31	416	carcass search	3-day 90-m cleared plot	intact	yes
08/03/2021 hoary bat14329carcass searchtwice per week 70-m uncleared plotscavengedyes08/03/2021 hoary bat31343carcass searchtwice per week 70-m uncleared plotscavengedyes08/03/2021 silver-haired bat55328carcass searchtwice per week 70-m uncleared plotscavengedyes08/04/2021 eastern red bat42403carcass search3-day 90-m cleared plotintactyes08/05/2021 eastern red bat61212carcass search3-day 90-m cleared plotscavengedyes08/05/2021 eastern red bat44407carcass search3-day 90-m cleared plotscavengedyes08/06/2021 big brown bat23348carcass searchtwice per week road and padscavengedno08/06/2021 eastern red bat28247carcass searchtwice per week road and padscavengedno08/06/2021 hoary bat19310carcass search**twice per week road and padscavengedno08/06/2021 hoary bat38327carcass search**twice per week 70-m uncleared plotscavengedno	08/02/2021	silver-haired bat	33	241	carcass search	twice per week 70-m uncleared plot	scavenged	yes
08/03/2021 hoary bat31343carcass searchtwice per week 70-m uncleared plotscavengedyes08/03/2021 silver-haired bat55328carcass searchtwice per week 70-m uncleared plotscavengedyes08/04/2021 eastern red bat42403carcass search3-day 90-m cleared plotintactyes08/05/2021 eastern red bat61212carcass search3-day 90-m cleared plotscavengedyes08/05/2021 eastern red bat61212carcass search3-day 90-m cleared plotscavengedyes08/05/2021 eastern red bat44407carcass search3-day 90-m cleared plotscavengedyes08/06/2021 big brown bat23348carcass searchtwice per week road and padscavengedno08/06/2021 eastern red bat28247carcass searchtwice per week road and padscavengedno08/06/2021 hoary bat19310carcass search**twice per week road and padscavengedno08/06/2021 hoary bat38327carcass searchtwice per week 70-m uncleared plotscavengedyes	08/03/2021	hoary bat	42	329	carcass search	twice per week 70-m uncleared plot	scavenged	yes
08/03/2021 silver-haired bat55328carcass searchtwice per week 70-m uncleared plotscavengedyes08/04/2021 eastern red bat42403carcass search3-day 90-m cleared plotintactyes08/05/2021 eastern red bat61212carcass search3-day 90-m cleared plotscavengedyes08/05/2021 eastern red bat44407carcass search3-day 90-m cleared plotscavengedyes08/06/2021 big brown bat23348carcass searchtwice per week road and padscavengedno08/06/2021 eastern red bat28247carcass searchtwice per week road and padscavengedno08/06/2021 hoary bat19310carcass search**twice per week road and padscavengedno08/06/2021 hoary bat38327carcass search**twice per week 70-m uncleared plotscavengedyes	08/03/2021	hoary bat	14	329	carcass search	twice per week 70-m uncleared plot	scavenged	yes
08/04/2021 eastern red bat42403carcass search3-day 90-m cleared plotintactyes08/05/2021 eastern red bat61212carcass searchtwice per week 70-m uncleared plotscavengedyes08/05/2021 eastern red bat44407carcass search3-day 90-m cleared plotscavengedyes08/06/2021 big brown bat23348carcass searchtwice per week road and padscavengedno08/06/2021 eastern red bat28247carcass searchtwice per week road and padscavengedno08/06/2021 hoary bat19310carcass search**twice per week road and padscavengedno08/06/2021 hoary bat38327carcass searchtwice per week 70-m uncleared plotscavengedyes	08/03/2021	hoary bat	31	343	carcass search	twice per week 70-m uncleared plot	scavenged	yes
08/05/2021 eastern red bat61212carcass searchtwice per week 70-m uncleared plotscavengedyes08/05/2021 eastern red bat44407carcass search3-day 90-m cleared plotscavengedyes08/06/2021 big brown bat23348carcass searchtwice per week road and padscavengedno08/06/2021 eastern red bat28247carcass searchtwice per week road and padscavengedno08/06/2021 hoary bat19310carcass search**twice per week road and padscavengedno08/06/2021 hoary bat38327carcass searchtwice per week 70-m uncleared plotscavengedyes	08/03/2021	silver-haired bat	55	328	carcass search	twice per week 70-m uncleared plot	scavenged	yes
08/05/2021 eastern red bat44407carcass search3-day 90-m cleared plotscavengedyes08/06/2021 big brown bat23348carcass searchtwice per week road and padscavengedno08/06/2021 eastern red bat28247carcass searchtwice per week road and padscavengedno08/06/2021 hoary bat19310carcass search**twice per week road and padscavengedno08/06/2021 hoary bat38327carcass searchtwice per week road and padscavengedno	08/04/2021	eastern red bat	42	403	carcass search	3-day 90-m cleared plot	intact	yes
08/06/2021 big brown bat23348carcass searchtwice per week road and padscavengedno08/06/2021 eastern red bat28247carcass searchtwice per week road and padscavengedno08/06/2021 hoary bat19310carcass search**twice per week road and padscavengedno08/06/2021 hoary bat38327carcass searchtwice per week road and padscavengedno	08/05/2021	eastern red bat	61	212	carcass search	twice per week 70-m uncleared plot	scavenged	yes
08/06/2021 eastern red bat28247carcass searchtwice per week road and padscavengedno08/06/2021 hoary bat19310carcass search**twice per week road and padscavengedno08/06/2021 hoary bat38327carcass searchtwice per week 70-m uncleared plotscavengedyes	08/05/2021	eastern red bat	44	407	carcass search	3-day 90-m cleared plot	scavenged	yes
08/06/2021 eastern red bat28247carcass searchtwice per week road and padscavengedno08/06/2021 hoary bat19310carcass search**twice per week road and padscavengedno08/06/2021 hoary bat38327carcass searchtwice per week 70-m uncleared plotscavengedyes	08/06/2021	big brown bat	23	348	carcass search	twice per week road and pad	scavenged	•
08/06/2021 hoary bat19310 carcass search**twice per week road and padscavengedno08/06/2021 hoary bat38327 carcass searchtwice per week 70-m uncleared plotscavengedyes		0	28	247	carcass search		•	no
08/06/2021 hoary bat 38 327 carcass search twice per week 70-m uncleared plot scavenged yes	08/06/2021	hoary bat	19	310	carcass search**			no
			38	327	carcass search		•	yes
	08/07/2021	eastern red bat	81	402	carcass search	•	•	yes

Appendix A. Carcasses found at the Timber Road Wind Farm, Paulding County, Ohio, from April 1 – May 15 and August 1 – October 16, 2021.

Found		Distance				Physical	Aided
Date	Species	from Turbine	Turbine	Search Type	Search Area Type	Condition	Search
08/07/2021	hoary bat	47	328	carcass search	twice per week 70-m uncleared plot	scavenged	yes
	eastern red bat	36	347	carcass search	twice per week 70-m uncleared plot	intact	yes
08/08/2021	eastern red bat	50	431	carcass search	3-day 90-m cleared plot	intact	yes
08/08/2021	hoary bat	54	245	carcass search	twice per week 70-m cleared plot	scavenged	yes
08/08/2021	hoary bat	72	302	carcass search**	twice per week 70-m cleared plot	intact	yes
08/08/2021	hoary bat	72	411	carcass search	3-day 90-m cleared plot	intact	yes
08/08/2021	hoary bat	63	411	carcass search	3-day 90-m cleared plot	scavenged	yes
08/08/2021	hoary bat	55	424	carcass search	3-day 90-m cleared plot	scavenged	yes
08/09/2021	big brown bat	3	406	carcass search	twice per week road and pad	scavenged	no
08/09/2021	eastern red bat	5	218	carcass search	twice per week 70-m uncleared plot	scavenged	yes
08/09/2021	eastern red bat	70	219	carcass search	twice per week 70-m uncleared plot	intact	yes
08/09/2021	eastern red bat	33	219	carcass search	twice per week 70-m uncleared plot	scavenged	yes
08/09/2021	eastern red bat	21	219	carcass search	twice per week 70-m uncleared plot	scavenged	yes
08/09/2021	eastern red bat	25	231	carcass search	twice per week 70-m uncleared plot	scavenged	yes
08/09/2021	eastern red bat	18	409	carcass search**	twice per week road and pad	scavenged	no
08/09/2021	eastern red bat	50	429	carcass search	twice per week road and pad	scavenged	no
08/09/2021	evening bat	33	241	carcass search	twice per week 70-m uncleared plot	scavenged	yes
08/09/2021	hoary bat	42	218	carcass search	twice per week 70-m uncleared plot	intact	yes
08/09/2021	hoary bat	26	241	carcass search	twice per week 70-m uncleared plot	intact	yes
08/09/2021	hoary bat	46	313	carcass search	twice per week 70-m uncleared plot	intact	yes
08/09/2021	hoary bat	48	313	carcass search	twice per week 70-m uncleared plot	intact	yes
08/09/2021	hoary bat	28	319	carcass search	twice per week 70-m uncleared plot	intact	yes
08/09/2021	hoary bat	37	414	carcass search	3-day 90-m cleared plot	scavenged	yes
08/09/2021	hoary bat	58	420	carcass search	3-day 90-m cleared plot	scavenged	yes
08/10/2021	big brown bat	43	308	carcass search	twice per week road and pad	scavenged	no
08/10/2021	big brown bat	26	342	carcass search	twice per week 70-m uncleared plot	scavenged	yes
08/10/2021	big brown bat	2	346	carcass search	twice per week 70-m uncleared plot	scavenged	yes
08/10/2021	big brown bat	50	403	carcass search	3-day 90-m cleared plot	scavenged	yes
08/10/2021	eastern red bat	42	250	carcass search	twice per week 70-m uncleared plot	scavenged	yes
08/10/2021	eastern red bat	41	316	incidental	twice per week road and pad	scavenged	no
08/10/2021	eastern red bat	4	330	carcass search	twice per week road and pad	scavenged	no
08/10/2021	eastern red bat	44	331	carcass search	twice per week 70-m uncleared plot	scavenged	yes
08/10/2021	eastern red bat	11	333	carcass search	twice per week 70-m uncleared plot	dismembered	yes
08/10/2021	eastern red bat	10	334	carcass search	twice per week road and pad	intact	no
08/10/2021	eastern red bat	35	338	carcass search	twice per week 70-m uncleared plot	scavenged	yes
00/40/0004	eastern red bat	42	345	carcass search	twice per week 70-m uncleared plot	anavonand	yes

Appendix A. Carcasses found at the Timber Road Wind Farm, Paulding County, Ohio, from April 1 – May 15 and August 1 – October 16, 2021.

Found		Distance	-		-	Physical	Aided
Date	Species	from Turbine	Turbine	Search Type	Search Area Type	Condition	Search
08/10/2021	eastern red bat	8	347	carcass search	twice per week 70-m uncleared plot	intact	yes
	eastern red bat	21	401	carcass search	3-day 90-m cleared plot	scavenged	yes
08/10/2021	eastern red bat	55	402	carcass search	3-day 90-m cleared plot	scavenged	yes
	eastern red bat	13	403	carcass search	3-day 90-m cleared plot	scavenged	yes
08/10/2021	eastern red bat	20	403	carcass search	3-day 90-m cleared plot	scavenged	yes
08/10/2021	eastern red bat	0	403	carcass search	3-day 90-m cleared plot	scavenged	yes
08/10/2021		45	245	carcass search	twice per week 70-m cleared plot	dismembered	yes
08/10/2021		19	317	incidental	twice per week road and pad	scavenged	no
08/10/2021		80	401	carcass search	3-day 90-m cleared plot	scavenged	yes
08/10/2021		59	402	carcass search	3-day 90-m cleared plot	intact	yes
08/10/2021	hoary bat	9	404	carcass search	3-day 90-m cleared plot	scavenged	yes
08/10/2021	silver-haired bat	15	310	carcass search	twice per week road and pad	scavenged	no
08/11/2021	big brown bat	18	407	carcass search	3-day 90-m cleared plot	intact	yes
	eastern red bat	26	410	carcass search	3-day 90-m cleared plot	scavenged	yes
	eastern red bat	18	411	carcass search	3-day 90-m cleared plot	intact	yes
	eastern red bat	45	415	carcass search	3-day 90-m cleared plot	dismembered	yes
08/11/2021		40	410	carcass search	3-day 90-m cleared plot	intact	yes
08/11/2021		33	411	carcass search	3-day 90-m cleared plot	scavenged	yes
08/11/2021	hoary bat	50	411	carcass search	3-day 90-m cleared plot	scavenged	yes
08/11/2021	hoary bat	47	416	carcass search	3-day 90-m cleared plot	intact	yes
08/11/2021	hoary bat	18	423	carcass search	3-day 90-m cleared plot	feather spot	yes
08/12/2021	big brown bat	41	204	carcass search	twice per week 70-m uncleared plot	scavenged	yes
08/12/2021	big brown bat	4	413	carcass search	twice per week road and pad	scavenged	no
08/12/2021	big brown bat	53	421	carcass search	twice per week road and pad	scavenged	no
08/12/2021	eastern red bat	28	204	carcass search	twice per week 70-m uncleared plot	scavenged	yes
	eastern red bat	45	210	carcass search	twice per week 70-m uncleared plot	scavenged	yes
08/12/2021	eastern red bat	74	218	carcass search**	twice per week 70-m uncleared plot	scavenged	yes
08/12/2021	eastern red bat	74	219	carcass search**	twice per week 70-m uncleared plot	scavenged	yes
08/12/2021	eastern red bat	34	302	carcass search	twice per week 70-m cleared plot	scavenged	yes
08/12/2021	eastern red bat	28	329	incidental	twice per week 70-m uncleared plot	intact	yes
08/12/2021	eastern red bat	6	409	carcass search	twice per week road and pad	dismembered	no
08/12/2021	eastern red bat	6	409	carcass search	twice per week road and pad	scavenged	no
08/12/2021	eastern red bat	30	419	carcass search	twice per week road and pad	scavenged	no
08/12/2021	eastern red bat	35	431	carcass search	3-day 90-m cleared plot	scavenged	yes
08/12/2021	hoary bat	45	218	carcass search	twice per week 70-m uncleared plot	scavenged	yes
08/12/2021		55	226	carcass search	twice per week 70-m uncleared plot		yes
	•						-

Appendix A. Carcasses found at the Timber Road Wind Farm, Paulding County, Ohio, from April 1 – May 15 and August 1 – October 16, 2021.

Found		Distance				Physical	Aided
Date	Species	from Turbine	Turbine	Search Type	Search Area Type	Condition	Search
08/12/2021	unidentified non-myotis	11	224	carcass search	twice per week 70-m uncleared plot	scavenged	yes
08/13/2021	big brown bat	35	225	carcass search	twice per week road and pad	intact	no
08/13/2021	big brown bat	6	405	carcass search	3-day 90-m cleared plot	scavenged	yes
08/13/2021	eastern red bat	20	241	carcass search	twice per week 70-m uncleared plot	scavenged	yes
08/13/2021	eastern red bat	3	242	carcass search	twice per week road and pad	intact	no
08/13/2021	eastern red bat	9	243	carcass search**	twice per week road and pad	scavenged	no
08/13/2021	eastern red bat	37	301	carcass search	twice per week 70-m uncleared plot	scavenged	yes
08/13/2021	eastern red bat	11	309	carcass search	twice per week road and pad	scavenged	no
08/13/2021	eastern red bat	65	322	carcass search	twice per week road and pad	scavenged	no
08/13/2021	eastern red bat	13	324	carcass search	twice per week road and pad	scavenged	no
08/13/2021	eastern red bat	61	325	carcass search	twice per week 70-m cleared plot	scavenged	yes
08/13/2021	eastern red bat	33	403	carcass search	3-day 90-m cleared plot	scavenged	yes
08/13/2021	eastern red bat	13	404	carcass search	3-day 90-m cleared plot	scavenged	yes
08/13/2021	eastern red bat	55	405	carcass search	3-day 90-m cleared plot	scavenged	yes
08/13/2021	eastern red bat	47	405	carcass search	3-day 90-m cleared plot	scavenged	yes
08/13/2021	hoary bat	16	254	carcass search	twice per week road and pad	scavenged	no
08/13/2021	hoary bat	33	316	carcass search	twice per week road and pad	scavenged	no
08/13/2021	hoary bat	47	327	carcass search	twice per week 70-m uncleared plot	dismembered	yes
08/13/2021	hoary bat	39	405	carcass search	3-day 90-m cleared plot	scavenged	yes
08/13/2021	hoary bat	22	405	carcass search	3-day 90-m cleared plot	intact	yes
08/14/2021	big brown bat	10	338	carcass search	twice per week 70-m uncleared plot	scavenged	yes
08/14/2021	big brown bat	30	345	carcass search	twice per week 70-m uncleared plot	scavenged	yes
08/14/2021	big brown bat	15	411	carcass search	3-day 90-m cleared plot	intact	yes
08/14/2021	eastern red bat	15	328	carcass search	twice per week 70-m uncleared plot	scavenged	yes
08/14/2021	eastern red bat	49	328	carcass search	twice per week 70-m uncleared plot	scavenged	yes
08/14/2021	eastern red bat	20	328	carcass search	twice per week 70-m uncleared plot	scavenged	yes
08/14/2021	eastern red bat	24	333	carcass search	twice per week 70-m uncleared plot	scavenged	yes
08/14/2021	eastern red bat	11	333	carcass search	twice per week 70-m uncleared plot	scavenged	yes
08/14/2021	eastern red bat	5	338	carcass search	twice per week 70-m uncleared plot	scavenged	yes
08/14/2021	eastern red bat	61	342	carcass search	twice per week 70-m uncleared plot	scavenged	yes
08/14/2021	eastern red bat	17	342	carcass search	twice per week 70-m uncleared plot	-	yes
08/14/2021	eastern red bat	55	347	carcass search	twice per week 70-m uncleared plot	scavenged	yes
08/14/2021	eastern red bat	51	347	carcass search	twice per week 70-m uncleared plot		yes
08/14/2021	eastern red bat	33	407	carcass search	3-day 90-m cleared plot	intact	yes
08/14/2021	eastern red bat	26	407	carcass search	3-day 90-m cleared plot	scavenged	yes
08/14/2021	eastern red bat	81	410	carcass search	3-day 90-m cleared plot	dismembered	
					· · ·		•

Appendix A. Carcasses found at the Timber Road Wind Farm, Paulding County, Ohio, from April 1 – May 15 and August 1 – October 16, 2021.

Found		Distance	-	_		Physical	Aided
Date	Species	from Turbine	Turbine	Search Type	Search Area Type	Condition	Search
08/14/2021	eastern red bat	39	411	carcass search	3-day 90-m cleared plot	scavenged	yes
08/14/2021	eastern red bat	36	411	carcass search	3-day 90-m cleared plot	scavenged	yes
08/14/2021	eastern red bat	23	414	carcass search	3-day 90-m cleared plot	scavenged	yes
08/14/2021	eastern red bat	65	420	carcass search	3-day 90-m cleared plot	scavenged	yes
08/14/2021	eastern red bat	44	423	carcass search	3-day 90-m cleared plot	scavenged	yes
08/14/2021	eastern red bat	59	423	carcass search	3-day 90-m cleared plot	intact	yes
08/14/2021	eastern red bat	37	423	carcass search	3-day 90-m cleared plot	scavenged	yes
08/14/2021	eastern red bat	63	424	carcass search	3-day 90-m cleared plot	scavenged	yes
08/14/2021	eastern red bat	64	424	carcass search	3-day 90-m cleared plot	scavenged	yes
08/14/2021	eastern red bat	10	431	carcass search	3-day 90-m cleared plot	scavenged	yes
	eastern red bat	65	431	carcass search	3-day 90-m cleared plot	scavenged	yes
08/14/2021	evening bat	41	407	carcass search	3-day 90-m cleared plot	scavenged	yes
08/14/2021	hoary bat	2	329	carcass search	twice per week 70-m uncleared plot	intact	yes
08/14/2021	hoary bat	39	344	incidental	twice per week road and pad	intact	no
08/14/2021	hoary bat	49	345	carcass search	twice per week 70-m uncleared plot	intact	yes
08/14/2021		21	346	carcass search	twice per week 70-m uncleared plot	scavenged	yes
08/14/2021	hoary bat	45	411	carcass search	3-day 90-m cleared plot	intact	yes
	Seminole bat	67	424	carcass search	3-day 90-m cleared plot	scavenged	yes
	big brown bat	40	207	carcass search	twice per week 70-m uncleared plot	scavenged	yes
08/15/2021	big brown bat	42	343	carcass search	twice per week 70-m uncleared plot	scavenged	yes
08/15/2021	eastern red bat	51	202	carcass search	twice per week 70-m uncleared plot	scavenged	yes
08/15/2021	eastern red bat	76	202	carcass search**	twice per week 70-m uncleared plot	scavenged	yes
08/15/2021	eastern red bat	25	203	carcass search	twice per week 70-m uncleared plot	scavenged	yes
08/15/2021	eastern red bat	26	204	carcass search	twice per week 70-m uncleared plot	scavenged	yes
08/15/2021	eastern red bat	35	207	carcass search	twice per week 70-m uncleared plot	intact	yes
08/15/2021	eastern red bat	59	219	carcass search	twice per week 70-m uncleared plot	scavenged	yes
08/15/2021	eastern red bat	62	219	carcass search	twice per week 70-m uncleared plot	scavenged	yes
08/15/2021	eastern red bat	41	302	carcass search	twice per week 70-m cleared plot	scavenged	yes
08/15/2021	evening bat	16	343	carcass search	twice per week 70-m uncleared plot	intact	yes
08/15/2021	hoary bat	19	204	carcass search	twice per week 70-m uncleared plot	intact	yes
08/15/2021	silver-haired bat	23	207	carcass search	twice per week 70-m uncleared plot	intact	yes
08/16/2021	big brown bat	12	311	carcass search	twice per week 70-m uncleared plot	scavenged	yes
08/16/2021	big brown bat	98	404	carcass search**	3-day 90-m cleared plot	scavenged	yes
08/16/2021	eastern red bat	26	234	carcass search**	twice per week road and pad	scavenged	no
08/16/2021	eastern red bat	31	234	carcass search	twice per week road and pad	intact	no
08/16/2021	eastern red bat	5	236	carcass search	twice per week road and pad	scavenged	no

Appendix A. Carcasses found at the Timber Road Wind Farm, Paulding County, Ohio, from April 1 – May 15 and August 1 – October 16, 2021.

DateSpeciesfrom Turbine Turbine Search TypeSearch Area TypeConditionSearch08/16/2021 eastern red bat47311carcass searchtwice per week 70-m uncleared plotscavengedyes08/16/2021 eastern red bat12313carcass searchtwice per week 70-m uncleared plotscavengedyes08/16/2021 eastern red bat36319carcass searchtwice per week 70-m uncleared plotscavengedyes08/16/2021 eastern red bat36319carcass searchtwice per week 70-m uncleared plotscavengedyes08/16/2021 eastern red bat35329incidentaltwice per week 70-m uncleared plotscavengedyes08/16/2021 eastern red bat35404carcass search3-day 90-m cleared plotscavengedyes08/16/2021 eastern red bat11422carcass searchtwice per week road and padscavengedyes08/16/2021 eastern red bat36217carcass searchtwice per week road and padscavengedyes08/16/2021 eastern red bat11422carcass searchtwice per week 70-m uncleared plotscavengedyes08/16/2021 hoary bat36319carcass searchtwice per week 70-m uncleared plotscavengedyes08/16/2021 hoary bat36310carcass search3-day 90-m cleared plotscavengedyes08/16/2021 hoary bat56401carcass search3-day 90-m cleared plotscavengedyes08/16/	Found		Distance				Physical	Aided
08/16/2021 eastern red bat29313carcass searchtwice per week 70-m uncleared plotintactyes08/16/2021 eastern red bat73318carcass searchtwice per week 70-m uncleared plotscavengedyes08/16/2021 eastern red bat36319carcass searchtwice per week 70-m uncleared plotscavengedyes08/16/2021 eastern red bat80325incidental**twice per week 70-m uncleared plotscavengedyes08/16/2021 eastern red bat35329incidental**twice per week 70-m uncleared plotscavengedyes08/16/2021 eastern red bat79402carcass search3-day 90-m cleared plotscavengedyes08/16/2021 eastern red bat37421carcass searchtwice per week road and padscavengedno08/16/2021 eastern red bat37421carcass searchtwice per week road and padscavengedno08/16/2021 eastern red bat36319carcass searchtwice per week road and padscavengedno08/16/2021 hoary bat36319carcass searchtwice per week 70-m uncleared plotscavengedyes08/16/2021 hoary bat56401carcass searchtwice per week road and padscavengedyes08/16/2021 hoary bat56401carcass search3-day 90-m cleared plotscavengedyes08/16/2021 hoary bat72403carcass search3-day 90-m cleared plotscavengedyes08/16/	Date	Species	from Turbine	Turbine	Search Type	Search Area Type	Condition	Search
08/16/2021eastern red bat12313carcass searchtwice per week 70-m uncleared plotscavengedyes08/16/2021eastern red bat36319carcass searchtwice per week 70-m uncleared plotscavengedyes08/16/2021eastern red bat80325incidental**twice per week 70-m uncleared plotscavengedyes08/16/2021eastern red bat35329incidental**twice per week 70-m uncleared plotscavengedyes08/16/2021eastern red bat35329incidental**twice per week 70-m uncleared plotscavengedyes08/16/2021eastern red bat35404carcass search3-day 90-m cleared plotscavengedyes08/16/2021eastern red bat37421carcass searchtwice per week 70-m uncleared plotscavengedno08/16/2021heary bat63217carcass searchtwice per week 70-m uncleared plotscavengedyes08/16/2021heary bat36319carcass searchtwice per week 70-m cleared plotscavengedyes08/16/2021heary bat	08/16/2021	eastern red bat	47	311	carcass search	twice per week 70-m uncleared plot	scavenged	yes
08/16/2021eastern red bat73318carcass searchtwice per week 70-m uncleared plotscavengedyes08/16/2021eastern red bat48319carcass searchtwice per week 70-m uncleared plotscavengedyes08/16/2021eastern red bat80325incidental**twice per week 70-m uncleared plotscavengedyes08/16/2021eastern red bat79402carcass search3-day 90-m cleared plotscavengedyes08/16/2021eastern red bat37421carcass search3-day 90-m cleared plotscavengedyes08/16/2021eastern red bat37421carcass searchtwice per week 70-m uncleared plotscavengedyes08/16/2021eastern red bat37421carcass searchtwice per week road and padscavengedno08/16/2021hoary bat63217carcass searchtwice per week 70-m uncleared plotscavengedyes08/16/2021hoary bat36319carcass searchtwice per week 70-m uncleared plotscavengedyes08/16/2021hoary bat56401carcass searchtwice per week 70-m uncleared plotscavengedyes08/16/2021hoary bat72403carcass searchtwice per week 70-m uncleared plotscavengedyes08/16/2021hoary bat72403carcass search3-day 90-m cleared plotscavengedyes08/16/2021hoary bat74240	08/16/2021	eastern red bat	29	313	carcass search	twice per week 70-m uncleared plot	intact	yes
08/16/2021 08/16/2021 eastern red bat36319 carcass searchtwice per week 70-m uncleared plot twice per week 70-m cleared plot twice per week 70-m cleared plot scavenged yes08/16/2021 08/16/2021 eastern red bat35329incidentall**twice per week 70-m cleared plot twice per week 70-m cleared plot scavenged yes08/16/2021 08/16/2021 eastern red bat35404 carcass search3-day 90-m cleared plot scavenged yes08/16/2021 08/16/2021 eastern red bat37421 carcass search3-day 90-m cleared plot scavenged yes08/16/2021 08/16/2021 hary bat63217 carcass searchacracass search twice per week road and pad twice per week road and pad scavenged yes08/16/2021 08/16/2021 hary bat35311 carcass searchtwice per week road and pad twice per week road and pad scavengedscavenged yes08/16/2021 hoary bat36319 carcass searchtwice per week 70-m uncleared plot twice per week 70-m uncleared plot scavengedyes08/16/2021 hoary bat55325 carcass search3-day 90-m cleared plot scavengedyes08/16/2021 hoary bat56401 carcass search3-day 90-m cleared plot scavengedyes08/16/2021 hoary bat57405 carcass search3-day 90-m cleared plot scavengedyes08/16/2021 hoary bat57405 carcass search3-day 90-m cleared plot scavengedyes08/16/2021 hoary bat56401 carcass search3-day 90-m	08/16/2021	eastern red bat	12	313	carcass search	twice per week 70-m uncleared plot	scavenged	yes
08/16/2021eastern red bat48319carcass search incidental*twice per week 70-m uncleared plot twice per week 70-m cleared plot twice per week 70-m uncleared plot scavengedyes08/16/2021eastern red bat79402carcass search arcass search3-day 90-m cleared plot scavengeddismembered yes08/16/2021eastern red bat37421 carcass search3-day 90-m cleared plot scavengedscavenged yes08/16/2021eastern red bat37421 carcass search3-day 90-m cleared plot twice per week road and pad scavengedno08/16/2021eastern red bat11422 carcass searchcarcass search twice per week road and pad scavengedscavenged yes08/16/2021hoary bat55311 carcass searchtwice per week road and pad twice per week road and pad scavengedscavenged yes08/16/2021hoary bat55325 carcass searchtwice per week road and pad twice per week road nd pad scavengedyes08/16/2021hoary bat72403 carcass search3-day 90-m cleared plot twice per week road and pad scavengedyes08/16/2021hoary bat72403 carcass search3-day 90-m cleared plot scavengedyes08/16/2021hoary bat7440 carcass search3-day 90-m cleared plot scavengedyes08/16/2021hoary bat7441 carcass search3-day 90-m cleared plot scavengedyes08/16/2021hoary bat56407<	08/16/2021	eastern red bat		318	carcass search**	twice per week 70-m cleared plot	scavenged	yes
08/16/2021eastern red bat80325incidentaltwice per week 70-m uncleared plotscavengedyes08/16/2021eastern red bat79402carcass search3-day 90-m cleared plotscavengedyes08/16/2021eastern red bat37421carcass search3-day 90-m cleared plotscavengedyes08/16/2021eastern red bat37421carcass search3-day 90-m cleared plotscavengedyes08/16/2021hoary bat63217carcass searchtwice per week road and padscavengedno08/16/2021hoary bat36319carcass searchtwice per week road and padscavengedyes08/16/2021hoary bat36319carcass searchtwice per week 70-m uncleared plotscavengedyes08/16/2021hoary bat56401carcass searchtwice per week 70-m uncleared plotscavengedyes08/16/2021hoary bat56401carcass search3-day 90-m cleared plotscavengedyes08/16/2021hoary bat72403carcass search3-day 90-m cleared plotscavengedyes08/16/2021hoary bat57405carcass search3-day 90-m cleared plotscavengedyes08/16/2021hoary bat57405carcass search3-day 90-m cleared plotscavengedyes08/16/2021hoary bat56740carcass search3-day 90-m cleared plotscaveng	08/16/2021	eastern red bat	36	319	carcass search	twice per week 70-m uncleared plot	scavenged	yes
08/16/2021eastern red bat35329incidentaltwice per week 70-m uncleared plotscavengedyes08/16/2021eastern red bat79402carcass search3-day 90-m cleared plotdismemberedyes08/16/2021eastern red bat37421carcass search3-day 90-m cleared plotscavengedyes08/16/2021eastern red bat11422carcass searchtwice per week road and padscavengedno08/16/2021hoary bat63217carcass searchtwice per week road and padscavengedyes08/16/2021hoary bat35311carcass searchtwice per week road and padscavengedyes08/16/2021hoary bat36319carcass searchtwice per week 70-m uncleared plotscavengedyes08/16/2021hoary bat56401carcass search3-day 90-m cleared plotscavengedyes08/16/2021hoary bat72403carcass search3-day 90-m cleared plotscavengedyes08/16/2021hoary bat72403carcass search3-day 90-m cleared plotscavengedyes08/16/2021hoary bat57405carcass search3-day 90-m cleared plotscavengedyes08/16/2021hoary bat57405carcass search3-day 90-m cleared plotscavengedyes08/16/2021hoary bat56401carcass search3-day 90-m cleared plotscavenged <td>08/16/2021</td> <td>eastern red bat</td> <td>48</td> <td>319</td> <td>carcass search</td> <td>twice per week 70-m uncleared plot</td> <td>scavenged</td> <td>yes</td>	08/16/2021	eastern red bat	48	319	carcass search	twice per week 70-m uncleared plot	scavenged	yes
08/16/2021eastern red bat79402carcass search3-day 90-m cleared plotdismemberedyes08/16/2021eastern red bat37404carcass search3-day 90-m cleared plotscavengedntactno08/16/2021eastern red bat11422carcass searchtwice per week road and padscavengedno08/16/2021hoary bat63217carcass searchtwice per week road and padscavengedno08/16/2021hoary bat63217carcass searchtwice per week road and padscavengedno08/16/2021hoary bat36319carcass searchtwice per week 70-m uncleared plotscavengedyes08/16/2021hoary bat55325carcass search3-day 90-m cleared plotscavengedyes08/16/2021hoary bat72403carcass search3-day 90-m cleared plotscavengedyes08/16/2021hoary bat72403carcass search3-day 90-m cleared plotscavengedyes08/16/2021hoary bat7446403carcass search3-day 90-m cleared plotscavengedyes08/16/2021hoary bat74419carcass search3-day 90-m cleared plotscavengedyes08/16/2021hoary bat14419carcass search**twice per week road and padscavengedyes08/16/2021hoary bat18314carcass search**twice per week road and pad					incidental**	twice per week 70-m cleared plot	scavenged	yes
08/16/2021eastern red bat35404carcass search3-day 90-m cleared plotscavengedyes08/16/2021eastern red bat37421carcass searchtwice per week road and padintactno08/16/2021eastern red bat11422carcass searchtwice per week road and padscavengedno08/16/2021hoary bat63217carcass searchtwice per week road and padscavengedno08/16/2021hoary bat36319carcass searchtwice per week 70-m uncleared plotscavengedyes08/16/2021hoary bat55325carcass searchtwice per week 70-m uncleared plotscavengedyes08/16/2021hoary bat56401carcass search3-day 90-m cleared plotscavengedyes08/16/2021hoary bat72403carcass search3-day 90-m cleared plotscavengedyes08/16/2021hoary bat72403carcass search3-day 90-m cleared plotscavengedyes08/16/2021hoary bat57405carcass search3-day 90-m cleared plotscavengedyes08/16/2021hoary bat74238carcass search3-day 90-m cleared plotscavengedyes08/16/2021hoary bat56407carcass search3-day 90-m cleared plotscavengedyes08/16/2021hoary bat56407carcass search3-day 90-m cleared plotscavengedyes	08/16/2021	eastern red bat			incidental	twice per week 70-m uncleared plot	scavenged	yes
08/16/2021eastern red bat37421carcass searchtwice per week road and padintactno08/16/2021hoary bat63217carcass searchtwice per week road and padscavengedno08/16/2021hoary bat35311carcass searchtwice per week road and padscavengedno08/16/2021hoary bat36319carcass searchtwice per week 70-m uncleared plotscavengedyes08/16/2021hoary bat55325carcass searchtwice per week 70-m uncleared plotscavengedyes08/16/2021hoary bat56401carcass search3-day 90-m cleared plotscavengedyes08/16/2021hoary bat72403carcass search3-day 90-m cleared plotscavengedyes08/16/2021hoary bat72403carcass search3-day 90-m cleared plotscavengedyes08/16/2021hoary bat57405carcass search3-day 90-m cleared plotscavengedyes08/16/2021hoary bat57405carcass search3-day 90-m cleared plotscavengedyes08/16/2021hoary bat57405carcass search3-day 90-m cleared plotscavengedyes08/16/2021hoary bat14419carcass search**m/ascavengedyes08/16/2021unidentified non-myotis74238carcass search**n/ascavengedyes08/17/2021<	08/16/2021	eastern red bat	79	402	carcass search	3-day 90-m cleared plot	dismembered	yes
08/16/2021eastern red bat11422carcass searchtwice per week road and padscavengedno08/16/2021hoary bat63217carcass searchtwice per week road and padscavengedno08/16/2021hoary bat35311carcass searchtwice per week 70-m uncleared plotscavengedyes08/16/2021hoary bat55325carcass searchtwice per week 70-m cleared plotscavengedyes08/16/2021hoary bat56401carcass search3-day 90-m cleared plotscavengedyes08/16/2021hoary bat72403carcass search3-day 90-m cleared plotscavengedyes08/16/2021hoary bat72403carcass search3-day 90-m cleared plotscavengedyes08/16/2021hoary bat22404carcass search3-day 90-m cleared plotscavengedyes08/16/2021hoary bat57405carcass search3-day 90-m cleared plotscavengedyes08/16/2021hoary bat57405carcass search3-day 90-m cleared plotscavengedyes08/16/2021hoary bat56407carcass search3-day 90-m cleared plotscavengedyes08/16/2021unidentified non-myotis74238carcass search3-day 90-m cleared plotscavengedyes08/17/2021big brown bat56407carcass search3-day 90-m cleared plotscavenged <td< td=""><td>08/16/2021</td><td>eastern red bat</td><td></td><td></td><td>carcass search</td><td>3-day 90-m cleared plot</td><td>scavenged</td><td>yes</td></td<>	08/16/2021	eastern red bat			carcass search	3-day 90-m cleared plot	scavenged	yes
08/16/2021 hoary bat63217carcass searchtwice per week road and padscavengedyes08/16/2021 hoary bat35311carcass searchtwice per week 70-m uncleared plotscavengedyes08/16/2021 hoary bat55325carcass search3-day 90-m cleared plotscavengedyes08/16/2021 hoary bat56401carcass search3-day 90-m cleared plotscavengedyes08/16/2021 hoary bat72403carcass search3-day 90-m cleared plotscavengedyes08/16/2021 hoary bat72403carcass search3-day 90-m cleared plotscavengedyes08/16/2021 hoary bat72403carcass search3-day 90-m cleared plotscavengedyes08/16/2021 hoary bat72405carcass search3-day 90-m cleared plotscavengedyes08/16/2021 hoary bat74238carcass search3-day 90-m cleared plotscavengedyes08/16/2021 hoary bat14419carcass search3-day 90-m cleared plotscavengedyes08/16/2021 big brown bat56407carcass search**n/ascavengedyes08/17/2021 big brown bat56407carcass search3-day 90-m cleared plotscavengedyes08/17/2021 eastern red bat35252carcass searchtwice per week 70-m cleared plotscavengedyes08/17/2021 eastern red bat7309carcass searchtwice per week 70-m cleared plot	08/16/2021	eastern red bat			carcass search	twice per week road and pad	intact	no
08/16/2021 hoary bat35311carcass search carcass searchtwice per week 70-m uncleared plotscavengedyes08/16/2021 hoary bat55325carcass search3-day 90-m cleared plotscavengedyes08/16/2021 hoary bat66403carcass search3-day 90-m cleared plotscavengedyes08/16/2021 hoary bat72403carcass search3-day 90-m cleared plotscavengedyes08/16/2021 hoary bat72403carcass search3-day 90-m cleared plotscavengedyes08/16/2021 hoary bat72405carcass search3-day 90-m cleared plotscavengedyes08/16/2021 hoary bat14419carcass search3-day 90-m cleared plotscavengedyes08/16/2021 hoary bat14419carcass search3-day 90-m cleared plotscavengedyes08/16/2021 unidentified non-myotis74238carcass search3-day 90-m cleared plotscavengedyes08/17/2021 big brown bat18314carcass searchscavengedyesscavengedyes08/17/2021 eastern red bat35252carcass searchtwice per week 70-m cleared plotscavengedyes08/17/2021 eastern red bat7309carcass searchtwice per week 70-m cleared plotscavengedyes08/17/2021 eastern red bat7309carcass searchtwice per week 70-m cleared plotscavengedyes08/17/2021 eastern red bat7 <t< td=""><td>08/16/2021</td><td>eastern red bat</td><td>11</td><td>422</td><td>carcass search</td><td>twice per week road and pad</td><td>scavenged</td><td>no</td></t<>	08/16/2021	eastern red bat	11	422	carcass search	twice per week road and pad	scavenged	no
08/16/2021 hoary bat36319carcass searchtwice per week 70-m uncleared plotintactyes08/16/2021 hoary bat55325carcass search3-day 90-m cleared plotscavengedyes08/16/2021 hoary bat56401carcass search3-day 90-m cleared plotscavengedyes08/16/2021 hoary bat72403carcass search3-day 90-m cleared plotscavengedyes08/16/2021 hoary bat72403carcass search3-day 90-m cleared plotscavengedyes08/16/2021 hoary bat57405carcass search3-day 90-m cleared plotscavengedyes08/16/2021 hoary bat57405carcass search3-day 90-m cleared plotscavengedyes08/16/2021 hoary bat14419carcass search3-day 90-m cleared plotscavengedyes08/16/2021 hoary bat14419carcass search3-day 90-m cleared plotscavengedyes08/16/2021 hoary bat18314carcass search3-day 90-m cleared plotscavengedyes08/17/2021 big brown bat18314carcass searchtwice per week road and padscavengedyes08/17/2021 eastern red bat30316carcass searchtwice per week 70-m cleared plotscavengedyes08/17/2021 eastern red bat7309carcass searchtwice per week 70-m cleared plotscavengedyes08/17/2021 eastern red bat73307carcass searchtwice				217	carcass search	twice per week road and pad	scavenged	no
08/16/2021 hoary bat55325carcass searchtwice per week 70-m cleared plotscavengedyes08/16/2021 hoary bat56401carcass search3-day 90-m cleared plotscavengedyes08/16/2021 hoary bat72403carcass search3-day 90-m cleared plotscavengedyes08/16/2021 hoary bat72403carcass search3-day 90-m cleared plotscavengedyes08/16/2021 hoary bat22404carcass search3-day 90-m cleared plotscavengedyes08/16/2021 hoary bat57405carcass search3-day 90-m cleared plotscavengedyes08/16/2021 hoary bat14419carcass search3-day 90-m cleared plotscavengedyes08/16/2021 unidentified non-myotis74238carcass search**twice per week road and padscavengedyes08/17/2021 big brown bat18314carcass search3-day 90-m cleared plotscavengedyes08/17/2021 eastern red bat36407carcass searchtwice per week road and padscavengedyes08/17/2021 eastern red bat30307carcass searchtwice per week 70-m cleared plotscavengedyes08/17/2021 eastern red bat77309carcass searchtwice per week road and padscavengedyes08/17/2021 eastern red bat77309carcass searchtwice per week road and padscavengedyes08/17/2021 eastern red bat77309	08/16/2021	hoary bat			carcass search	twice per week 70-m uncleared plot	scavenged	yes
08/16/2021 hoary bat56401carcass search3-day 90-m cleared plotscavengedyes08/16/2021 hoary bat46403carcass search3-day 90-m cleared plotscavengedyes08/16/2021 hoary bat72403carcass search3-day 90-m cleared plotscavengedyes08/16/2021 hoary bat22404carcass search3-day 90-m cleared plotscavengedyes08/16/2021 hoary bat57405carcass search3-day 90-m cleared plotscavengedyes08/16/2021 hoary bat14419carcass search**twice per week road and padscavengedno08/16/2021 silver-haired bat30404carcass search**n/ascavengedyes08/16/2021 unidentified non-myotis74238carcass search3-day 90-m cleared plotscavengedyes08/17/2021 big brown bat18314carcass searchtwice per week road and padscavengedyes08/17/2021 big brown bat56407carcass search3-day 90-m cleared plotscavengedyes08/17/2021 eastern red bat35252carcass search3-day 90-m cleared plotscavengedyes08/17/2021 eastern red bat7309carcass searchtwice per week road and padscavengedyes08/17/2021 eastern red bat23307carcass searchtwice per week road and padscavengedyes08/17/2021 eastern red bat7309carcass searchtwice	08/16/2021	hoary bat			carcass search	twice per week 70-m uncleared plot	intact	yes
08/16/2021 hoary bat46403carcass search3-day 90-m cleared plotscavengedyes08/16/2021 hoary bat72403carcass search3-day 90-m cleared plotscavengedyes08/16/2021 hoary bat22404carcass search3-day 90-m cleared plotscavengedyes08/16/2021 hoary bat57405carcass search3-day 90-m cleared plotscavengedyes08/16/2021 hoary bat14419carcass search3-day 90-m cleared plotscavengedyes08/16/2021 silver-haired bat30404carcass search3-day 90-m cleared plotscavengedyes08/16/2021 unidentified non-myotis74238carcass search3-day 90-m cleared plotscavengedyes08/17/2021 big brown bat18314carcass search3-day 90-m cleared plotscavengedyes08/17/2021 big brown bat56407carcass search3-day 90-m cleared plotscavengedyes08/17/2021 eastern red bat35252carcass searchtwice per week 70-m cleared plotscavengedyes08/17/2021 eastern red bat77309carcass searchtwice per week road and padscavengedyes08/17/2021 eastern red bat77309carcass searchtwice per week road and padscavengedyes08/17/2021 eastern red bat77309carcass searchtwice per week road and padscavengedyes08/17/2021 eastern red bat55333 <td< td=""><td></td><td></td><td></td><td></td><td>carcass search</td><td>twice per week 70-m cleared plot</td><td>scavenged</td><td>yes</td></td<>					carcass search	twice per week 70-m cleared plot	scavenged	yes
08/16/2021 hoary bat72403carcass search3-day 90-m cleared plotscavengedyes08/16/2021 hoary bat22404carcass search3-day 90-m cleared plotscavengedyes08/16/2021 hoary bat57405carcass search3-day 90-m cleared plotscavengedyes08/16/2021 hoary bat14419carcass search3-day 90-m cleared plotscavengedyes08/16/2021 silver-haired bat30404carcass search**twice per week road and padscavengedyes08/16/2021 unidentified non-myotis74238carcass search3-day 90-m cleared plotscavengedyes08/17/2021 big brown bat18314carcass search3-day 90-m cleared plotscavengedyes08/17/2021 big brown bat56407carcass search3-day 90-m cleared plotscavengedyes08/17/2021 eastern red bat35252carcass search3-day 90-m cleared plotscavengedyes08/17/2021 eastern red bat7309carcass searchtwice per week 70-m cleared plotscavengedyes08/17/2021 eastern red bat7309carcass searchtwice per week road and padscavengedno08/17/2021 eastern red bat7309carcass searchtwice per week road and padscavengedno08/17/2021 eastern red bat7309carcass searchtwice per week road and padscavengedno08/17/2021 eastern red bat27331 <td>08/16/2021</td> <td>hoary bat</td> <td></td> <td>401</td> <td>carcass search</td> <td>3-day 90-m cleared plot</td> <td>scavenged</td> <td>yes</td>	08/16/2021	hoary bat		401	carcass search	3-day 90-m cleared plot	scavenged	yes
08/16/2021 hoary bat22404carcass search3-day 90-m cleared plotscavengedyes08/16/2021 hoary bat57405carcass search3-day 90-m cleared plotscavengedyes08/16/2021 hoary bat14419carcass search3-day 90-m cleared plotscavengedyes08/16/2021 silver-haired bat30404carcass search3-day 90-m cleared plotscavengedyes08/16/2021 unidentified non-myotis74238carcass search3-day 90-m cleared plotscavengedyes08/17/2021 big brown bat18314carcass searchm/ascavengedyes08/17/2021 big brown bat56407carcass search3-day 90-m cleared plotscavengedyes08/17/2021 eastern red bat44252carcass search3-day 90-m cleared plotscavengedyes08/17/2021 eastern red bat35252carcass searchtwice per week 70-m cleared plotscavengedyes08/17/2021 eastern red bat7309carcass searchtwice per week road and padscavengedno08/17/2021 eastern red bat30316carcass searchtwice per week road and padscavengedno08/17/2021 eastern red bat27331carcass searchtwice per week road and padscavengedno08/17/2021 eastern red bat27331carcass searchtwice per week 70-m uncleared plotscavengedyes08/17/2021 eastern red bat27331	08/16/2021	hoary bat			carcass search	3-day 90-m cleared plot	scavenged	yes
08/16/2021 hoary bat57405carcass search3-day 90-m cleared plotscavengedyes08/16/2021 hoary bat14419carcass search**twice per week road and padscavengedno08/16/2021 silver-haired bat30404carcass search**sday 90-m cleared plotscavengedyes08/16/2021 unidentified non-myotis74238carcass search3-day 90-m cleared plotscavengedyes08/17/2021 big brown bat18314carcass searchtwice per week road and padscavengedyes08/17/2021 big brown bat56407carcass search3-day 90-m cleared plotscavengedyes08/17/2021 eastern red bat44252carcass searchtwice per week road and padscavengedyes08/17/2021 eastern red bat23307carcass searchtwice per week 70-m cleared plotscavengedyes08/17/2021 eastern red bat7309carcass searchtwice per week road and padscavengedno08/17/2021 eastern red bat30316carcass searchtwice per week road and padscavengedno08/17/2021 eastern red bat27331carcass searchtwice per week road and padscavengedno08/17/2021 eastern red bat27331carcass searchtwice per week 70-m uncleared plotscavengedyes08/17/2021 eastern red bat27331carcass searchtwice per week road and padscavengedyes08/17/2021 eas				403	carcass search	3-day 90-m cleared plot	scavenged	yes
08/16/2021 hoary bat14419carcass search**twice per week road and padscavengedno08/16/2021 silver-haired bat30404carcass search3-day 90-m cleared plotscavengedyes08/16/2021 unidentified non-myotis74238carcass search3-day 90-m cleared plotscavengedyes08/17/2021 big brown bat18314carcass searchtwice per week road and padscavengedyes08/17/2021 eastern red bat56407carcass search3-day 90-m cleared plotscavengedyes08/17/2021 eastern red bat56407carcass search3-day 90-m cleared plotscavengedyes08/17/2021 eastern red bat35252carcass searchtwice per week 70-m cleared plotscavengedyes08/17/2021 eastern red bat23307carcass searchtwice per week road and padscavengedyes08/17/2021 eastern red bat7309carcass searchtwice per week road and padscavengedno08/17/2021 eastern red bat30316carcass searchtwice per week road and padscavengedno08/17/2021 eastern red bat27331carcass searchtwice per week 70-m uncleared plotscavengedyes08/17/2021 eastern red bat55333carcass searchtwice per week 70-m uncleared plotscavengedyes08/17/2021 eastern red bat43335carcass searchtwice per week 70-m uncleared plotscavengedyes				-	carcass search	3-day 90-m cleared plot	scavenged	yes
08/16/2021 silver-haired bat30404carcass search carcass search**3-day 90-m cleared plotscavengedyes08/16/2021 unidentified non-myotis74238carcass search carcass search**n/ascavengedyes08/17/2021 big brown bat18314carcass search carcass searchtwice per week road and padscavengedyes08/17/2021 eastern red bat44252carcass search carcass search3-day 90-m cleared plotscavengedyes08/17/2021 eastern red bat35252carcass search carcass searchtwice per week 70-m cleared plotscavengedyes08/17/2021 eastern red bat23307carcass search carcass searchtwice per week road and padscavengedyes08/17/2021 eastern red bat7309carcass search carcass searchtwice per week road and padscavengedno08/17/2021 eastern red bat30316carcass search carcass searchtwice per week road and padscavengedno08/17/2021 eastern red bat27331carcass search carcass searchtwice per week road and padscavengedyes08/17/2021 eastern red bat55333carcass search carcass searchtwice per week road and padscavengedyes08/17/2021 eastern red bat43335carcass search carcass searchtwice per week road and padscavengedyes08/17/2021 eastern red bat43335carcass search carcass searchtwice per week road and	08/16/2021	hoary bat	57	405	carcass search	3-day 90-m cleared plot	scavenged	yes
08/16/2021 unidentified non-myotis74238carcass search**n/ascavengedyes08/17/2021 big brown bat18314carcass searchtwice per week road and padscavengedno08/17/2021 big brown bat56407carcass search3-day 90-m cleared plotscavengedyes08/17/2021 eastern red bat44252carcass searchtwice per week 70-m cleared plotscavengedyes08/17/2021 eastern red bat35252carcass searchtwice per week 70-m cleared plotscavengedyes08/17/2021 eastern red bat23307carcass searchtwice per week road and padscavengedyes08/17/2021 eastern red bat7309carcass searchtwice per week road and padintactno08/17/2021 eastern red bat30316carcass searchtwice per week road and padscavengedyes08/17/2021 eastern red bat27331carcass searchtwice per week road and padscavengedyes08/17/2021 eastern red bat55333carcass searchtwice per week 70-m uncleared plotscavengedyes08/17/2021 eastern red bat43335carcass searchtwice per week 70-m uncleared plotscavengedyes08/17/2021 eastern red bat43335carcass searchtwice per week 70-m uncleared plotscavengedyes08/17/2021 eastern red bat43335carcass searchtwice per week road and padscavengedyes <td< td=""><td>08/16/2021</td><td>hoary bat</td><td>14</td><td>419</td><td>carcass search**</td><td>twice per week road and pad</td><td>scavenged</td><td>no</td></td<>	08/16/2021	hoary bat	14	419	carcass search**	twice per week road and pad	scavenged	no
08/17/2021 big brown bat18314carcass searchtwice per week road and padscavengedno08/17/2021 big brown bat56407carcass search3-day 90-m cleared plotscavengedyes08/17/2021 eastern red bat44252carcass searchtwice per week 70-m cleared plotscavengedyes08/17/2021 eastern red bat35252carcass searchtwice per week 70-m cleared plotscavengedyes08/17/2021 eastern red bat23307carcass searchtwice per week road and padscavengedyes08/17/2021 eastern red bat7309carcass searchtwice per week road and padscavengedno08/17/2021 eastern red bat7309carcass searchtwice per week road and padscavengedno08/17/2021 eastern red bat27331carcass searchtwice per week road and padscavengedno08/17/2021 eastern red bat27331carcass searchtwice per week 70-m uncleared plotscavengedyes08/17/2021 eastern red bat55333carcass searchtwice per week 70-m uncleared plotscavengedyes08/17/2021 eastern red bat43335carcass searchtwice per week road and padscavengedyes08/17/2021 eastern red bat43335carcass searchtwice per week road and padscavengedyes08/17/2021 eastern red bat43335carcass searchtwice per week road and padscavengedyes	08/16/2021	silver-haired bat	30	404	carcass search	3-day 90-m cleared plot	scavenged	yes
08/17/2021 big brown bat56407carcass search3-day 90-m cleared plotscavengedyes08/17/2021 eastern red bat44252carcass searchtwice per week 70-m cleared plotscavengedyes08/17/2021 eastern red bat35252carcass searchtwice per week 70-m cleared plotscavengedyes08/17/2021 eastern red bat23307carcass searchtwice per week 70-m cleared plotscavengedyes08/17/2021 eastern red bat7309carcass searchtwice per week road and padscavengedno08/17/2021 eastern red bat30316carcass searchtwice per week road and padscavengedno08/17/2021 eastern red bat27331carcass searchtwice per week 70-m uncleared plotscavengedyes08/17/2021 eastern red bat55333carcass searchtwice per week 70-m uncleared plotscavengedyes08/17/2021 eastern red bat43335carcass searchtwice per week 70-m uncleared plotscavengedyes08/17/2021 eastern red bat43335carcass searchtwice per week road and padscavengedyes08/17/2021 eastern red bat43335carcass searchtwice per week road and padscavengedyes08/17/2021 eastern red bat44337carcass searchtwice per week road and padscavengedno08/17/2021 eastern red bat4337carcass searchtwice per week road and padscavenged <t< td=""><td>08/16/2021</td><td>unidentified non-myotis</td><td>74</td><td>238</td><td>carcass search**</td><td>n/a</td><td>scavenged</td><td>yes</td></t<>	08/16/2021	unidentified non-myotis	74	238	carcass search**	n/a	scavenged	yes
08/17/2021 eastern red bat44252carcass searchtwice per week 70-m cleared plotscavengedyes08/17/2021 eastern red bat35252carcass searchtwice per week 70-m cleared plotscavengedyes08/17/2021 eastern red bat23307carcass searchtwice per week road and padscavengedno08/17/2021 eastern red bat7309carcass searchtwice per week road and padintactno08/17/2021 eastern red bat30316carcass searchtwice per week road and padscavengedno08/17/2021 eastern red bat27331carcass searchtwice per week road and padscavengedyes08/17/2021 eastern red bat27331carcass searchtwice per week 70-m uncleared plotscavengedyes08/17/2021 eastern red bat55333carcass searchtwice per week 70-m uncleared plotscavengedyes08/17/2021 eastern red bat43335carcass searchtwice per week road and padscavengedyes08/17/2021 eastern red bat4337carcass searchtwice per week road and padscavengedno08/17/2021 eastern red bat44337carcass searchtwice per week road and padscavengedno08/17/2021 eastern red bat4337carcass searchtwice per week road and padscavengedno08/17/2021 eastern red bat4337carcass searchtwice per week road and padscavengedno				314	carcass search	twice per week road and pad	scavenged	no
08/17/2021 eastern red bat35252carcass searchtwice per week 70-m cleared plotscavengedyes08/17/2021 eastern red bat23307carcass searchtwice per week road and padscavengedno08/17/2021 eastern red bat7309carcass searchtwice per week road and padscavengedno08/17/2021 eastern red bat30316carcass searchtwice per week road and padscavengedno08/17/2021 eastern red bat30316carcass searchtwice per week road and padscavengedno08/17/2021 eastern red bat27331carcass searchtwice per week 70-m uncleared plotscavengedyes08/17/2021 eastern red bat55333carcass searchtwice per week 70-m uncleared plotscavengedyes08/17/2021 eastern red bat43335carcass searchtwice per week road and padscavengedyes08/17/2021 eastern red bat4337carcass searchtwice per week road and padscavengedno08/17/2021 eastern red bat4337carcass searchtwice per week road and padscavengedno08/17/2021 eastern red bat4337carcass searchtwice per week road and padscavengedno08/17/2021 eastern red bat4337carcass searchtwice per week road and padscavengedno08/17/2021 eastern red bat6666666608/17/2021 eastern red bat </td <td>08/17/2021</td> <td>big brown bat</td> <td>56</td> <td></td> <td>carcass search</td> <td>3-day 90-m cleared plot</td> <td>scavenged</td> <td>yes</td>	08/17/2021	big brown bat	56		carcass search	3-day 90-m cleared plot	scavenged	yes
08/17/2021 eastern red bat23307carcass searchtwice per week road and padscavengedno08/17/2021 eastern red bat7309carcass searchtwice per week road and padintactno08/17/2021 eastern red bat30316carcass searchtwice per week road and padscavengedno08/17/2021 eastern red bat27331carcass searchtwice per week road and padscavengedno08/17/2021 eastern red bat27331carcass searchtwice per week 70-m uncleared plotscavengedyes08/17/2021 eastern red bat55333carcass searchtwice per week 70-m uncleared plotscavengedyes08/17/2021 eastern red bat43335carcass searchtwice per week road and padscavengedno08/17/2021 eastern red bat4337carcass searchtwice per week road and padscavengedno08/17/2021 eastern red bat4337carcass searchtwice per week road and padscavengedno	08/17/2021	eastern red bat	44		carcass search	twice per week 70-m cleared plot	scavenged	yes
08/17/2021 eastern red bat7309carcass searchtwice per week road and padintactno08/17/2021 eastern red bat30316carcass searchtwice per week road and padscavengedno08/17/2021 eastern red bat27331carcass searchtwice per week road and padscavengedyes08/17/2021 eastern red bat55333carcass searchtwice per week 70-m uncleared plotscavengedyes08/17/2021 eastern red bat55335carcass searchtwice per week 70-m uncleared plotscavengedyes08/17/2021 eastern red bat43335carcass searchtwice per week road and padscavengedno08/17/2021 eastern red bat4337carcass searchtwice per week road and padscavengedno				252	carcass search	twice per week 70-m cleared plot	scavenged	yes
08/17/2021 eastern red bat30316carcass searchtwice per week road and padscavengedno08/17/2021 eastern red bat27331carcass searchtwice per week 70-m uncleared plotscavengedyes08/17/2021 eastern red bat55333carcass searchtwice per week 70-m uncleared plotscavengedyes08/17/2021 eastern red bat43335carcass searchtwice per week road and padscavengedyes08/17/2021 eastern red bat4337carcass searchtwice per week road and padscavengedno08/17/2021 eastern red bat4337carcass searchtwice per week road and padscavengedno	08/17/2021	eastern red bat	23	307	carcass search	twice per week road and pad	scavenged	no
08/17/2021 eastern red bat27331carcass searchtwice per week 70-m uncleared plotscavengedyes08/17/2021 eastern red bat55333carcass searchtwice per week 70-m uncleared plotscavengedyes08/17/2021 eastern red bat43335carcass searchtwice per week road and padscavengedno08/17/2021 eastern red bat4337carcass searchtwice per week road and padscavengedno	08/17/2021	eastern red bat	7	309	carcass search	twice per week road and pad	intact	no
08/17/2021 eastern red bat55333carcass searchtwice per week 70-m uncleared plotscavengedyes08/17/2021 eastern red bat43335carcass searchtwice per week road and padscavengedno08/17/2021 eastern red bat4337carcass searchtwice per week road and padscavengedno	08/17/2021	eastern red bat	30	316	carcass search	twice per week road and pad	scavenged	no
08/17/2021 eastern red bat55333carcass searchtwice per week 70-m uncleared plotscavengedyes08/17/2021 eastern red bat43335carcass searchtwice per week road and padscavengedno08/17/2021 eastern red bat4337carcass searchtwice per week road and padscavengedno	08/17/2021	eastern red bat	27	331	carcass search			yes
08/17/2021 eastern red bat 4 337 carcass search twice per week road and pad scavenged no	08/17/2021	eastern red bat	55	333	carcass search	twice per week 70-m uncleared plot	scavenged	-
	08/17/2021	eastern red bat	43	335	carcass search	twice per week road and pad	scavenged	no
08/17/2021 eastern red bat 45 343 carcass search twice per week 70-m uncleared plot scavenged yes	08/17/2021	eastern red bat	4	337	carcass search	twice per week road and pad		no
	08/17/2021	eastern red bat	45	343	carcass search	twice per week 70-m uncleared plot	scavenged	yes

Appendix A. Carcasses found at the Timber Road Wind Farm, Paulding County, Ohio, from April 1 – May 15 and August 1 – October 16, 2021.

08/17/2021eastern red bat45345carcass searchtwice per week 70-m uncleared plotscavengedyes08/17/2021eastern red bat39414carcass search3-day 90-m cleared plotscavengedyes08/17/2021eastern red bat62424carcass search3-day 90-m cleared plotscavengedyes08/17/2021eastern red bat62424carcass search3-day 90-m cleared plotscavengedyes08/17/2021hoary bat18337carcass search3-day 90-m cleared plotscavengedyes08/17/2021hoary bat10343carcass search3-day 90-m cleared plotscavengedyes08/17/2021hoary bat21407carcass search3-day 90-m cleared plotscavengedyes08/17/2021hoary bat18407carcass search3-day 90-m cleared plotscavengedyes08/17/2021hoary bat55416carcass search3-day 90-m cleared plotscavengedyes08/17/2021hoary bat43423carcass search3-day 90-m cleared plotscavengedyes08/17/2021big brown bat26403carcass search3-day 90-m cleared plotscavengedyes08/17/2021big brown bat21403carcass search3-day 90-m cleared plotscavengedyes08/17/2021big brown bat5419carcass search3-day 90-m cleared plotscavengedyes	Found	-	Distance		-		Physical	Aided
08/17/2021eastern red bat39414carcass search3-day 90-m cleared plotscavengedyes08/17/2021eastern red bat62424carcass search3-day 90-m cleared plotscavengedyes08/17/2021eastern red bat29431carcass search3-day 90-m cleared plotscavengedyes08/17/2021hoary bat18337carcass search3-day 90-m cleared plotscavengedyes08/17/2021hoary bat10343carcass searchtwice per week road and padscavengedyes08/17/2021hoary bat21407carcass search3-day 90-m cleared plotscavengedyes08/17/2021hoary bat27411carcass search3-day 90-m cleared plotscavengedyes08/17/2021hoary bat27411carcass search3-day 90-m cleared plotscavengedyes08/17/2021hoary bat26416carcass search3-day 90-m cleared plotscavengedyes08/17/2021big brown bat26403carcass search3-day 90-m cleared plotscavengedyes08/19/2021big brown bat54404carcass search3-day 90-m cleared plotscavengedyes08/19/2021big brown bat54404carcass search3-day 90-m cleared plotscavengedyes08/19/2021big brown bat54404carcass search3-day 90-m cleared plotscavengedyes <th>Date</th> <th>Species</th> <th>from Turbine</th> <th>Turbine</th> <th>Search Type</th> <th>Search Area Type</th> <th></th> <th>Search</th>	Date	Species	from Turbine	Turbine	Search Type	Search Area Type		Search
08/17/2021eastern red bat39414carcass search3-day 90-m cleared plotscavengedyes08/17/2021eastern red bat45416carcass search3-day 90-m cleared plotscavengedyes08/17/2021eastern red bat29431carcass search3-day 90-m cleared plotscavengedyes08/17/2021hoary bat18337carcass search3-day 90-m cleared plotscavengedyes08/17/2021hoary bat10343carcass search3-day 90-m cleared plotscavengedyes08/17/2021hoary bat21407carcass search3-day 90-m cleared plotscavengedyes08/17/2021hoary bat27411carcass search3-day 90-m cleared plotscavengedyes08/17/2021hoary bat27411carcass search3-day 90-m cleared plotscavengedyes08/17/2021hoary bat26413carcass search3-day 90-m cleared plotscavengedyes08/17/2021hoary bat26403carcass search3-day 90-m cleared plotscavengedyes08/17/2021big brown bat21403carcass search3-day 90-m cleared plotscavengedyes08/17/2021big brown bat54404carcass search3-day 90-m cleared plotscavengedyes08/17/2021big brown bat54404carcass search3-day 90-m cleared plotscavengedyes <t< td=""><td>08/17/2021</td><td>eastern red bat</td><td></td><td>345</td><td>carcass search</td><td>twice per week 70-m uncleared plot</td><td>scavenged</td><td>yes</td></t<>	08/17/2021	eastern red bat		345	carcass search	twice per week 70-m uncleared plot	scavenged	yes
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	08/17/2021	eastern red bat	39	414	carcass search	3-day 90-m cleared plot	scavenged	yes
08/17/2021 eastern red bat29431carcass search3-daý 90-m cleared plotscavengedyes08/17/2021 hoary bat10343carcass searchtwice per week road and padscavengedyes08/17/2021 hoary bat21407carcass search3-day 90-m cleared plotscavengedyes08/17/2021 hoary bat21407carcass search3-day 90-m cleared plotscavengedyes08/17/2021 hoary bat27411carcass search3-day 90-m cleared plotscavengedyes08/17/2021 hoary bat55416carcass search3-day 90-m cleared plotscavengedyes08/17/2021 hoary bat43423carcass search3-day 90-m cleared plotscavengedyes08/17/2021 hoary bat26403carcass search3-day 90-m cleared plotscavengedyes08/19/2021 big brown bat26403carcass search3-day 90-m cleared plotscavengedyes08/19/2021 big brown bat54404carcass search3-day 90-m cleared plotscavengedyes08/19/2021 big brown bat7427carcass search3-day 90-m cleared plotscavengedyes08/19/2021 big brown bat7427carcass search3-day 90-m cleared plotscavengedyes08/19/2021 eastern red bat7202carcass searchtwice per week road and padscavengedyes08/19/2021 eastern red bat64212carcass searchtwice per week roa	08/17/2021	eastern red bat	45	416	carcass search	3-day 90-m cleared plot	scavenged	yes
08/17/2021 hoary bat18337carcass searchtwice per week road and padscavengedno08/17/2021 hoary bat10343carcass searchtwice per week 70-m uncleared plotscavengedyes08/17/2021 hoary bat21407carcass search3-day 90-m cleared plotscavengedyes08/17/2021 hoary bat27411carcass search3-day 90-m cleared plotscavengedyes08/17/2021 hoary bat27411carcass search3-day 90-m cleared plotscavengedyes08/17/2021 hoary bat43423carcass search3-day 90-m cleared plotscavengedyes08/17/2021 big brown bat49420carcass search3-day 90-m cleared plotscavengedyes08/19/2021 big brown bat21403carcass search3-day 90-m cleared plotscavengedyes08/19/2021 big brown bat21403carcass search3-day 90-m cleared plotscavengedyes08/19/2021 big brown bat54404carcass search3-day 90-m cleared plotscavengedyes08/19/2021 big brown bat5419carcass searchtwice per week road and padscavengedyes08/19/2021 big brown bat54404carcass search3-day 90-m cleared plotscavengedyes08/19/2021 eastern red bat7202carcass searchtwice per week road and padscavengedyes08/19/2021 eastern red bat64212carcass searcht	08/17/2021	eastern red bat	62	424	carcass search	3-day 90-m cleared plot	scavenged	yes
08/17/2021 hoary bat10343carcass searchtwice per week 70-m uncleared plotscavengedyes08/17/2021 hoary bat21407carcass search3-day 90-m cleared plotscavengedyes08/17/2021 hoary bat18407carcass search3-day 90-m cleared plotscavengedyes08/17/2021 hoary bat27411carcass search3-day 90-m cleared plotintactyes08/17/2021 hoary bat43423carcass search3-day 90-m cleared plotscavengedyes08/17/2021 silver-haired bat49420carcass search3-day 90-m cleared plotscavengedyes08/19/2021 big brown bat26403carcass search3-day 90-m cleared plotscavengedyes08/19/2021 big brown bat21403carcass search3-day 90-m cleared plotscavengedyes08/19/2021 big brown bat5419carcass search3-day 90-m cleared plotscavengedyes08/19/2021 big brown bat7427carcass search3-day 90-m cleared plotscavengedno08/19/2021 big brown bat7202carcass searchtwice per week road and padscavengedyes08/19/2021 eastern red bat7202carcass searchtwice per week 70-m uncleared plotscavengedyes08/19/2021 eastern red bat78402carcass searchtwice per week 70-m uncleared plotscavengedyes08/19/2021 eastern red bat78402carca				431	carcass search	3-day 90-m cleared plot	scavenged	yes
08/17/2021 hoary bat21407carcass search3-day 90-m cleared plotscavengedyes08/17/2021 hoary bat18407carcass search3-day 90-m cleared plotscavengedyes08/17/2021 hoary bat27411carcass search3-day 90-m cleared plotscavengedyes08/17/2021 hoary bat27411carcass search3-day 90-m cleared plotscavengedyes08/17/2021 hoary bat43423carcass search3-day 90-m cleared plotscavengedyes08/17/2021 silver-haired bat49420carcass search3-day 90-m cleared plotscavengedyes08/19/2021 big brown bat26403carcass search3-day 90-m cleared plotscavengedyes08/19/2021 big brown bat21403carcass search3-day 90-m cleared plotscavengedyes08/19/2021 big brown bat54404carcass search3-day 90-m cleared plotscavengedyes08/19/2021 big brown bat5419carcass searchtwice per week road and padscavengedno08/19/2021 big brown bat7427carcass searchtwice per week road and padscavengedyes08/19/2021 eastern red bat7202carcass searchtwice per week 70-m uncleared plotscavengedyes08/19/2021 eastern red bat64212carcass search3-day 90-m cleared plotscavengedyes08/19/2021 eastern red bat78402carcass search					carcass search			no
08/17/2021 hoary bat18407carcass search3-day 90-m cleared plotscavengedyes08/17/2021 hoary bat27411carcass search3-day 90-m cleared plotintactyes08/17/2021 hoary bat55416carcass search3-day 90-m cleared plotscavengedyes08/17/2021 hoary bat43423carcass search3-day 90-m cleared plotscavengedyes08/17/2021 silver-haired bat49420carcass search3-day 90-m cleared plotscavengedyes08/19/2021 big brown bat26403carcass search3-day 90-m cleared plotintactyes08/19/2021 big brown bat54404carcass search3-day 90-m cleared plotscavengedyes08/19/2021 big brown bat54404carcass search3-day 90-m cleared plotscavengedyes08/19/2021 big brown bat5419carcass search3-day 90-m cleared plotscavengedyes08/19/2021 big brown bat7427carcass searchtwice per week road and padscavengedyes08/19/2021 eastern red bat7202carcass searchtwice per week 70-m uncleared plotscavengedyes08/19/2021 eastern red bat78402carcass searchtwice per week 70-m uncleared plotscavengedyes08/19/2021 eastern red bat78402carcass search3-day 90-m cleared plotscavengedyes08/19/2021 eastern red bat78402carcass sea				343	carcass search	twice per week 70-m uncleared plot	scavenged	yes
08/17/2021 hoary bat27411carcass search3-day 90-m cleared plotintactyes08/17/2021 hoary bat55416carcass search3-day 90-m cleared plotscavengedyes08/17/2021 hoary bat43423carcass search3-day 90-m cleared plotscavengedyes08/17/2021 silver-haired bat49420carcass search3-day 90-m cleared plotscavengedyes08/19/2021 big brown bat26403carcass search3-day 90-m cleared plotintactyes08/19/2021 big brown bat54404carcass search3-day 90-m cleared plotdismemberedyes08/19/2021 big brown bat54404carcass search3-day 90-m cleared plotscavengedyes08/19/2021 big brown bat54404carcass search3-day 90-m cleared plotscavengedno08/19/2021 big brown bat7427carcass search3-day 90-m cleared plotscavengedno08/19/2021 eastern red bat7202carcass searchtwice per week road and padscavengedyes08/19/2021 eastern red bat52211carcass searchtwice per week 70-m uncleared plotintactyes08/19/2021 eastern red bat64212carcass search3-day 90-m cleared plotscavengedyes08/19/2021 eastern red bat78402carcass search3-day 90-m cleared plotscavengedyes08/19/2021 eastern red bat78402carcass search <td>08/17/2021</td> <td>hoary bat</td> <td>21</td> <td>407</td> <td>carcass search</td> <td>3-day 90-m cleared plot</td> <td>scavenged</td> <td>yes</td>	08/17/2021	hoary bat	21	407	carcass search	3-day 90-m cleared plot	scavenged	yes
08/17/2021 hoary bat55416carcass search3-day 90-m cleared plotscavengedyes08/17/2021 hoary bat43423carcass search3-day 90-m cleared plotscavengedyes08/17/2021 silver-haired bat49420carcass search3-day 90-m cleared plotscavengedyes08/19/2021 big brown bat26403carcass search3-day 90-m cleared plotintactyes08/19/2021 big brown bat21403carcass search3-day 90-m cleared plotdismemberedyes08/19/2021 big brown bat54404carcass search3-day 90-m cleared plotscavengedyes08/19/2021 big brown bat5419carcass search3-day 90-m cleared plotscavengedyes08/19/2021 big brown bat7427carcass searchtwice per week road and padscavengedno08/19/2021 eastern red bat72202carcass searchtwice per week 70-m uncleared plotscavengedyes08/19/2021 eastern red bat64212carcass search3-day 90-m cleared plotscavengedyes08/19/2021 eastern red bat78402carcass search3-day 90-m cleared plotscavengedyes08/19/2021 eastern red bat54402carcass search3-day 90-m cleared plotscavengedyes08/19/2021 eastern red bat54402carcass search3-day 90-m cleared plotscavengedyes08/19/2021 eastern red bat54402carca	08/17/2021	hoary bat	18	407	carcass search	3-day 90-m cleared plot	scavenged	yes
08/17/2021 hoary bat43423carcass search3-day 90-m cleared plotscavengedyes08/17/2021 silver-haired bat49420carcass search3-day 90-m cleared plotscavengedyes08/19/2021 big brown bat26403carcass search3-day 90-m cleared plotintactyes08/19/2021 big brown bat21403carcass search3-day 90-m cleared plotismemberedyes08/19/2021 big brown bat54404carcass search3-day 90-m cleared plotscavengedyes08/19/2021 big brown bat5419carcass search3-day 90-m cleared plotscavengedno08/19/2021 big brown bat7427carcass searchtwice per week road and padscavengedno08/19/2021 eastern red bat7202carcass searchtwice per week road and padscavengedyes08/19/2021 eastern red bat52211carcass searchtwice per week 70-m uncleared plotscavengedyes08/19/2021 eastern red bat64212carcass searchtwice per week 70-m uncleared plotscavengedyes08/19/2021 eastern red bat78402carcass search3-day 90-m cleared plotscavengedyes08/19/2021 eastern red bat54402carcass search3-day 90-m cleared plotscavengedyes08/19/2021 eastern red bat54402carcass search3-day 90-m cleared plotscavengedyes08/19/2021 eastern red bat54 <td< td=""><td>08/17/2021</td><td>hoary bat</td><td>27</td><td>411</td><td>carcass search</td><td>3-day 90-m cleared plot</td><td>intact</td><td>yes</td></td<>	08/17/2021	hoary bat	27	411	carcass search	3-day 90-m cleared plot	intact	yes
08/17/2021 silver-haired bat49420carcass search3-day 90-m cleared plotscavengedyes08/19/2021 big brown bat26403carcass search3-day 90-m cleared plotintactyes08/19/2021 big brown bat21403carcass search3-day 90-m cleared plotdismemberedyes08/19/2021 big brown bat54404carcass search3-day 90-m cleared plotscavengedyes08/19/2021 big brown bat5419carcass search3-day 90-m cleared plotscavengedyes08/19/2021 big brown bat7427carcass searchtwice per week road and padscavengedno08/19/2021 eastern red bat7202carcass searchtwice per week road and padscavengedyes08/19/2021 eastern red bat52211carcass searchtwice per week 70-m uncleared plotscavengedyes08/19/2021 eastern red bat64212carcass searchtwice per week 70-m uncleared plotscavengedyes08/19/2021 eastern red bat78402carcass search3-day 90-m cleared plotscavengedyes08/19/2021 eastern red bat74402carcass search3-day 90-m cleared plotscavengedyes08/19/2021 eastern red bat78402carcass search3-day 90-m cleared plotscavengedyes08/19/2021 eastern red bat74402carcass search3-day 90-m cleared plotscavengedyes08/19/2021 eastern red bat74	08/17/2021	hoary bat	55	416	carcass search	3-day 90-m cleared plot	scavenged	yes
08/19/2021 big brown bat26403carcass search3-day 90-m cleared plotintactyes08/19/2021 big brown bat21403carcass search3-day 90-m cleared plotdismemberedyes08/19/2021 big brown bat54404carcass search3-day 90-m cleared plotscavengedyes08/19/2021 big brown bat5419carcass search3-day 90-m cleared plotscavengedyes08/19/2021 big brown bat7427carcass searchtwice per week road and padscavengedno08/19/2021 eastern red bat7202carcass searchtwice per week road and padscavengedyes08/19/2021 eastern red bat52211carcass searchtwice per week 70-m uncleared plotscavengedyes08/19/2021 eastern red bat64212carcass searchtwice per week 70-m uncleared plotscavengedyes08/19/2021 eastern red bat78402carcass searchtwice per week 70-m uncleared plotscavengedyes08/19/2021 eastern red bat74402carcass search3-day 90-m cleared plotscavengedyes08/19/2021 eastern red bat </td <td>08/17/2021</td> <td>hoary bat</td> <td>43</td> <td>423</td> <td>carcass search</td> <td>3-day 90-m cleared plot</td> <td>scavenged</td> <td>yes</td>	08/17/2021	hoary bat	43	423	carcass search	3-day 90-m cleared plot	scavenged	yes
08/19/2021 big brown bat21403carcass search3-day 90-m cleared plotdismemberedyes08/19/2021 big brown bat54404carcass search3-day 90-m cleared plotscavengedyes08/19/2021 big brown bat5419carcass search3-day 90-m cleared plotscavengedno08/19/2021 big brown bat7427carcass searchtwice per week road and padscavengedno08/19/2021 eastern red bat7202carcass searchtwice per week road and padscavengedyes08/19/2021 eastern red bat52211carcass searchtwice per week 70-m uncleared plotscavengedyes08/19/2021 eastern red bat64212carcass searchtwice per week 70-m uncleared plotscavengedyes08/19/2021 eastern red bat78402carcass search3-day 90-m cleared plotscavengedyes08/19/2021 eastern red bat54402carcass search3-day 90-m cleared plotscavengedyes08/19/2021 eastern red bat7420carcass search3-day 90-m cleared plotscavengedyes08/19/2021 eastern red bat74405carcass search3-day 90-m cleared plotscavengedyes08/19/2021 eastern red bat76405carcass search3-day 90-m cleared plotscavengedyes08/19/2021 eastern red bat76405carcass search3-day 90-m cleared plotscavengedyes08/19/2021 eastern red bat7	08/17/2021	silver-haired bat	49	420	carcass search	3-day 90-m cleared plot	scavenged	yes
08/19/2021 big brown bat54404carcass search3-day 90-m cleared plotscavengedyes08/19/2021 big brown bat5419carcass searchtwice per week road and padscavengedno08/19/2021 eastern red bat7202carcass searchtwice per week road and padscavengedyes08/19/2021 eastern red bat7202carcass searchtwice per week road and padscavengedyes08/19/2021 eastern red bat52211carcass searchtwice per week 70-m uncleared plotscavengedyes08/19/2021 eastern red bat64212carcass searchtwice per week 70-m uncleared plotscavengedyes08/19/2021 eastern red bat78402carcass search3-day 90-m cleared plotscavengedyes08/19/2021 eastern red bat54402carcass search3-day 90-m cleared plotscavengedyes08/19/2021 eastern red bat54402carcass search3-day 90-m cleared plotscavengedyes08/19/2021 eastern red bat54402carcass search3-day 90-m cleared plotscavengedyes08/19/2021 eastern red bat7405carcass search3-day 90-m cleared plotscavengedyes08/19/2021 eastern red bat7405carcass search3-day 90-m cleared plotscavengedyes08/19/2021 eastern red bat7405carcass search3-day 90-m cleared plotscavengedyes08/19/2021 eastern red bat	08/19/2021	big brown bat		403	carcass search	3-day 90-m cleared plot	intact	yes
08/19/2021 big brown bat5419carcass searchtwice per week road and padscavengedno08/19/2021 big brown bat7427carcass searchtwice per week road and padscavengedno08/19/2021 eastern red bat7202carcass searchtwice per week road and padscavengedyes08/19/2021 eastern red bat52211carcass searchtwice per week 70-m uncleared plotscavengedyes08/19/2021 eastern red bat64212carcass searchtwice per week 70-m uncleared plotscavengedyes08/19/2021 eastern red bat41321carcass search3-day 90-m cleared plotscavengedyes08/19/2021 eastern red bat78402carcass search3-day 90-m cleared plotscavengedyes08/19/2021 eastern red bat54402carcass search3-day 90-m cleared plotscavengedyes08/19/2021 eastern red bat26405carcass search3-day 90-m cleared plotscavengedyes08/19/2021 eastern red bat7405carcass search3-day 90-m cleared plotscavengedyes08/19/2021 eastern red bat <t< td=""><td>08/19/2021</td><td>big brown bat</td><td>21</td><td>403</td><td>carcass search</td><td>3-day 90-m cleared plot</td><td>dismembered</td><td>yes</td></t<>	08/19/2021	big brown bat	21	403	carcass search	3-day 90-m cleared plot	dismembered	yes
08/19/2021 big brown bat7427carcass searchtwice per week road and padscavengedno08/19/2021 eastern red bat7202carcass searchtwice per week road and padscavengedyes08/19/2021 eastern red bat52211carcass searchtwice per week 70-m uncleared plotscavengedyes08/19/2021 eastern red bat64212carcass searchtwice per week 70-m uncleared plotscavengedyes08/19/2021 eastern red bat41321carcass search3-day 90-m cleared plotscavengedyes08/19/2021 eastern red bat54402carcass search3-day 90-m cleared plotscavengedyes08/19/2021 eastern red bat54402carcass search3-day 90-m cleared plotscavengedyes08/19/2021 eastern red bat26405carcass search3-day 90-m cleared plotscavengedyes08/19/2021 eastern red bat7405carcass search3-day 90-m cleared plotscavengedyes08/19/2021 eastern red bat7405carcass search3-day 90-m cleared plotscavengedyes08/19/2021 eastern red bat7405carcass search3-day 90-m cleared plotscavengedyes08/19/2021 eastern red bat30418carcass search3-day 90-m cleared plotscavengedyes08/19/2021 eastern red bat19419carcass search3-day 90-m cleared plotscavengedyes08/19/2021 eastern red bat<	08/19/2021	big brown bat	54	404	carcass search	3-day 90-m cleared plot	scavenged	yes
08/19/2021 eastern red bat7202carcass searchtwice per week 70-m uncleared plotscavengedyes08/19/2021 eastern red bat52211carcass searchtwice per week 70-m uncleared plotscavengedyes08/19/2021 eastern red bat64212carcass searchtwice per week 70-m uncleared plotscavengedyes08/19/2021 eastern red bat41321carcass searchtwice per week 70-m uncleared plotscavengedyes08/19/2021 eastern red bat78402carcass search3-day 90-m cleared plotscavengedyes08/19/2021 eastern red bat54402carcass search3-day 90-m cleared plotscavengedyes08/19/2021 eastern red bat26405carcass search3-day 90-m cleared plotscavengedyes08/19/2021 eastern red bat7405carcass search3-day 90-m cleared plotscavengedyes08/19/2021 eastern red bat7405carcass search3-day 90-m cleared plotscavengedyes08/19/2021 eastern red bat7405carcass search3-day 90-m cleared plotscavengedyes08/19/2021 eastern red bat30418carcass search3-day 90-m cleared plotscavengedyes08/19/2021 eastern red bat19419carcass searchtwice per week road and padscavengedno08/19/2021 eastern red bat20202carcass searchtwice per week 70-m uncleared plotscavengedno0			5	419	carcass search	twice per week road and pad	scavenged	no
08/19/2021 eastern red bat52211carcass search carcass searchtwice per week 70-m uncleared plotscavengedyes08/19/2021 eastern red bat64212carcass searchtwice per week 70-m uncleared plotintactyes08/19/2021 eastern red bat41321carcass search3-day 90-m cleared plotscavengedyes08/19/2021 eastern red bat54402carcass search3-day 90-m cleared plotscavengedyes08/19/2021 eastern red bat54402carcass search3-day 90-m cleared plotscavengedyes08/19/2021 eastern red bat26405carcass search3-day 90-m cleared plotscavengedyes08/19/2021 eastern red bat7405carcass search3-day 90-m cleared plotscavengedyes08/19/2021 eastern red bat7405carcass search3-day 90-m cleared plotscavengedyes08/19/2021 eastern red bat7405carcass search3-day 90-m cleared plotscavengedyes08/19/2021 eastern red bat30418carcass search3-day 90-m cleared plotscavengedyes08/19/2021 eastern red bat30418carcass searchtwice per week road and padscavengedno08/19/2021 eastern red bat19419carcass searchtwice per week road and padscavengedno08/19/2021 eastern red bat20202carcass searchtwice per week road and padscavengedno08/19/2021	08/19/2021	big brown bat	7	427	carcass search	twice per week road and pad	scavenged	no
08/19/2021 eastern red bat64212carcass searchtwice per week 70-m uncleared plotintactyes08/19/2021 eastern red bat41321carcass searchtwice per week 70-m uncleared plotscavengedyes08/19/2021 eastern red bat78402carcass search3-day 90-m cleared plotscavengedyes08/19/2021 eastern red bat54402carcass search3-day 90-m cleared plotscavengedyes08/19/2021 eastern red bat43402carcass search3-day 90-m cleared plotscavengedyes08/19/2021 eastern red bat26405carcass search3-day 90-m cleared plotscavengedyes08/19/2021 eastern red bat7405carcass search3-day 90-m cleared plotscavengedyes08/19/2021 eastern red bat7405carcass search3-day 90-m cleared plotscavengedyes08/19/2021 eastern red bat7405carcass search3-day 90-m cleared plotscavengedyes08/19/2021 eastern red bat30418carcass search3-day 90-m cleared plotscavengedyes08/19/2021 eastern red bat30418carcass searchtwice per week road and padscavengedno08/19/2021 eastern red bat19419carcass searchtwice per week road and padscavengedno08/19/2021 hoary bat20202carcass searchtwice per week 70-m uncleared plotscavengedyes	08/19/2021	eastern red bat	7	202	carcass search	twice per week 70-m uncleared plot	scavenged	yes
08/19/2021 eastern red bat41321carcass searchtwice per week 70-m uncleared plotscavengedyes08/19/2021 eastern red bat78402carcass search3-day 90-m cleared plotscavengedyes08/19/2021 eastern red bat54402carcass search3-day 90-m cleared plotscavengedyes08/19/2021 eastern red bat43402carcass search3-day 90-m cleared plotscavengedyes08/19/2021 eastern red bat26405carcass search3-day 90-m cleared plotscavengedyes08/19/2021 eastern red bat7405carcass search3-day 90-m cleared plotscavengedyes08/19/2021 eastern red bat7405carcass search3-day 90-m cleared plotscavengedyes08/19/2021 eastern red bat7405carcass search3-day 90-m cleared plotscavengedyes08/19/2021 eastern red bat30418carcass search3-day 90-m cleared plotscavengedyes08/19/2021 eastern red bat19419carcass searchtwice per week road and padscavengedno08/19/2021 hoary bat20202carcass searchtwice per week 70-m uncleared plotscavengedyes	08/19/2021	eastern red bat	52	211	carcass search	twice per week 70-m uncleared plot	scavenged	yes
08/19/2021 eastern red bat78402carcass search3-day 90-m cleared plotscavengedyes08/19/2021 eastern red bat54402carcass search3-day 90-m cleared plotscavengedyes08/19/2021 eastern red bat43402carcass search3-day 90-m cleared plotscavengedyes08/19/2021 eastern red bat26405carcass search3-day 90-m cleared plotscavengedyes08/19/2021 eastern red bat26405carcass search3-day 90-m cleared plotscavengedyes08/19/2021 eastern red bat7405carcass search3-day 90-m cleared plotscavengedyes08/19/2021 eastern red bat7405carcass search3-day 90-m cleared plotscavengedyes08/19/2021 eastern red bat30418carcass search3-day 90-m cleared plotscavengedyes08/19/2021 eastern red bat30418carcass searchtwice per week road and padscavengedno08/19/2021 eastern red bat19419carcass searchtwice per week road and padscavengedno08/19/2021 hoary bat20202carcass searchtwice per week 70-m uncleared plotscavengedyes	08/19/2021	eastern red bat	64	212	carcass search	twice per week 70-m uncleared plot	intact	yes
08/19/2021 eastern red bat54402carcass search3-day 90-m cleared plotscavengedyes08/19/2021 eastern red bat43402carcass search3-day 90-m cleared plotscavengedyes08/19/2021 eastern red bat26405carcass search3-day 90-m cleared plotscavengedyes08/19/2021 eastern red bat7405carcass search3-day 90-m cleared plotscavengedyes08/19/2021 eastern red bat7405carcass search3-day 90-m cleared plotscavengedyes08/19/2021 eastern red bat7405carcass search3-day 90-m cleared plotscavengedyes08/19/2021 eastern red bat30418carcass search3-day 90-m cleared plotscavengedyes08/19/2021 eastern red bat30418carcass searchtwice per week road and padscavengedno08/19/2021 eastern red bat19419carcass searchtwice per week road and padscavengedno08/19/2021 hoary bat20202carcass searchtwice per week 70-m uncleared plotscavengedyes	08/19/2021	eastern red bat	41	321	carcass search	twice per week 70-m uncleared plot	scavenged	yes
08/19/2021 eastern red bat43402carcass search3-day 90-m cleared plotscavengedyes08/19/2021 eastern red bat26405carcass search3-day 90-m cleared plotscavengedyes08/19/2021 eastern red bat7405carcass search3-day 90-m cleared plotscavengedyes08/19/2021 eastern red bat7405carcass search3-day 90-m cleared plotscavengedyes08/19/2021 eastern red bat42405carcass search3-day 90-m cleared plotscavengedyes08/19/2021 eastern red bat30418carcass searchtwice per week road and padscavengedno08/19/2021 eastern red bat19419carcass searchtwice per week road and padscavengedno08/19/2021 hoary bat20202carcass searchtwice per week 70-m uncleared plotscavengedyes	08/19/2021	eastern red bat	78	402	carcass search	3-day 90-m cleared plot	scavenged	yes
08/19/2021 eastern red bat26405carcass search3-day 90-m cleared plotscavengedyes08/19/2021 eastern red bat7405carcass search3-day 90-m cleared plotscavengedyes08/19/2021 eastern red bat42405carcass search3-day 90-m cleared plotscavengedyes08/19/2021 eastern red bat42405carcass search3-day 90-m cleared plotscavengedyes08/19/2021 eastern red bat30418carcass searchtwice per week road and padscavengedno08/19/2021 eastern red bat19419carcass searchtwice per week road and padscavengedno08/19/2021 hoary bat20202carcass searchtwice per week road and padscavengedyes	08/19/2021	eastern red bat	54	402	carcass search	3-day 90-m cleared plot	scavenged	yes
08/19/2021 eastern red bat7405carcass search3-day 90-m cleared plotscavengedyes08/19/2021 eastern red bat42405carcass search3-day 90-m cleared plotscavengedyes08/19/2021 eastern red bat30418carcass searchtwice per week road and padscavengedno08/19/2021 eastern red bat19419carcass searchtwice per week road and padscavengedno08/19/2021 hoary bat20202carcass searchtwice per week road and padscavengedno	08/19/2021	eastern red bat	43	402	carcass search	3-day 90-m cleared plot	scavenged	yes
08/19/2021 eastern red bat42405carcass search3-day 90-m cleared plotscavengedyes08/19/2021 eastern red bat30418carcass searchtwice per week road and padscavengedno08/19/2021 eastern red bat19419carcass searchtwice per week road and padscavengedno08/19/2021 hoary bat20202carcass searchtwice per week road and padscavengedno	08/19/2021	eastern red bat	26	405	carcass search	3-day 90-m cleared plot	scavenged	yes
08/19/2021 eastern red bat30418carcass searchtwice per week road and padscavengedno08/19/2021 eastern red bat19419carcass searchtwice per week road and padscavengedno08/19/2021 hoary bat20202carcass searchtwice per week road and padscavengedno	08/19/2021	eastern red bat	7	405	carcass search	3-day 90-m cleared plot	scavenged	yes
08/19/2021 eastern red bat19419carcass searchtwice per week road and padscavengedno08/19/2021 hoary bat20202carcass searchtwice per week 70-m uncleared plotscavengedyes	08/19/2021	eastern red bat	42	405	carcass search	3-day 90-m cleared plot	scavenged	yes
08/19/2021 hoary bat 20 202 carcass search twice per week 70-m uncleared plot scavenged yes	08/19/2021	eastern red bat	30	418	carcass search	twice per week road and pad	scavenged	no
	08/19/2021	eastern red bat	19	419	carcass search	twice per week road and pad	scavenged	no
	08/19/2021	hoary bat	20	202	carcass search	twice per week 70-m uncleared plot	scavenged	yes
08/19/2021 hoary bat 25 401 carcass search 3-day 90-m cleared plot scavenged yes	08/19/2021	hoary bat	25	401	carcass search	3-day 90-m cleared plot	scavenged	yes
08/19/2021 hoary bat 29 404 carcass search 3-day 90-m cleared plot scavenged yes	08/19/2021	hoary bat	29	404	carcass search	3-day 90-m cleared plot	scavenged	•
08/19/2021 hoary bat 85 405 carcass search 3-day 90-m cleared plot scavenged yes	08/19/2021	hoary bat	85	405	carcass search	3-day 90-m cleared plot	scavenged	-
08/19/2021 hoary bat 19 405 carcass search 3-day 90-m cleared plot scavenged yes	08/19/2021	hoary bat	19	405	carcass search	3-day 90-m cleared plot	scavenged	•
08/20/2021 big brown bat 29 313 carcass search twice per week 70-m uncleared plot scavenged yes	08/20/2021	big brown bat	29	313	carcass search	twice per week 70-m uncleared plot	scavenged	•

Appendix A. Carcasses found at the Timber Road Wind Farm, Paulding County, Ohio, from April 1 – May 15 and August 1 – October 16, 2021.

Found		Distance	-		-	Physical	Aided
Date	Species	from Turbine	Turbine	Search Type	Search Area Type	Condition	Search
	1 big brown bat	38	318	carcass search	twice per week 70-m cleared plot	scavenged	yes
08/20/2021	1 big brown bat	17	337	carcass search	twice per week road and pad	scavenged	no
08/20/2021	1 big brown bat	25	337	carcass search	twice per week road and pad	scavenged	no
08/20/2021	1 big brown bat	29	414	carcass search	3-day 90-m cleared plot	scavenged	yes
08/20/2021	1 big brown bat	22	420	carcass search	3-day 90-m cleared plot	scavenged	yes
08/20/2021	1 big brown bat	46	431	carcass search	3-day 90-m cleared plot	scavenged	yes
08/20/2021	1 eastern red bat	22	311	carcass search	twice per week 70-m uncleared plot	scavenged	yes
08/20/2021	1 eastern red bat	29	315	carcass search	twice per week 70-m uncleared plot	scavenged	yes
08/20/2021	1 eastern red bat	71	318	carcass search**	twice per week 70-m cleared plot	scavenged	yes
08/20/2021	1 eastern red bat	9	319	carcass search	twice per week 70-m uncleared plot	scavenged	yes
08/20/2021	1 eastern red bat	60	319	carcass search	twice per week 70-m uncleared plot	scavenged	yes
08/20/2021	1 eastern red bat	19	334	carcass search	twice per week road and pad	scavenged	no
08/20/2021	1 eastern red bat	37	420	carcass search	3-day 90-m cleared plot	scavenged	yes
08/20/2021	1 eastern red bat	15	420	carcass search	3-day 90-m cleared plot	scavenged	yes
08/20/2021	1 eastern red bat	32	423	carcass search	3-day 90-m cleared plot	scavenged	yes
08/20/2021	1 eastern red bat	42	423	carcass search	3-day 90-m cleared plot	scavenged	yes
08/20/2021	1 eastern red bat	23	424	carcass search	3-day 90-m cleared plot	scavenged	yes
08/20/2021	1 eastern red bat	66	431	carcass search	3-day 90-m cleared plot	scavenged	yes
08/20/2021	1 eastern red bat	34	431	carcass search	3-day 90-m cleared plot	scavenged	yes
08/20/2021	1 hoary bat	16	313	carcass search	twice per week 70-m uncleared plot	scavenged	yes
08/20/2021	1 hoary bat	66	319	carcass search	twice per week 70-m uncleared plot	scavenged	yes
08/20/2021	1 hoary bat	73	410	carcass search	3-day 90-m cleared plot	scavenged	yes
08/20/2021	1 hoary bat	49	414	carcass search	3-day 90-m cleared plot	scavenged	yes
08/21/2021	1 big brown bat	24	343	carcass search	twice per week 70-m uncleared plot	scavenged	yes
08/21/2021	1 big brown bat	20	345	carcass search	twice per week 70-m uncleared plot	scavenged	yes
08/21/2021	1 eastern red bat	57	329	carcass search	twice per week 70-m uncleared plot	scavenged	yes
08/21/2021	1 eastern red bat	35	346	carcass search	twice per week 70-m uncleared plot	scavenged	yes
08/22/2021	1 big brown bat	30	403	carcass search	3-day 90-m cleared plot	scavenged	yes
08/22/2021	1 big brown bat	16	403	carcass search	3-day 90-m cleared plot	scavenged	yes
08/22/2021	1 eastern red bat	51	202	carcass search	twice per week 70-m uncleared plot	scavenged	yes
08/22/2021	1 eastern red bat	44	203	carcass search	twice per week 70-m uncleared plot	scavenged	yes
08/22/2021	1 eastern red bat	17	207	carcass search	twice per week 70-m uncleared plot	scavenged	yes
08/22/2021	1 eastern red bat	56	401	carcass search	3-day 90-m cleared plot	scavenged	yes
08/22/2021	1 eastern red bat	58	401	carcass search	3-day 90-m cleared plot	scavenged	yes
08/22/2021	1 hoary bat	24	401	carcass search	3-day 90-m cleared plot	scavenged	yes
08/23/2021	1 big brown bat	25	232	carcass search	twice per week road and pad	intact	no

Appendix A. Carcasses found at the Timber Road Wind Farm, Paulding County, Ohio, from April 1 – May 15 and August 1 – October 16, 2021.

Found		Distance	-			Physical	Aided
Date	Species	from Turbine	Turbine	Search Type	Search Area Type	Condition	Search
08/23/2021	big brown bat	7	311	carcass search	twice per week 70-m uncleared plot	intact	yes
08/23/2021	big brown bat	34	315	carcass search	twice per week 70-m uncleared plot	intact	yes
	big brown bat	9	344	incidental	twice per week road and pad	intact	no
08/23/2021	big brown bat	61	405	incidental	3-day 90-m cleared plot	intact	yes
	big brown bat	34	407	carcass search	3-day 90-m cleared plot	scavenged	yes
08/23/2021	big brown bat	68	412	carcass search	twice per week road and pad	dismembered	no
08/23/2021	big brown bat	27	412	carcass search	twice per week road and pad	scavenged	no
08/23/2021	big brown bat	23	413	carcass search	twice per week road and pad	scavenged	no
08/23/2021	big brown bat	59	414	carcass search	3-day 90-m cleared plot	scavenged	yes
08/23/2021	big brown bat	16	417	carcass search	twice per week road and pad	scavenged	no
08/23/2021	big brown bat	40	420	carcass search	3-day 90-m cleared plot	intact	yes
08/23/2021	big brown bat	8	421	carcass search	twice per week road and pad	intact	no
08/23/2021	eastern red bat	42	229	carcass search	twice per week 70-m uncleared plot	scavenged	yes
08/23/2021	eastern red bat	33	231	carcass search	twice per week 70-m uncleared plot	scavenged	yes
08/23/2021	eastern red bat	1	325	carcass search	twice per week 70-m cleared plot	scavenged	yes
08/23/2021	eastern red bat	70	325	carcass search	twice per week 70-m cleared plot	scavenged	yes
08/23/2021	eastern red bat	30	343	carcass search	twice per week 70-m uncleared plot	scavenged	yes
08/23/2021	eastern red bat	83	411	carcass search	3-day 90-m cleared plot	intact	yes
08/23/2021	eastern red bat	38	414	carcass search	3-day 90-m cleared plot	scavenged	yes
08/23/2021	eastern red bat	3	415	carcass search	3-day 90-m cleared plot	intact	yes
08/23/2021	eastern red bat	83	420	carcass search	3-day 90-m cleared plot	intact	yes
08/23/2021	eastern red bat	25	420	carcass search	3-day 90-m cleared plot	scavenged	yes
08/23/2021	eastern red bat	52	423	carcass search	3-day 90-m cleared plot	scavenged	yes
08/23/2021	hoary bat	44	313	carcass search	twice per week 70-m uncleared plot	scavenged	yes
08/23/2021	hoary bat	23	327	carcass search	twice per week 70-m uncleared plot	intact	yes
08/23/2021	hoary bat	22	407	carcass search	3-day 90-m cleared plot	intact	yes
08/23/2021	hoary bat	19	425	carcass search	twice per week road and pad	dismembered	no
08/24/2021	big brown bat	40	245	carcass search	twice per week 70-m cleared plot	intact	yes
08/24/2021	big brown bat	39	333	carcass search	twice per week 70-m uncleared plot	scavenged	yes
08/24/2021	big brown bat	36	333	carcass search	twice per week 70-m uncleared plot	scavenged	yes
	big brown bat	18	342	carcass search	twice per week 70-m uncleared plot	scavenged	yes
	big brown bat	29	344	carcass search	twice per week road and pad	scavenged	no
08/24/2021	big brown bat	23	345	carcass search	twice per week 70-m uncleared plot	scavenged	yes
	eastern red bat	34	239	carcass search	twice per week 70-m cleared plot	intact	yes
08/24/2021	eastern red bat	18	338	carcass search	twice per week 70-m uncleared plot	scavenged	yes
08/24/2021	eastern red bat	62	338	carcass search	twice per week 70-m uncleared plot	•	yes
						0	-

Appendix A. Carcasses found at the Timber Road Wind Farm, Paulding County, Ohio, from April 1 – May 15 and August 1 – October 16, 2021.

Found		Distance	-		-	Physical	Aided
Date	Species	from Turbine	Turbine	Search Type	Search Area Type	Condition	Search
08/24/2021	eastern red bat	23	342	carcass search	twice per week 70-m uncleared plot	scavenged	yes
08/24/2021	eastern red bat	76	342	carcass search**	twice per week 70-m uncleared plot	scavenged	yes
08/24/2021	eastern red bat	19	344	carcass search	twice per week road and pad	scavenged	no
08/24/2021	hoary bat	25	332	carcass search	twice per week 70-m uncleared plot	intact	yes
08/24/2021		20	333	carcass search	twice per week 70-m uncleared plot	scavenged	yes
08/24/2021		48	338	carcass search	twice per week 70-m uncleared plot	scavenged	yes
08/24/2021	hoary bat	56	338	carcass search	twice per week 70-m uncleared plot	scavenged	yes
08/24/2021	hoary bat	12	348	carcass search**	twice per week road and pad	scavenged	no
08/25/2021	big brown bat	13	403	carcass search	3-day 90-m cleared plot	scavenged	yes
08/25/2021	eastern red bat	11	401	carcass search	3-day 90-m cleared plot	scavenged	yes
08/25/2021	eastern red bat	46	401	carcass search	3-day 90-m cleared plot	scavenged	yes
08/25/2021	eastern red bat	16	403	carcass search	3-day 90-m cleared plot	intact	yes
08/25/2021	hoary bat	50	401	carcass search	3-day 90-m cleared plot	scavenged	yes
08/25/2021	hoary bat	26	402	carcass search	3-day 90-m cleared plot	intact	yes
08/26/2021	big brown bat	5	223	carcass search	twice per week road and pad	scavenged	no
08/26/2021	big brown bat	14	409	carcass search	twice per week road and pad	scavenged	no
08/26/2021	big brown bat	26	413	carcass search	twice per week road and pad	scavenged	no
08/26/2021	big brown bat	26	414	carcass search	3-day 90-m cleared plot	scavenged	yes
08/26/2021	big brown bat	16	420	carcass search	3-day 90-m cleared plot	scavenged	yes
08/26/2021	big brown bat	26	421	carcass search	twice per week road and pad	scavenged	no
	big brown bat	46	424	carcass search	3-day 90-m cleared plot	scavenged	yes
08/26/2021	big brown bat	69	424	carcass search	3-day 90-m cleared plot	intact	yes
08/26/2021	big brown bat	10	430	carcass search	twice per week road and pad	scavenged	no
08/26/2021	big brown bat	13	431	carcass search	3-day 90-m cleared plot	scavenged	yes
08/26/2021	eastern red bat	68	203	carcass search	twice per week 70-m uncleared plot	scavenged	yes
08/26/2021	eastern red bat	11	208	carcass search	twice per week 70-m uncleared plot	intact	yes
08/26/2021	eastern red bat	27	210	carcass search	twice per week 70-m uncleared plot	scavenged	yes
08/26/2021	eastern red bat	35	210	carcass search	twice per week 70-m uncleared plot	scavenged	yes
08/26/2021	eastern red bat	49	219	carcass search	twice per week 70-m uncleared plot	scavenged	yes
08/26/2021	eastern red bat	63	226	carcass search	twice per week 70-m uncleared plot	scavenged	yes
08/26/2021	eastern red bat	94	410	carcass search**	3-day 90-m cleared plot	scavenged	yes
08/26/2021	eastern red bat	27	411	carcass search	3-day 90-m cleared plot	scavenged	yes
08/26/2021	eastern red bat	59	415	carcass search	3-day 90-m cleared plot	scavenged	yes
08/26/2021	eastern red bat	5	423	carcass search	3-day 90-m cleared plot	scavenged	yes
08/26/2021	eastern red bat	27	423	carcass search	3-day 90-m cleared plot	intact	yes
	eastern red bat	25	431	carcass search	3-day 90-m cleared plot	scavenged	yes
						0	

Appendix A. Carcasses found at the Timber Road Wind Farm, Paulding County, Ohio, from April 1 – May 15 and August 1 – October 16, 2021.

Found	-	Distance		-	-	Physical	Aided
Date	Species	from Turbine	Turbine	Search Type	Search Area Type	Condition	Search
08/26/2021	evening bat	25	208	carcass search	twice per week 70-m uncleared plot	intact	yes
08/26/2021	hoary bat	16	222	carcass search	twice per week road and pad	scavenged	no
08/26/2021	hoary bat	1	227	carcass search	twice per week road and pad	scavenged	no
08/26/2021	hoary bat	11	412	carcass search	twice per week road and pad	scavenged	no
08/26/2021	hoary bat	56	423	carcass search	3-day 90-m cleared plot	scavenged	yes
08/26/2021	hoary bat	1	426	carcass search	twice per week road and pad	scavenged	no
08/26/2021	Seminole bat	58	423	carcass search	3-day 90-m cleared plot	intact	yes
08/27/2021	big brown bat	24	238	carcass search	twice per week 70-m cleared plot	scavenged	yes
08/27/2021	big brown bat	48	303	carcass search	twice per week 70-m uncleared plot	scavenged	yes
08/27/2021	big brown bat	54	305	carcass search	twice per week road and pad	scavenged	no
08/27/2021	big brown bat	22	318	carcass search	twice per week 70-m cleared plot	scavenged	yes
08/27/2021	big brown bat	21	320	carcass search	twice per week road and pad	scavenged	no
08/27/2021	big brown bat	27	321	carcass search	twice per week 70-m uncleared plot	scavenged	yes
	big brown bat	8	321	carcass search	twice per week 70-m uncleared plot	scavenged	yes
08/27/2021	big brown bat	54	344	carcass search	twice per week road and pad	scavenged	no
08/27/2021	eastern red bat	30	241	carcass search	twice per week 70-m uncleared plot	scavenged	yes
08/28/2021	big brown bat	20	239	carcass search	twice per week 70-m cleared plot	intact	yes
08/28/2021	big brown bat	36	239	carcass search	twice per week 70-m cleared plot	scavenged	yes
08/28/2021	big brown bat	35	331	carcass search	twice per week 70-m uncleared plot	dismembered	yes
08/28/2021	big brown bat	40	338	carcass search	twice per week 70-m uncleared plot	intact	yes
08/28/2021	big brown bat	2	338	carcass search	twice per week 70-m uncleared plot	intact	yes
08/28/2021	big brown bat	14	347	carcass search	twice per week 70-m uncleared plot	scavenged	yes
08/28/2021	big brown bat	50	407	carcass search	3-day 90-m cleared plot	dismembered	yes
08/28/2021	eastern red bat	44	252	carcass search	twice per week 70-m cleared plot	scavenged	yes
08/28/2021	eastern red bat	35	338	carcass search	twice per week 70-m uncleared plot	scavenged	yes
08/28/2021	eastern red bat	28	346	carcass search	twice per week 70-m uncleared plot	scavenged	yes
08/28/2021	eastern red bat	41	346	carcass search	twice per week 70-m uncleared plot	scavenged	yes
08/28/2021	eastern red bat	11	402	carcass search	3-day 90-m cleared plot	intact	yes
08/28/2021	eastern red bat	22	402	carcass search	3-day 90-m cleared plot	intact	yes
08/28/2021	eastern red bat	51	403	carcass search	3-day 90-m cleared plot	scavenged	yes
08/28/2021	eastern red bat	5	404	carcass search	3-day 90-m cleared plot	scavenged	yes
08/28/2021	eastern red bat	15	407	carcass search	3-day 90-m cleared plot	intact	yes
08/28/2021		32	339	carcass search	twice per week 70-m uncleared plot	intact	yes
08/28/2021	hoary bat	13	343	carcass search	twice per week 70-m uncleared plot	intact	yes
08/28/2021		38	402	carcass search	3-day 90-m cleared plot	scavenged	yes
08/28/2021	unidentified bat	88	328	carcass search**	twice per week 70-m uncleared plot	scavenged	yes

Appendix A. Carcasses found at the Timber Road Wind Farm, Paulding County, Ohio, from April 1 – May 15 and August 1 – October 16, 2021.

DateSpeciesfrom TurbineTurbineSearch TypeSearch Area Type08/29/2021big brown bat41211carcass searchtwice per week 70-m uncleared08/29/2021big brown bat18219carcass searchtwice per week 70-m uncleared08/29/2021big brown bat33405carcass search3-day 90-m cleared plot08/29/2021big brown bat32405carcass search3-day 90-m cleared plot08/29/2021big brown bat14405carcass search3-day 90-m cleared plot08/29/2021big brown bat14405carcass search3-day 90-m cleared plot08/29/2021big brown bat14405carcass search3-day 90-m cleared plot08/29/2021big brown bat13203carcass search3-day 90-m cleared plot08/29/2021eastern red bat7203carcass searchtwice per week 70-m uncleared08/29/2021eastern red bat31210carcass searchtwice per week 70-m uncleared08/29/2021eastern red bat31210carcass searchtwice per week 70-m uncleared08/29/2021eastern red bat31238incidentaltwice per week 70-m uncleared08/29/2021eastern red bat31238incidentaltwice per week 70-m cleared08/29/2021eastern red bat31238incidentaltwice per week 70-m cleared08/29/2021eastern red bat31238incidenta	ed plot scavenged t scavenged t scavenged t scavenged t scavenged t scavenged ed plot scavenged ed plot intact ed plot scavenged	Yes yes yes yes yes yes yes yes
08/29/2021 big brown bat18219carcass searchtwice per week 70-m uncleared08/29/2021 big brown bat33405carcass search3-day 90-m cleared plot08/29/2021 big brown bat32405carcass search3-day 90-m cleared plot08/29/2021 big brown bat14405carcass search3-day 90-m cleared plot08/29/2021 big brown bat14405carcass search3-day 90-m cleared plot08/29/2021 big brown bat43415carcass search3-day 90-m cleared plot08/29/2021 eastern red bat7203carcass search3-day 90-m cleared plot08/29/2021 eastern red bat39203carcass searchtwice per week 70-m uncleared08/29/2021 eastern red bat58204carcass searchtwice per week 70-m uncleared08/29/2021 eastern red bat31210carcass searchtwice per week 70-m uncleared08/29/2021 eastern red bat31238incidentaltwice per week 70-m cleared08/29/2021 eastern red bat29401carcass search3-day 90-m cleared	ed plot scavenged t scavenged t scavenged t scavenged t scavenged t scavenged ed plot scavenged ed plot intact ed plot scavenged	yes yes yes yes yes yes yes
08/29/2021 big brown bat33405carcass search3-day 90-m cleared plot08/29/2021 big brown bat32405carcass search3-day 90-m cleared plot08/29/2021 big brown bat14405carcass search3-day 90-m cleared plot08/29/2021 big brown bat14405carcass search3-day 90-m cleared plot08/29/2021 big brown bat43415carcass search3-day 90-m cleared plot08/29/2021 eastern red bat7203carcass searchtwice per week 70-m uncleared08/29/2021 eastern red bat39203carcass searchtwice per week 70-m uncleared08/29/2021 eastern red bat31210carcass searchtwice per week 70-m uncleared08/29/2021 eastern red bat31238incidentaltwice per week 70-m cleared08/29/2021 eastern red bat29401carcass search3-day 90-m cleared	t scavenged t scavenged t scavenged t scavenged ed plot scavenged ed plot intact ed plot scavenged	yes yes yes yes yes yes
08/29/2021 big brown bat32405carcass search3-day 90-m cleared plot08/29/2021 big brown bat14405carcass search3-day 90-m cleared plot08/29/2021 big brown bat43415carcass search3-day 90-m cleared plot08/29/2021 eastern red bat7203carcass search3-day 90-m cleared plot08/29/2021 eastern red bat7203carcass searchtwice per week 70-m uncleared08/29/2021 eastern red bat39203carcass searchtwice per week 70-m uncleared08/29/2021 eastern red bat58204carcass searchtwice per week 70-m uncleared08/29/2021 eastern red bat31210carcass searchtwice per week 70-m uncleared08/29/2021 eastern red bat31238incidentaltwice per week 70-m cleared08/29/2021 eastern red bat29401carcass search3-day 90-m cleared plot	t scavenged t scavenged t scavenged ed plot scavenged ed plot intact ed plot scavenged	yes yes yes yes yes
08/29/2021 big brown bat14405carcass search3-day 90-m cleared plot08/29/2021 big brown bat43415carcass search3-day 90-m cleared plot08/29/2021 eastern red bat7203carcass searchtwice per week 70-m uncleared08/29/2021 eastern red bat39203carcass searchtwice per week 70-m uncleared08/29/2021 eastern red bat58204carcass searchtwice per week 70-m uncleared08/29/2021 eastern red bat31210carcass searchtwice per week 70-m uncleared08/29/2021 eastern red bat31210carcass searchtwice per week 70-m uncleared08/29/2021 eastern red bat31238incidentaltwice per week 70-m cleared08/29/2021 eastern red bat29401carcass search3-day 90-m cleared plot	t scavenged t scavenged ed plot scavenged ed plot intact ed plot scavenged	yes yes yes yes
08/29/2021 big brown bat43415carcass search3-day 90-m cleared plot08/29/2021 eastern red bat7203carcass searchtwice per week 70-m uncleared08/29/2021 eastern red bat39203carcass searchtwice per week 70-m uncleared08/29/2021 eastern red bat58204carcass searchtwice per week 70-m uncleared08/29/2021 eastern red bat58204carcass searchtwice per week 70-m uncleared08/29/2021 eastern red bat31210carcass searchtwice per week 70-m uncleared08/29/2021 eastern red bat31238incidentaltwice per week 70-m cleared08/29/2021 eastern red bat29401carcass search3-day 90-m cleared plot	t scavenged ed plot scavenged ed plot intact ed plot scavenged	yes yes yes
08/29/2021eastern red bat7203carcass searchtwice per week 70-m uncleared08/29/2021eastern red bat39203carcass searchtwice per week 70-m uncleared08/29/2021eastern red bat58204carcass searchtwice per week 70-m uncleared08/29/2021eastern red bat31210carcass searchtwice per week 70-m uncleared08/29/2021eastern red bat31210carcass searchtwice per week 70-m uncleared08/29/2021eastern red bat31238incidentaltwice per week 70-m cleared08/29/2021eastern red bat29401carcass search3-day 90-m cleared plot	ed plot scavenged ed plot intact ed plot scavenged	yes yes
08/29/2021 eastern red bat39203carcass searchtwice per week 70-m uncleared08/29/2021 eastern red bat58204carcass searchtwice per week 70-m uncleared08/29/2021 eastern red bat31210carcass searchtwice per week 70-m uncleared08/29/2021 eastern red bat31210carcass searchtwice per week 70-m uncleared08/29/2021 eastern red bat31238incidentaltwice per week 70-m cleared08/29/2021 eastern red bat29401carcass search3-day 90-m cleared plot	ed plot intact ed plot scavenged	yes
08/29/2021 eastern red bat58204carcass searchtwice per week 70-m uncleared08/29/2021 eastern red bat31210carcass searchtwice per week 70-m uncleared08/29/2021 eastern red bat31238incidentaltwice per week 70-m cleared08/29/2021 eastern red bat29401carcass search3-day 90-m cleared plot	ed plot scavenged	•
08/29/2021 eastern red bat31210carcass searchtwice per week 70-m uncleared08/29/2021 eastern red bat31238incidentaltwice per week 70-m cleared08/29/2021 eastern red bat29401carcass search3-day 90-m cleared plot		VOC
08/29/2021 eastern red bat31238incidentaltwice per week 70-m cleared08/29/2021 eastern red bat29401carcass search3-day 90-m cleared plot	ed plot scavenged	yes
08/29/2021 eastern red bat 29 401 carcass search 3-day 90-m cleared plot		yes
, , , , , , , , , , , , , , , , , , ,	d plot intact	yes
08/20/2021 eastern red bat 58 401 carcass search 3-day 90-m cleared plot	t scavenged	yes
	t scavenged	yes
08/29/2021 eastern red bat 17 401 carcass search 3-day 90-m cleared plot	t intact	yes
08/29/2021 eastern red bat 47 405 carcass search 3-day 90-m cleared plot	t scavenged	yes
08/29/2021 eastern red bat 56 405 carcass search 3-day 90-m cleared plot	t scavenged	yes
08/29/2021 eastern red bat 57 405 carcass search 3-day 90-m cleared plot	t scavenged	yes
08/29/2021 eastern red bat 10 411 carcass search 3-day 90-m cleared plot	t scavenged	yes
08/29/2021 eastern red bat 9 411 carcass search 3-day 90-m cleared plot	t scavenged	yes
08/29/2021 eastern red bat 18 411 carcass search 3-day 90-m cleared plot	t scavenged	yes
08/29/2021 eastern red bat 34 411 carcass search 3-day 90-m cleared plot	t scavenged	yes
08/29/2021 eastern red bat 76 414 carcass search 3-day 90-m cleared plot	t intact	yes
08/29/2021 eastern red bat 32 415 carcass search 3-day 90-m cleared plot	t scavenged	yes
08/29/2021 eastern red bat 43 416 carcass search 3-day 90-m cleared plot	t scavenged	yes
08/29/2021 eastern red bat 50 416 carcass search 3-day 90-m cleared plot	t scavenged	yes
08/29/2021 eastern red bat 22 423 carcass search 3-day 90-m cleared plot	t scavenged	yes
08/29/2021 eastern red bat 17 423 carcass search 3-day 90-m cleared plot	t intact	yes
08/29/2021 hoary bat 32 211 carcass search twice per week 70-m uncleared	ed plot scavenged	yes
08/29/2021 hoary bat 17 218 carcass search twice per week 70-m uncleared	ed plot scavenged	yes
08/29/2021 hoary bat 54 401 carcass search 3-day 90-m cleared plot	t scavenged	yes
08/29/2021 hoary bat 29 410 carcass search 3-day 90-m cleared plot	t scavenged	yes
08/29/2021 hoary bat 31 411 carcass search 3-day 90-m cleared plot		yes
08/29/2021 hoary bat 20 416 carcass search 3-day 90-m cleared plot		yes
08/29/2021 hoary bat 43 416 carcass search 3-day 90-m cleared plot	t scavenged	yes
08/30/2021 big brown bat 18 229 carcass search twice per week 70-m uncleared	ed plot scavenged	yes
08/30/2021 big brown bat 52 235 carcass search twice per week road and p	ad scavenged	no

Appendix A. Carcasses found at the Timber Road Wind Farm, Paulding County, Ohio, from April 1 – May 15 and August 1 – October 16, 2021.

Found		Distance	-			Physical	Aided
Date	Species	from Turbine	Turbine	Search Type	Search Area Type	Condition	Search
08/30/2021	big brown bat	20	241	carcass search	twice per week 70-m uncleared plot	scavenged	yes
08/30/2021	l big brown bat	25	313	carcass search	twice per week 70-m uncleared plot	scavenged	yes
08/30/2021	eastern red bat	53	229	carcass search	twice per week 70-m uncleared plot	scavenged	yes
08/30/2021	eastern red bat	33	231	carcass search	twice per week 70-m uncleared plot	scavenged	yes
08/30/2021	eastern red bat	20	231	carcass search	twice per week 70-m uncleared plot	scavenged	yes
08/30/2021	eastern red bat	11	235	carcass search	twice per week road and pad	scavenged	no
08/30/2021	eastern red bat	23	250	carcass search	twice per week 70-m uncleared plot	scavenged	yes
08/30/2021	eastern red bat	7	303	carcass search	twice per week 70-m uncleared plot	intact	yes
08/30/2021	eastern red bat	44	318	carcass search	twice per week 70-m cleared plot	scavenged	yes
08/30/2021	eastern red bat	53	319	carcass search	twice per week 70-m uncleared plot	scavenged	yes
08/30/2021	eastern red bat	15	325	carcass search	twice per week 70-m cleared plot	intact	yes
08/30/2021	eastern red bat	35	327	incidental	twice per week 70-m uncleared plot	scavenged	yes
08/30/2021	eastern red bat	5	417	carcass search	twice per week road and pad	scavenged	no
08/30/2021	eastern red bat	28	427	carcass search	twice per week road and pad	scavenged	no
08/30/2021	eastern red bat	11	429	carcass search	twice per week road and pad	scavenged	no
08/30/2021	eastern red bat	30	429	carcass search	twice per week road and pad	scavenged	no
08/30/2021		53	229	carcass search	twice per week 70-m uncleared plot	scavenged	yes
08/31/2021	big brown bat	33	333	carcass search	twice per week 70-m uncleared plot	dismembered	yes
08/31/2021	big brown bat	55	338	carcass search	twice per week 70-m uncleared plot	scavenged	yes
08/31/2021	big brown bat	35	339	carcass search	twice per week 70-m uncleared plot	scavenged	yes
08/31/2021	big brown bat	4	346	carcass search	twice per week 70-m uncleared plot	scavenged	yes
08/31/2021	big brown bat	9	347	carcass search	twice per week 70-m uncleared plot	scavenged	yes
08/31/2021	eastern red bat	26	245	carcass search	twice per week 70-m cleared plot	scavenged	yes
08/31/2021	eastern red bat	1	248	carcass search	twice per week road and pad	dismembered	no
08/31/2021	eastern red bat	32	314	carcass search	twice per week road and pad	intact	no
08/31/2021	eastern red bat	53	327	carcass search	twice per week 70-m uncleared plot	intact	yes
08/31/2021	eastern red bat	46	327	carcass search	twice per week 70-m uncleared plot	scavenged	yes
08/31/2021	eastern red bat	21	331	carcass search	twice per week 70-m uncleared plot	scavenged	yes
08/31/2021	eastern red bat	67	339	carcass search	twice per week 70-m uncleared plot	scavenged	yes
08/31/2021	eastern red bat	3	346	carcass search	twice per week 70-m uncleared plot	intact	yes
08/31/2021	eastern red bat	6	348	carcass search	twice per week road and pad	scavenged	no
08/31/2021	eastern red bat	40	401	carcass search	3-day 90-m cleared plot	scavenged	yes
08/31/2021	eastern red bat	70	401	carcass search	3-day 90-m cleared plot	scavenged	yes
08/31/2021	eastern red bat	36	401	carcass search	3-day 90-m cleared plot	scavenged	yes
08/31/2021	eastern red bat	22	401	carcass search	3-day 90-m cleared plot	scavenged	yes
08/31/2021	eastern red bat	79	405	carcass search	3-day 90-m cleared plot	scavenged	yes
						•	-

Appendix A. Carcasses found at the Timber Road Wind Farm, Paulding County, Ohio, from April 1 – May 15 and August 1 – October 16, 2021.

DateSpeciesfrom TurbineTurbineSearch TypeSearch Area TypeConditionSearch08/31/2021 hoary bat32304carcass searchtwice per week road and padintactno08/31/2021 hoary bat9315carcass searchtwice per week road and padintactno08/31/2021 hoary bat9315carcass searchtwice per week road and padintactno08/31/2021 hoary bat32327carcass searchtwice per week road and padintactno08/31/2021 hoary bat49405carcass search3-day 90-m cleared plotscavengedyes08/31/2021 silver-haired bat9309carcass search3-day 90-m cleared plotscavengedyes08/31/2021 silver-haired bat29343carcass search3-day 90-m cleared plotscavengedyes09/01/2021 big brown bat29343carcass search3-day 90-m cleared plotscavengedyes09/01/2021 big brown bat22411carcass search3-day 90-m cleared plotscavengedyes09/01/2021 big brown bat70423carcass search3-day 90-m cleared plotscavengedyes09/01/2021 big brown bat75411carcass search3-day 90-m cleared plotscavengedyes09/01/2021 eastern red bat86403carcass search3-day 90-m cleared plotscavengedyes09/01/2021 eastern red bat75411carcass search3-day 90-	Found	-	Distance	-	-		Physical	Aided
08/31/2021 hoary bat38314carcass searchtwice per week road and padintactno08/31/2021 hoary bat32327carcass searchtwice per week 70-m uncleared plotscavengedyes08/31/2021 hoary bat32327carcass searchtwice per week 70-m uncleared plotscavengedyes08/31/2021 hoary bat49405carcass searchtwice per week 70-m uncleared plotscavengedyes08/31/2021 silver-haired bat9309carcass searchtwice per week 70-m uncleared plotscavengedyes08/31/2021 silver-haired bat9309carcass searchtwice per week 70-m uncleared plotscavengedyes08/31/2021 big brown bat29343carcass searchtwice per week 70-m uncleared plotscavengedyes09/01/2021 big brown bat29433carcass search3-day 90-m cleared plotscavengedyes09/01/2021 big brown bat70423carcass search3-day 90-m cleared plotscavengedyes09/01/2021 eastern red bat14403carcass search3-day 90-m cleared plotscavengedyes09/01/2021 eastern red bat18407carcass search3-day 90-m cleared plotscavengedyes09/01/2021 eastern red bat52411carcass search3-day 90-m cleared plotscavengedyes09/01/2021 eastern red bat75411carcass search3-day 90-m cleared plotscavengedyes09/01/2021 easte	Date	Species	from Turbine	Turbine	Search Type	Search Area Type	•	Search
08/31/2021hoary bat9315carcass searchwhice per week 70-m uncleared plotscavengedyes08/31/2021hoary bat8321carcass searchtwice per week 70-m uncleared plotscavengedyes08/31/2021hoary bat49405carcass searchtwice per week 70-m uncleared plotscavengedyes08/31/2021silver-haired bat9309carcass searchtwice per week 70-m uncleared plotscavengedyes08/31/2021silver-haired bat39401carcass searchtwice per week 70-m uncleared plotscavengedyes08/31/2021silver-haired bat29343carcass searchtwice per week 70-m uncleared plotscavengedyes09/01/2021big brown bat29343carcass search3-day 90-m cleared plotscavengedyes09/01/2021big brown bat70423carcass search3-day 90-m cleared plotscavengedyes09/01/2021big brown bat70423carcass search3-day 90-m cleared plotscavengedyes09/01/2021eastern red bat84403carcass search3-day 90-m cleared plotscavengedyes09/01/2021eastern red bat70423carcass search3-day 90-m cleared plotscavengedyes09/01/2021eastern red bat84407carcass search3-day 90-m cleared plotscavengedyes09/01/2021eastern red bat75411 <td< td=""><td>08/31/2021</td><td>I hoary bat</td><td>32</td><td>304</td><td>carcass search</td><td>twice per week road and pad</td><td>scavenged</td><td>no</td></td<>	08/31/2021	I hoary bat	32	304	carcass search	twice per week road and pad	scavenged	no
08/31/2021 hoary bat3232327carcass searchtwice per week 70-m uncleared plotscavengedyes08/31/2021 hoary bat49405carcass search3-day 90-m cleared plotscavengedyes08/31/2021 silver-haired bat9309carcass search3-day 90-m cleared plotscavengedyes08/31/2021 silver-haired bat9309carcass search3-day 90-m cleared plotscavengedyes08/31/2021 unidentified non-myotis35328carcass search3-day 90-m cleared plotscavengedyes09/01/2021 big brown bat29343carcass search3-day 90-m cleared plotscavengedyes09/01/2021 big brown bat70423carcass search3-day 90-m cleared plotscavengedyes09/01/2021 big brown bat70423carcass search3-day 90-m cleared plotscavengedyes09/01/2021 eastern red bat14403carcass search3-day 90-m cleared plotscavengedyes09/01/2021 eastern red bat18407carcass search3-day 90-m cleared plotscavengedyes09/01/2021 eastern red bat75411carcass search3-day 90-m cleared plotscavengedyes09/01/2021 eastern red bat74415carcass search3-day 90-m cleared plotscavengedyes09/01/2021 eastern red bat74415carcass search3-day 90-m cleared plotscavengedyes09/01/2021 eastern red bat74 <td>08/31/2021</td> <td>1 hoary bat</td> <td>38</td> <td>314</td> <td>carcass search</td> <td>twice per week road and pad</td> <td>intact</td> <td>no</td>	08/31/2021	1 hoary bat	38	314	carcass search	twice per week road and pad	intact	no
08/31/2021boary bat8331carcass searchtwice per week 70-m uncleared plotscavengedyes08/31/2021silver-haired bat9309carcass search3-day 90-m cleared plotscavengedyes08/31/2021silver-haired bat39401carcass search3-day 90-m cleared plotscavengedyes08/31/2021silver-haired bat39401carcass search3-day 90-m cleared plotscavengedyes08/31/2021big brown bat29343carcass search3-day 90-m cleared plotscavengedyes09/01/2021big brown bat79403carcass search3-day 90-m cleared plotscavengedyes09/01/2021big brown bat70423carcass search3-day 90-m cleared plotscavengedyes09/01/2021eastern red bat14403carcass search3-day 90-m cleared plotscavengedyes09/01/2021eastern red bat18407carcass search3-day 90-m cleared plotscavengedyes09/01/2021eastern red bat75411carcass search3-day 90-m cleared plotscavengedyes09/01/2021eastern red bat75411carcass search3-day 90-m cleared plotscavengedyes09/01/2021eastern red bat74415carcass search3-day 90-m cleared plotscavengedyes09/01/2021eastern red bat74415carcass search3-day 90-m cleared	08/31/2021	1 hoary bat	9	315	carcass search	twice per week 70-m uncleared plot	scavenged	yes
08/31/2021bair49405carcass search3-day 90-m cleared plotscavengedyes08/31/2021silver-haired bat39401carcass search3-day 90-m cleared plotscavengedyes08/31/2021unidentified non-myotis35328carcass search3-day 90-m cleared plotscavengedyes08/31/2021big brown bat29343carcass search3-day 90-m cleared plotscavengedyes09/01/2021big brown bat79403carcass search3-day 90-m cleared plotscavengedyes09/01/2021big brown bat70423carcass search3-day 90-m cleared plotscavengedyes09/01/2021eastern red bat14403carcass search3-day 90-m cleared plotscavengedyes09/01/2021eastern red bat18407carcass search3-day 90-m cleared plotscavengedyes09/01/2021eastern red bat18407carcass search3-day 90-m cleared plotscavengedyes09/01/2021eastern red bat52411carcass search3-day 90-m cleared plotscavengedyes09/01/2021eastern red bat75411carcass search3-day 90-m cleared plotscavengedyes09/01/2021eastern red bat71415carcass search3-day 90-m cleared plotscavengedyes09/01/2021eastern red bat71415carcass search3-day 90-m cleared plot			32	327	carcass search	twice per week 70-m uncleared plot	scavenged	yes
08/31/2021silver-haired bat9309carcass searchtwice per week road and padintactno08/31/2021silver-haired bat39401carcass search3-day 90-m cleared plotscavengedyes08/31/2021big brown bat29343carcass searchtwice per week 70-m uncleared plotscavengedyes09/01/2021big brown bat29343carcass search3-day 90-m cleared plotscavengedyes09/01/2021big brown bat22411carcass search3-day 90-m cleared plotscavengedyes09/01/2021big brown bat70423carcass search3-day 90-m cleared plotscavengedyes09/01/2021eastern red bat14403carcass search3-day 90-m cleared plotscavengedyes09/01/2021eastern red bat86403carcass search3-day 90-m cleared plotscavengedyes09/01/2021eastern red bat75411carcass search3-day 90-m cleared plotscavengedyes09/01/2021eastern red bat75411carcass search3-day 90-m cleared plotscavengedyes09/01/2021eastern red bat74415carcass search3-day 90-m cleared plotscavengedyes09/01/2021eastern red bat74415carcass search3-day 90-m cleared plotscavengedyes09/01/2021eastern red bat71415carcass search3-day 90-m clea	08/31/2021	1 hoary bat	8	331	carcass search	twice per week 70-m uncleared plot	scavenged	yes
08/31/2021silver-haired bat39401carcass search3-day 90-m cleared plotscavengedyes08/31/2021unidentified non-myotis35328carcass searchtwice per week 70-m uncleared plotscavengedyes09/01/2021big brown bat29343carcass search3-day 90-m cleared plotscavengedyes09/01/2021big brown bat22411carcass search3-day 90-m cleared plotscavengedyes09/01/2021big brown bat70423carcass search3-day 90-m cleared plotscavengedyes09/01/2021eastern red bat14403carcass search3-day 90-m cleared plotscavengedyes09/01/2021eastern red bat18407carcass search3-day 90-m cleared plotscavengedyes09/01/2021eastern red bat30410carcass search3-day 90-m cleared plotscavengedyes09/01/2021eastern red bat75411carcass search3-day 90-m cleared plotscavengedyes09/01/2021eastern red bat74415carcass search3-day	08/31/2021	1 hoary bat	49	405	carcass search	3-day 90-m cleared plot	scavenged	yes
08/31/2021unidentified non-myotis35328carcass searchtwice per week 70-m uncleared plotscavengedyes09/01/2021big brown bat29343carcass search3-day 90-m cleared plotscavengedyes09/01/2021big brown bat22411carcass search3-day 90-m cleared plotscavengedyes09/01/2021big brown bat70423carcass search3-day 90-m cleared plotscavengedyes09/01/2021eastern red bat14403carcass search3-day 90-m cleared plotscavengedyes09/01/2021eastern red bat86403carcass search3-day 90-m cleared plotscavengedyes09/01/2021eastern red bat30410carcass search3-day 90-m cleared plotscavengedyes09/01/2021eastern red bat75411carcass search3-day 90-m cleared plotscavengedyes09/01/2021eastern red bat52411carcass search3-day 90-m cleared plotscavengedyes09/01/2021eastern red bat74415carcass search3-day 90-m cleared plotscavengedyes09/01/2021eastern red bat71415carcass search3-day 90-m cleared plotscavengedyes09/01/2021eastern red bat74415carcass search3-day 90-m cleared plotscavengedyes09/01/2021eastern red bat70423carcass search3-day 90	08/31/2021	1 silver-haired bat	9	309	carcass search	twice per week road and pad	intact	no
09/01/2021 big brown bat29343carcass searchtwice per week 70-m uncleared plotscavengedyes09/01/2021 big brown bat79403carcass search3-day 90-m cleared plotscavengedyes09/01/2021 big brown bat22411carcass search3-day 90-m cleared plotscavengedyes09/01/2021 eastern red bat14403carcass search3-day 90-m cleared plotscavengedyes09/01/2021 eastern red bat18407carcass search3-day 90-m cleared plotscavengedyes09/01/2021 eastern red bat30410carcass search3-day 90-m cleared plotscavengedyes09/01/2021 eastern red bat30410carcass search3-day 90-m cleared plotscavengedyes09/01/2021 eastern red bat75411carcass search3-day 90-m cleared plotscavengedyes09/01/2021 eastern red bat52411carcass search3-day 90-m cleared plotscavengedyes09/01/2021 eastern red bat74415carcass search3-day 90-m cleared plotscavengedyes09/01/2021 eastern red bat74415carcass search3-day 90-m cleared plotscavengedyes09/01/2021 eastern red bat78423carcass search3-day 90-m cleared plotscavengedyes09/01/2021 eastern red bat78423carcass search3-day 90-m cleared plotscavengedyes09/01/2021 eastern red bat78423	08/31/2021	1 silver-haired bat	39	401	carcass search	3-day 90-m cleared plot	scavenged	yes
09/01/2021big brown bat79403carcass search3-day 90-m cleared plotscavengedyes09/01/2021big brown bat22411carcass search3-day 90-m cleared plotintactyes09/01/2021eastern red bat14403carcass search3-day 90-m cleared plotscavengedyes09/01/2021eastern red bat14403carcass search3-day 90-m cleared plotscavengedyes09/01/2021eastern red bat86403carcass search3-day 90-m cleared plotscavengedyes09/01/2021eastern red bat18407carcass search3-day 90-m cleared plotscavengedyes09/01/2021eastern red bat75411carcass search3-day 90-m cleared plotscavengedyes09/01/2021eastern red bat74415carcass search3-day 90-m cleared plotscavengedyes09/01/2021eastern red bat76423carcass search3-day 90-m cleared plot	08/31/2021	1 unidentified non-myotis	35	328	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/01/2021big brown bat22411carcass search3-day 90-m cleared plotintactyes09/01/2021big brown bat70423carcass search3-day 90-m cleared plotscavengedyes09/01/2021eastern red bat14403carcass search3-day 90-m cleared plotscavengedyes09/01/2021eastern red bat86403carcass search3-day 90-m cleared plotscavengedyes09/01/2021eastern red bat18407carcass search3-day 90-m cleared plotscavengedyes09/01/2021eastern red bat30410carcass search3-day 90-m cleared plotscavengedyes09/01/2021eastern red bat52411carcass search3-day 90-m cleared plotscavengedyes09/01/2021eastern red bat52411carcass search3-day 90-m cleared plotscavengedyes09/01/2021eastern red bat74415carcass search3-day 90-m cleared plotscavengedyes09/01/2021eastern red bat71415carcass search3-day 90-m cleared plotscavengedyes09/01/2021eastern red bat78423carcass search3-day 90-m cleared plotscavengedyes09/01/2021eastern red bat78423carcass search3-day 90-m cleared plotscavengedyes09/01/2021eastern red bat78423carcass search3-day 90-m cleared plot	09/01/2021	1 big brown bat	29	343	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/01/2021big brown bat70423carcass search3-day 90-m cleared plotscavengedyes09/01/2021eastern red bat14403carcass search3-day 90-m cleared plotscavengedyes09/01/2021eastern red bat86403carcass search3-day 90-m cleared plotscavengedyes09/01/2021eastern red bat18407carcass search3-day 90-m cleared plotscavengedyes09/01/2021eastern red bat30410carcass search3-day 90-m cleared plotscavengedyes09/01/2021eastern red bat75411carcass search3-day 90-m cleared plotscavengedyes09/01/2021eastern red bat52411carcass search3-day 90-m cleared plotscavengedyes09/01/2021eastern red bat74415carcass search3-day 90-m cleared plotscavengedyes09/01/2021eastern red bat71415carcass search3-day 90-m cleared plotscavengedyes09/01/2021eastern red bat70423carcass search3-day 90-m cleared plotscavengedyes09/01/2021eastern red bat78423carcass search3-day 90-m cleared plotscavengedyes09/01/2021eastern red bat78423carcass search3-day 90-m cleared plotscavengedyes09/01/2021eastern red bat78424carcass search3-day 90-m cleared plot	09/01/2021	1 big brown bat	79	403	carcass search	3-day 90-m cleared plot	scavenged	yes
09/01/2021eastern red bat14403carcass search3-day 90-m cleared plotscavengedyes09/01/2021eastern red bat86403carcass search3-day 90-m cleared plotscavengedyes09/01/2021eastern red bat30410carcass search3-day 90-m cleared plotscavengedyes09/01/2021eastern red bat30410carcass search3-day 90-m cleared plotscavengedyes09/01/2021eastern red bat75411carcass search3-day 90-m cleared plotscavengedyes09/01/2021eastern red bat52411carcass search3-day 90-m cleared plotscavengedyes09/01/2021eastern red bat74415carcass search3-day 90-m cleared plotscavengedyes09/01/2021eastern red bat71415carcass search3-day 90-m cleared plotscavengedyes09/01/2021eastern red bat71415carcass search3-day 90-m cleared plotscavengedyes09/01/2021eastern red bat78423carcass search3-day 90-m cleared plotintactyes09/01/2021eastern red bat78423carcass search3-day 90-m cleared plotintactyes09/01/2021eastern red bat78423carcass search3-day 90-m cleared plotscavengedyes09/01/2021eastern red bat27424carcass search3-day 90-m cleared plot <td></td> <td></td> <td>22</td> <td>411</td> <td>carcass search</td> <td>3-day 90-m cleared plot</td> <td>intact</td> <td>yes</td>			22	411	carcass search	3-day 90-m cleared plot	intact	yes
09/01/2021eastern red bat86403carcass search3-day 90-m cleared plotscavengedyes09/01/2021eastern red bat18407carcass search3-day 90-m cleared plotscavengedyes09/01/2021eastern red bat30410carcass search3-day 90-m cleared plotscavengedyes09/01/2021eastern red bat75411carcass search3-day 90-m cleared plotscavengedyes09/01/2021eastern red bat52411carcass search3-day 90-m cleared plotscavengedyes09/01/2021eastern red bat74415carcass search3-day 90-m cleared plotscavengedyes09/01/2021eastern red bat74415carcass search3-day 90-m cleared plotscavengedyes09/01/2021eastern red bat71415carcass search3-day 90-m cleared plotscavengedyes09/01/2021eastern red bat70423carcass search3-day 90-m cleared plotintactyes09/01/2021eastern red bat78423carcass search3-day 90-m cleared plotscavengedyes09/01/2021eastern red bat29424carcass search3-day 90-m cleared plotscavengedyes09/01/2021eastern red bat27424carcass search3-day 90-m cleared plotscavengedyes09/01/2021eastern red bat30431carcass search3-day 90-m cleared plot<	09/01/2021	1 big brown bat	-		carcass search	3-day 90-m cleared plot	scavenged	yes
09/01/2021eastern red bat18407carcass search3-day 90-m cleared plotscavengedyes09/01/2021eastern red bat30410carcass search3-day 90-m cleared plotscavengedyes09/01/2021eastern red bat75411carcass search3-day 90-m cleared plotscavengedyes09/01/2021eastern red bat52411carcass search3-day 90-m cleared plotscavengedyes09/01/2021eastern red bat81414carcass search3-day 90-m cleared plotscavengedyes09/01/2021eastern red bat74415carcass search3-day 90-m cleared plotscavengedyes09/01/2021eastern red bat71415carcass search3-day 90-m cleared plotscavengedyes09/01/2021eastern red bat70423carcass search3-day 90-m cleared plotscavengedyes09/01/2021eastern red bat78423carcass search3-day 90-m cleared plotscavengedyes09/01/2021eastern red bat29424carcass search3-day 90-m cleared plotscavengedyes09/01/2021eastern red bat27424carcass search3-day 90-m cleared plotscavengedyes09/01/2021eastern red bat30431carcass search3-day 90-m cleared plotscavengedyes09/01/2021eastern red bat32414carcass search3-day 90-m cleared pl					carcass search	3-day 90-m cleared plot	scavenged	yes
09/01/2021eastern red bat30410carcass search3-day 90-m cleared plotscavengedyes09/01/2021eastern red bat75411carcass search3-day 90-m cleared plotscavengedyes09/01/2021eastern red bat52411carcass search3-day 90-m cleared plotscavengedyes09/01/2021eastern red bat81414carcass search3-day 90-m cleared plotscavengedyes09/01/2021eastern red bat74415carcass search3-day 90-m cleared plotscavengedyes09/01/2021eastern red bat71415carcass search3-day 90-m cleared plotscavengedyes09/01/2021eastern red bat70423carcass search3-day 90-m cleared plotintactyes09/01/2021eastern red bat78423carcass search3-day 90-m cleared plotintactyes09/01/2021eastern red bat78423carcass search3-day 90-m cleared plotintactyes09/01/2021eastern red bat29424carcass search3-day 90-m cleared plotscavengedyes09/01/2021eastern red bat16424carcass search3-day 90-m cleared plotscavengedyes09/01/2021eastern red bat30431carcass search3-day 90-m cleared plotscavengedyes09/01/2021hoary bat6403carcass search3-day 90-m cleared plotscave	09/01/2021	l eastern red bat		403	carcass search	3-day 90-m cleared plot	scavenged	yes
09/01/2021eastern red bat75411carcass search3-day 90-m cleared plotscavengedyes09/01/2021eastern red bat52411carcass search3-day 90-m cleared plotscavengedyes09/01/2021eastern red bat74415carcass search3-day 90-m cleared plotscavengedyes09/01/2021eastern red bat74415carcass search3-day 90-m cleared plotscavengedyes09/01/2021eastern red bat71415carcass search3-day 90-m cleared plotscavengedyes09/01/2021eastern red bat70423carcass search3-day 90-m cleared plotintactyes09/01/2021eastern red bat78423carcass search3-day 90-m cleared plotintactyes09/01/2021eastern red bat78423carcass search3-day 90-m cleared plotintactyes09/01/2021eastern red bat76424carcass search3-day 90-m cleared plotscavengedyes09/01/2021eastern red bat29424carcass search3-day 90-m cleared plotscavengedyes09/01/2021eastern red bat27424carcass search3-day 90-m cleared plotscavengedyes09/01/2021eastern red bat30431carcass search3-day 90-m cleared plotscavengedyes09/01/2021hoary bat6403carcass search3-day 90-m cleared plotscave	09/01/2021	l eastern red bat		407	carcass search	3-day 90-m cleared plot	scavenged	yes
09/01/2021eastern red bat52411carcass search3-day 90-m cleared plotscavengedyes09/01/2021eastern red bat81414carcass search3-day 90-m cleared plotscavengedyes09/01/2021eastern red bat74415carcass search3-day 90-m cleared plotscavengedyes09/01/2021eastern red bat71415carcass search3-day 90-m cleared plotscavengedyes09/01/2021eastern red bat70423carcass search3-day 90-m cleared plotintactyes09/01/2021eastern red bat78423carcass search3-day 90-m cleared plotintactyes09/01/2021eastern red bat78423carcass search3-day 90-m cleared plotintactyes09/01/2021eastern red bat29424carcass search3-day 90-m cleared plotscavengedyes09/01/2021eastern red bat16424carcass search3-day 90-m cleared plotscavengedyes09/01/2021eastern red bat30431carcass search3-day 90-m cleared plotscavengedyes09/01/2021hoary bat6403carcass search3-day 90-m cleared plotscavengedyes09/01/2021hoary bat21414carcass search3-day 90-m cleared plotscavengedyes09/01/2021hoary bat22414carcass search3-day 90-m cleared plotscavenged <td< td=""><td></td><td></td><td></td><td></td><td>carcass search</td><td></td><td>scavenged</td><td>yes</td></td<>					carcass search		scavenged	yes
09/01/2021eastern red bat81414carcass search3-day 90-m cleared plotscavengedyes09/01/2021eastern red bat74415carcass search3-day 90-m cleared plotscavengedyes09/01/2021eastern red bat71415carcass search3-day 90-m cleared plotscavengedyes09/01/2021eastern red bat70423carcass search3-day 90-m cleared plotintactyes09/01/2021eastern red bat78423carcass search3-day 90-m cleared plotintactyes09/01/2021eastern red bat29424carcass search3-day 90-m cleared plotscavengedyes09/01/2021eastern red bat29424carcass search3-day 90-m cleared plotscavengedyes09/01/2021eastern red bat27424carcass search3-day 90-m cleared plotscavengedyes09/01/2021eastern red bat30431carcass search3-day 90-m cleared plotdismemberedyes09/01/2021hoary bat6403carcass search3-day 90-m cleared plotscavengedyes09/01/2021hoary bat32414carcass search3-day 90-m cleared plotscavengedyes09/01/2021hoary bat32414carcass search3-day 90-m cleared plotscavengedyes09/01/2021hoary bat32414carcass search3-day 90-m cleared plotscavenged	09/01/2021	l eastern red bat	75	411	carcass search	3-day 90-m cleared plot	scavenged	yes
09/01/2021eastern red bat74415carcass search3-day 90-m cleared plotscavengedyes09/01/2021eastern red bat71415carcass search3-day 90-m cleared plotscavengedyes09/01/2021eastern red bat70423carcass search3-day 90-m cleared plotintactyes09/01/2021eastern red bat78423carcass search3-day 90-m cleared plotintactyes09/01/2021eastern red bat29424carcass search3-day 90-m cleared plotscavengedyes09/01/2021eastern red bat16424carcass search3-day 90-m cleared plotscavengedyes09/01/2021eastern red bat27424carcass search3-day 90-m cleared plotscavengedyes09/01/2021eastern red bat27424carcass search3-day 90-m cleared plotdismemberedyes09/01/2021eastern red bat30431carcass search3-day 90-m cleared plotscavengedyes09/01/2021hoary bat6403carcass search3-day 90-m cleared plotscavengedyes09/01/2021hoary bat21414carcass search3-day 90-m cleared plotscavengedyes09/01/2021hoary bat21414carcass search3-day 90-m cleared plotscavengedyes09/01/2021hoary bat32414carcass search3-day 90-m cleared plotscavenged	09/01/2021	l eastern red bat			carcass search	3-day 90-m cleared plot	scavenged	yes
09/01/2021eastern red bat71415carcass search3-day 90-m cleared plotscavengedyes09/01/2021eastern red bat70423carcass search3-day 90-m cleared plotintactyes09/01/2021eastern red bat78423carcass search3-day 90-m cleared plotintactyes09/01/2021eastern red bat29424carcass search3-day 90-m cleared plotscavengedyes09/01/2021eastern red bat16424carcass search3-day 90-m cleared plotscavengedyes09/01/2021eastern red bat27424carcass search3-day 90-m cleared plotscavengedyes09/01/2021eastern red bat27424carcass search3-day 90-m cleared plotscavengedyes09/01/2021eastern red bat30431carcass search3-day 90-m cleared plotscavengedyes09/01/2021hoary bat6403carcass search3-day 90-m cleared plotscavengedyes09/01/2021hoary bat21414carcass search3-day 90-m cleared plotscavengedyes09/01/2021hoary bat32414carcass search3-day 90-m cleared plotscavengedyes09/01/2021hoary bat74420carcass search3-day 90-m cleared plotscavengedyes09/01/2021silver-haired bat41403carcass search3-day 90-m cleared plotscavenged	09/01/2021	l eastern red bat	81		carcass search	3-day 90-m cleared plot	scavenged	yes
09/01/2021eastern red bat70423carcass search3-day 90-m cleared plotintactyes09/01/2021eastern red bat78423carcass search3-day 90-m cleared plotintactyes09/01/2021eastern red bat29424carcass search3-day 90-m cleared plotscavengedyes09/01/2021eastern red bat16424carcass search3-day 90-m cleared plotscavengedyes09/01/2021eastern red bat27424carcass search3-day 90-m cleared plotdismemberedyes09/01/2021eastern red bat30431carcass search3-day 90-m cleared plotscavengedyes09/01/2021hoary bat6403carcass search3-day 90-m cleared plotscavengedyes09/01/2021hoary bat6403carcass search3-day 90-m cleared plotscavengedyes09/01/2021hoary bat21414carcass search3-day 90-m cleared plotscavengedyes09/01/2021hoary bat32414carcass search3-day 90-m cleared plotscavengedyes09/01/2021hoary bat74420carcass search3-day 90-m cleared plotscavengedyes09/01/2021hoary bat74420carcass search3-day 90-m cleared plotscavengedyes09/01/2021silver-haired bat41403carcass search3-day 90-m cleared plotscavengedyes <td>09/01/2021</td> <td>l eastern red bat</td> <td></td> <td>415</td> <td>carcass search</td> <td>3-day 90-m cleared plot</td> <td>scavenged</td> <td>yes</td>	09/01/2021	l eastern red bat		415	carcass search	3-day 90-m cleared plot	scavenged	yes
09/01/2021eastern red bat78423carcass search3-day 90-m cleared plotintactyes09/01/2021eastern red bat29424carcass search3-day 90-m cleared plotscavengedyes09/01/2021eastern red bat16424carcass search3-day 90-m cleared plotscavengedyes09/01/2021eastern red bat27424carcass search3-day 90-m cleared plotdismemberedyes09/01/2021eastern red bat30431carcass search3-day 90-m cleared plotscavengedyes09/01/2021hoary bat6403carcass search3-day 90-m cleared plotscavengedyes09/01/2021hoary bat21414carcass search3-day 90-m cleared plotdismemberedyes09/01/2021hoary bat32414carcass search3-day 90-m cleared plotscavengedyes09/01/2021hoary bat32414carcass search3-day 90-m cleared plotscavengedyes09/01/2021hoary bat74420carcass search3-day 90-m cleared plotscavengedyes09/01/2021silver-haired bat70407carcass search3-day 90-m cleared plotscavengedyes09/01/2021silver-haired bat70407carcass search3-day 90-m cleared plotintactyes09/01/2021silver-haired bat44414carcass search3-day 90-m cleared plotintacty	09/01/2021	l eastern red bat	71	415	carcass search	3-day 90-m cleared plot	scavenged	yes
09/01/2021eastern red bat29424carcass search3-day 90-m cleared plotscavengedyes09/01/2021eastern red bat16424carcass search3-day 90-m cleared plotscavengedyes09/01/2021eastern red bat27424carcass search3-day 90-m cleared plotdismemberedyes09/01/2021eastern red bat30431carcass search3-day 90-m cleared plotscavengedyes09/01/2021hoary bat6403carcass search3-day 90-m cleared plotscavengedyes09/01/2021hoary bat21414carcass search3-day 90-m cleared plotdismembered yes09/01/2021hoary bat32414carcass search3-day 90-m cleared plotscavengedyes09/01/2021hoary bat32414carcass search3-day 90-m cleared plotscavengedyes09/01/2021hoary bat74420carcass search3-day 90-m cleared plotscavengedyes09/01/2021silver-haired bat74420carcass search3-day 90-m cleared plotscavengedyes09/01/2021silver-haired bat70407carcass search3-day 90-m cleared plotscavengedyes09/01/2021silver-haired bat70407carcass search3-day 90-m cleared plotintactyes09/01/2021silver-haired bat44414carcass search3-day 90-m cleared plotintactyes<	09/01/2021	l eastern red bat	70		carcass search	3-day 90-m cleared plot	intact	yes
09/01/2021 eastern red bat16424carcass search3-day 90-m cleared plotscavengedyes09/01/2021 eastern red bat27424carcass search3-day 90-m cleared plotdismemberedyes09/01/2021 eastern red bat30431carcass search3-day 90-m cleared plotscavengedyes09/01/2021 hoary bat6403carcass search3-day 90-m cleared plotscavengedyes09/01/2021 hoary bat6403carcass search3-day 90-m cleared plotscavengedyes09/01/2021 hoary bat21414carcass search3-day 90-m cleared plotdismemberedyes09/01/2021 hoary bat32414carcass search3-day 90-m cleared plotscavengedyes09/01/2021 hoary bat74420carcass search3-day 90-m cleared plotscavengedyes09/01/2021 silver-haired bat74420carcass search3-day 90-m cleared plotscavengedyes09/01/2021 silver-haired bat70407carcass search3-day 90-m cleared plotscavengedyes09/01/2021 silver-haired bat70407carcass search3-day 90-m cleared plotintactyes09/01/2021 silver-haired bat44414carcass search3-day 90-m cleared plotintactyes09/01/2021 silver-haired bat44414carcass search3-day 90-m cleared plotintactyes	09/01/2021	l eastern red bat	-	423	carcass search	3-day 90-m cleared plot	intact	yes
09/01/2021 eastern red bat27424carcass search3-day 90-m cleared plotdismemberedyes09/01/2021 eastern red bat30431carcass search3-day 90-m cleared plotscavengedyes09/01/2021 hoary bat6403carcass search3-day 90-m cleared plotscavengedyes09/01/2021 hoary bat21414carcass search3-day 90-m cleared plotdismemberedyes09/01/2021 hoary bat21414carcass search3-day 90-m cleared plotdismemberedyes09/01/2021 hoary bat32414carcass search3-day 90-m cleared plotscavengedyes09/01/2021 hoary bat74420carcass search3-day 90-m cleared plotscavengedyes09/01/2021 silver-haired bat74420carcass search3-day 90-m cleared plotscavengedyes09/01/2021 silver-haired bat70407carcass search3-day 90-m cleared plotscavengedyes09/01/2021 silver-haired bat70407carcass search3-day 90-m cleared plotintactyes09/01/2021 silver-haired bat44414carcass search	09/01/2021	l eastern red bat		424	carcass search	3-day 90-m cleared plot	scavenged	yes
09/01/2021 eastern red bat30431carcass search3-day 90-m cleared plotscavengedyes09/01/2021 hoary bat6403carcass search3-day 90-m cleared plotscavengedyes09/01/2021 hoary bat21414carcass search3-day 90-m cleared plotdismemberedyes09/01/2021 hoary bat32414carcass search3-day 90-m cleared plotscavengedyes09/01/2021 hoary bat32414carcass search3-day 90-m cleared plotscavengedyes09/01/2021 hoary bat74420carcass search3-day 90-m cleared plotscavengedyes09/01/2021 silver-haired bat41403carcass search3-day 90-m cleared plotscavengedyes09/01/2021 silver-haired bat70407carcass search3-day 90-m cleared plotintactyes09/01/2021 silver-haired bat44414carcass search3-day 90-m cleared plotintactyes09/01/2021 silver-haired bat44414carcass search3-day 90-m cleared plotintactyes					carcass search	3-day 90-m cleared plot	scavenged	yes
09/01/2021 hoary bat6403carcass search3-day 90-m cleared plotscavengedyes09/01/2021 hoary bat21414carcass search3-day 90-m cleared plotdismemberedyes09/01/2021 hoary bat32414carcass search3-day 90-m cleared plotscavengedyes09/01/2021 hoary bat32414carcass search3-day 90-m cleared plotscavengedyes09/01/2021 hoary bat74420carcass search3-day 90-m cleared plotscavengedyes09/01/2021 silver-haired bat41403carcass search3-day 90-m cleared plotscavengedyes09/01/2021 silver-haired bat70407carcass search3-day 90-m cleared plotintactyes09/01/2021 silver-haired bat44414carcass search3-day 90-m cleared plotintactyes					carcass search	3-day 90-m cleared plot	dismembered	yes
09/01/2021 hoary bat21414carcass search3-day 90-m cleared plotdismembered yes09/01/2021 hoary bat32414carcass search3-day 90-m cleared plotscavenged yes09/01/2021 hoary bat74420carcass search3-day 90-m cleared plotscavenged yes09/01/2021 silver-haired bat74403carcass search3-day 90-m cleared plotscavenged yes09/01/2021 silver-haired bat70407carcass search3-day 90-m cleared plotscavenged yes09/01/2021 silver-haired bat70407carcass search3-day 90-m cleared plotintactyes09/01/2021 silver-haired bat44414carcass search3-day 90-m cleared plotintactyes	09/01/2021	l eastern red bat	30	431	carcass search	3-day 90-m cleared plot	scavenged	yes
09/01/2021 hoary bat32414carcass search3-day 90-m cleared plotscavengedyes09/01/2021 hoary bat74420carcass search3-day 90-m cleared plotscavengedyes09/01/2021 silver-haired bat41403carcass search3-day 90-m cleared plotscavengedyes09/01/2021 silver-haired bat70407carcass search3-day 90-m cleared plotintactyes09/01/2021 silver-haired bat70407carcass search3-day 90-m cleared plotintactyes09/01/2021 silver-haired bat44414carcass search3-day 90-m cleared plotintactyes	09/01/2021	I hoary bat		403	carcass search	3-day 90-m cleared plot	scavenged	yes
09/01/2021 hoary bat74420carcass search3-day 90-m cleared plotscavengedyes09/01/2021 silver-haired bat41403carcass search3-day 90-m cleared plotscavengedyes09/01/2021 silver-haired bat70407carcass search3-day 90-m cleared plotintactyes09/01/2021 silver-haired bat70407carcass search3-day 90-m cleared plotintactyes09/01/2021 silver-haired bat44414carcass search3-day 90-m cleared plotintactyes	09/01/2021	I hoary bat	21	414	carcass search	3-day 90-m cleared plot	dismembered	yes
09/01/2021 silver-haired bat41403carcass search3-day 90-m cleared plotscavengedyes09/01/2021 silver-haired bat70407carcass search3-day 90-m cleared plotintactyes09/01/2021 silver-haired bat44414carcass search3-day 90-m cleared plotintactyes09/01/2021 silver-haired bat44414carcass search3-day 90-m cleared plotintactyes	09/01/2021	I hoary bat	32	414	carcass search	3-day 90-m cleared plot	scavenged	yes
09/01/2021 silver-haired bat70407carcass search3-day 90-m cleared plotintactyes09/01/2021 silver-haired bat44414carcass search3-day 90-m cleared plotintactyes	09/01/2021	1 hoary bat	74	420	carcass search		scavenged	yes
09/01/2021 silver-haired bat 44 414 carcass search 3-day 90-m cleared plot intact yes	09/01/2021	1 silver-haired bat	41	403	carcass search	3-day 90-m cleared plot	scavenged	yes
······································	09/01/2021	1 silver-haired bat	70	407	carcass search	3-day 90-m cleared plot	intact	yes
09/01/2021 silver-haired bat 44 414 carcass search 3-day 90-m cleared plot intact yes	09/01/2021	1 silver-haired bat	44	414	carcass search	3-day 90-m cleared plot	intact	yes
	09/01/2021	1 silver-haired bat	44	414	carcass search	3-day 90-m cleared plot	intact	yes

Appendix A. Carcasses found at the Timber Road Wind Farm, Paulding County, Ohio, from April 1 – May 15 and August 1 – October 16, 2021.

Found	-	Distance	-	-		Physical	Aided
Date	Species	from Turbine	Turbine	Search Type	Search Area Type	Condition	Search
09/01/2021	silver-haired bat	3	415	carcass search	3-day 90-m cleared plot	intact	yes
09/01/2021	silver-haired bat	62	415	carcass search	3-day 90-m cleared plot	intact	yes
09/01/2021	silver-haired bat	54	416	carcass search	3-day 90-m cleared plot	intact	yes
09/01/2021	silver-haired bat	68	420	carcass search	3-day 90-m cleared plot	intact	yes
09/01/2021	silver-haired bat	45	423	carcass search	3-day 90-m cleared plot	scavenged	yes
09/01/2021	silver-haired bat	48	424	carcass search	3-day 90-m cleared plot	intact	yes
09/02/2021	big brown bat	47	202	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/02/2021	big brown bat	36	205	carcass search	twice per week road and pad	scavenged	no
09/02/2021	big brown bat	8	207	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/02/2021	eastern red bat	31	219	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/02/2021	eastern red bat	37	226	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/02/2021	eastern red bat	13	228	carcass search	twice per week road and pad	scavenged	no
09/02/2021	eastern red bat	77	406	carcass search	twice per week road and pad	intact	no
09/02/2021	eastern red bat	17	418	carcass search	twice per week road and pad	scavenged	no
09/02/2021	eastern red bat	16	427	carcass search	twice per week road and pad	intact	no
09/02/2021	Seminole bat	25	211	carcass search	twice per week 70-m uncleared plot	intact	yes
09/02/2021	silver-haired bat	27	208	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/03/2021	big brown bat	52	238	carcass search	twice per week 70-m cleared plot	scavenged	yes
09/03/2021	big brown bat	30	301	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/03/2021	big brown bat	11	301	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/03/2021	big brown bat	27	303	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/03/2021	big brown bat	50	311	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/03/2021	eastern red bat	51	229	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/03/2021	eastern red bat	25	311	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/03/2021	eastern red bat	49	313	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/03/2021	eastern red bat	30	315	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/03/2021	eastern red bat	86	401	carcass search	3-day 90-m cleared plot	scavenged	yes
09/03/2021	eastern red bat	40	403	carcass search	3-day 90-m cleared plot	scavenged	yes
09/03/2021	eastern red bat	81	405	carcass search	3-day 90-m cleared plot	scavenged	yes
09/03/2021	eastern red bat	50	405	carcass search	3-day 90-m cleared plot	scavenged	yes
09/03/2021	hoary bat	28	241	carcass search	twice per week 70-m uncleared plot	dismembered	yes
09/03/2021	hoary bat	33	250	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/03/2021	hoary bat	7	314	carcass search	twice per week road and pad	scavenged	no
09/03/2021	hoary bat	20	321	carcass search	twice per week 70-m uncleared plot		yes
09/03/2021	hoary bat	25	337	carcass search**	twice per week road and pad	scavenged	no
	silver-haired bat	71	241	carcass search**	twice per week 70-m uncleared plot	•	yes

Appendix A. Carcasses found at the Timber Road Wind Farm, Paulding County, Ohio, from April 1 – May 15 and August 1 – October 16, 2021.

Found		Distance	-	-		Physical	Aided
Date	Species	from Turbine	Turbine	Search Type	Search Area Type	Condition	Search
09/03/2021	silver-haired bat	46	301	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/03/2021	silver-haired bat	20	303	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/03/2021	silver-haired bat	46	303	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/03/2021	silver-haired bat	43	311	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/03/2021	silver-haired bat	72	311	carcass search**	twice per week 70-m uncleared plot	scavenged	yes
09/03/2021	silver-haired bat	54	319	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/03/2021	silver-haired bat	33	348	carcass search	twice per week road and pad	intact	no
09/03/2021	silver-haired bat	80	403	carcass search	3-day 90-m cleared plot	scavenged	yes
	silver-haired bat	30	403	carcass search	3-day 90-m cleared plot	dismembered	yes
09/03/2021	silver-haired bat	55	404	carcass search	3-day 90-m cleared plot	scavenged	yes
09/03/2021	silver-haired bat	87	405	carcass search	3-day 90-m cleared plot	scavenged	yes
09/03/2021	silver-haired bat	27	405	carcass search	3-day 90-m cleared plot	scavenged	yes
	silver-haired bat	25	405	carcass search	3-day 90-m cleared plot	scavenged	yes
09/04/2021	big brown bat	48	332	carcass search	twice per week 70-m uncleared plot	scavenged	yes
	big brown bat	16	339	carcass search	twice per week 70-m uncleared plot	scavenged	yes
	big brown bat	14	414	carcass search	3-day 90-m cleared plot	intact	yes
	eastern red bat	14	245	carcass search	twice per week 70-m cleared plot	scavenged	yes
09/04/2021	eastern red bat	31	252	carcass search	twice per week 70-m cleared plot	scavenged	yes
09/04/2021	eastern red bat	28	329	carcass search	twice per week 70-m uncleared plot	intact	yes
09/04/2021	eastern red bat	41	338	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/04/2021	eastern red bat	28	342	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/04/2021	eastern red bat	41	342	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/04/2021	eastern red bat	19	346	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/04/2021	eastern red bat	71	410	carcass search	3-day 90-m cleared plot	scavenged	yes
09/04/2021	eastern red bat	65	410	carcass search	3-day 90-m cleared plot	intact	yes
09/04/2021	eastern red bat	55	411	carcass search	3-day 90-m cleared plot	scavenged	yes
09/04/2021	eastern red bat	61	431	carcass search	3-day 90-m cleared plot	scavenged	yes
09/04/2021	eastern red bat	70	431	carcass search	3-day 90-m cleared plot	scavenged	yes
09/04/2021		40	342	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/04/2021	hoary bat	24	342	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/04/2021	hoary bat	57	345	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/04/2021	hoary bat	63	424	carcass search	3-day 90-m cleared plot	dismembered	yes
09/04/2021	silver-haired bat	49	245	carcass search	twice per week 70-m cleared plot	scavenged	yes
09/04/2021	silver-haired bat	44	245	carcass search	twice per week 70-m cleared plot	scavenged	yes
09/04/2021	silver-haired bat	65	252	carcass search	twice per week 70-m cleared plot	scavenged	yes
09/04/2021	silver-haired bat	41	332	carcass search	twice per week 70-m uncleared plot	scavenged	yes

Appendix A. Carcasses found at the Timber Road Wind Farm, Paulding County, Ohio, from April 1 – May 15 and August 1 – October 16, 2021.

Found		Distance	-		-	Physical	Aided
Date	Species	from Turbine	Turbine	Search Type	Search Area Type	Condition	Search
09/04/2021	silver-haired bat	16	333	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/04/2021	silver-haired bat	37	338	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/04/2021	silver-haired bat	55	342	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/04/2021	silver-haired bat	19	343	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/04/2021	silver-haired bat	29	423	carcass search	3-day 90-m cleared plot	scavenged	yes
09/04/2021	silver-haired bat	36	423	carcass search	3-day 90-m cleared plot	scavenged	yes
09/04/2021	silver-haired bat	59	423	carcass search	3-day 90-m cleared plot	dismembered	yes
09/04/2021	unidentified lasiurus bat	30	339	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/05/2021	big brown bat	34	214	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/05/2021	eastern red bat	54	203	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/05/2021	eastern red bat	18	209	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/05/2021	hoary bat	45	204	carcass search	twice per week 70-m uncleared plot	scavenged	yes
	silver-haired bat	48	202	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/05/2021	unidentified non-myotis	23	210	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/06/2021	big brown bat	16	331	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/06/2021	big brown bat	17	331	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/06/2021	big brown bat	52	403	carcass search	3-day 90-m cleared plot	scavenged	yes
09/06/2021	eastern red bat	19	303	carcass search	twice per week 70-m uncleared plot	intact	yes
09/06/2021	eastern red bat	75	318	carcass search**	twice per week 70-m cleared plot	scavenged	yes
09/06/2021	eastern red bat	13	401	carcass search	3-day 90-m cleared plot	scavenged	yes
09/06/2021	hoary bat	63	319	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/06/2021	hoary bat	35	321	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/06/2021	hoary bat	56	321	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/06/2021	hoary bat	17	332	incidental	twice per week 70-m uncleared plot	intact	yes
09/06/2021	silver-haired bat	62	241	carcass search	twice per week 70-m uncleared plot	intact	yes
09/06/2021	silver-haired bat	70	318	carcass search	twice per week 70-m cleared plot	intact	yes
09/06/2021	silver-haired bat	64	321	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/06/2021	silver-haired bat	11	327	carcass search	twice per week 70-m uncleared plot	intact	yes
09/06/2021	silver-haired bat	27	347	incidental	twice per week 70-m uncleared plot	scavenged	yes
09/06/2021	silver-haired bat	25	401	carcass search	3-day 90-m cleared plot	scavenged	yes
09/06/2021	silver-haired bat	3	401	carcass search	3-day 90-m cleared plot	scavenged	yes
09/06/2021	silver-haired bat	22	405	carcass search	3-day 90-m cleared plot	scavenged	yes
09/07/2021	big brown bat	21	230	carcass search	twice per week road and pad	scavenged	no
	big brown bat	43	338	carcass search	twice per week 70-m uncleared plot		yes
09/07/2021	eastern red bat	26	252	carcass search	twice per week 70-m cleared plot	scavenged	yes
	eastern red bat	27	252	carcass search	twice per week 70-m cleared plot	scavenged	yes

Appendix A. Carcasses found at the Timber Road Wind Farm, Paulding County, Ohio, from April 1 – May 15 and August 1 – October 16, 2021.

Found		Distance	-			Physical	Aided
Date	Species	from Turbine	Turbine	Search Type	Search Area Type	Condition	Search
09/07/2021	l eastern red bat	64	252	carcass search	twice per week 70-m cleared plot	scavenged	yes
09/07/2021	l eastern red bat	47	301	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/07/2021	l eastern red bat	54	343	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/07/2021	l eastern red bat	41	346	carcass search	twice per week 70-m uncleared plot	intact	yes
09/07/2021	l eastern red bat	62	346	carcass search	twice per week 70-m uncleared plot	intact	yes
	l eastern red bat	68	415	carcass search	3-day 90-m cleared plot	scavenged	yes
09/07/2021	1 hoary bat	70	424	carcass search	3-day 90-m cleared plot	intact	yes
	1 silver-haired bat	40	230	carcass search**	twice per week road and pad	scavenged	no
09/07/2021	1 silver-haired bat	41	238	carcass search	twice per week 70-m cleared plot	scavenged	yes
09/07/2021	1 silver-haired bat	52	252	carcass search	twice per week 70-m cleared plot	scavenged	yes
09/07/2021	1 silver-haired bat	42	343	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/07/2021	1 silver-haired bat	49	345	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/07/2021	1 silver-haired bat	38	345	carcass search	twice per week 70-m uncleared plot		yes
09/07/2021	1 silver-haired bat	37	345	carcass search	twice per week 70-m uncleared plot	dismembered	yes
09/07/2021	1 silver-haired bat	81	410	carcass search	3-day 90-m cleared plot	scavenged	yes
09/07/2021	1 silver-haired bat	34	411	carcass search	3-day 90-m cleared plot	intact	yes
	1 silver-haired bat	18	421	carcass search	twice per week road and pad	scavenged	no
	l silver-haired bat	81	431	carcass search	3-day 90-m cleared plot	intact	yes
	l big brown bat	36	309	carcass search	twice per week road and pad	intact	no
	I hoary bat	53	308	carcass search	twice per week road and pad	intact	no
	I hoary bat	50	317	carcass search	twice per week road and pad	intact	no
09/08/2021	I hoary bat	52	334	carcass search	twice per week road and pad	scavenged	no
09/08/2021	1 silver-haired bat	4	304	carcass search	twice per week road and pad	scavenged	no
09/08/2021	1 silver-haired bat	2	305	carcass search	twice per week road and pad	intact	no
09/08/2021	1 silver-haired bat	19	308	carcass search	twice per week road and pad	dismembered	no
	1 silver-haired bat	43	316	carcass search	twice per week road and pad	scavenged	no
09/08/2021	1 silver-haired bat	9	317	carcass search	twice per week road and pad	dismembered	no
09/08/2021	1 silver-haired bat	1	340	carcass search	twice per week road and pad	intact	no
	1 silver-haired bat	21	403	carcass search	3-day 90-m cleared plot	scavenged	yes
	1 big brown bat	76	410	carcass search	3-day 90-m cleared plot	intact	yes
09/09/2021	1 big brown bat	45	424	incidental	3-day 90-m cleared plot	scavenged	yes
	l eastern red bat	45	207	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/09/2021	l eastern red bat	47	238	incidental	twice per week 70-m cleared plot	intact	yes
	l eastern red bat	36	407	carcass search	3-day 90-m cleared plot	scavenged	yes
	I hoary bat	76	219	carcass search**	twice per week 70-m uncleared plot	scavenged	yes
09/09/2021	1 hoary bat	49	238	incidental	twice per week 70-m cleared plot	intact	yes

Appendix A. Carcasses found at the Timber Road Wind Farm, Paulding County, Ohio, from April 1 – May 15 and August 1 – October 16, 2021.

Found	-	Distance	-	-		Physical	Aided
Date	Species	from Turbine	Turbine	Search Type	Search Area Type	Condition	Search
09/09/2021	silver-haired bat	34	211	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/09/2021	silver-haired bat	46	219	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/09/2021	silver-haired bat	46	238	incidental	twice per week 70-m cleared plot	scavenged	yes
09/09/2021	silver-haired bat	45	302	carcass search	twice per week 70-m cleared plot	intact	yes
09/09/2021	silver-haired bat	28	402	carcass search	3-day 90-m cleared plot	scavenged	yes
09/09/2021	silver-haired bat	48	407	carcass search	3-day 90-m cleared plot	scavenged	yes
09/09/2021	silver-haired bat	76	407	carcass search	3-day 90-m cleared plot	scavenged	yes
09/10/2021	big brown bat	8	229	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/10/2021	big brown bat	30	241	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/10/2021	big brown bat	9	347	incidental	twice per week 70-m uncleared plot	intact	yes
09/10/2021	big brown bat	42	424	carcass search	3-day 90-m cleared plot	scavenged	yes
09/10/2021	eastern red bat	7	231	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/10/2021	eastern red bat	31	231	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/10/2021	eastern red bat	33	241	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/10/2021	eastern red bat	26	301	carcass search	twice per week 70-m uncleared plot	intact	yes
09/10/2021	eastern red bat	21	313	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/10/2021	eastern red bat	22	342	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/10/2021	eastern red bat	16	411	carcass search	3-day 90-m cleared plot	intact	yes
09/10/2021	eastern red bat	55	431	carcass search	3-day 90-m cleared plot	scavenged	yes
09/10/2021	hoary bat	45	239	incidental	twice per week 70-m cleared plot	scavenged	yes
09/10/2021	hoary bat	38	241	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/10/2021	hoary bat	55	245	carcass search	twice per week 70-m cleared plot	intact	yes
09/10/2021	hoary bat	20	411	carcass search	3-day 90-m cleared plot	intact	yes
09/10/2021	silver-haired bat	24	317	carcass search	twice per week road and pad	scavenged	no
09/10/2021	silver-haired bat	46	338	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/10/2021	silver-haired bat	16	342	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/10/2021	silver-haired bat	19	342	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/10/2021	silver-haired bat	16	401	incidental	3-day 90-m cleared plot	scavenged	yes
09/10/2021	silver-haired bat	54	411	carcass search	3-day 90-m cleared plot	scavenged	yes
09/10/2021	silver-haired bat	35	423	carcass search	3-day 90-m cleared plot	scavenged	yes
09/10/2021	silver-haired bat	49	424	carcass search	3-day 90-m cleared plot	scavenged	yes
09/10/2021	silver-haired bat	49	431	carcass search	3-day 90-m cleared plot	scavenged	yes
09/11/2021	eastern red bat	21	346	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/11/2021	silver-haired bat	31	343	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/12/2021	big brown bat	13	405	carcass search	3-day 90-m cleared plot	scavenged	yes
09/12/2021	eastern red bat	67	211	carcass search	twice per week 70-m uncleared plot	scavenged	yes

Appendix A. Carcasses found at the Timber Road Wind Farm, Paulding County, Ohio, from April 1 – May 15 and August 1 – October 16, 2021.

Found		Distance	-	-	-	Physical	Aided
Date	Species	from Turbine	Turbine	Search Type	Search Area Type	Condition	Search
09/12/2021	eastern red bat	52	226	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/12/2021	eastern red bat	71	226	carcass search**	twice per week 70-m uncleared plot	scavenged	yes
09/12/2021	eastern red bat	56	401	carcass search	3-day 90-m cleared plot	scavenged	yes
09/12/2021	eastern red bat	85	402	carcass search	3-day 90-m cleared plot	scavenged	yes
09/12/2021	eastern red bat	48	403	carcass search	3-day 90-m cleared plot	scavenged	yes
09/12/2021		59	208	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/12/2021	hoary bat	35	302	carcass search	twice per week 70-m cleared plot	scavenged	yes
09/12/2021	hoary bat	56	302	carcass search	twice per week 70-m cleared plot	scavenged	yes
	silver-haired bat	50	202	carcass search	twice per week 70-m uncleared plot		yes
09/12/2021	silver-haired bat	78	202	carcass search**	twice per week 70-m uncleared plot	scavenged	yes
09/12/2021	silver-haired bat	61	203	carcass search	twice per week 70-m uncleared plot	scavenged	yes
	silver-haired bat	70	204	carcass search	twice per week 70-m uncleared plot	scavenged	yes
	silver-haired bat	20	302	carcass search	twice per week 70-m cleared plot	scavenged	yes
	silver-haired bat	52	302	carcass search	twice per week 70-m cleared plot	dismembered	yes
	silver-haired bat	68	401	carcass search	3-day 90-m cleared plot	intact	yes
09/12/2021	silver-haired bat	45	402	carcass search	3-day 90-m cleared plot	scavenged	yes
09/12/2021	silver-haired bat	67	402	carcass search	3-day 90-m cleared plot	intact	yes
	silver-haired bat	49	428	incidental	twice per week road and pad	intact	no
09/13/2021	big brown bat	63	319	carcass search	twice per week 70-m uncleared plot	scavenged	yes
	big brown bat	28	319	carcass search	twice per week 70-m uncleared plot	scavenged	yes
	big brown bat	10	431	carcass search	3-day 90-m cleared plot	intact	yes
09/13/2021	eastern red bat	68	231	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/13/2021	eastern red bat	6	231	carcass search	twice per week 70-m uncleared plot	scavenged	yes
	eastern red bat	33	252	incidental	twice per week 70-m cleared plot	scavenged	yes
09/13/2021	eastern red bat	26	311	carcass search	twice per week 70-m uncleared plot	scavenged	yes
	eastern red bat	36	318	carcass search	twice per week 70-m cleared plot	scavenged	yes
	eastern red bat	83	414	carcass search	3-day 90-m cleared plot	scavenged	yes
09/13/2021	eastern red bat	57	416	carcass search	3-day 90-m cleared plot	scavenged	yes
09/13/2021	eastern red bat	33	420	carcass search	3-day 90-m cleared plot	scavenged	yes
09/13/2021	eastern red bat	58	423	carcass search	3-day 90-m cleared plot	scavenged	yes
09/13/2021	hoary bat	20	225	carcass search	twice per week road and pad	intact	no
09/13/2021		30	301	carcass search	twice per week 70-m uncleared plot		yes
09/13/2021		46	321	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/13/2021	hoary bat	27	421	carcass search	twice per week road and pad	intact	no
09/13/2021	hoary bat	73	431	carcass search	3-day 90-m cleared plot	scavenged	yes
09/13/2021	Seminole bat	24	415	carcass search	3-day 90-m cleared plot	intact	yes

Appendix A. Carcasses found at the Timber Road Wind Farm, Paulding County, Ohio, from April 1 – May 15 and August 1 – October 16, 2021.

Found		Distance	-			Physical	Aided
Date	Species	from Turbine	Turbine	Search Type	Search Area Type	Condition	Search
09/13/2021	silver-haired bat	53	238	carcass search	twice per week 70-m cleared plot	intact	yes
09/13/2021	silver-haired bat	47	318	carcass search	twice per week 70-m cleared plot	scavenged	yes
09/13/2021	silver-haired bat	71	407	carcass search	3-day 90-m cleared plot	scavenged	yes
09/13/2021	silver-haired bat	69	407	carcass search	3-day 90-m cleared plot	intact	yes
09/13/2021	silver-haired bat	52	411	carcass search	3-day 90-m cleared plot	scavenged	yes
09/13/2021	silver-haired bat	70	414	carcass search	3-day 90-m cleared plot	scavenged	yes
09/13/2021	silver-haired bat	30	415	carcass search	3-day 90-m cleared plot	intact	yes
09/13/2021	silver-haired bat	74	416	carcass search	3-day 90-m cleared plot	intact	yes
09/13/2021	silver-haired bat	5	419	carcass search	twice per week road and pad	dismembered	no
09/13/2021	silver-haired bat	61	420	carcass search	3-day 90-m cleared plot	intact	yes
09/13/2021	silver-haired bat	32	424	carcass search	3-day 90-m cleared plot	scavenged	yes
09/13/2021	silver-haired bat	91	427	carcass search	twice per week road and pad	scavenged	no
09/13/2021	silver-haired bat	50	427	carcass search**	twice per week road and pad	scavenged	no
09/13/2021	silver-haired bat	71	431	carcass search	3-day 90-m cleared plot	scavenged	yes
09/14/2021	eastern red bat	19	245	carcass search	twice per week 70-m cleared plot	scavenged	yes
09/14/2021	eastern red bat	50	252	carcass search	twice per week 70-m cleared plot	scavenged	yes
	eastern red bat	30	343	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/14/2021	hoary bat	16	339	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/14/2021	silver-haired bat	47	245	carcass search	twice per week 70-m cleared plot	intact	yes
09/14/2021	silver-haired bat	60	245	carcass search	twice per week 70-m cleared plot	intact	yes
09/14/2021	silver-haired bat	1	317	carcass search	twice per week road and pad	intact	no
09/14/2021	silver-haired bat	59	329	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/14/2021	silver-haired bat	49	329	carcass search	twice per week 70-m uncleared plot	scavenged	yes
	silver-haired bat	22	332	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/14/2021	unidentified non-myotis	53	328	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/14/2021	unidentified non-myotis	40	328	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/15/2021	eastern red bat	35	401	carcass search	3-day 90-m cleared plot	intact	yes
09/15/2021	eastern red bat	72	402	carcass search	3-day 90-m cleared plot	scavenged	yes
09/15/2021		18	402	carcass search	3-day 90-m cleared plot	intact	yes
09/15/2021	hoary bat	51	403	carcass search	3-day 90-m cleared plot	intact	yes
09/15/2021	hoary bat	5	405	carcass search	3-day 90-m cleared plot	scavenged	yes
09/15/2021	silver-haired bat	36	401	carcass search	3-day 90-m cleared plot	intact	yes
	silver-haired bat	49	402	carcass search	3-day 90-m cleared plot	scavenged	yes
09/15/2021	silver-haired bat	22	403	carcass search	3-day 90-m cleared plot	scavenged	yes
09/15/2021	silver-haired bat	22	403	carcass search	3-day 90-m cleared plot	scavenged	yes
00/16/2021	big brown bat	44	421	carcass search	twice per week road and pad	scavenged	no

Appendix A. Carcasses found at the Timber Road Wind Farm, Paulding County, Ohio, from April 1 – May 15 and August 1 – October 16, 2021.

Found	-	Distance	_		-	Physical	Aided
Date	Species	from Turbine	Turbine	Search Type	Search Area Type	Condition	Search
09/16/2021	eastern red bat	62	210	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/16/2021	eastern red bat	77	410	carcass search	3-day 90-m cleared plot	scavenged	yes
09/16/2021	eastern red bat	41	415	carcass search	3-day 90-m cleared plot	intact	yes
	eastern red bat	66	415	carcass search	3-day 90-m cleared plot	intact	yes
09/16/2021	eastern red bat	32	423	carcass search	3-day 90-m cleared plot	intact	yes
09/16/2021	eastern red bat	40	424	carcass search	3-day 90-m cleared plot	scavenged	yes
09/16/2021	hoary bat	23	210	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/16/2021	hoary bat	42	407	carcass search	3-day 90-m cleared plot	intact	yes
09/16/2021	hoary bat	70	416	carcass search	3-day 90-m cleared plot	scavenged	yes
09/16/2021	hoary bat	29	431	carcass search	3-day 90-m cleared plot	scavenged	yes
09/16/2021	silver-haired bat	38	204	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/16/2021	silver-haired bat	44	208	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/16/2021	silver-haired bat	63	211	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/16/2021	silver-haired bat	30	219	carcass search	twice per week 70-m uncleared plot	dismembered	yes
09/16/2021	silver-haired bat	40	302	carcass search	twice per week 70-m cleared plot	scavenged	yes
09/16/2021	silver-haired bat	3	335	carcass search	twice per week road and pad	intact	no
09/16/2021	silver-haired bat	20	410	carcass search	3-day 90-m cleared plot	scavenged	yes
09/16/2021	silver-haired bat	58	421	carcass search	twice per week road and pad	intact	no
09/16/2021	silver-haired bat	27	423	carcass search	3-day 90-m cleared plot	intact	yes
09/16/2021	silver-haired bat	24	424	carcass search	3-day 90-m cleared plot	intact	yes
09/16/2021	silver-haired bat	93	431	carcass search**	3-day 90-m cleared plot	scavenged	yes
09/17/2021	big brown bat	54	301	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/17/2021	big brown bat	12	307	carcass search	twice per week road and pad	intact	no
09/17/2021	big brown bat	46	311	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/17/2021	big brown bat	54	319	carcass search	twice per week 70-m uncleared plot	intact	yes
09/17/2021	hoary bat	16	303	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/17/2021	hoary bat	46	318	carcass search	twice per week 70-m cleared plot	intact	yes
09/17/2021	hoary bat	70	325	carcass search	twice per week 70-m cleared plot	scavenged	yes
09/17/2021	silver-haired bat	35	231	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/17/2021	silver-haired bat	13	306	carcass search	twice per week road and pad	scavenged	no
09/17/2021	silver-haired bat	19	308	carcass search**	twice per week road and pad	intact	no
09/17/2021	silver-haired bat	19	313	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/17/2021	silver-haired bat	22	321	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/17/2021	silver-haired bat	75	325	carcass search**	twice per week 70-m cleared plot	scavenged	yes
09/18/2021	big brown bat	14	332	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/18/2021	eastern red bat	92	401	carcass search**	3-day 90-m cleared plot	scavenged	yes

Appendix A. Carcasses found at the Timber Road Wind Farm, Paulding County, Ohio, from April 1 – May 15 and August 1 – October 16, 2021.

Found	<u> </u>	Distance		-		Physical	Aided
Date	Species	from Turbine	Turbine	Search Type	Search Area Type	Condition	Search
09/18/2021	I hoary bat	27	252	carcass search	twice per week 70-m cleared plot	scavenged	yes
09/18/2021	I hoary bat	25	327	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/18/2021	I hoary bat	52	402	carcass search	3-day 90-m cleared plot	intact	yes
09/18/2021	l silver-haired bat	59	239	carcass search	twice per week 70-m cleared plot	scavenged	yes
09/18/2021	l silver-haired bat	45	239	carcass search	twice per week 70-m cleared plot	scavenged	yes
09/18/2021	l silver-haired bat	43	239	carcass search	twice per week 70-m cleared plot	scavenged	yes
09/18/2021	l silver-haired bat	35	239	carcass search	twice per week 70-m cleared plot	scavenged	yes
09/18/2021	l silver-haired bat	76	338	carcass search**	twice per week 70-m uncleared plot	scavenged	yes
	l silver-haired bat	25	342	carcass search	twice per week 70-m uncleared plot		yes
09/18/2021	l silver-haired bat	90	342	carcass search**	twice per week 70-m uncleared plot	scavenged	yes
09/18/2021	l silver-haired bat	47	403	carcass search	3-day 90-m cleared plot	scavenged	yes
09/18/2021	l silver-haired bat	80	403	carcass search	3-day 90-m cleared plot	scavenged	yes
09/18/2021	l silver-haired bat	55	404	carcass search	3-day 90-m cleared plot	scavenged	yes
	l unidentified bat	58	338	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/19/2021	l big brown bat	50	411	carcass search	3-day 90-m cleared plot	intact	yes
09/19/2021	l eastern red bat	4	207	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/19/2021	l eastern red bat	83	411	carcass search	3-day 90-m cleared plot	intact	yes
09/19/2021	l eastern red bat	50	414	carcass search	3-day 90-m cleared plot	scavenged	yes
09/19/2021	l eastern red bat	95	414	carcass search**	3-day 90-m cleared plot	scavenged	yes
09/19/2021	l eastern red bat	52	414	carcass search	3-day 90-m cleared plot	scavenged	yes
09/19/2021	l eastern red bat	54	414	carcass search	3-day 90-m cleared plot	scavenged	yes
09/19/2021	l eastern red bat	44	416	carcass search	3-day 90-m cleared plot	scavenged	yes
09/19/2021	l eastern red bat	30	416	carcass search	3-day 90-m cleared plot	scavenged	yes
09/19/2021	l eastern red bat	50	420	carcass search	3-day 90-m cleared plot	scavenged	yes
09/19/2021	l eastern red bat	82	420	carcass search	3-day 90-m cleared plot	scavenged	yes
09/19/2021	I hoary bat	51	405	carcass search	3-day 90-m cleared plot	intact	yes
09/19/2021	I hoary bat	24	405	carcass search	3-day 90-m cleared plot	dismembered	yes
09/19/2021	I hoary bat	17	407	carcass search	3-day 90-m cleared plot	scavenged	yes
09/19/2021	I hoary bat	25	423	carcass search	3-day 90-m cleared plot	intact	yes
09/19/2021	silver-haired bat	48	203	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/19/2021	silver-haired bat	39	204	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/19/2021	l silver-haired bat	38	208	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/19/2021	l silver-haired bat	33	210	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/19/2021	l silver-haired bat	34	212	carcass search	twice per week 70-m uncleared plot	intact	yes
09/19/2021	l silver-haired bat	39	212	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/19/2021	silver-haired bat	40	214	carcass search	twice per week 70-m uncleared plot	scavenged	yes

Appendix A. Carcasses found at the Timber Road Wind Farm, Paulding County, Ohio, from April 1 – May 15 and August 1 – October 16, 2021.

Found	-	Distance	_	-	-	Physical	Aided
Date	Species	from Turbine	Turbine	Search Type	Search Area Type	Condition	Search
09/19/202	1 silver-haired bat	46	405	carcass search	3-day 90-m cleared plot	scavenged	yes
09/19/202	1 silver-haired bat	28	405	carcass search	3-day 90-m cleared plot	intact	yes
09/19/202	1 silver-haired bat	38	411	carcass search	3-day 90-m cleared plot	intact	yes
09/19/202	1 silver-haired bat	40	415	carcass search	3-day 90-m cleared plot	scavenged	yes
09/19/202	1 silver-haired bat	52	416	carcass search	3-day 90-m cleared plot	intact	yes
09/19/202	1 silver-haired bat	70	420	carcass search	3-day 90-m cleared plot	scavenged	yes
09/19/202	1 silver-haired bat	5	420	carcass search	3-day 90-m cleared plot	intact	yes
09/19/202	1 silver-haired bat	2	423	carcass search	3-day 90-m cleared plot	scavenged	yes
09/19/202	1 silver-haired bat	77	424	carcass search	3-day 90-m cleared plot	scavenged	yes
09/19/202	1 silver-haired bat	86	424	carcass search	3-day 90-m cleared plot	scavenged	yes
09/19/202	1 silver-haired bat	14	424	carcass search	3-day 90-m cleared plot	intact	yes
09/19/202	1 silver-haired bat	25	431	carcass search	3-day 90-m cleared plot	intact	yes
09/20/202	1 big brown bat	34	311	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/20/202	1 big brown bat	10	413	carcass search	twice per week road and pad	intact	no
09/20/202	1 eastern red bat	40	228	carcass search**	twice per week road and pad	intact	no
09/20/202	1 eastern red bat	59	228	carcass search	twice per week road and pad	scavenged	no
09/20/202	1 eastern red bat	25	228	carcass search	twice per week road and pad	scavenged	no
09/20/202	1 eastern red bat	46	313	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/20/202	1 eastern red bat	42	315	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/20/202	1 eastern red bat	41	315	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/20/202	1 eastern red bat	39	319	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/20/202	1 hoary bat	5	234	carcass search	twice per week road and pad	scavenged	no
	1 hoary bat	53	315	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/20/202	1 hoary bat	9	325	carcass search	twice per week 70-m cleared plot	intact	yes
09/20/202	1 hoary bat	24	421	carcass search	twice per week road and pad	scavenged	no
09/20/202	1 silver-haired bat	32	229	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/20/202	1 silver-haired bat	69	229	carcass search	twice per week 70-m uncleared plot	intact	yes
09/20/202	1 silver-haired bat	47	238	carcass search	twice per week 70-m cleared plot	scavenged	yes
09/20/202	1 silver-haired bat	45	238	carcass search	twice per week 70-m cleared plot	intact	yes
09/20/202	1 silver-haired bat	20	313	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/20/202	1 silver-haired bat	55	319	carcass search	twice per week 70-m uncleared plot	intact	yes
09/20/202	1 silver-haired bat	21	319	carcass search	twice per week 70-m uncleared plot	intact	yes
09/20/202	1 silver-haired bat	0	321	carcass search	twice per week 70-m uncleared plot		yes
09/20/202	1 silver-haired bat	37	321	carcass search	twice per week 70-m uncleared plot		yes
09/20/202	1 silver-haired bat	30	325	carcass search	twice per week 70-m cleared plot	intact	yes
	1 silver-haired bat	42	325	carcass search	twice per week 70-m cleared plot	intact	yes

Appendix A. Carcasses found at the Timber Road Wind Farm, Paulding County, Ohio, from April 1 – May 15 and August 1 – October 16, 2021.

Found		Distance		-		Physical	Aided
Date	Species	from Turbine	Turbine	Search Type	Search Area Type	Condition	Search
09/20/2021	silver-haired bat	15	325	carcass search	twice per week 70-m cleared plot	intact	yes
09/20/2021	silver-haired bat	37	345	carcass search	twice per week 70-m uncleared plot	intact	yes
	silver-haired bat	33	406	carcass search	twice per week road and pad	scavenged	no
09/20/2021	silver-haired bat	34	406	carcass search	twice per week road and pad	intact	no
09/20/2021	silver-haired bat	38	421	carcass search	twice per week road and pad	intact	no
09/20/2021	silver-haired bat	42	425	carcass search**	twice per week road and pad	intact	no
09/20/2021	silver-haired bat	22	425	carcass search	twice per week road and pad	intact	no
09/20/2021	silver-haired bat	19	425	carcass search	twice per week road and pad	intact	no
09/20/2021	silver-haired bat	35	426	carcass search	twice per week road and pad	intact	no
09/20/2021	silver-haired bat	50	430	carcass search	twice per week road and pad	intact	no
09/20/2021	unidentified bat	41	327	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/21/2021	eastern red bat	61	245	carcass search	twice per week 70-m cleared plot	intact	yes
09/21/2021	eastern red bat	41	254	carcass search	twice per week road and pad	scavenged	no
09/21/2021	eastern red bat	52	329	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/21/2021	eastern red bat	14	336	carcass search	twice per week road and pad	scavenged	no
09/21/2021	eastern red bat	60	339	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/21/2021	eastern red bat	3	342	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/21/2021	eastern red bat	94	401	carcass search**	3-day 90-m cleared plot	scavenged	yes
09/21/2021	eastern red bat	52	401	carcass search	3-day 90-m cleared plot	intact	yes
09/21/2021	eastern red bat	82	401	carcass search	3-day 90-m cleared plot	intact	yes
09/21/2021	eastern red bat	21	401	carcass search	3-day 90-m cleared plot	intact	yes
09/21/2021	eastern red bat	55	405	carcass search	3-day 90-m cleared plot	scavenged	yes
09/21/2021	hoary bat	60	245	carcass search	twice per week 70-m cleared plot	intact	yes
09/21/2021	hoary bat	43	335	carcass search	twice per week road and pad	intact	no
09/21/2021	hoary bat	89	402	carcass search	3-day 90-m cleared plot	scavenged	yes
09/21/2021	Seminole bat	44	254	carcass search	twice per week road and pad	scavenged	no
09/21/2021	silver-haired bat	62	239	carcass search	twice per week 70-m cleared plot	intact	yes
09/21/2021	silver-haired bat	53	322	carcass search	twice per week road and pad	scavenged	no
09/21/2021	silver-haired bat	18	331	carcass search	twice per week 70-m uncleared plot	intact	yes
09/21/2021	silver-haired bat	20	333	carcass search	twice per week 70-m uncleared plot	intact	yes
09/21/2021	silver-haired bat	57	338	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/21/2021	silver-haired bat	48	338	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/21/2021	silver-haired bat	67	339	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/21/2021	silver-haired bat	43	342	carcass search	twice per week 70-m uncleared plot	intact	yes
09/21/2021	silver-haired bat	76	342	carcass search**	twice per week 70-m uncleared plot	scavenged	yes
00/04/0004	silver-haired bat	30	343	carcass search	twice per week 70-m uncleared plot	•	yes

Appendix A. Carcasses found at the Timber Road Wind Farm, Paulding County, Ohio, from April 1 – May 15 and August 1 – October 16, 2021.

Found	_	Distance		-		Physical	Aided
Date	Species	from Turbine	Turbin	e Search Type	Search Area Type	Condition	Search
09/21/2021	silver-haired bat	53	346	carcass search	twice per week 70-m uncleared plot	intact	yes
09/21/2021	silver-haired bat	32	346	carcass search	twice per week 70-m uncleared plot	intact	yes
09/21/2021	silver-haired bat	61	401	carcass search	3-day 90-m cleared plot	intact	yes
09/21/2021	silver-haired bat	71	402	carcass search	3-day 90-m cleared plot	scavenged	yes
09/21/2021	silver-haired bat	56	402	carcass search	3-day 90-m cleared plot	scavenged	yes
09/21/2021	silver-haired bat	41	402	carcass search	3-day 90-m cleared plot	intact	yes
	silver-haired bat	16	402	carcass search	3-day 90-m cleared plot	intact	yes
	silver-haired bat	59	402	carcass search	3-day 90-m cleared plot	intact	yes
09/21/2021	silver-haired bat	44	402	carcass search	3-day 90-m cleared plot	scavenged	yes
	silver-haired bat	50	402	carcass search	3-day 90-m cleared plot	scavenged	yes
09/21/2021	silver-haired bat	17	402	carcass search	3-day 90-m cleared plot	intact	yes
09/21/2021	silver-haired bat	9	403	carcass search	3-day 90-m cleared plot	intact	yes
09/21/2021	silver-haired bat	39	403	carcass search	3-day 90-m cleared plot	intact	yes
	silver-haired bat	35	403	carcass search	3-day 90-m cleared plot	scavenged	yes
09/21/2021	silver-haired bat	47	404	carcass search	3-day 90-m cleared plot	scavenged	yes
	silver-haired bat	57	404	carcass search	3-day 90-m cleared plot	scavenged	yes
09/21/2021	silver-haired bat	91	404	carcass search**	3-day 90-m cleared plot	scavenged	yes
09/21/2021	silver-haired bat	40	405	carcass search	3-day 90-m cleared plot	scavenged	yes
09/22/2021	eastern red bat	59	410	carcass search	3-day 90-m cleared plot	scavenged	yes
09/22/2021	eastern red bat	87	411	carcass search	3-day 90-m cleared plot	scavenged	yes
09/22/2021	eastern red bat	84	415	carcass search	3-day 90-m cleared plot	scavenged	yes
09/22/2021	eastern red bat	42	423	carcass search	3-day 90-m cleared plot	scavenged	yes
09/22/2021	eastern red bat	26	431	carcass search	3-day 90-m cleared plot	scavenged	yes
09/22/2021	hoary bat	46	410	carcass search	3-day 90-m cleared plot	scavenged	yes
09/22/2021	silver-haired bat	69	407	carcass search	3-day 90-m cleared plot	intact	yes
09/22/2021	silver-haired bat	55	407	carcass search	3-day 90-m cleared plot	scavenged	yes
09/22/2021	silver-haired bat	38	407	carcass search	3-day 90-m cleared plot	scavenged	yes
09/22/2021	silver-haired bat	49	407	carcass search	3-day 90-m cleared plot	scavenged	yes
09/22/2021	silver-haired bat	58	410	carcass search	3-day 90-m cleared plot	scavenged	yes
09/22/2021	silver-haired bat	14	410	carcass search	3-day 90-m cleared plot	scavenged	yes
09/22/2021	silver-haired bat	35	410	carcass search	3-day 90-m cleared plot	scavenged	yes
09/22/2021	silver-haired bat	47	410	carcass search	3-day 90-m cleared plot	scavenged	yes
09/22/2021	silver-haired bat	20	411	carcass search	3-day 90-m cleared plot	scavenged	yes
09/22/2021	silver-haired bat	71	411	carcass search	3-day 90-m cleared plot	scavenged	yes
09/22/2021	silver-haired bat	83	415	carcass search	3-day 90-m cleared plot	scavenged	yes
09/22/2021	silver-haired bat	40	416	carcass search	3-day 90-m cleared plot	scavenged	yes
						•	•

Appendix A. Carcasses found at the Timber Road Wind Farm, Paulding County, Ohio, from April 1 – May 15 and August 1 – October 16, 2021.

DateSpeciesfrom Turbine Turbine Search TypeSearch Area TypeConditionSearch09/22/2021 silver-haired bat39423carcass search3-day 90-m cleared plotscavengedyes09/22/2021 silver-haired bat50423carcass search3-day 90-m cleared plotscavengedyes09/22/2021 silver-haired bat1431carcass search3-day 90-m cleared plotscavengedyes09/22/2021 eastern red bat70209carcass search3-day 90-m cleared plotscavengedyes09/23/2021 eastern red bat88214carcass searchtwice per week 70-m uncleared plotscavengedyes09/23/2021 eastern red bat53210carcass searchtwice per week 70-m uncleared plotscavengedyes09/23/2021 hoary bat19230carcass searchtwice per week 70-m uncleared plotscavengedyes09/23/2021 silver-haired bat72204carcass search**twice per week 70-m uncleared plotscavengedyes09/23/2021 silver-haired bat24211carcass search**twice per week 70-m uncleared plotscavengedyes09/23/2021 silver-haired bat64231carcass search**twice per week 70-m uncleared plotscavengedyes09/24/2021 eastern red bat64231carcass search**twice per week 70-m uncleared plotscavengedyes09/24/2021 eastern red bat64231carcass searchtwice per week 70-m uncleared plotscaveng	Found		Distance	_			Physical	Aided
09/22/2021 silver-haired bat54423carcass search3-day 90-m cleared plotscavengedyes09/22/2021 silver-haired bat1431carcass search3-day 90-m cleared plotscavengedyes09/22/2021 silver-haired bat70209carcass search3-day 90-m cleared plotscavengedyes09/23/2021 eastern red bat48212carcass searchtwice per week 70-m uncleared plotscavengedyes09/23/2021 eastern red bat58214carcass searchtwice per week 70-m uncleared plotscavengedyes09/23/2021 hoary bat53210carcass searchtwice per week 70-m uncleared plotscavengedyes09/23/2021 silver-haired bat72204carcass searchtwice per week 70-m uncleared plotscavengedyes09/23/2021 silver-haired bat72204carcass searchtwice per week 70-m uncleared plotscavengedyes09/23/2021 silver-haired bat72204carcass searchtwice per week 70-m uncleared plotscavengedyes09/23/2021 silver-haired bat64231carcass searchtwice per week 70-m uncleared plotscavengedyes09/24/2021 eastern red bat66231carcass searchtwice per week 70-m uncleared plotscavengedyes09/24/2021 eastern red bat56420carcass searchtwice per week 70-m uncleared plotscavengedyes09/24/2021 eastern red bat64231carcass searchtwice per week 70-m	Date	Species	from Turbine	Turbine	Search Type	Search Area Type	Condition	Search
09/22/2021silver-haired bat50423carcass search3-day 90-m cleared plotscavengedyes09/22/2021eastern red bat70209carcass searchtwice per week 70-m uncleared plotscavengedyes09/23/2021eastern red bat58214carcass searchtwice per week 70-m uncleared plotscavengedyes09/23/2021eastern red bat81232carcass searchtwice per week 70-m uncleared plotscavengedyes09/23/2021hoary bat19230carcass searchtwice per week 70-m uncleared plotscavengedyes09/23/2021hoary bat19230carcass searchtwice per week 70-m uncleared plotscavengedyes09/23/2021silver-haired bat72204carcass searchtwice per week 70-m uncleared plotscavengedyes09/23/2021silver-haired bat72204carcass searchtwice per week 70-m uncleared plotscavengedyes09/23/2021silver-haired bat7424211carcass searchtwice per week 70-m uncleared plotscavengedyes09/24/2021eastern red bat64231carcass searchtwice per week 70-m uncleared plotscavengedyes09/24/2021eastern red bat75245carcass searchtwice per week 70-m uncleared plotscavengedyes09/24/2021eastern red bat64231carcass searchtwice per week 70-m uncleared plotscavengedyes	09/22/2021	silver-haired bat	39	423	carcass search	3-day 90-m cleared plot	scavenged	yes
1431carcass search carcass search3-day 90-m cleared plot scavenged ves09/23/2021eastern red bat48212carcass search twice per week 70-m uncleared plot scavenged ves09/23/2021eastern red bat58214carcass search twice per week 70-m uncleared plot twice per week 70-m uncleared plot twice per week 70-m uncleared plot scavenged ves09/23/2021hearty bat53210carcass search twice per week 70-m uncleared plot twice per week 70-m uncleared plot tscavenged ves09/23/2021hoary bat53210carcass search twice per week 70-m uncleared plot twice per week 70-m uncleared plot tscavenged ves09/23/2021silver-haired bat72204carcass search twice per week 70-m uncleared plot tscavenged ves09/23/2021silver-haired bat24211carcass search twice per week 70-m uncleared plot tscavenged ves09/23/2021silver-haired bat64231carcass search twice per week 70-m uncleared plot twice per week 70-m uncleared plot tscavenged ves09/24/2021eastern red bat64231carcass search twice per week 70-m uncleared plot tscavenged ves09/24/2021eastern red bat56250carcass search twice per week 70-m uncleared plot tscavenged ves09/24/2021eastern red bat64231carcass search twice per week 70-m uncleared plot tscavenged ves09/24/2021eastern red bat58402carcass search twice per week 70-m uncleared plot tscavenged ves09/	09/22/2021	silver-haired bat	54	423	carcass search	3-day 90-m cleared plot	scavenged	yes
09/23/2021eastern red bat70209carcass searchtwice per week 70-m uncleared plotscavengedyes09/23/2021eastern red bat58214carcass searchtwice per week 70-m uncleared plotscavengedyes09/23/2021eastern red bat53210carcass searchtwice per week 70-m uncleared plotscavengedyes09/23/2021hoary bat19230carcass searchtwice per week 70-m uncleared plotscavengedyes09/23/2021silver-haired bat35203carcass searchtwice per week 70-m uncleared plotscavengedyes09/23/2021silver-haired bat72204carcass searchtwice per week 70-m uncleared plotscavengedyes09/23/2021silver-haired bat48210carcass searchtwice per week 70-m uncleared plotscavengedyes09/23/2021silver-haired bat6231carcass searchtwice per week 70-m uncleared plotscavengedyes09/24/2021eastern red bat6231carcass searchtwice per week 70-m uncleared plotscavengedyes09/24/2021eastern red bat56250carcass searchtwice per week 70-m uncleared plotscavengedyes09/24/2021eastern red bat2222carcass searchtwice per week 70-m uncleared plotscavengedyes09/24/2021eastern red bat2222carcass searchtwice per week 70-m uncleared plotscavengedy	09/22/2021	silver-haired bat	50	423	carcass search	3-day 90-m cleared plot	scavenged	yes
09/23/2021 09/23/2021 09/23/2021 09/23/2021 09/23/2021 09/23/2021 09/23/2021 09/23/2021 09/23/2021 09/23/2021 09/23/2021 09/23/2021 09/23/2021 09/23/2021 09/23/2021 09/23/2021 09/23/2021 00/24/2021 00/24	09/22/2021	silver-haired bat	1	431	carcass search	3-day 90-m cleared plot	scavenged	yes
09/23/2021eastern red bat58214carcass search carcass searchtwice per week 70-m uncleared plot twice per week 70-m uncleared plot twice per week 70-m uncleared plot scavengedyes09/23/2021hoary bat53210carcass search twice per week 70-m uncleared plot twice per week 70-m uncleared plot scavengedyes09/23/2021silver-haired bat72204 carcass search*twice per week 70-m uncleared plot twice per week 70-m uncleared plot twice per week 70-m uncleared plot scavengedyes09/23/2021silver-haired bat48210 carcass search*twice per week 70-m uncleared plot twice per week 70-m uncleared plot scavengedyes09/24/2021 eastern red bat64231 carcass searchtwice per week 70-m uncleared plot twice per week 70-m uncleared plot twice per week 70-m uncleared plot twice per week 70-m uncleared plot scavengedyes09/24/2021 eastern red bat56250 carcass searchtwice per week 70-m uncleared plot twice per week 70-m uncleared plot twice per week 70-m uncleared plot scavengedyes09/24/2021 eastern red bat22402 carcass search3-day 90-m cleared plot twice per week 70-m uncleared plot twice per week 70-m uncleared plot scavengedyes09/24/2021 eastern red bat34229 carcass sear	09/23/2021	eastern red bat	70	209	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/23/2021eastern red bat81232carcass searchtwice per week road and padintactno09/23/2021hoary bat19230carcass searchtwice per week road and padiscavengedyes09/23/2021silver-haired bat35203carcass searchtwice per week road and padscavengedyes09/23/2021silver-haired bat72204carcass searchtwice per week road and padscavengedyes09/23/2021silver-haired bat24211carcass searchtwice per week road and padintactno09/23/2021silver-haired bat85422carcass searchtwice per week road and padintactno09/23/2021silver-haired bat64231carcass searchtwice per week road and padintactno09/24/2021eastern red bat64231carcass searchtwice per week road and padintactno09/24/2021eastern red bat56250carcass searchtwice per week ro-m uncleared plotscavengedyes09/24/2021eastern red bat22328incidentaltwice per week r0-m uncleared plotscavengedyes09/24/2021silver-haired bat47208carcass search3-day 90-m cleared plotscavengedyes09/24/2021silver-haired bat41229carcass searchtwice per week r0-m uncleared plotscavengedyes09/24/2021silver-haired bat46238<	09/23/2021	eastern red bat	48	212	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/23/2021hoary bat53210carcass searchtwice per week 70-m uncleared plotdismemberedyes09/23/2021silver-haired bat35203carcass searchtwice per week 70-m uncleared plotscavengedyes09/23/2021silver-haired bat72204carcass searchtwice per week 70-m uncleared plotscavengedyes09/23/2021silver-haired bat24211carcass searchtwice per week 70-m uncleared plotscavengedyes09/23/2021silver-haired bat64231carcass searchtwice per week 70-m uncleared plotscavengedyes09/24/2021eastern red bat64231carcass searchtwice per week 70-m uncleared plotscavengedyes09/24/2021eastern red bat56250carcass searchtwice per week 70-m uncleared plotscavengedyes09/24/2021eastern red bat22328incidentaltwice per week 70-m uncleared plotscavengedyes09/24/2021eastern red bat22328incidentaltwice per week 70-m uncleared plotscavengedyes09/24/2021eastern red bat22402carcass searchtwice per week 70-m uncleared plotscavengedyes09/24/2021silver-haired bat47208carcass searchtwice per week 70-m uncleared plotscavengedyes09/24/2021silver-haired bat41229carcass searchtwice per week 70-m uncleared plotscavenged <td< td=""><td>09/23/2021</td><td>eastern red bat</td><td>58</td><td></td><td>carcass search</td><td>twice per week 70-m uncleared plot</td><td>scavenged</td><td>yes</td></td<>	09/23/2021	eastern red bat	58		carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/23/2021hoarý bat19230carcass searchtwice per week road and padscavengedno09/23/2021silver-haired bat72204carcass searchtwice per week 70-m uncleared plotscavengedyes09/23/2021silver-haired bat24211carcass searchtwice per week 70-m uncleared plotscavengedyes09/23/2021silver-haired bat24211carcass searchtwice per week 70-m uncleared plotscavengedyes09/23/2021silver-haired bat6231carcass searchtwice per week 70-m uncleared plotscavengedyes09/24/2021eastern red bat64231carcass searchtwice per week 70-m uncleared plotscavengedyes09/24/2021eastern red bat56250carcass searchtwice per week 70-m uncleared plotscavengedyes09/24/2021eastern red bat22328incidentaltwice per week 70-m uncleared plotscavengedyes09/24/2021eastern red bat22328carcass searchtwice per week 70-m uncleared plotscavengedyes09/24/2021isiver-haired bat47208carcass searchtwice per week 70-m uncleared plotscavengedyes09/24/2021silver-haired bat41229carcass searchtwice per week 70-m uncleared plotscavengedyes09/24/2021silver-haired bat46239carcass searchtwice per week 70-m uncleared plotscavengedyes<	09/23/2021	eastern red bat	81	232	carcass search	twice per week road and pad	intact	no
09/23/2021 silver-haired bat35203carcass searchtwice per week 70-m uncleared plotscavengedyes09/23/2021 silver-haired bat48210carcass searchtwice per week 70-m uncleared plotscavengedyes09/23/2021 silver-haired bat24211carcass searchtwice per week 70-m uncleared plotscavengedyes09/23/2021 silver-haired bat6231carcass searchtwice per week 70-m uncleared plotscavengedyes09/24/2021 eastern red bat6231carcass searchtwice per week 70-m uncleared plotscavengedyes09/24/2021 eastern red bat56250carcass searchtwice per week 70-m uncleared plotscavengedyes09/24/2021 eastern red bat56250carcass searchtwice per week 70-m uncleared plotscavengedyes09/24/2021 eastern red bat22328incidentaltwice per week 70-m uncleared plotscavengedyes09/24/2021 silver-haired bat47208carcass search3-day 90-m cleared plotscavengedyes09/24/2021 silver-haired bat34229carcass searchtwice per week 70-m uncleared plotscavengedyes09/24/2021 silver-haired bat46238carcass searchtwice per week 70-m uncleared plotscavengedyes09/24/2021 silver-haired bat46238carcass searchtwice per week 70-m uncleared plotscavengedyes09/24/2021 silver-haired bat46238carcass search<	09/23/2021	hoary bat	53	210	carcass search	twice per week 70-m uncleared plot	dismembered	yes
09/23/2021 silver-haired bat72204carcass search**twice per week 70-m uncleared plotscavengedyes09/23/2021 silver-haired bat24211carcass searchtwice per week 70-m uncleared plotscavengedyes09/23/2021 silver-haired bat24211carcass searchtwice per week 70-m uncleared plotscavengedyes09/23/2021 silver-haired bat6231carcass searchtwice per week 70-m uncleared plotscavengedyes09/24/2021 eastern red bat64231carcass searchtwice per week 70-m uncleared plotscavengedyes09/24/2021 eastern red bat56250carcass searchtwice per week 70-m uncleared plotscavengedyes09/24/2021 eastern red bat22328incidentaltwice per week 70-m uncleared plotscavengedyes09/24/2021 eastern red bat22402carcass searchtwice per week 70-m uncleared plotscavengedyes09/24/2021 sliver-haired bat47208carcass searchtwice per week 70-m uncleared plotscavengedyes09/24/2021 silver-haired bat41229carcass searchtwice per week 70-m uncleared plotscavengedyes09/24/2021 silver-haired bat46238carcass searchtwice per week 70-m uncleared plotscavengedyes09/24/2021 silver-haired bat46238carcass searchtwice per week 70-m uncleared plotscavengedyes09/24/2021 silver-haired bat44241c	09/23/2021	hoary bat	19	230	carcass search	twice per week road and pad	scavenged	no
09/23/2021 silver-haired bat48210carcass searchtwice per week 70-m uncleared plotscavengedyes09/23/2021 silver-haired bat85422carcass searchtwice per week 70-m uncleared plotscavengedyes09/24/2021 eastern red bat6231carcass searchtwice per week 70-m uncleared plotscavengedyes09/24/2021 eastern red bat64231carcass searchtwice per week 70-m uncleared plotscavengedyes09/24/2021 eastern red bat56250carcass searchtwice per week 70-m uncleared plotscavengedyes09/24/2021 eastern red bat56250carcass searchtwice per week 70-m uncleared plotscavengedyes09/24/2021 eastern red bat22328incidentaltwice per week 70-m uncleared plotscavengedyes09/24/2021 bary bat22402carcass search3-day 90-m cleared plotscavengedyes09/24/2021 silver-haired bat41229carcass search-3-day 90-m uncleared plotscavengedyes09/24/2021 silver-haired bat34229carcass searchtwice per week 70-m uncleared plotscavengedyes09/24/2021 silver-haired bat46239carcass searchtwice per week 70-m uncleared plotscavengedyes09/24/2021 silver-haired bat46238carcass searchtwice per week 70-m uncleared plotscavengedyes09/24/2021 silver-haired bat44241carcass searchtwice per	09/23/2021	silver-haired bat	35	203	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/23/2021 silver-haired bat24211carcass searchtwice per week 70-m uncleared plotscavengedyes09/23/2021 silver-haired bat6231carcass searchtwice per week 70-m uncleared plotscavengedyes09/24/2021 eastern red bat64231carcass searchtwice per week 70-m uncleared plotscavengedyes09/24/2021 eastern red bat56250carcass searchtwice per week 70-m uncleared plotscavengedyes09/24/2021 eastern red bat56250carcass searchtwice per week 70-m uncleared plotscavengedyes09/24/2021 eastern red bat58402carcass search3-day 90-m cleared plotscavengedyes09/24/2021 silver-haired bat47208carcass search3-day 90-m cleared plotscavengedyes09/24/2021 silver-haired bat34229carcass searchtwice per week 70-m uncleared plotscavengedyes09/24/2021 silver-haired bat34229carcass searchtwice per week 70-m uncleared plotscavengedyes09/24/2021 silver-haired bat16238carcass searchtwice per week 70-m uncleared plotscavengedyes09/24/2021 silver-haired bat44241carcass searchtwice per week 70-m uncleared plotscavengedyes09/24/2021 silver-haired bat48250carcass searchtwice per week 70-m uncleared plotscavengedyes09/24/2021 silver-haired bat44241carcass search <t< td=""><td>09/23/2021</td><td>silver-haired bat</td><td>72</td><td>204</td><td>carcass search**</td><td>twice per week 70-m uncleared plot</td><td>scavenged</td><td>yes</td></t<>	09/23/2021	silver-haired bat	72	204	carcass search**	twice per week 70-m uncleared plot	scavenged	yes
09/23/2021 silver-haired bat85422carcass searchtwice per week road and padintactno09/24/2021 eastern red bat6231carcass searchtwice per week 70-m uncleared plotscavengedyes09/24/2021 eastern red bat35245incidentaltwice per week 70-m uncleared plotscavengedyes09/24/2021 eastern red bat56250carcass searchtwice per week 70-m uncleared plotscavengedyes09/24/2021 eastern red bat22328incidentaltwice per week 70-m uncleared plotscavengedyes09/24/2021 eastern red bat58402carcass search3-day 90-m cleared plotscavengedyes09/24/2021 biver-haired bat47208carcass search3-day 90-m cleared plotscavengedyes09/24/2021 silver-haired bat34229carcass searchtwice per week 70-m uncleared plotscavengedyes09/24/2021 silver-haired bat34229carcass searchtwice per week 70-m uncleared plotscavengedyes09/24/2021 silver-haired bat16239incidentaltwice per week 70-m uncleared plotintactyes09/24/2021 silver-haired bat44241carcass searchtwice per week 70-m uncleared plotintactyes09/24/2021 silver-haired bat48250carcass searchtwice per week 70-m uncleared plotintactyes09/24/2021 silver-haired bat51241carcass searchtwice per week 70-m uncleared plo	09/23/2021	silver-haired bat	48	210	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/24/2021eastern red bat6231carcass searchtwice per week 70-m uncleared plotscavengedyes09/24/2021eastern red bat35245incidentaltwice per week 70-m uncleared plotscavengedyes09/24/2021eastern red bat56250carcass searchtwice per week 70-m uncleared plotscavengedyes09/24/2021eastern red bat22328incidentaltwice per week 70-m uncleared plotscavengedyes09/24/2021eastern red bat22328incidentaltwice per week 70-m uncleared plotscavengedyes09/24/2021eastern red bat22402carcass search3-day 90-m cleared plotscavengedyes09/24/2021silver-haired bat41229carcass searchtwice per week 70-m uncleared plotscavengedyes09/24/2021silver-haired bat34229carcass searchtwice per week 70-m uncleared plotscavengedyes09/24/2021silver-haired bat46238carcass searchtwice per week 70-m uncleared plotscavengedyes09/24/2021silver-haired bat44241carcass searchtwice per week 70-m uncleared plotscavengedyes09/24/2021silver-haired bat48250carcass searchtwice per week 70-m uncleared plotscavengedyes09/24/2021silver-haired bat48250carcass searchtwice per week 70-m uncleared plotscavengedyes <td>09/23/2021</td> <td>silver-haired bat</td> <td>24</td> <td>211</td> <td>carcass search</td> <td>twice per week 70-m uncleared plot</td> <td>scavenged</td> <td>yes</td>	09/23/2021	silver-haired bat	24	211	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/24/2021eastern red bat64231carcass searchtwice per week 70-m uncleared plotscavengedyes09/24/2021eastern red bat56250carcass searchtwice per week 70-m uncleared plotscavengedyes09/24/2021eastern red bat22328incidentaltwice per week 70-m uncleared plotscavengedyes09/24/2021eastern red bat22328incidentaltwice per week 70-m uncleared plotscavengedyes09/24/2021eastern red bat58402carcass search3-day 90-m cleared plotscavengedyes09/24/2021silver-haired bat47208carcass search3-day 90-m cleared plotscavengedyes09/24/2021silver-haired bat41229carcass searchtwice per week 70-m uncleared plotscavengedyes09/24/2021silver-haired bat34229carcass searchtwice per week 70-m uncleared plotscavengedyes09/24/2021silver-haired bat46238carcass searchtwice per week 70-m uncleared plotscavengedyes09/24/2021silver-haired bat16239incidentaltwice per week 70-m uncleared plotscavengedyes09/24/2021silver-haired bat44241carcass searchtwice per week 70-m uncleared plotscavengedyes09/24/2021silver-haired bat51241carcass searchtwice per week 70-m uncleared plotintactyes0	09/23/2021	silver-haired bat	85	422	carcass search	twice per week road and pad	intact	no
09/24/2021eastern red bat35245incidentaltwice per week 70-m cleared plotscavengedyes09/24/2021eastern red bat56250carcass searchtwice per week 70-m uncleared plotintactyes09/24/2021eastern red bat58402carcass search3-day 90-m cleared plotiscavengedyes09/24/2021hoary bat22402carcass search3-day 90-m cleared plotintactyes09/24/2021silver-haired bat47208carcass searchtwice per week 70-m uncleared plotscavengedyes09/24/2021silver-haired bat41229carcass searchtwice per week 70-m uncleared plotscavengedyes09/24/2021silver-haired bat34229carcass searchtwice per week 70-m uncleared plotscavengedyes09/24/2021silver-haired bat98231carcass search**twice per week 70-m uncleared plotscavengedyes09/24/2021silver-haired bat46238carcass search***twice per week 70-m uncleared plotscavengedyes09/24/2021silver-haired bat44241carcass searchtwice per week 70-m uncleared plotintactyes09/24/2021silver-haired bat48250carcass searchtwice per week 70-m uncleared plotintactyes09/24/2021silver-haired bat44241carcass searchtwice per week 70-m uncleared plotintactyes09/24	09/24/2021	eastern red bat	6	231	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/24/2021 eastern red bat56250carcass searchtwice per week 70-m uncleared plotintactyes09/24/2021 eastern red bat22328incidentaltwice per week 70-m uncleared plotscavengedyes09/24/2021 eastern red bat58402carcass search3-day 90-m cleared plotscavengedyes09/24/2021 silver-haired bat47208carcass search3-day 90-m cleared plotintactyes09/24/2021 silver-haired bat41229carcass search3-day 90-m cleared plotscavengedyes09/24/2021 silver-haired bat41229carcass searchtwice per week 70-m uncleared plotscavengedyes09/24/2021 silver-haired bat34229carcass searchtwice per week 70-m uncleared plotscavengedyes09/24/2021 silver-haired bat46238carcass searchtwice per week 70-m uncleared plotscavengedyes09/24/2021 silver-haired bat16239incidentaltwice per week 70-m uncleared plotintactyes09/24/2021 silver-haired bat44241carcass searchtwice per week 70-m uncleared plotintactyes09/24/2021 silver-haired bat51241carcass searchtwice per week 70-m uncleared plotintactyes09/24/2021 silver-haired bat51241carcass searchtwice per week 70-m uncleared plotscavengedyes09/24/2021 silver-haired bat48250carcass searchtwice per week 70-m uncleared	09/24/2021	eastern red bat	64	231	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/24/2021 eastern red bat22328incidentaltwice per week 70-m uncleared plotscavengedyes09/24/2021 eastern red bat58402carcass search3-day 90-m cleared plotscavengedyes09/24/2021 silver-haired bat47208carcass search3-day 90-m cleared plotintactyes09/24/2021 silver-haired bat41229carcass searchtwice per week 70-m uncleared plotscavengedyes09/24/2021 silver-haired bat34229carcass searchtwice per week 70-m uncleared plotscavengedyes09/24/2021 silver-haired bat98231carcass searchtwice per week 70-m uncleared plotscavengedyes09/24/2021 silver-haired bat46238carcass searchtwice per week 70-m uncleared plotscavengedyes09/24/2021 silver-haired bat16239incidentaltwice per week 70-m uncleared plotscavengedyes09/24/2021 silver-haired bat44241carcass searchtwice per week 70-m uncleared plotintactyes09/24/2021 silver-haired bat51241carcass searchtwice per week 70-m uncleared plotscavengedyes09/24/2021 silver-haired bat48250carcass searchtwice per week 70-m uncleared plotscavengedyes09/24/2021 silver-haired bat51241carcass searchtwice per week 70-m uncleared plotscavengedyes09/24/2021 silver-haired bat51241carcass searchtwice p	09/24/2021	eastern red bat	35	245	incidental	twice per week 70-m cleared plot	scavenged	yes
09/24/2021eastern red bat58402carcass search3-day 90-m cleared plotscavengedyes09/24/2021hoary bat22402carcass search3-day 90-m cleared plotintactyes09/24/2021silver-haired bat47208carcass searchtwice per week 70-m uncleared plotscavengedyes09/24/2021silver-haired bat41229carcass searchtwice per week 70-m uncleared plotscavengedyes09/24/2021silver-haired bat34229carcass searchtwice per week 70-m uncleared plotscavengedyes09/24/2021silver-haired bat98231carcass searchtwice per week 70-m uncleared plotscavengedyes09/24/2021silver-haired bat46238carcass searchtwice per week 70-m cleared plotscavengedyes09/24/2021silver-haired bat16239incidentaltwice per week 70-m cleared plotintactyes09/24/2021silver-haired bat44241carcass searchtwice per week 70-m uncleared plotintactyes09/24/2021silver-haired bat48250carcass searchtwice per week 70-m uncleared plotintactyes09/24/2021silver-haired bat24255carcass searchtwice per week 70-m uncleared plotintactyes09/24/2021silver-haired bat24255carcass searchtwice per week 70-m uncleared plotscavengedyes09/24/202	09/24/2021	eastern red bat	56	250	carcass search	twice per week 70-m uncleared plot	intact	yes
09/24/2021 hoary bat22402carcass search carcass search3-day 90-m cleared plotintactyes09/24/2021 silver-haired bat47208carcass search carcass searchtwice per week 70-m uncleared plotscavengedyes09/24/2021 silver-haired bat34229carcass search carcass searchtwice per week 70-m uncleared plotscavengedyes09/24/2021 silver-haired bat98231carcass search carcass search**twice per week 70-m uncleared plotscavengedyes09/24/2021 silver-haired bat16239incidentaltwice per week 70-m cleared plotintactyes09/24/2021 silver-haired bat16239incidentaltwice per week 70-m cleared plotintactyes09/24/2021 silver-haired bat44241carcass searchtwice per week 70-m uncleared plotintactyes09/24/2021 silver-haired bat44241carcass searchtwice per week 70-m uncleared plotintactyes09/24/2021 silver-haired bat51241carcass searchtwice per week 70-m uncleared plotintactyes09/24/2021 silver-haired bat24255carcass searchtwice per week 70-m uncleared plotintactyes09/24/2021 silver-haired bat31303carcass searchtwice per week 70-m uncleared plotscavengedyes09/24/2021 silver-haired bat36303carcass searchtwice per week 70-m uncleared plotscavengedyes09/24/2021 silver-haired	09/24/2021	eastern red bat	22	328	incidental	twice per week 70-m uncleared plot	scavenged	yes
09/24/2021 silver-haired bat47208carcass search carcass searchtwice per week 70-m uncleared plotscavengedyes09/24/2021 silver-haired bat34229carcass search carcass searchtwice per week 70-m uncleared plotscavengedyes09/24/2021 silver-haired bat98231carcass search carcass searchtwice per week 70-m uncleared plotscavengedyes09/24/2021 silver-haired bat46238carcass search carcass searchtwice per week 70-m uncleared plotscavengedyes09/24/2021 silver-haired bat16239incidentaltwice per week 70-m cleared plotintactyes09/24/2021 silver-haired bat44241carcass search twice per week 70-m uncleared plotintactyes09/24/2021 silver-haired bat44241carcass search twice per week 70-m uncleared plotintactyes09/24/2021 silver-haired bat51241carcass search twice per week 70-m uncleared plotintactyes09/24/2021 silver-haired bat24255carcass search twice per week 70-m uncleared plotintactyes09/24/2021 silver-haired bat31303carcass search twice per week 70-m uncleared plotscavengedyes09/24/2021 silver-haired bat36303carcass search twice per week 70-m uncleared plotscavengedyes09/24/2021 silver-haired bat36303carcass searchtwice per week 70-m uncleared plotscavengedyes09/24/2021 silver-h	09/24/2021	eastern red bat	58	402	carcass search	3-day 90-m cleared plot	scavenged	yes
09/24/2021 silver-haired bat41229carcass search carcass searchtwice per week 70-m uncleared plotscavengedyes09/24/2021 silver-haired bat34229carcass searchtwice per week 70-m uncleared plotscavengedyes09/24/2021 silver-haired bat46238carcass searchtwice per week 70-m cleared plotscavengedyes09/24/2021 silver-haired bat16239incidentaltwice per week 70-m cleared plotscavengedyes09/24/2021 silver-haired bat44241carcass searchtwice per week 70-m uncleared plotintactyes09/24/2021 silver-haired bat44241carcass searchtwice per week 70-m uncleared plotintactyes09/24/2021 silver-haired bat51241carcass searchtwice per week 70-m uncleared plotintactyes09/24/2021 silver-haired bat51241carcass searchtwice per week 70-m uncleared plotintactyes09/24/2021 silver-haired bat48250carcass searchtwice per week 70-m uncleared plotintactyes09/24/2021 silver-haired bat24255carcass searchtwice per week 70-m uncleared plotintactyes09/24/2021 silver-haired bat31303carcass searchtwice per week 70-m uncleared plotscavengedyes09/24/2021 silver-haired bat36303carcass searchtwice per week 70-m uncleared plotscavengedyes09/24/2021 silver-haired bat24255<	09/24/2021	hoary bat	22	402	carcass search	3-day 90-m cleared plot	intact	yes
09/24/2021 silver-haired bat34229carcass searchtwice per week 70-m uncleared plotscavengedyes09/24/2021 silver-haired bat98231carcass searchtwice per week 70-m uncleared plotscavengedyes09/24/2021 silver-haired bat46238carcass searchtwice per week 70-m cleared plotscavengedyes09/24/2021 silver-haired bat16239incidentaltwice per week 70-m uncleared plotintactyes09/24/2021 silver-haired bat44241carcass searchtwice per week 70-m uncleared plotintactyes09/24/2021 silver-haired bat44241carcass searchtwice per week 70-m uncleared plotintactyes09/24/2021 silver-haired bat51241carcass searchtwice per week 70-m uncleared plotintactyes09/24/2021 silver-haired bat48250carcass searchtwice per week 70-m uncleared plotintactyes09/24/2021 silver-haired bat24255carcass searchtwice per week 70-m uncleared plotintactyes09/24/2021 silver-haired bat31303carcass searchtwice per week 70-m uncleared plotscavengedyes09/24/2021 silver-haired bat36303carcass searchtwice per week 70-m uncleared plotscavengedyes09/24/2021 silver-haired bat36303carcass searchtwice per week 70-m uncleared plotscavengedyes09/24/2021 silver-haired bat36303carcass search	09/24/2021	silver-haired bat	47	208	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/24/2021 silver-haired bat98231carcass search** carcass searchtwice per week 70-m uncleared plot scavenged yesscavenged yes09/24/2021 silver-haired bat16239incidentaltwice per week 70-m cleared plot twice per week 70-m cleared plotscavenged yes09/24/2021 silver-haired bat16239incidentaltwice per week 70-m uncleared plot twice per week 70-m uncleared plotintact yes09/24/2021 silver-haired bat44241 carcass searchcarcass search twice per week 70-m uncleared plotintact yes09/24/2021 silver-haired bat51241 carcass searchcarcass search twice per week 70-m uncleared plotscavenged yes09/24/2021 silver-haired bat51241 carcass searchtwice per week 70-m uncleared plot twice per week 70-m uncleared plotintact yes09/24/2021 silver-haired bat51241 carcass searchtwice per week 70-m uncleared plot twice per week 70-m uncleared plotintact yes09/24/2021 silver-haired bat24255 carcass searchtwice per week 70-m uncleared plot twice per week road and pad twice per week 70-m uncleared plotscavenged yes09/24/2021 silver-haired bat31303 carcass searchtwice per week 70-m uncleared plot twice per wee	09/24/2021	silver-haired bat	41	229	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/24/2021 silver-haired bat46238carcass search incidentaltwice per week 70-m cleared plot intactscavenged yes09/24/2021 silver-haired bat16239incidentaltwice per week 70-m cleared plotintactyes09/24/2021 silver-haired bat44241carcass search carcass searchtwice per week 70-m uncleared plotintactyes09/24/2021 silver-haired bat44241carcass search carcass searchtwice per week 70-m uncleared plotintactyes09/24/2021 silver-haired bat51241carcass search carcass searchtwice per week 70-m uncleared plotdismemberedyes09/24/2021 silver-haired bat48250carcass search carcass searchtwice per week 70-m uncleared plotintactyes09/24/2021 silver-haired bat24255carcass search carcass searchtwice per week 70-m uncleared plotintactyes09/24/2021 silver-haired bat31303carcass search carcass searchtwice per week 70-m uncleared plotscavengedyes09/24/2021 silver-haired bat36303carcass search carcass searchtwice per week 70-m uncleared plotscavengedyes09/24/2021 silver-haired bat36303carcass search carcass searchtwice per week 70-m uncleared plotscavengedyes09/24/2021 silver-haired bat36303carcass searchtwice per week 70-m uncleared plotscavengedyes09/24/2021 silver-haired bat36303ca	09/24/2021	silver-haired bat	34	229	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/24/2021 silver-haired bat16239incidentaltwice per week 70-m cleared plotintactyes09/24/2021 silver-haired bat44241carcass searchtwice per week 70-m uncleared plotintactyes09/24/2021 silver-haired bat44241carcass searchtwice per week 70-m uncleared plotintactyes09/24/2021 silver-haired bat51241carcass searchtwice per week 70-m uncleared plotdismemberedyes09/24/2021 silver-haired bat51241carcass searchtwice per week 70-m uncleared plotintactyes09/24/2021 silver-haired bat24255carcass searchtwice per week 70-m uncleared plotintactyes09/24/2021 silver-haired bat24255carcass searchtwice per week 70-m uncleared plotintactyes09/24/2021 silver-haired bat31303carcass searchtwice per week 70-m uncleared plotscavengedno09/24/2021 silver-haired bat36303carcass searchtwice per week 70-m uncleared plotscavengedyes09/24/2021 silver-haired bat36303carcass searc	09/24/2021	silver-haired bat	98	231	carcass search**	twice per week 70-m uncleared plot	scavenged	yes
09/24/2021 silver-haired bat44241carcass search carcass searchtwice per week 70-m uncleared plot twice per week 70	09/24/2021	silver-haired bat	46	238	carcass search	twice per week 70-m cleared plot	scavenged	yes
09/24/2021 silver-haired bat44241carcass search carcass searchtwice per week 70-m uncleared plotscavengedyes09/24/2021 silver-haired bat51241carcass search carcass searchtwice per week 70-m uncleared plotdismemberedyes09/24/2021 silver-haired bat48250carcass search carcass searchtwice per week 70-m uncleared plotintactyes09/24/2021 silver-haired bat24255carcass search carcass searchtwice per week 70-m uncleared plotscavengedno09/24/2021 silver-haired bat31303carcass search sarcass searchtwice per week 70-m uncleared plotscavengedyes09/24/2021 silver-haired bat36303carcass search sarcass searchtwice per week 70-m uncleared plotscavengedyes09/24/2021 silver-haired bat36303carcass searchtwice per week 70-m uncleared plotscavengedyes09/24/2021 silver-haired bat36303carcass searchtwice per week 70-m uncleared plotscavengedyes	09/24/2021	silver-haired bat	16	239	incidental	twice per week 70-m cleared plot	intact	yes
09/24/2021 silver-haired bat51241carcass searchtwice per week 70-m uncleared plotdismemberedyes09/24/2021 silver-haired bat48250carcass searchtwice per week 70-m uncleared plotintactyes09/24/2021 silver-haired bat24255carcass searchtwice per week 70-m uncleared plotintactyes09/24/2021 silver-haired bat31303carcass searchtwice per week 70-m uncleared plotscavengedno09/24/2021 silver-haired bat31303carcass searchtwice per week 70-m uncleared plotscavengedyes09/24/2021 silver-haired bat36303carcass searchtwice per week 70-m uncleared plotscavengedyes	09/24/2021	silver-haired bat	44	241	carcass search	twice per week 70-m uncleared plot	intact	yes
09/24/2021 silver-haired bat48250carcass search carcass searchtwice per week 70-m uncleared plot twice per week road and padyes09/24/2021 silver-haired bat24255carcass search carcass searchtwice per week road and padscavengedno09/24/2021 silver-haired bat31303carcass search scavengedtwice per week 70-m uncleared plotscavengedyes09/24/2021 silver-haired bat36303carcass search scavengedtwice per week 70-m uncleared plotscavengedyes	09/24/2021	silver-haired bat	44	241	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/24/2021 silver-haired bat48250carcass search carcass searchtwice per week 70-m uncleared plot intactyes09/24/2021 silver-haired bat24255carcass search carcass searchtwice per week road and padscavengedno09/24/2021 silver-haired bat31303carcass search scavengedtwice per week 70-m uncleared plot intactyes09/24/2021 silver-haired bat36303carcass searchtwice per week 70-m uncleared plot scavengedyes	09/24/2021	silver-haired bat	51	241	carcass search	twice per week 70-m uncleared plot	dismembered	yes
09/24/2021 silver-haired bat24255carcass searchtwice per week road and padscavengedno09/24/2021 silver-haired bat31303carcass searchtwice per week 70-m uncleared plotscavengedyes09/24/2021 silver-haired bat36303carcass searchtwice per week 70-m uncleared plotscavengedyes	09/24/2021	silver-haired bat	48	250	carcass search			•
09/24/2021 silver-haired bat31303carcass searchtwice per week 70-m uncleared plot scavengedyes09/24/2021 silver-haired bat36303carcass searchtwice per week 70-m uncleared plot scavengedyes	09/24/2021	silver-haired bat	24	255	carcass search	twice per week road and pad	scavenged	•
09/24/2021 silver-haired bat 36 303 carcass search twice per week 70-m uncleared plot scavenged yes	09/24/2021	silver-haired bat	31	303	carcass search			yes
	09/24/2021	silver-haired bat	36	303	carcass search		•	•
	09/24/2021	silver-haired bat	24	315	carcass search		•	•

Appendix A. Carcasses found at the Timber Road Wind Farm, Paulding County, Ohio, from April 1 – May 15 and August 1 – October 16, 2021.

DateSpeciesfrom Turbine Turbine Search TypeSearch Area TypeConditionSearch09/24/2021 silver-haired bat31316carcass search**twice per week 70-m uncleared plotintactyes09/24/2021 silver-haired bat76319carcass search**twice per week 70-m uncleared plotintactyes09/24/2021 silver-haired bat58322carcass searchtwice per week 70-m uncleared plotscavengedyes09/24/2021 silver-haired bat55325carcass search3-day 90-m cleared plotscavengedyes09/24/2021 silver-haired bat69401carcass search3-day 90-m cleared plotscavengedyes09/24/2021 silver-haired bat54405carcass search3-day 90-m cleared plotscavengedyes09/24/2021 silver-haired bat61329carcass searchtwice per week 70-m uncleared plotintactyes09/25/2021 eastern red bat61329carcass searchtwice per week 70-m uncleared plotscavengedyes09/25/2021 eastern red bat14420carcass search3-day 90-m cleared plotscavengedyes09/25/2021 eastern red bat14420carcass search3-day 90-m cleared plotscavengedyes09/25/2021 hoary bat82410carcass search3-day 90-m cleared plotscavengedyes09/25/2021 silver-haired bat34328carcass searchtwice per week 70-m uncleared plotscavengedyes <t< th=""><th>Found</th><th></th><th>Distance</th><th></th><th></th><th></th><th>Physical</th><th>Aided</th></t<>	Found		Distance				Physical	Aided
09/24/2021silver-haired bat77319carcass search**twice per week 70-m uncleared plotintactyes09/24/2021silver-haired bat58321carcass search**twice per week 70-m uncleared plotintactyes09/24/2021silver-haired bat59325carcass searchtwice per week 70-m uncleared plotintactyes09/24/2021silver-haired bat59325carcass searchtwice per week 70-m uncleared plotscavengedyes09/24/2021silver-haired bat57326carcass search3-day 90-m cleared plotintactyes09/24/2021silver-haired bat54405carcass search3-day 90-m cleared plotintactyes09/25/2021big brown bat62339carcass searchtwice per week 70-m uncleared plotintactyes09/25/2021eastern red bat61329carcass searchtwice per week 70-m uncleared plotscavengedyes09/25/2021eastern red bat14420carcass searchtwice per week 70-m uncleared plotscavengedyes09/25/2021hoary bat31333carcass searchtwice per week 70-m uncleared plotscavengedyes09/25/2021hoary bat31333carcass searchtwice per week 70-m uncleared plotscavengedyes09/25/2021hoary bat34328carcass searchtwice per week 70-m uncleared plotscavengedyes09/25/2021sil	Date	Species	from Turbine	Turbine	Search Type	Search Area Type	Condition	Search
09/24/2021silver-haired bat76319carcass searchtwice per week 70-m uncleared plotintactyes09/24/2021silver-haired bat59325carcass searchtwice per week 70-m uncleared plotscavengedyes09/24/2021silver-haired bat55325carcass searchtwice per week 70-m cleared plotscavengedyes09/24/2021silver-haired bat69401carcass search3-day 90-m cleared plotscavengedyes09/24/2021silver-haired bat54405carcass search3-day 90-m cleared plotintactyes09/25/2021big brown bat62339carcass search3-day 90-m cleared plotscavengedyes09/25/2021eastern red bat61329carcass searchtwice per week 70-m uncleared plotscavengedyes09/25/2021eastern red bat15345carcass searchtwice per week 70-m uncleared plotscavengedyes09/25/2021eastern red bat14420carcass search3-day 90-m cleared plotscavengedyes09/25/2021hoary bat32carcass search3-day 90-m cleared plotscavengedyes09/25/2021hoary bat32carcass search3-day 90-m cleared plotscavengedyes09/25/2021hoary bat32carcass search3-day 90-m cleared plotscavengedyes09/25/2021silver-haired bat34252carcass search3-day 90-m cleared	09/24/2021	silver-haired bat	31	316	carcass search	twice per week road and pad	dismembered	no
09/24/2021silver-haired bat58321carcass searchtwice per week 70-m uncleared plotintactyes09/24/2021silver-haired bat55325carcass searchtwice per week 70-m cleared plotscavengedyes09/24/2021silver-haired bat69401carcass search3-day 90-m cleared plotscavengedyes09/24/2021silver-haired bat54405carcass search3-day 90-m cleared plotintactyes09/24/2021silver-haired bat54405carcass search3-day 90-m cleared plotintactyes09/25/2021eastern red bat62339carcass searchtwice per week 70-m uncleared plotscavengedyes09/25/2021eastern red bat61329carcass searchtwice per week 70-m uncleared plotscavengedyes09/25/2021eastern red bat80414carcass search3-day 90-m cleared plotdismemberedyes09/25/2021eastern red bat14420carcass search3-day 90-m cleared plotscavengedyes09/25/2021hoary bat31333carcass search3-day 90-m cleared plotscavengedyes09/25/2021hoary bat34226carcass search3-day 90-m cleared plotscavengedyes09/25/2021hoary bat34226carcass search3-day 90-m cleared plotscavengedyes09/25/2021silver-haired bat34226carcass search<	09/24/2021	silver-haired bat	77	319	carcass search**	twice per week 70-m uncleared plot	intact	yes
09/24/2021 silver-haired bat59325carcass searchtwice per week 70-m cleared plotscavengedyes09/24/2021 silver-haired bat69401carcass search3-day 90-m cleared plotscavengedyes09/24/2021 silver-haired bat37404carcass search3-day 90-m cleared plotintactyes09/24/2021 silver-haired bat54405carcass search3-day 90-m cleared plotintactyes09/25/2021 big brown bat62339carcass search3-day 90-m cleared plotintactyes09/25/2021 eastern red bat61329carcass searchtwice per week 70-m uncleared plotscavengedyes09/25/2021 eastern red bat15345carcass searchtwice per week 70-m uncleared plotscavengedyes09/25/2021 eastern red bat14420carcass search3-day 90-m cleared plotscavengedyes09/25/2021 eastern red bat14420carcass search3-day 90-m cleared plotscavengedyes09/25/2021 hoary bat2040328carcass searchtwice per week 70-m uncleared plotscavengedyes09/25/2021 silver-haired bat34328carcass searchtwice per week 70-m uncleared plotintactyes09/25/2021 silver-haired bat34328carcass searchtwice per week 70-m uncleared plotintactyes09/25/2021 silver-haired bat34328carcass searchtwice per week 70-m uncleared plotintacty	09/24/2021	silver-haired bat	76	319	carcass search**	twice per week 70-m uncleared plot	scavenged	yes
09/24/2021 silver-haired bat55325carcass searchtwice per week 70-m cleared plotscavengedyes09/24/2021 silver-haired bat37404carcass search3-day 90-m cleared plotintactyes09/24/2021 silver-haired bat54405carcass search3-day 90-m cleared plotintactyes09/24/2021 silver-haired bat54405carcass search3-day 90-m cleared plotintactyes09/25/2021 eastern red bat61329carcass searchtwice per week 70-m uncleared plotscavengedyes09/25/2021 eastern red bat61329carcass searchtwice per week 70-m uncleared plotscavengedyes09/25/2021 eastern red bat14420carcass search3-day 90-m cleared plotscavengedyes09/25/2021 hoary bat40328carcass search3-day 90-m cleared plotscavengedyes09/25/2021 hoary bat31333carcass searchtwice per week 70-m uncleared plotscavengedyes09/25/2021 silver-haired bat34322carcass searchtwice per week 70-m uncleared plotintactyes09/25/2021 silver-haired bat40329carcass searchtwice per week 70-m uncleared plotintactyes09/25/2021 silver-haired bat34322carcass searchtwice per week 70-m uncleared plotintactyes09/25/2021 silver-haired bat30331carcass searchtwice per week 70-m uncleared plotintactyes <td>09/24/2021</td> <td>silver-haired bat</td> <td></td> <td></td> <td>carcass search</td> <td>twice per week 70-m uncleared plot</td> <td>intact</td> <td>yes</td>	09/24/2021	silver-haired bat			carcass search	twice per week 70-m uncleared plot	intact	yes
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	09/24/2021	silver-haired bat	59	325	carcass search	twice per week 70-m cleared plot	scavenged	yes
09/24/2021silver-haired bat37404carcass search3-day 90-m cleared plotintactyes09/24/2021silver-haired bat54405carcass search3-day 90-m cleared plotintactyes09/25/2021big brown bat62339carcass searchsolve PCintactyes09/25/2021eastern red bat61329carcass searchtwice per week 70-m uncleared plotscavengedyes09/25/2021eastern red bat61329carcass searchtwice per week 70-m uncleared plotscavengedyes09/25/2021eastern red bat14420carcass search3-day 90-m cleared plotscavengedyes09/25/2021eastern red bat14420carcass search3-day 90-m cleared plotscavengedyes09/25/2021hoary bat40328carcass search3-day 90-m cleared plotscavengedyes09/25/2021hoary bat31333carcass searchtwice per week 70-m uncleared plotintactyes09/25/2021silver-haired bat34328carcass search </td <td>09/24/2021</td> <td>silver-haired bat</td> <td>55</td> <td>325</td> <td>carcass search</td> <td>twice per week 70-m cleared plot</td> <td>scavenged</td> <td>yes</td>	09/24/2021	silver-haired bat	55	325	carcass search	twice per week 70-m cleared plot	scavenged	yes
09/24/2021silver-haired bat54405carcass search3-daý 90-m cleared plotintactyes09/25/2021big brown bat62339carcass searchtwice per week 70-m uncleared plotscavengedyes09/25/2021eastern red bat15345carcass searchtwice per week 70-m uncleared plotscavengedyes09/25/2021eastern red bat15345carcass search3-day 90-m cleared plotscavengedyes09/25/2021eastern red bat14420carcass search3-day 90-m cleared plotscavengedyes09/25/2021hoary bat20328carcass search3-day 90-m cleared plotscavengedyes09/25/2021hoary bat31333carcass searchtwice per week 70-m uncleared plotscavengedyes09/25/2021hoary bat82410carcass searchtwice per week 70-m uncleared plotintactyes09/25/2021silver-haired bat34328carcass searchtwice per week 70-m uncleared plotintactyes09/25/2021silver-haired bat57 <td>09/24/2021</td> <td>silver-haired bat</td> <td></td> <td></td> <td>carcass search</td> <td>3-day 90-m cleared plot</td> <td>scavenged</td> <td>yes</td>	09/24/2021	silver-haired bat			carcass search	3-day 90-m cleared plot	scavenged	yes
09/25/2021big brown bat62339carcass searchtwice per week 70-m uncleared plotscavengedyes09/25/2021eastern red bat61329carcass searchtwice per week 70-m uncleared plotscavengedyes09/25/2021eastern red bat15345carcass searchtwice per week 70-m uncleared plotscavengedyes09/25/2021eastern red bat80414carcass search3-day 90-m cleared plotscavengedyes09/25/2021eastern red bat40328carcass search3-day 90-m cleared plotscavengedyes09/25/2021hoary bat31333carcass searchtwice per week 70-m uncleared plotscavengedyes09/25/2021hoary bat82410carcass searchtwice per week 70-m uncleared plotintactyes09/25/2021silver-haired bat44252carcass searchtwice per week 70-m cleared plotintactyes09/25/2021silver-haired bat34328carcass searchtwice per week 70-m uncleared plotintactyes09/25/2021silver-haired bat34328carcass searchtwice per week 70-m uncleared plotintactyes09/25/2021silver-haired bat57332carcass searchtwice per week 70-m uncleared plotintactyes09/25/2021silver-haired bat57332carcass searchtwice per week 70-m uncleared plotintactyes09/25/2021silve	09/24/2021	silver-haired bat			carcass search	3-day 90-m cleared plot	intact	yes
09/25/2021eastern red bat58252carcass searchtwice per week 70-m cleared plotscavengedyes09/25/2021eastern red bat15345carcass search3-day 90-m cleared plotintactyes09/25/2021eastern red bat14420carcass search3-day 90-m cleared plotdismemberedyes09/25/2021eastern red bat14420carcass search3-day 90-m cleared plotscavengedyes09/25/2021hoary bat40328carcass search3-day 90-m cleared plotscavengedyes09/25/2021hoary bat82410carcass search3-day 90-m cleared plotintactyes09/25/2021silver-haired bat44252carcass searchtwice per week 70-m uncleared plotintactyes09/25/2021silver-haired bat34328carcass searchtwice per week 70-m uncleared plotintactyes09/25/2021silver-haired bat44252carcass searchtwice per week 70-m uncleared plotintactyes09/25/2021silver-haired bat34328carcass searchtwice per week 70-m uncleared plotintactyes09/25/2021silver-haired bat34328carcass searchtwice per week 70-m uncleared plotintactyes09/25/2021silver-haired bat34328carcass searchtwice per week 70-m uncleared plotintactyes09/25/2021silver-haired bat573	09/24/2021	silver-haired bat	54	405	carcass search	3-day 90-m cleared plot	intact	yes
09/25/2021eastern red bat61329carcass searchtwice per week 70-m uncleared plotintactyes09/25/2021eastern red bat15345carcass search3-day 90-m cleared plotscavengedyes09/25/2021eastern red bat14420carcass search3-day 90-m cleared plotscavengedyes09/25/2021hoary bat40328carcass searchtwice per week 70-m uncleared plotscavengedyes09/25/2021hoary bat31333carcass searchtwice per week 70-m uncleared plotscavengedyes09/25/2021hoary bat82410carcass searchtwice per week 70-m uncleared plotintactyes09/25/2021silver-haired bat44252carcass searchtwice per week 70-m uncleared plotintactyes09/25/2021silver-haired bat34328carcass searchtwice per week 70-m uncleared plotintactyes09/25/2021silver-haired bat34328carcass searchtwice per week 70-m uncleared plotintactyes09/25/2021silver-haired bat34328carcass searchtwice per week 70-m uncleared plotintactyes09/25/2021silver-haired bat20331carcass searchtwice per week 70-m uncleared plotintactyes09/25/2021silver-haired bat77332carcass searchtwice per week 70-m uncleared plotintactyes09/25/2021silver-hair	09/25/2021	big brown bat			carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/25/2021eastern red bat15345carcass searchtwice per week 70-m uncleared plotscavengedyes09/25/2021eastern red bat14420carcass search3-day 90-m cleared plotscavengedyes09/25/2021hoary bat40328carcass search3-day 90-m cleared plotscavengedyes09/25/2021hoary bat31333carcass search3-day 90-m cleared plotscavengedyes09/25/2021hoary bat82410carcass search3-day 90-m cleared plotintactyes09/25/2021silver-haired bat44252carcass search3-day 90-m cleared plotintactyes09/25/2021silver-haired bat34328carcass searchtwice per week 70-m uncleared plotscavengedyes09/25/2021silver-haired bat34328carcass searchtwice per week 70-m uncleared plotscavengedyes09/25/2021silver-haired bat40329carcass searchtwice per week 70-m uncleared plotintactyes09/25/2021silver-haired bat57332carcass searchtwice per week 70-m uncleared plotintactyes09/25/2021silver-haired bat57332carcass searchtwice per week 70-m uncleared plotintactyes09/25/2021silver-haired bat70343carcass searchtwice per week 70-m uncleared plotintactyes09/25/2021silver-haired bat75 <td< td=""><td>09/25/2021</td><td>eastern red bat</td><td></td><td></td><td>carcass search</td><td>twice per week 70-m cleared plot</td><td>scavenged</td><td>yes</td></td<>	09/25/2021	eastern red bat			carcass search	twice per week 70-m cleared plot	scavenged	yes
09/25/2021eastern red bat80414carcass search3-day 90-m cleared plotdismemberedyes09/25/2021eastern red bat14420carcass search3-day 90-m cleared plotscavengedyes09/25/2021hoary bat31333carcass searchtwice per week 70-m uncleared plotscavengedyes09/25/2021hoary bat82410carcass search3-day 90-m cleared plotintactyes09/25/2021silver-haired bat44252carcass search3-day 90-m cleared plotintactyes09/25/2021silver-haired bat34328carcass searchtwice per week 70-m uncleared plotintactyes09/25/2021silver-haired bat34328carcass searchtwice per week 70-m uncleared plotintactyes09/25/2021silver-haired bat20331carcass searchtwice per week 70-m uncleared plotintactyes09/25/2021silver-haired bat57332carcass searchtwice per week 70-m uncleared plotintactyes09/25/2021silver-haired bat67333carcass searchtwice per week 70-m uncleared plotintactyes09/25/2021silver-haired bat70343carcass searchtwice per week 70-m uncleared plotintactyes09/25/2021silver-haired bat70343carcass searchtwice per week 70-m uncleared plotintactyes09/25/2021silver-haired bat <t< td=""><td>09/25/2021</td><td>eastern red bat</td><td></td><td></td><td>carcass search</td><td>twice per week 70-m uncleared plot</td><td>intact</td><td>yes</td></t<>	09/25/2021	eastern red bat			carcass search	twice per week 70-m uncleared plot	intact	yes
09/25/2021eastern red bat14420carcass search3-day 90-m cleared plotscavengedyes09/25/2021hoary bat31333carcass searchtwice per week 70-m uncleared plotintactyes09/25/2021hoary bat82410carcass searchtwice per week 70-m uncleared plotintactyes09/25/2021silver-haired bat44252carcass searchtwice per week 70-m cleared plotintactyes09/25/2021silver-haired bat34328carcass searchtwice per week 70-m uncleared plotintactyes09/25/2021silver-haired bat40329carcass searchtwice per week 70-m uncleared plotintactyes09/25/2021silver-haired bat20331carcass searchtwice per week 70-m uncleared plotintactyes09/25/2021silver-haired bat58332carcass searchtwice per week 70-m uncleared plotintactyes09/25/2021silver-haired bat67333carcass searchtwice per week 70-m uncleared plotintactyes09/25/2021silver-haired bat70343carcass searchtwice per week 70-m uncleared plotintactyes09/25/2021silver-haired bat75345carcass searchtwice per week 70-m uncleared plotintactyes09/25/2021silver-haired bat75345carcass searchtwice per week 70-m uncleared plotintactyes09/25/2021 <td< td=""><td>09/25/2021</td><td>eastern red bat</td><td></td><td>345</td><td>carcass search</td><td>twice per week 70-m uncleared plot</td><td>scavenged</td><td>yes</td></td<>	09/25/2021	eastern red bat		345	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/25/2021 hoary bat40328carcass searchtwice per week 70-m uncleared plotscavengedyes09/25/2021 hoary bat31333carcass searchwice per week 70-m uncleared plotscavengedyes09/25/2021 silver-haired bat44252carcass searchscavengedyes09/25/2021 silver-haired bat38252carcass searchtwice per week 70-m cleared plotintactyes09/25/2021 silver-haired bat34328carcass searchtwice per week 70-m uncleared plotscavengedyes09/25/2021 silver-haired bat40329carcass searchtwice per week 70-m uncleared plotscavengedyes09/25/2021 silver-haired bat20331carcass searchtwice per week 70-m uncleared plotintactyes09/25/2021 silver-haired bat57332carcass searchtwice per week 70-m uncleared plotintactyes09/25/2021 silver-haired bat57332carcass searchtwice per week 70-m uncleared plotintactyes09/25/2021 silver-haired bat70343carcass searchtwice per week 70-m uncleared plotintactyes09/25/2021 silver-haired bat70343carcass searchtwice per week 70-m uncleared plotintactyes09/25/2021 silver-haired bat75345carcass searchtwice per week 70-m uncleared plotintactyes09/25/2021 silver-haired bat75345carcass searchtwice per week 70-m uncleared plotintact<					carcass search		dismembered	yes
09/25/2021 hoary bat31333carcass searchtwice per week 70-m uncleared plotscavengedyes09/25/2021 silver-haired bat44252carcass searchtwice per week 70-m cleared plotintactyes09/25/2021 silver-haired bat38252carcass searchtwice per week 70-m uncleared plotintactyes09/25/2021 silver-haired bat34328carcass searchtwice per week 70-m uncleared plotintactyes09/25/2021 silver-haired bat40329carcass searchtwice per week 70-m uncleared plotintactyes09/25/2021 silver-haired bat20331carcass searchtwice per week 70-m uncleared plotintactyes09/25/2021 silver-haired bat58332carcass searchtwice per week 70-m uncleared plotintactyes09/25/2021 silver-haired bat67332carcass searchtwice per week 70-m uncleared plotintactyes09/25/2021 silver-haired bat67333carcass searchtwice per week 70-m uncleared plotintactyes09/25/2021 silver-haired bat70343carcass searchtwice per week 70-m uncleared plotintactyes09/25/2021 silver-haired bat70343carcass searchtwice per week 70-m uncleared plotintactyes09/25/2021 silver-haired bat73343carcass searchtwice per week 70-m uncleared plotintactyes09/25/2021 silver-haired bat75345carcass searchtwice per	09/25/2021	eastern red bat			carcass search	3-day 90-m cleared plot	scavenged	yes
09/25/2021hoary bat82410carcass search3-day 90-m cleared plotintactyes09/25/2021silver-haired bat44252carcass searchtwice per week 70-m cleared plotintactyes09/25/2021silver-haired bat38252carcass searchtwice per week 70-m cleared plotscavengedyes09/25/2021silver-haired bat34328carcass searchtwice per week 70-m uncleared plotintactyes09/25/2021silver-haired bat40329carcass searchtwice per week 70-m uncleared plotintactyes09/25/2021silver-haired bat20331carcass searchtwice per week 70-m uncleared plotintactyes09/25/2021silver-haired bat58332carcass searchtwice per week 70-m uncleared plotintactyes09/25/2021silver-haired bat67333carcass searchtwice per week 70-m uncleared plotintactyes09/25/2021silver-haired bat67333carcass searchtwice per week 70-m uncleared plotintactyes09/25/2021silver-haired bat70343carcass searchtwice per week 70-m uncleared plotintactyes09/25/2021silver-haired bat75345carcass searchtwice per week 70-m uncleared plotintactyes09/25/2021silver-haired bat75345carcass searchtwice per week 70-m uncleared plotintactyes09/25/2021					carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/25/2021 silver-haired bat44252carcass searchtwice per week 70-m cleared plotintactyes09/25/2021 silver-haired bat34328carcass searchtwice per week 70-m uncleared plotintactyes09/25/2021 silver-haired bat40329carcass searchtwice per week 70-m uncleared plotintactyes09/25/2021 silver-haired bat2031carcass searchtwice per week 70-m uncleared plotintactyes09/25/2021 silver-haired bat58332carcass searchtwice per week 70-m uncleared plotintactyes09/25/2021 silver-haired bat57332carcass searchtwice per week 70-m uncleared plotintactyes09/25/2021 silver-haired bat67333carcass searchtwice per week 70-m uncleared plotintactyes09/25/2021 silver-haired bat70343carcass searchtwice per week 70-m uncleared plotintactyes09/25/2021 silver-haired bat70343carcass searchtwice per week 70-m uncleared plotintactyes09/25/2021 silver-haired bat75345carcass searchtwice per week 70-m uncleared plotintactyes09/25/2021 silver-haired bat78407carcass search3-day 90-m cleared plotintactyes09/25/2021 silver-haired bat78407carcass search3-day 90-m cleared plotintactyes09/25/2021 silver-haired bat99407carcass search3-day 90-m cleared plot	09/25/2021	hoary bat		333	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/25/2021 silver-haired bat38252carcass searchtwice per week 70-m cleared plotscavengedyes09/25/2021 silver-haired bat40329carcass searchtwice per week 70-m uncleared plotintactyes09/25/2021 silver-haired bat2031carcass searchtwice per week 70-m uncleared plotintactyes09/25/2021 silver-haired bat2031carcass searchtwice per week 70-m uncleared plotintactyes09/25/2021 silver-haired bat58332carcass searchtwice per week 70-m uncleared plotintactyes09/25/2021 silver-haired bat57332carcass searchtwice per week 70-m uncleared plotintactyes09/25/2021 silver-haired bat67333carcass searchtwice per week 70-m uncleared plotintactyes09/25/2021 silver-haired bat70343carcass searchtwice per week 70-m uncleared plotintactyes09/25/2021 silver-haired bat75345carcass searchtwice per week 70-m uncleared plotintactyes09/25/2021 silver-haired bat75345carcass search**twice per week 70-m uncleared plotintactyes09/25/2021 silver-haired bat78407carcass search**3-day 90-m cleared plotintactyes09/25/2021 silver-haired bat99407carcass search**3-day 90-m cleared plotintactyes09/25/2021 silver-haired bat24407carcass search**3-day 90-m cleared	09/25/2021	hoary bat			carcass search	3-day 90-m cleared plot	intact	yes
09/25/2021 silver-haired bat34328carcass searchtwice per week 70-m uncleared plotintactyes09/25/2021 silver-haired bat20331carcass searchtwice per week 70-m uncleared plotintactyes09/25/2021 silver-haired bat20331carcass searchtwice per week 70-m uncleared plotintactyes09/25/2021 silver-haired bat58332carcass searchtwice per week 70-m uncleared plotintactyes09/25/2021 silver-haired bat57332carcass searchtwice per week 70-m uncleared plotintactyes09/25/2021 silver-haired bat67333carcass searchtwice per week 70-m uncleared plotintactyes09/25/2021 silver-haired bat70343carcass searchtwice per week 70-m uncleared plotintactyes09/25/2021 silver-haired bat70343carcass searchtwice per week 70-m uncleared plotintactyes09/25/2021 silver-haired bat75345carcass searchtwice per week 70-m uncleared plotscavengedyes09/25/2021 silver-haired bat75345carcass searchtwice per week 70-m uncleared plotintactyes09/25/2021 silver-haired bat75345carcass search**twice per week 70-m uncleared plotintactyes09/25/2021 silver-haired bat78407carcass search**3-day 90-m cleared plotintactyes09/25/2021 silver-haired bat24407carcass search**3-day	09/25/2021	silver-haired bat			carcass search		intact	yes
09/25/2021 silver-haired bat40329carcass searchtwice per week 70-m uncleared plotscavengedyes09/25/2021 silver-haired bat20331carcass searchtwice per week 70-m uncleared plotintactyes09/25/2021 silver-haired bat57332carcass searchtwice per week 70-m uncleared plotintactyes09/25/2021 silver-haired bat67333carcass searchtwice per week 70-m uncleared plotintactyes09/25/2021 silver-haired bat67333carcass searchtwice per week 70-m uncleared plotintactyes09/25/2021 silver-haired bat70343carcass searchtwice per week 70-m uncleared plotintactyes09/25/2021 silver-haired bat70343carcass searchtwice per week 70-m uncleared plotintactyes09/25/2021 silver-haired bat75345carcass search**twice per week 70-m uncleared plotscavengedyes09/25/2021 silver-haired bat78407carcass search**twice per week 70-m uncleared plotintactyes09/25/2021 silver-haired bat78407carcass search**3-day 90-m cleared plotintactyes09/25/2021 silver-haired bat24407carcass search3-day 90-m cleared plotintactyes09/25/2021 silver-haired bat24407carcass search3-day 90-m cleared plotintactyes09/25/2021 silver-haired bat64407carcass search**3-day 90-m cleared plo					carcass search			yes
09/25/2021 silver-haired bat20331carcass search carcass searchtwice per week 70-m uncleared plotintactyes09/25/2021 silver-haired bat58332carcass search carcass searchtwice per week 70-m uncleared plotintactyes09/25/2021 silver-haired bat57332carcass search carcass searchtwice per week 70-m uncleared plotintactyes09/25/2021 silver-haired bat67333carcass search carcass searchtwice per week 70-m uncleared plotintactyes09/25/2021 silver-haired bat70343carcass search carcass searchtwice per week 70-m uncleared plotintactyes09/25/2021 silver-haired bat70343carcass search carcass searchtwice per week 70-m uncleared plotscavengedyes09/25/2021 silver-haired bat75345carcass search carcass searchtwice per week 70-m uncleared plotintactyes09/25/2021 silver-haired bat75345carcass search carcass search**twice per week 70-m uncleared plotintactyes09/25/2021 silver-haired bat78407carcass search**3-day 90-m cleared plotintactyes09/25/2021 silver-haired bat24407carcass search3-day 90-m cleared plotintactyes09/25/2021 silver-haired bat24407carcass search3-day 90-m cleared plotintactyes09/25/2021 silver-haired bat64407carcass search**3-day 90-m cleared plotintac	09/25/2021	silver-haired bat	34		carcass search	twice per week 70-m uncleared plot	intact	yes
09/25/2021 silver-haired bat58332carcass searchtwice per week 70-m uncleared plotintactyes09/25/2021 silver-haired bat57332carcass searchtwice per week 70-m uncleared plotintactyes09/25/2021 silver-haired bat67333carcass searchtwice per week 70-m uncleared plotintactyes09/25/2021 silver-haired bat23333carcass searchtwice per week 70-m uncleared plotintactyes09/25/2021 silver-haired bat70343carcass searchtwice per week 70-m uncleared plotscavengedyes09/25/2021 silver-haired bat70343carcass searchtwice per week 70-m uncleared plotscavengedyes09/25/2021 silver-haired bat75345carcass searchtwice per week 70-m uncleared plotintactyes09/25/2021 silver-haired bat75345carcass searchtwice per week 70-m uncleared plotintactyes09/25/2021 silver-haired bat78407carcass search3-day 90-m cleared plotintactyes09/25/2021 silver-haired bat99407carcass search3-day 90-m cleared plotintactyes09/25/2021 silver-haired bat24407carcass search3-day 90-m cleared plotintactyes09/25/2021 silver-haired bat64407carcass search3-day 90-m cleared plotintactyes09/25/2021 silver-haired bat92414carcass search**3-day 90-m cleared plotintact<	09/25/2021	silver-haired bat	40		carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/25/2021 silver-haired bat57332carcass searchtwice per week 70-m uncleared plotintactyes09/25/2021 silver-haired bat67333carcass searchtwice per week 70-m uncleared plotintactyes09/25/2021 silver-haired bat70343carcass searchtwice per week 70-m uncleared plotintactyes09/25/2021 silver-haired bat70343carcass searchtwice per week 70-m uncleared plotscavengedyes09/25/2021 silver-haired bat75345carcass searchtwice per week 70-m uncleared plotscavengedyes09/25/2021 silver-haired bat75345carcass searchtwice per week 70-m uncleared plotintactyes09/25/2021 silver-haired bat78407carcass search3-day 90-m cleared plotintactyes09/25/2021 silver-haired bat99407carcass search3-day 90-m cleared plotintactyes09/25/2021 silver-haired bat24407carcass search3-day 90-m cleared plotintactyes09/25/2021 silver-haired bat24407carcass search3-day 90-m cleared plotintactyes09/25/2021 silver-haired bat64407carcass search3-day 90-m cleared plotintactyes09/25/2021 silver-haired bat92414carcass search3-day 90-m cleared plotintactyes09/25/2021 silver-haired bat92414carcass search**3-day 90-m cleared plotintactyes<	09/25/2021	silver-haired bat			carcass search	twice per week 70-m uncleared plot	intact	yes
09/25/2021 silver-haired bat67333carcass searchtwice per week 70-m uncleared plotintactyes09/25/2021 silver-haired bat23333carcass searchtwice per week 70-m uncleared plotintactyes09/25/2021 silver-haired bat70343carcass searchtwice per week 70-m uncleared plotscavengedyes09/25/2021 silver-haired bat37343carcass searchtwice per week 70-m uncleared plotscavengedyes09/25/2021 silver-haired bat75345carcass search**twice per week 70-m uncleared plotintactyes09/25/2021 silver-haired bat78407carcass search**3-day 90-m cleared plotintactyes09/25/2021 silver-haired bat99407carcass search**3-day 90-m cleared plotintactyes09/25/2021 silver-haired bat24407carcass search**3-day 90-m cleared plotintactyes09/25/2021 silver-haired bat24407carcass search**3-day 90-m cleared plotintactyes09/25/2021 silver-haired bat64407carcass search3-day 90-m cleared plotintactyes09/25/2021 silver-haired bat92414carcass search**3-day 90-m cleared plotintactyes09/25/2021 silver-haired bat92414carcass search**3-day 90-m cleared plotintactyes09/25/2021 silver-haired bat92414carcass search**3-day 90-m cleared plotintactyes <td>09/25/2021</td> <td>silver-haired bat</td> <td></td> <td></td> <td>carcass search</td> <td>twice per week 70-m uncleared plot</td> <td>intact</td> <td>yes</td>	09/25/2021	silver-haired bat			carcass search	twice per week 70-m uncleared plot	intact	yes
09/25/2021 silver-haired bat23333carcass search carcass searchtwice per week 70-m uncleared plot twice per week 70-m uncleared plotintact yes09/25/2021 silver-haired bat70343carcass search carcass searchtwice per week 70-m uncleared plot twice per week 70-m uncleared plotscavenged yes09/25/2021 silver-haired bat75345carcass search carcass search**twice per week 70-m uncleared plot intactyes09/25/2021 silver-haired bat75345carcass search**3-day 90-m cleared plotintactyes09/25/2021 silver-haired bat99407carcass search**3-day 90-m cleared plotintactyes09/25/2021 silver-haired bat24407carcass search carcass search3-day 90-m cleared plotintactyes09/25/2021 silver-haired bat64407carcass search carcass search3-day 90-m cleared plotintactyes09/25/2021 silver-haired bat92414carcass search**3-day 90-m cleared plotintactyes09/25	09/25/2021	silver-haired bat			carcass search	twice per week 70-m uncleared plot	intact	yes
09/25/2021 silver-haired bat70343carcass search carcass search twice per week 70-m uncleared plot twice per week 70-m uncleared plot intactyes yes yes yes yes yes twice per week 70-m uncleared plot intactyes yes yes yes yes yes yes yes yes twice per week 70-m uncleared plot intactyes yes yes yes yes yes yes yes yes yes yes twice per week 70-m uncleared plot intactyes 	09/25/2021	silver-haired bat			carcass search			yes
09/25/2021 silver-haired bat37343carcass search carcass search**twice per week 70-m uncleared plotscavengedyes09/25/2021 silver-haired bat75345carcass search**twice per week 70-m uncleared plotintactyes09/25/2021 silver-haired bat78407carcass search**3-day 90-m cleared plotintactyes09/25/2021 silver-haired bat99407carcass search**3-day 90-m cleared plotscavengedyes09/25/2021 silver-haired bat24407carcass search3-day 90-m cleared plotintactyes09/25/2021 silver-haired bat64407carcass search3-day 90-m cleared plotintactyes09/25/2021 silver-haired bat64407carcass search3-day 90-m cleared plotintactyes09/25/2021 silver-haired bat64407carcass search3-day 90-m cleared plotintactyes09/25/2021 silver-haired bat92414carcass search**3-day 90-m cleared plotintactyes					carcass search	twice per week 70-m uncleared plot	intact	yes
09/25/2021 silver-haired bat75345carcass search**twice per week 70-m uncleared plotintactyes09/25/2021 silver-haired bat78407carcass search3-day 90-m cleared plotintactyes09/25/2021 silver-haired bat99407carcass search**3-day 90-m cleared plotscavengedyes09/25/2021 silver-haired bat24407carcass search3-day 90-m cleared plotintactyes09/25/2021 silver-haired bat24407carcass search3-day 90-m cleared plotintactyes09/25/2021 silver-haired bat64407carcass search3-day 90-m cleared plotintactyes09/25/2021 silver-haired bat64407carcass search3-day 90-m cleared plotintactyes09/25/2021 silver-haired bat92414carcass search**3-day 90-m cleared plotintactyes					carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/25/2021 silver-haired bat78407carcass search3-day 90-m cleared plotintactyes09/25/2021 silver-haired bat99407carcass search**3-day 90-m cleared plotscavengedyes09/25/2021 silver-haired bat24407carcass search3-day 90-m cleared plotintactyes09/25/2021 silver-haired bat64407carcass search3-day 90-m cleared plotintactyes09/25/2021 silver-haired bat64407carcass search3-day 90-m cleared plotintactyes09/25/2021 silver-haired bat92414carcass search**3-day 90-m cleared plotintactyes	09/25/2021	silver-haired bat		343		twice per week 70-m uncleared plot	scavenged	yes
09/25/2021 silver-haired bat99407carcass search**3-day 90-m cleared plotscavengedyes09/25/2021 silver-haired bat24407carcass search3-day 90-m cleared plotintactyes09/25/2021 silver-haired bat64407carcass search3-day 90-m cleared plotintactyes09/25/2021 silver-haired bat64407carcass search3-day 90-m cleared plotintactyes09/25/2021 silver-haired bat92414carcass search**3-day 90-m cleared plotintactyes	09/25/2021	silver-haired bat	75	345	carcass search**	twice per week 70-m uncleared plot	intact	yes
09/25/2021 silver-haired bat24407carcass search3-day 90-m cleared plotintactyes09/25/2021 silver-haired bat64407carcass search3-day 90-m cleared plotintactyes09/25/2021 silver-haired bat92414carcass search**3-day 90-m cleared plotintactyes	09/25/2021	silver-haired bat			carcass search		intact	yes
09/25/2021 silver-haired bat64407carcass search3-day 90-m cleared plotintactyes09/25/2021 silver-haired bat92414carcass search**3-day 90-m cleared plotintactyes	09/25/2021	silver-haired bat	99	407	carcass search**		scavenged	yes
09/25/2021 silver-haired bat 92 414 carcass search** 3-day 90-m cleared plot intact yes	09/25/2021	silver-haired bat	24	407	carcass search	3-day 90-m cleared plot	intact	yes
	09/25/2021	silver-haired bat	64	407	carcass search	3-day 90-m cleared plot	intact	yes
09/25/2021 silver-haired bat 42 415 carcass search 3-day 90-m cleared plot intact yes	09/25/2021	silver-haired bat			carcass search**	3-day 90-m cleared plot	intact	yes
	09/25/2021	silver-haired bat	42	415	carcass search	3-day 90-m cleared plot	intact	yes

Appendix A. Carcasses found at the Timber Road Wind Farm, Paulding County, Ohio, from April 1 – May 15 and August 1 – October 16, 2021.

Found	-	Distance	-	-	-	Physical	Aided
Date	Species	from Turbine	Turbine	Search Type	Search Area Type	Condition	Search
09/25/2021	silver-haired bat	62	424	carcass search	3-day 90-m cleared plot	scavenged	yes
09/25/2021	silver-haired bat	33	424	carcass search	3-day 90-m cleared plot	scavenged	yes
09/26/2021	eastern red bat	81	202	carcass search**	twice per week 70-m uncleared plot	scavenged	yes
09/26/2021	eastern red bat	77	202	carcass search**	twice per week 70-m uncleared plot	scavenged	yes
09/26/2021	eastern red bat	86	203	carcass search**	twice per week 70-m uncleared plot	scavenged	yes
09/26/2021	hoary bat	62	211	carcass search	twice per week 70-m uncleared plot	intact	yes
09/26/2021	silver-haired bat	6	203	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/26/2021	silver-haired bat	65	204	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/26/2021	silver-haired bat	27	204	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/26/2021	silver-haired bat	45	204	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/26/2021	silver-haired bat	58	207	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/26/2021	silver-haired bat	63	209	carcass search	twice per week 70-m uncleared plot	intact	yes
	silver-haired bat	74	210	carcass search**	twice per week 70-m uncleared plot	intact	yes
09/26/2021	silver-haired bat	38	210	carcass search	twice per week 70-m uncleared plot	intact	yes
09/26/2021	silver-haired bat	62	212	carcass search	twice per week 70-m uncleared plot	intact	yes
09/26/2021	silver-haired bat	56	226	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/26/2021	silver-haired bat	61	302	carcass search	twice per week 70-m cleared plot	scavenged	yes
09/26/2021	silver-haired bat	33	302	carcass search	twice per week 70-m cleared plot	intact	yes
09/27/2021	big brown bat	26	303	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/27/2021	eastern red bat	64	313	carcass search	twice per week 70-m uncleared plot	intact	yes
09/27/2021	hoary bat	18	301	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/27/2021	silver-haired bat	56	241	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/27/2021	silver-haired bat	53	241	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/27/2021	silver-haired bat	65	250	carcass search	twice per week 70-m uncleared plot	intact	yes
09/27/2021	silver-haired bat	48	301	carcass search	twice per week 70-m uncleared plot	scavenged	yes
	silver-haired bat	67	319	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/27/2021	silver-haired bat	45	319	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/27/2021	silver-haired bat	34	319	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/27/2021	silver-haired bat	28	319	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/27/2021	silver-haired bat	26	325	carcass search	twice per week 70-m cleared plot	intact	yes
09/27/2021	silver-haired bat	97	344	carcass search	twice per week road and pad	intact	no
09/27/2021	silver-haired bat	90	403	carcass search	3-day 90-m cleared plot	scavenged	yes
09/27/2021	silver-haired bat	79	403	carcass search	3-day 90-m cleared plot	scavenged	yes
09/27/2021	silver-haired bat	23	404	carcass search	3-day 90-m cleared plot	scavenged	yes
09/27/2021	silver-haired bat	18	404	carcass search	3-day 90-m cleared plot	intact	yes
09/27/2021	silver-haired bat	40	405	carcass search	3-day 90-m cleared plot	intact	yes
					· ·		-

Appendix A. Carcasses found at the Timber Road Wind Farm, Paulding County, Ohio, from April 1 – May 15 and August 1 – October 16, 2021.

Found		Distance	-			Physical	Aided
Date	Species	from Turbine	Turbine	Search Type	Search Area Type	Condition	Search
09/28/2021	eastern red bat	35	254	carcass search	twice per week road and pad	scavenged	no
09/28/2021	eastern red bat	49	407	carcass search	3-day 90-m cleared plot	intact	yes
09/28/2021	eastern red bat	74	416	carcass search	3-day 90-m cleared plot	intact	yes
09/28/2021	eastern red bat	71	420	carcass search	3-day 90-m cleared plot	intact	yes
09/28/2021	eastern red bat	51	424	carcass search	3-day 90-m cleared plot	scavenged	yes
09/28/2021	hoary bat	28	347	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/28/2021	hoary bat	59	431	carcass search	3-day 90-m cleared plot	intact	yes
09/28/2021	Seminole bat	52	424	carcass search	3-day 90-m cleared plot	scavenged	yes
09/28/2021	silver-haired bat	29	221	carcass search	twice per week road and pad	intact	no
09/28/2021	silver-haired bat	69	239	carcass search	twice per week 70-m cleared plot	scavenged	yes
09/28/2021	silver-haired bat	53	245	carcass search	twice per week 70-m cleared plot	scavenged	yes
09/28/2021	silver-haired bat	72	333	carcass search**	twice per week 70-m uncleared plot	scavenged	yes
09/28/2021	silver-haired bat	58	333	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/28/2021	silver-haired bat	53	338	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/28/2021	silver-haired bat	29	346	carcass search	twice per week 70-m uncleared plot	intact	yes
09/28/2021	silver-haired bat	40	347	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/28/2021	silver-haired bat	50	402	incidental	3-day 90-m cleared plot	intact	yes
09/28/2021	silver-haired bat	51	407	carcass search	3-day 90-m cleared plot	scavenged	yes
09/28/2021	silver-haired bat	77	407	carcass search	3-day 90-m cleared plot	intact	yes
09/28/2021	silver-haired bat	40	420	carcass search	3-day 90-m cleared plot	scavenged	yes
09/28/2021	silver-haired bat	56	423	carcass search	3-day 90-m cleared plot	scavenged	yes
09/28/2021	silver-haired bat	32	423	carcass search	3-day 90-m cleared plot	scavenged	yes
09/28/2021	silver-haired bat	45	423	carcass search	3-day 90-m cleared plot	intact	yes
09/28/2021	silver-haired bat	45	424	carcass search	3-day 90-m cleared plot	scavenged	yes
09/28/2021	silver-haired bat	41	424	carcass search	3-day 90-m cleared plot	scavenged	yes
09/28/2021	silver-haired bat	93	424	carcass search**	3-day 90-m cleared plot	scavenged	yes
09/28/2021	silver-haired bat	88	424	carcass search	3-day 90-m cleared plot	scavenged	yes
09/29/2021	hoary bat	58	305	carcass search	twice per week road and pad	intact	no
09/29/2021	silver-haired bat	17	312	carcass search	twice per week road and pad	intact	no
09/29/2021	silver-haired bat	1	330	carcass search	twice per week road and pad	intact	no
09/29/2021	silver-haired bat	5	336	carcass search	twice per week road and pad	scavenged	no
09/30/2021	big brown bat	20	401	carcass search	3-day 90-m cleared plot	scavenged	yes
	eastern red bat	55	211	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/30/2021	eastern red bat	60	211	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/30/2021	eastern red bat	38	211	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/30/2021	eastern red bat	49	219	carcass search	twice per week 70-m uncleared plot	scavenged	yes

Appendix A. Carcasses found at the Timber Road Wind Farm, Paulding County, Ohio, from April 1 – May 15 and August 1 – October 16, 2021.

Found		Distance				Physical	Aided
Date	Species	from Turbine	Turbine	Search Type	Search Area Type	Condition	Search
09/30/2021	eastern red bat	30	219	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/30/2021	eastern red bat	47	229	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/30/2021	eastern red bat	48	229	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/30/2021	eastern red bat	56	401	carcass search	3-day 90-m cleared plot	scavenged	yes
09/30/2021	eastern red bat	85	401	carcass search	3-day 90-m cleared plot	scavenged	yes
09/30/2021	eastern red bat	30	403	carcass search	3-day 90-m cleared plot	scavenged	yes
09/30/2021	eastern red bat	34	404	carcass search	3-day 90-m cleared plot	scavenged	yes
09/30/2021	Seminole bat	66	405	carcass search	3-day 90-m cleared plot	dismembered	yes
09/30/2021	silver-haired bat	65	203	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/30/2021	silver-haired bat	47	207	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/30/2021	silver-haired bat	56	210	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/30/2021	silver-haired bat	68	211	carcass search	twice per week 70-m uncleared plot	intact	yes
09/30/2021	silver-haired bat	52	219	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/30/2021	silver-haired bat	65	229	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/30/2021	silver-haired bat	52	229	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/30/2021	silver-haired bat	7	321	incidental	twice per week 70-m uncleared plot	scavenged	yes
09/30/2021	silver-haired bat	75	401	carcass search	3-day 90-m cleared plot	scavenged	yes
09/30/2021	silver-haired bat	16	401	carcass search	3-day 90-m cleared plot	scavenged	yes
09/30/2021	silver-haired bat	56	402	carcass search	3-day 90-m cleared plot	dismembered	yes
09/30/2021	silver-haired bat	45	402	carcass search	3-day 90-m cleared plot	scavenged	yes
09/30/2021	silver-haired bat	45	403	carcass search	3-day 90-m cleared plot	intact	yes
09/30/2021	silver-haired bat	79	403	carcass search	3-day 90-m cleared plot	scavenged	yes
09/30/2021	silver-haired bat	82	403	carcass search	3-day 90-m cleared plot	scavenged	yes
09/30/2021	silver-haired bat	56	403	carcass search	3-day 90-m cleared plot	intact	yes
09/30/2021	silver-haired bat	11	404	carcass search	3-day 90-m cleared plot	scavenged	yes
09/30/2021	silver-haired bat	69	404	carcass search	3-day 90-m cleared plot	scavenged	yes
09/30/2021	silver-haired bat	30	404	carcass search	3-day 90-m cleared plot	scavenged	yes
09/30/2021	silver-haired bat	19	405	carcass search	3-day 90-m cleared plot	intact	yes
09/30/2021	silver-haired bat	50	405	carcass search	3-day 90-m cleared plot	intact	yes
09/30/2021	silver-haired bat	65	405	carcass search	3-day 90-m cleared plot	scavenged	yes
09/30/2021	silver-haired bat	12	405	carcass search	3-day 90-m cleared plot	scavenged	yes
10/01/2021	eastern red bat	39	318	carcass search	twice per week 70-m cleared plot	scavenged	yes
10/01/2021	eastern red bat	51	410	carcass search	3-day 90-m cleared plot	intact	yes
10/01/2021	eastern red bat	44	410	carcass search	3-day 90-m cleared plot	scavenged	yes
10/01/2021	eastern red bat	76	423	carcass search	3-day 90-m cleared plot	scavenged	yes
	eastern red bat	88	423	carcass search	3-day 90-m cleared plot	intact	yes

Appendix A. Carcasses found at the Timber Road Wind Farm, Paulding County, Ohio, from April 1 – May 15 and August 1 – October 16, 2021.

Found		Distance	-			Physical	Aided
Date	Species	from Turbine	Turbine	e Search Type	Search Area Type	Condition	Search
10/01/2021	eastern red bat	11	424	carcass search	3-day 90-m cleared plot	scavenged	yes
10/01/2021	eastern red bat	53	429	carcass search	twice per week road and pad	intact	no
	silver-haired bat	68	226	carcass search	twice per week 70-m uncleared plot	scavenged	yes
10/01/2021	silver-haired bat	61	303	carcass search	twice per week 70-m uncleared plot	scavenged	yes
10/01/2021	silver-haired bat	73	313	carcass search**	twice per week 70-m uncleared plot	scavenged	yes
10/01/2021	silver-haired bat	15	313	carcass search	twice per week 70-m uncleared plot	scavenged	yes
10/01/2021	silver-haired bat	61	325	carcass search	twice per week 70-m cleared plot	scavenged	yes
10/01/2021	silver-haired bat	53	325	carcass search	twice per week 70-m cleared plot	scavenged	yes
10/01/2021	silver-haired bat	67	325	carcass search	twice per week 70-m cleared plot	scavenged	yes
10/01/2021	silver-haired bat	12	410	carcass search	3-day 90-m cleared plot	intact	yes
10/01/2021	silver-haired bat	46	414	carcass search	3-day 90-m cleared plot	scavenged	yes
	silver-haired bat	18	415	carcass search	3-day 90-m cleared plot	intact	yes
	silver-haired bat	74	416	carcass search	3-day 90-m cleared plot	scavenged	yes
10/01/2021	silver-haired bat	83	423	carcass search	3-day 90-m cleared plot	intact	yes
10/01/2021	silver-haired bat	30	424	carcass search	3-day 90-m cleared plot	scavenged	yes
	silver-haired bat	58	424	carcass search	3-day 90-m cleared plot	scavenged	yes
	eastern red bat	11	212	carcass search	twice per week 70-m uncleared plot	intact	yes
10/02/2021	eastern red bat	8	310	carcass search**	twice per week road and pad	intact	no
10/02/2021	eastern red bat	43	338	carcass search	twice per week 70-m uncleared plot	•	yes
10/02/2021	eastern red bat	35	342	carcass search	twice per week 70-m uncleared plot	•	yes
10/02/2021	eastern red bat	9	345	carcass search	twice per week 70-m uncleared plot	•	yes
	silver-haired bat	36	332	carcass search	twice per week 70-m uncleared plot		yes
	big brown bat	33	218	carcass search	twice per week 70-m uncleared plot	0	yes
	eastern red bat	48	219	carcass search	twice per week 70-m uncleared plot	-	yes
10/03/2021	eastern red bat	72	224	carcass search**	twice per week 70-m uncleared plot	•	yes
	eastern red bat	57	226	carcass search	twice per week 70-m uncleared plot		yes
10/03/2021		24	219	carcass search	twice per week 70-m uncleared plot	scavenged	yes
10/03/2021	silver-haired bat	47	402	carcass search	3-day 90-m cleared plot	scavenged	yes
	silver-haired bat	40	403	carcass search	3-day 90-m cleared plot	scavenged	yes
10/04/2021	big brown bat	1	430	carcass search	twice per week road and pad	intact	no
10/04/2021	eastern red bat	63	318	carcass search	twice per week 70-m cleared plot	scavenged	yes
	eastern red bat	23	321	carcass search	twice per week 70-m uncleared plot	scavenged	yes
	eastern red bat	56	415	carcass search	3-day 90-m cleared plot	intact	yes
10/04/2021	eastern red bat	39	423	carcass search	3-day 90-m cleared plot	scavenged	yes
10/04/2021	silver-haired bat	50	229	carcass search	twice per week 70-m uncleared plot	intact	yes
10/04/2021	silver-haired bat	30	303	carcass search	twice per week 70-m uncleared plot	scavenged	yes

Appendix A. Carcasses found at the Timber Road Wind Farm, Paulding County, Ohio, from April 1 – May 15 and August 1 – October 16, 2021.

Found		Distance	-			Physical	Aided
Date	Species	from Turbine	Turbine	Search Type	Search Area Type	Condition	Search
10/04/2021	silver-haired bat	27	303	carcass search	twice per week 70-m uncleared plot	intact	yes
10/04/2021	silver-haired bat	64	325	carcass search	twice per week 70-m cleared plot	scavenged	yes
10/04/2021	silver-haired bat	7	411	carcass search	3-day 90-m cleared plot	intact	yes
10/04/2021	silver-haired bat	48	424	carcass search	3-day 90-m cleared plot	scavenged	yes
10/04/2021	unidentified bat	52	315	carcass search	twice per week 70-m uncleared plot	scavenged	yes
	unidentified bat	10	424	carcass search	3-day 90-m cleared plot	scavenged	yes
10/05/2021	hoary bat	54	331	carcass search	twice per week 70-m uncleared plot		yes
10/05/2021	silver-haired bat	22	347	carcass search	twice per week 70-m uncleared plot	scavenged	yes
10/05/2021	unidentified non-myotis	64	345	carcass search	twice per week 70-m uncleared plot	scavenged	yes
10/06/2021	silver-haired bat	74	401	carcass search	3-day 90-m cleared plot	scavenged	yes
	silver-haired bat	56	403	carcass search	3-day 90-m cleared plot	scavenged	yes
	big brown bat	1	430	carcass search	twice per week road and pad	intact	no
10/07/2021	eastern red bat	43	218	carcass search	twice per week 70-m uncleared plot	scavenged	yes
	eastern red bat	65	302	carcass search	twice per week 70-m cleared plot	scavenged	yes
	silver-haired bat	70	226	carcass search	twice per week 70-m uncleared plot	scavenged	yes
10/07/2021	silver-haired bat	13	430	carcass search	twice per week road and pad	intact	no
10/07/2021	unidentified bat	59	226	carcass search	twice per week 70-m uncleared plot		yes
	silver-haired bat	12	250	carcass search	twice per week 70-m uncleared plot	intact	yes
10/08/2021	silver-haired bat	6	253	carcass search	twice per week road and pad	scavenged	no
10/08/2021	silver-haired bat	14	301	carcass search	twice per week 70-m uncleared plot		yes
	silver-haired bat	43	327	carcass search	twice per week 70-m uncleared plot	scavenged	yes
10/08/2021	silver-haired bat	30	330	carcass search	twice per week road and pad	scavenged	no
10/09/2021	big brown bat	36	252	carcass search	twice per week 70-m cleared plot	intact	yes
	eastern red bat	58	404	carcass search	3-day 90-m cleared plot	scavenged	yes
10/09/2021	silver-haired bat	63	239	carcass search	twice per week 70-m cleared plot	scavenged	yes
	silver-haired bat	26	245	carcass search	twice per week 70-m cleared plot	intact	yes
	silver-haired bat	19	342	carcass search	twice per week 70-m uncleared plot		yes
10/09/2021	silver-haired bat	1	403	carcass search	3-day 90-m cleared plot	scavenged	yes
10/09/2021	unidentified bat	38	315	carcass search	twice per week 70-m uncleared plot		yes
10/10/2021	eastern red bat	8	202	carcass search	twice per week 70-m uncleared plot	scavenged	yes
	eastern red bat	65	423	carcass search	3-day 90-m cleared plot	intact	yes
10/10/2021	eastern red bat	43	424	carcass search	3-day 90-m cleared plot	scavenged	yes
	silver-haired bat	24	208	carcass search	twice per week 70-m uncleared plot	intact	yes
10/10/2021	silver-haired bat	72	211	carcass search**	twice per week 70-m uncleared plot	intact	yes
10/10/2021	silver-haired bat	51	411	carcass search	3-day 90-m cleared plot	intact	yes
10/10/2021	silver-haired bat	38	423	carcass search	3-day 90-m cleared plot	intact	yes

Appendix A. Carcasses found at the Timber Road Wind Farm, Paulding County, Ohio, from April 1 – May 15 and August 1 – October 16, 2021.

Found		Distance		-	-	Physical	Aided
Date	Species	from Turbine	Turbine	Search Type	Search Area Type	Condition	Search
10/10/2021	silver-haired bat	66	423	carcass search	3-day 90-m cleared plot	dismembered	yes
10/10/2021	silver-haired bat	6	423	carcass search	3-day 90-m cleared plot	scavenged	yes
10/10/2021	silver-haired bat	12	424	carcass search	3-day 90-m cleared plot	intact	yes
10/10/2021	silver-haired bat	61	424	carcass search	3-day 90-m cleared plot	scavenged	yes
10/11/2021	hoary bat	30	238	carcass search	twice per week 70-m cleared plot	scavenged	yes
10/11/2021	hoary bat	47	252	carcass search	twice per week 70-m cleared plot	scavenged	yes
10/11/2021	Seminole bat	16	413	carcass search	twice per week road and pad	intact	no
10/11/2021	silver-haired bat	24	228	carcass search**	twice per week road and pad	scavenged	no
10/11/2021	silver-haired bat	45	238	carcass search	twice per week 70-m cleared plot	scavenged	yes
10/11/2021	silver-haired bat	75	241	carcass search**	twice per week 70-m uncleared plot	scavenged	yes
10/11/2021	silver-haired bat	66	301	carcass search	twice per week 70-m uncleared plot	scavenged	yes
10/11/2021	silver-haired bat	52	303	carcass search	twice per week 70-m uncleared plot	scavenged	yes
10/11/2021	silver-haired bat	56	303	carcass search	twice per week 70-m uncleared plot	scavenged	yes
10/11/2021	silver-haired bat	24	313	carcass search	twice per week 70-m uncleared plot	intact	yes
10/11/2021	silver-haired bat	47	315	carcass search	twice per week 70-m uncleared plot	intact	yes
10/11/2021	silver-haired bat	30	321	carcass search	twice per week 70-m uncleared plot	intact	yes
10/11/2021	silver-haired bat	47	327	carcass search	twice per week 70-m uncleared plot	scavenged	yes
10/11/2021	silver-haired bat	112	421	carcass search**	twice per week road and pad	intact	no
10/11/2021	silver-haired bat	30	421	carcass search	twice per week road and pad	scavenged	no
10/12/2021	hoary bat	58	248	carcass search**	twice per week road and pad	intact	no
10/12/2021	hoary bat	40	342	carcass search	twice per week 70-m uncleared plot	scavenged	yes
10/12/2021	hoary bat	94	403	carcass search**	3-day 90-m cleared plot	scavenged	yes
10/12/2021	hoary bat	28	405	carcass search	3-day 90-m cleared plot	scavenged	yes
10/12/2021	silver-haired bat	61	229	carcass search	twice per week 70-m uncleared plot	scavenged	yes
10/12/2021	silver-haired bat	57	239	carcass search	twice per week 70-m cleared plot	scavenged	yes
10/12/2021	silver-haired bat	49	239	carcass search	twice per week 70-m cleared plot	dismembered	yes
10/12/2021	silver-haired bat	19	320	carcass search	twice per week road and pad	scavenged	no
10/12/2021	silver-haired bat	32	343	carcass search	twice per week 70-m uncleared plot	intact	yes
10/12/2021	silver-haired bat	69	402	carcass search	3-day 90-m cleared plot	scavenged	yes
10/12/2021	silver-haired bat	20	403	carcass search	3-day 90-m cleared plot	scavenged	yes
10/12/2021	silver-haired bat	38	403	carcass search	3-day 90-m cleared plot	scavenged	yes
10/12/2021	unidentified bat	67	245	carcass search	twice per week 70-m cleared plot	dismembered	yes
10/13/2021	eastern red bat	20	411	carcass search	3-day 90-m cleared plot	intact	yes
10/13/2021	hoary bat	50	415	carcass search	3-day 90-m cleared plot	intact	yes
10/13/2021	hoary bat	50	415	carcass search	3-day 90-m cleared plot	intact	yes
10/10/0001	silver-haired bat	65	410	carcass search	3-day 90-m cleared plot	intact	yes

Appendix A. Carcasses found at the Timber Road Wind Farm, Paulding County, Ohio, from April 1 – May 15 and August 1 – October 16, 2021.

DateSpeciesfrom TurbineTurbineSearch TypeSearch Area TypeConditionSearch10/13/2021silver-haired bat57414carcass search3-day 90-m cleared plotscavengedyes10/13/2021silver-haired bat57420carcass search3-day 90-m cleared plotscavengedyes10/13/2021silver-haired bat41422carcass search3-day 90-m cleared plotscavengedyes10/14/2021eastern red bat52427carcass searchtwice per week 70-m cleared plotscavengedyes10/14/2021silver-haired bat32202carcass searchtwice per week 70-m uncleared plotscavengedyes10/14/2021silver-haired bat52229carcass searchtwice per week 70-m uncleared plotscavengedyes10/14/2021silver-haired bat51303carcass searchtwice per week 70-m uncleared plotintactno10/15/2021silver-haired bat52315carcass searchtwice per week 70-m uncleared plotintactyes10/15/2021silver-haired bat52315carcass search3-day 90-m cleared plotintactyes10/15/2021silver-haired bat69407carcass search3-day 90-m cleared plotintactyes10/16/2021silver-haired bat81423carcass search3-day 90-m cleared plotintactyes10/16/2021silver-haired bat81423<	Found		Distance				Physical	Aided
10/13/2021silver-haired bat45416carcass search3-daý 90-m cleared plotscavengedyes10/13/2021silver-haired bat41420carcass search3-day 90-m cleared plotscavengedyes10/14/2021silver-haired bat11302carcass search3-day 90-m cleared plotscavengedyes10/14/2021silver-haired bat52427carcass searchtwice per week 70-m cleared plotscavengedyes10/14/2021silver-haired bat14413carcass searchtwice per week road and padintactno10/14/2021silver-haired bat51303carcass searchtwice per week 70-m uncleared plotscavengedyes10/15/2021silver-haired bat52315carcass searchtwice per week 70-m uncleared plotintactno10/15/2021silver-haired bat52315carcass searchtwice per week 70-m uncleared plotintactyes10/15/2021silver-haired bat52315carcass searchtwice per week 70-m uncleared plotintactyes10/15/2021silver-haired bat54407carcass searchtwice per week 70-m uncleared plotintactyes10/16/2021silver-haired bat87414carcass search3-day 90-m cleared plotintactyes10/16/2021silver-haired bat87414carcass search3-day 90-m cleared plotintactyes10/16/2021silver-haired bat	Date	Species	from Turbine	Turbine	e Search Type	Search Area Type	Condition	Search
10/13/2021silver-haired bat57420carcass search3-day 90-m cleared plotscavengedyes10/13/2021silver-haired bat11302carcass search3-day 90-m cleared plotscavengedyes10/14/2021eastern red bat52427carcass searchtwice per week 70-m cleared plotscavengedyes10/14/2021silver-haired bat32202carcass searchtwice per week 70-m uncleared plotscavengedyes10/14/2021silver-haired bat14413carcass searchtwice per week 70-m uncleared plotscavengedyes10/15/2021silver-haired bat51303carcass searchtwice per week 70-m uncleared plotscavengedyes10/15/2021silver-haired bat52315carcass searchtwice per week 70-m uncleared plotintactyes10/16/2021eastern red bat69407carcass searchtwice per week 70-m uncleared plotintactyes10/16/2021eastern red bat15414carcass search3-day 90-m cleared plotintactyes10/16/2021silver-haired bat87414carcass search3-day 90-m cleared plotintactyes10/16/2021silver-haired bat87414carcass search3-day 90-m cleared plotintactyes10/16/2021silver-haired bat87414carcass search3-day 90-m cleared plotintactyes10/16/2021silver-haired bat8	10/13/2021	silver-haired bat	57	414	carcass search	3-day 90-m cleared plot	scavenged	yes
10/13/2021silver-haired bat41424carcass search3-day 90-m cleared plotscavengedyes10/14/2021eastern red bat52427carcass searchtwice per week 70-m cleared plotscavengedyes10/14/2021silver-haired bat32202carcass searchtwice per week 70-m uncleared plotscavengedyes10/14/2021silver-haired bat14413carcass searchtwice per week 70-m uncleared plotscavengedyes10/15/2021hoary bat55229carcass searchtwice per week 70-m uncleared plotscavengedyes10/15/2021silver-haired bat51303carcass searchtwice per week 70-m uncleared plotintactyes10/15/2021silver-haired bat52315carcass searchtwice per week 70-m uncleared plotintactyes10/16/2021eastern red bat52315carcass searchtwice per week 70-m uncleared plotintactyes10/16/2021silver-haired bat54414carcass search3-day 90-m cleared plotintactyes10/16/2021eastern red bat15414carcass search3-day 90-m cleared plotintactyes10/16/2021silver-haired bat81423carcass search3-day 90-m cleared plotintactyes10/16/2021silver-haired bat81423carcass search3-day 90-m cleared plotintactyes10/16/2021silver-haired bat8	10/13/2021	silver-haired bat		416	carcass search	3-day 90-m cleared plot	scavenged	yes
10/14/2021eastern red bat11302carcass searchtwice per week 70-m cleared plotscavengedyes10/14/2021silver-haired bat32202carcass searchtwice per week 70-m uncleared plotscavengedyes10/14/2021silver-haired bat14413carcass searchtwice per week 70-m uncleared plotscavengedyes10/14/2021silver-haired bat55229carcass searchtwice per week 70-m uncleared plotscavengedyes10/15/2021silver-haired bat51303carcass searchtwice per week 70-m uncleared plotscavengedyes10/15/2021silver-haired bat52315carcass searchtwice per week 70-m uncleared plotintactyes10/15/2021silver-haired bat69407carcass search3-day 90-m cleared plotintactyes10/16/2021eastern red bat15414carcass search3-day 90-m cleared plotintactyes10/16/2021silver-haired bat87414carcass search3-day 90-m cleared plotintactyes10/16/2021silver-haired bat81423carcass search3-day 90-m cleared plotintactyes10/16/2021silver-haired bat81423carcass search3-day 90-m cleared plotintactyes10/16/2021silver-haired bat81423carcass search3-day 90-m cleared plotintactyes10/16/2021silver-haired bat84	10/13/2021	silver-haired bat	57	420	carcass search	3-day 90-m cleared plot	scavenged	yes
10/14/2021eastern red bat52427carcass searchtwice per week road and padintactno10/14/2021silver-haired bat32202carcass searchtwice per week road and padintactno10/14/2021silver-haired bat14413carcass searchtwice per week road and padintactno10/15/2021hoary bat55229carcass searchtwice per week road and padintactno10/15/2021silver-haired bat51303carcass searchtwice per week 70-m uncleared plotiscavengedyes10/15/2021silver-haired bat52315carcass searchtwice per week 70-m uncleared plotintactyes10/15/2021silver-haired bat54414carcass search3-day 90-m cleared plotintactyes10/16/2021leastern red bat14407carcass search3-day 90-m cleared plotintactyes10/16/2021silver-haired bat81423carcass search3-day 90-m cleared plotintactyes10/16/2021silver-haired bat81423carcass search3-day 90-m cleared plotintactyes10/16/2021silver-haired bat15328carcass search3-day 90-m cleared plotintactyes10/16/2021silver-haired bat15328carcass search3-day 90-m cleared plotintactyes10/16/2021birown creeper82403carcass search3-day 9	10/13/2021	silver-haired bat			carcass search	3-day 90-m cleared plot	scavenged	yes
10/14/2021silver-haired bat32202carcass searchtwice per week 70-m uncleared plotscavengedyes10/14/2021silver-haired bat14413carcass searchtwice per week 70-m uncleared plotscavengedyes10/15/2021silver-haired bat51303carcass searchtwice per week 70-m uncleared plotscavengedyes10/15/2021silver-haired bat52315carcass searchtwice per week 70-m uncleared plotscavengedyes10/16/2021eastern red bat69407carcass searchtwice per week 70-m uncleared plotintactyes10/16/2021eastern red bat14407carcass search3-day 90-m cleared plotintactyes10/16/2021eastern red bat87414carcass search3-day 90-m cleared plotintactyes10/16/2021silver-haired bat87414carcass search3-day 90-m cleared plotintactyes10/16/2021silver-haired bat81423carcass search3-day 90-m cleared plotintactyes10/16/2021silver-haired bat68431carcass search3-day 90-m cleared plotintactyes10/16/2021birown creeper82403carcass search3-day 90-m cleared plotintactyes04/01/2021hirder17328carcass search3-day 90-m cleared plotdismemberedyes04/01/2021unidentified kinglet80402 <td< td=""><td>10/14/2021</td><td>eastern red bat</td><td></td><td>302</td><td>carcass search</td><td>twice per week 70-m cleared plot</td><td>scavenged</td><td>yes</td></td<>	10/14/2021	eastern red bat		302	carcass search	twice per week 70-m cleared plot	scavenged	yes
10/14/2021silver-haired bat14413carcass searchtwice per week road and padintactno10/15/2021hoary bat55229carcass searchtwice per week 70-m uncleared plotscavengedyes10/15/2021silver-haired bat52315carcass searchtwice per week 70-m uncleared plotintactyes10/15/2021silver-haired bat26331carcass searchtwice per week 70-m uncleared plotintactyes10/15/2021silver-haired bat26331carcass search3-day 90-m cleared plotintactyes10/16/2021eastern red bat15414carcass search3-day 90-m cleared plotintactyes10/16/2021isilver-haired bat87414carcass search3-day 90-m cleared plotintactyes10/16/2021silver-haired bat81423carcass search3-day 90-m cleared plotintactyes10/16/2021silver-haired bat68431carcass search3-day 90-m cleared plotintactyes10/16/2021silver-haired bat15328carcass search3-day 90-m cleared plotintactyes04/01/2021horned lark15328carcass search3-day 90-m cleared plotintactyes04/01/2021horned lark15328carcass search3-day 90-m cleared plotintactyes04/01/2021horned lark15328carcass search3-day 90-m cleared	10/14/2021	eastern red bat		427	carcass search	twice per week road and pad	intact	no
10/15/2021hoary bat55229carcass searchtwice per week 70-m uncleared plotscavengedyes10/15/2021silver-haired bat52315carcass searchtwice per week 70-m uncleared plotscavengedyes10/15/2021silver-haired bat26331carcass searchtwice per week 70-m uncleared plotintactyes10/15/2021eastern red bat69407carcass search3-day 90-m cleared plotintactyes10/16/2021eastern red bat15414carcass search3-day 90-m cleared plotintactyes10/16/2021silver-haired bat87414carcass search3-day 90-m cleared plotintactyes10/16/2021silver-haired bat87414carcass search3-day 90-m cleared plotintactyes10/16/2021silver-haired bat81423carcass search3-day 90-m cleared plotintactyes10/16/2021silver-haired bat81423carcass search3-day 90-m cleared plotintactyes04/01/2021biver-haired bat15328carcass search3-day 90-m cleared plotdismembered yes04/01/2021biver-haired lark15328carcass search3-day 90-m cleared plotdismembered yes04/01/2021unidentified kinglet80402carcass search3-day 90-m cleared plotdismembered yes04/01/2021unidentified kinglet88411carcass search3-day 90			32		carcass search		scavenged	yes
10/15/2021 silver-haired bat51303carcass search carcass searchtwice per week 70-m uncleared plot twice per week 70-m uncleared plot twice per week 70-m uncleared plot intactyes10/15/2021 silver-haired bat52315carcass search carcass searchtwice per week 70-m uncleared plot intactintactyes10/15/2021 silver-haired bat69407carcass search carcass search3-day 90-m cleared plot intactintactyes10/16/2021 eastern red bat15414carcass search carcass search3-day 90-m cleared plot intactintactyes10/16/2021 silver-haired bat87414carcass search carcass search3-day 90-m cleared plot intactintactyes10/16/2021 silver-haired bat81423carcass search carcass search3-day 90-m cleared plot intactintactyes10/16/2021 silver-haired bat81423carcass search carcass search3-day 90-m cleared plot intactintactyes04/01/2021 brown creeper82403carcass search carcass search3-day 90-m cleared plot scavengedintactyes04/01/2021 unidentified kinglet80402carcass search carcass search3-day 90-m cleared plot scavengedintactyes04/01/2021 unidentified kinglet88411carcass search scavensed3-day 90-m cleared plot scavengedintactno04/01/2021 unidentified kinglet85423carcass search scarcass search3-day 90-m cleared plot <br< td=""><td></td><td></td><td></td><td></td><td>carcass search</td><td></td><td></td><td>no</td></br<>					carcass search			no
10/15/2021silver-haired bat52315carcass searchtwice per week 70-m uncleared plotintactyes10/15/2021silver-haired bat26331carcass search3-day 90-m cleared plotintactyes10/16/2021eastern red bat15414carcass search3-day 90-m cleared plotintactyes10/16/2021hoary bat14407carcass search3-day 90-m cleared plotintactyes10/16/2021silver-haired bat87414carcass search3-day 90-m cleared plotintactyes10/16/2021silver-haired bat81423carcass search3-day 90-m cleared plotintactyes10/16/2021silver-haired bat68431carcass search3-day 90-m cleared plotintactyes10/16/2021brown creeper82403carcass search3-day 90-m cleared plotintactyes04/01/2021brown creeper82403carcass search3-day 90-m cleared plotintactyes04/01/2021kildeer17328carcass searchweekly road and padscavengedno04/01/2021unidentified kinglet80402carcass search3-day 90-m cleared plotdismemberedyes04/01/2021unidentified winglet84411carcass search3-day 90-m cleared plotdismemberedyes04/01/2021unidentified winglet85423carcass search3-day 90-m cleared plot <td< td=""><td>10/15/2021</td><td>hoary bat</td><td></td><td></td><td>carcass search</td><td>twice per week 70-m uncleared plot</td><td>scavenged</td><td>yes</td></td<>	10/15/2021	hoary bat			carcass search	twice per week 70-m uncleared plot	scavenged	yes
10/15/2021 silver-haired bat26331carcass searchtwice per week 70-m uncleared plotintactyes10/16/2021 eastern red bat15414carcass search3-day 90-m cleared plotintactyes10/16/2021 bary bat14407carcass search3-day 90-m cleared plotintactyes10/16/2021 silver-haired bat87414carcass search3-day 90-m cleared plotintactyes10/16/2021 silver-haired bat81423carcass search3-day 90-m cleared plotintactyes10/16/2021 silver-haired bat81423carcass search3-day 90-m cleared plotintactyes10/16/2021 silver-haired bat81423carcass search3-day 90-m cleared plotintactyes0/16/2021 brown creeper82403carcass search3-day 90-m cleared plotdismemberedyes04/01/2021 horned lark15328carcass search3-day 90-m cleared plotdismemberedyes04/01/2021 unidentified kinglet80402carcass search3-day 90-m cleared plotdismembered yes04/01/2021 unidentified kinglet88411carcass search3-day 90-m cleared plotdismembered yes04/01/2021 unidentified kinglet85423carcass search3-day 90-m cleared plotdismembered yes04/02/2021 Cooper's hawk59420carcass search3-day 90-m cleared plotdismembered yes04/02/2021 golden-crowned kinglet85423carcass se	10/15/2021	silver-haired bat			carcass search			yes
10/16/2021eastern red bat69407carcass search3-day 90-m cleared plotintactyes10/16/2021eastern red bat15414carcass search3-day 90-m cleared plotintactyes10/16/2021silver-haired bat14407carcass search3-day 90-m cleared plotintactyes10/16/2021silver-haired bat87414carcass search3-day 90-m cleared plotintactyes10/16/2021silver-haired bat68431carcass search3-day 90-m cleared plotintactyes10/16/2021silver-haired bat68431carcass search3-day 90-m cleared plotintactyes10/16/2021silver-haired bat68431carcass search3-day 90-m cleared plotintactyes10/16/2021brown creeper82403carcass search3-day 90-m cleared plotdismembered yes04/01/2021horned lark15328carcass searchweekly road and padscavengedno04/01/2021unidentified kinglet80402carcass search3-day 90-m cleared plotdismembered yes04/01/2021unidentified kinglet88411carcass search3-day 90-m cleared plotdismembered yes04/01/2021unidentified kinglet85423carcass search3-day 90-m cleared plotdismembered yes04/02/2021comercas search3-day 90-m cleared plotdismembered yesyes04/02/2021un	10/15/2021	silver-haired bat			carcass search	twice per week 70-m uncleared plot	intact	yes
10/16/2021eastern red bat15414carcass search3-day 90-m cleared plotintactyes10/16/2021hoary bat14407carcass search3-day 90-m cleared plotintactyes10/16/2021silver-haired bat87414carcass search3-day 90-m cleared plotintactyes10/16/2021silver-haired bat81423carcass search3-day 90-m cleared plotintactyes10/16/2021silver-haired bat68431carcass search3-day 90-m cleared plotintactyesBird Carcasses04/01/2021horne cleared15328carcass search3-day 90-m cleared plotdismemberedyes04/01/2021horne dlark15328carcass search3-day 90-m cleared plotdismembered yesod/01/202104/01/2021unidentified kinglet80402carcass search3-day 90-m cleared plotdismembered yesyes04/01/2021unidentified kinglet88411carcass search3-day 90-m cleared plotdismembered yesyes04/02/2021unidentified kinglet88411carcass search3-day 90-m cleared plotdismembered yesyes04/02/2021unidentified kinglet88411carcass search3-day 90-m cleared plotdismembered yesyes04/02/2021unidentified kinglet85423carcass search3-day 90-m cleared plotintactnono04/0	10/15/2021	silver-haired bat		331	carcass search	twice per week 70-m uncleared plot	intact	yes
10/16/2021hoary bat14407carcass search3-day 90-m cleared plotintactyes10/16/2021silver-haired bat87414carcass search3-day 90-m cleared plotintactyes10/16/2021silver-haired bat81423carcass search3-day 90-m cleared plotintactyes10/16/2021silver-haired bat68431carcass search3-day 90-m cleared plotintactyes04/01/2021brown creeper82403carcass search3-day 90-m cleared plotdismemberedyes04/01/2021horned lark15328carcass searchweekly road and padscavengedno04/01/2021unidentified kinglet80402carcass searchweekly road and padscavengedno04/01/2021unidentified kinglet80402carcass search3-day 90-m cleared plotdismembered yes04/01/2021unidentified kinglet84411carcass search3-day 90-m cleared plotdismembered yes04/01/2021unidentified owl68411carcass search3-day 90-m cleared plotdismembered yes04/02/2021Cooper's hawk59420carcass search3-day 90-m cleared plotintactno04/02/2021Gooper's hawk59420carcass search3-day 90-m cleared plotintactno04/02/2021Gooper's hawk59420carcass search3-day 90-m cleared plotintactno				-	carcass search	· · · · ·		yes
10/16/2021 silver-haired bat87414carcass search3-day 90-m cleared plotintactyes10/16/2021 silver-haired bat81423carcass search3-day 90-m cleared plotintactyes10/16/2021 silver-haired bat68431carcass search3-day 90-m cleared plotintactyesBird Carcasses04/01/2021 brown creeper82403carcass search3-day 90-m cleared plotdismemberedyes04/01/2021 brown creeper82403carcass search3-day 90-m cleared plotdismemberedyes04/01/2021 unidentified kinglet17328carcass searchweekly road and padscavengedno04/01/2021 unidentified kinglet80402carcass search3-day 90-m cleared plotdismemberedyes04/01/2021 unidentified kinglet88411carcass search3-day 90-m cleared plotdismemberedyes04/02/2021 American tree sparrow85423carcass search3-day 90-m cleared plotintactno04/02/2021 golden-crowned kinglet85423carcass search3-day 90-m cleared plotintactno04/02/2021 golden-crowned kinglet86403carcass search3-day 90-m cleared plotintactno04/04/2021 golden-crowned kinglet68410carcass search3-day 90-m cleared plotintactno04/02/2021 golden-crowned kinglet68403carcass search3-day 90-m cleared plotintactno04/02/	10/16/2021	eastern red bat			carcass search	3-day 90-m cleared plot	intact	yes
10/16/2021 silver-haired bat81423 68carcass search carcass search3-day 90-m cleared plotintactyesBird Carcasses04/01/2021 brown creeper82403 scavengedcarcass search3-day 90-m cleared plotdismembered yes04/01/2021 horned lark15328 scavengedcarcass searchweekly road and pad weekly road and padscavenged04/01/2021 unidentified kinglet80402 scavengedcarcass searchweekly road and pad scavengedscavenged04/01/2021 unidentified kinglet88411 carcass search3-day 90-m cleared plotdismembered yes04/01/2021 unidentified winglet88411 carcass search3-day 90-m cleared plotdismembered yes04/01/2021 unidentified winglet85423 carcass search3-day 90-m cleared plotdismembered yes04/02/2021 American tree sparrow85423 carcass search3-day 90-m cleared plotintact04/03/2021 field sparrow66416 carcass search3-day 90-m cleared plotintactno04/04/2021 golden-crowned kinglet85423 carcass search3-day 90-m cleared plotintactno04/02/2021 golden-crowned kinglet86403 carcass search3-day 90-m cleared plotintactno04/02/2021 golden-crowned kinglet86403 carcass search3-day 90-m cleared plotintactno04/02/2021 golden-crowned kinglet66416 carcass search3-day 90-m cleared plotintactno <t< td=""><td></td><td></td><td></td><td></td><td>carcass search</td><td>3-day 90-m cleared plot</td><td>intact</td><td>yes</td></t<>					carcass search	3-day 90-m cleared plot	intact	yes
10/16/2021 silver-haired bat68431carcass search3-day 90-m cleared plotintactyesBird Carcasses04/01/2021 brown creeper82403carcass search3-day 90-m cleared plotdismembered yes04/01/2021 horned lark15328carcass searchweekly road and padscavengedno04/01/2021 unidentified kinglet80402carcass searchweekly road and padscavengedno04/01/2021 unidentified kinglet80402carcass search3-day 90-m cleared plotdismembered yes04/01/2021 unidentified kinglet88411carcass search3-day 90-m cleared plotdismembered yes04/01/2021 unidentified owl68411carcass search3-day 90-m cleared plotdismembered yes04/02/2021 Cooper's hawk59420carcass search3-day 90-m cleared plotintact04/03/2021 field sparrow66416carcass searchdaily 90-m cleared plotintactno04/04/2021 golden-crowned kinglet85423carcass searchdaily 90-m cleared plotintactno04/04/2021 golden-crowned kinglet86403carcass searchdaily 90-m cleared plotintactyes04/06/2021 golden-crowned kinglet68410carcass searchdaily 90-m cleared plotintactyes04/06/2021 golden-crowned kinglet68410carcass searchdaily 90-m cleared plotintactyes04/06/2021 golden-crowned kinglet6840	10/16/2021	silver-haired bat	87	414	carcass search	3-day 90-m cleared plot	intact	yes
Bird Carcasses04/01/2021 brown creeper82403carcass search3-day 90-m cleared plotdismembered yes04/01/2021 horned lark15328carcass searchweekly road and padscavenged no04/01/2021 killdeer17328carcass searchweekly road and padscavenged no04/01/2021 unidentified kinglet80402carcass search3-day 90-m cleared plotdismembered yes04/01/2021 unidentified kinglet88411carcass search3-day 90-m cleared plotscavenged yes04/01/2021 unidentified owl68411carcass search3-day 90-m cleared plotintact04/02/2021 American tree sparrow85423carcass search3-day 90-m cleared plotintact04/03/2021 field sparrow66416carcass search3-day 90-m cleared plotintactno04/04/2021 golden-crowned kinglet85423carcass search3-day 90-m cleared plotintactno04/04/2021 golden-crowned kinglet86403carcass search3-day 90-m cleared plotintactno04/04/2021 golden-crowned kinglet68410carcass search3-day 90-m cleared plotintactyes04/06/2021 golden-crowned kinglet68410carcass search3-day 90-m cleared plotintactyes04/06/2021 golden-crowned kinglet68410carcass search3-day 90-m cleared plotintactyes04/06/2021 golden-crowned kinglet68410carcass search <td>10/16/2021</td> <td>silver-haired bat</td> <td></td> <td></td> <td>carcass search</td> <td>3-day 90-m cleared plot</td> <td>intact</td> <td>yes</td>	10/16/2021	silver-haired bat			carcass search	3-day 90-m cleared plot	intact	yes
04/01/2021brown creeper82403carcass search3-day 90-m cleared plotdismemberedyes04/01/2021horned lark15328carcass searchweekly road and padscavengedno04/01/2021killdeer17328carcass searchweekly road and padscavengedno04/01/2021unidentified kinglet80402carcass search3-day 90-m cleared plotdismemberedyes04/01/2021unidentified kinglet88411carcass search3-day 90-m cleared plotdismemberedyes04/01/2021unidentified owl68411carcass search3-day 90-m cleared plotdismemberedyes04/02/2021Cooper's hawk59420carcass searchdaily 90-m cleared plotintactno04/03/2021field sparrow66416carcass searchdaily 90-m cleared plotintactno04/04/2021golden-crowned kinglet85423carcass searchdaily 90-m cleared plotintactno04/04/2021golden-crowned kinglet86403carcass searchdaily 90-m cleared plotintactyes04/06/2021golden-crowned kinglet68410carcass search3-day 90-m cleared plotintactyes04/04/2021golden-crowned kinglet68410carcass search3-day 90-m cleared plotintactyes04/06/2021golden-crowned kinglet68410carcass search3-day 90-m clea			68	431	carcass search	3-day 90-m cleared plot	intact	yes
04/01/2021 horned lark15328carcass searchweekly road and padscavengedno04/01/2021 killdeer17328carcass searchweekly road and padscavengedno04/01/2021 unidentified kinglet80402carcass search3-day 90-m cleared plotdismemberedyes04/01/2021 unidentified kinglet88411carcass search3-day 90-m cleared plotscavengedyes04/01/2021 unidentified owl68411carcass search3-day 90-m cleared plotdismemberedyes04/02/2021 American tree sparrow85423carcass search3-day 90-m cleared plotintactno04/02/2021 field sparrow66416carcass search3-day 90-m cleared plotfeather spotyes04/04/2021 golden-crowned kinglet85423carcass searchdaily 90-m cleared plotintactno04/02/2021 golden-crowned kinglet86403carcass searchdaily 90-m cleared plotintactyes04/02/2021 golden-crowned kinglet68410carcass search3-day 90-m cleared plotintactyes04/02/2021 golden-crowned kinglet68410carcass search3-day 90-m cleared plotintactyes04/02/2021 golden-crowned kinglet68410carcass search3-day 90-m cleared plotintactyes04/02/2021 golden-crowned kinglet62410carcass search3-day 90-m cleared plotintactyes04/06/2021 golden-crowned kinglet<								
04/01/2021killdeer17328carcass searchweekly road and padscavengedno04/01/2021unidentified kinglet80402carcass search3-day 90-m cleared plotdismemberedyes04/01/2021unidentified kinglet88411carcass search3-day 90-m cleared plotscavengedyes04/01/2021unidentified owl68411carcass search3-day 90-m cleared plotdismemberedyes04/02/2021American tree sparrow85423carcass search3-day 90-m cleared plotintactno04/02/2021Cooper's hawk59420carcass search3-day 90-m cleared plotfeather spotyes04/03/2021golden-crowned kinglet85423carcass searchdaily 90-m cleared plotintactno04/04/2021golden-crowned kinglet85423carcass searchdaily 90-m cleared plotintactno04/04/2021golden-crowned kinglet88403carcass search3-day 90-m cleared plotintactno04/06/2021golden-crowned kinglet68403carcass search3-day 90-m cleared plotintactyes04/06/2021golden-crowned kinglet68403carcass search3-day 90-m cleared plotintactyes04/06/2021golden-crowned kinglet68410carcass search3-day 90-m cleared plotintactno04/06/2021golden-crowned kinglet62410carcass sea	04/01/2021	brown creeper			carcass search		dismembered	yes
04/01/2021unidentified kinglet80402carcass search3-day 90-m cleared plotdismembered yes04/01/2021unidentified kinglet88411carcass search3-day 90-m cleared plotscavengedyes04/01/2021unidentified owl68411carcass search3-day 90-m cleared plotdismemberedyes04/02/2021American tree sparrow85423carcass search3-day 90-m cleared plotintactno04/02/2021Cooper's hawk59420carcass search3-day 90-m cleared plotfeather spotyes04/03/2021field sparrow66416carcass searchdaily 90-m cleared plotfeather spotyes04/04/2021golden-crowned kinglet85423carcass searchdaily 90-m cleared plotintactno04/04/2021golden-crowned kinglet86403carcass search3-day 90-m cleared plotintactyes04/06/2021golden-crowned kinglet68403carcass search3-day 90-m cleared plotintactyes04/06/2021golden-crowned kinglet68403carcass search3-day 90-m cleared plotintactyes04/06/2021golden-crowned kinglet68410carcass search3-day 90-m cleared plotintactyes04/06/2021golden-crowned kinglet62410carcass searchdaily 90-m cleared plotintactno04/06/2021golden-crowned kinglet62410carc					carcass search	weekly road and pad	scavenged	no
04/01/2021unidentified kinglet88411carcass search3-day 90-m cleared plotscavengedyes04/01/2021unidentified owl68411carcass search3-day 90-m cleared plotdismemberedyes04/02/2021American tree sparrow85423carcass searchdaily 90-m cleared plotintactno04/02/2021Cooper's hawk59420carcass search3-day 90-m cleared plotfeather spotyes04/03/2021field sparrow66416carcass searchdaily 90-m cleared plotscavengedno04/03/2021golden-crowned kinglet85423carcass searchdaily 90-m cleared plotintactno04/04/2021golden-crowned kinglet86403carcass searchdaily 90-m cleared plotintactyes04/06/2021golden-crowned kinglet68410carcass search3-day 90-m cleared plotintactyes04/06/2021golden-crowned kinglet68403carcass search3-day 90-m cleared plotintactyes04/06/2021golden-crowned kinglet68410carcass search3-day 90-m cleared plotintactno04/06/2021golden-crowned kinglet62410carcass searchdaily 90-m cleared plotintactno04/06/2021golden-crowned kinglet62410carcass searchdaily 90-m cleared plotintactno04/06/2021golden-crowned kinglet62410carca					carcass search			
04/01/2021unidentified owl68411carcass search3-day 90-m cleared plotdismembered yes04/02/2021American tree sparrow85423carcass searchdaily 90-m cleared plotintactno04/02/2021Cooper's hawk59420carcass search3-day 90-m cleared plotfeather spotyes04/03/2021field sparrow66416carcass searchdaily 90-m cleared plotscavengedno04/03/2021golden-crowned kinglet85423carcass searchdaily 90-m cleared plotintactno04/04/2021golden-crowned kinglet88403carcass search3-day 90-m cleared plotintactyes04/04/2021golden-crowned kinglet86403carcass search3-day 90-m cleared plotintactyes04/06/2021golden-crowned kinglet68410carcass search3-day 90-m cleared plotintactyes04/06/2021golden-crowned kinglet62410carcass search3-day 90-m cleared plotintactno04/06/2021golden-crowned kinglet62410carcass searchdaily 90-m cleared plotintactno04/06/2021golden-crowned kinglet62410carcass searchdaily 90-m cleared plotintactno04/06/2021red-tailed hawk45241carcass searchdaily 90-m cleared plotintactno04/07/2021golden-crowned kinglet67250carcass search <td< td=""><td></td><td></td><td></td><td></td><td>carcass search</td><td>3-day 90-m cleared plot</td><td>dismembered</td><td>yes</td></td<>					carcass search	3-day 90-m cleared plot	dismembered	yes
04/02/2021American tree sparrow85423carcass searchdaily 90-m cleared plotintactno04/02/2021Cooper's hawk59420carcass search3-day 90-m cleared plotfeather spotyes04/03/2021field sparrow66416carcass searchdaily 90-m cleared plotscavengedno04/03/2021golden-crowned kinglet85423carcass searchdaily 90-m cleared plotintactno04/03/2021golden-crowned kinglet88403carcass search3-day 90-m cleared plotintactyes04/04/2021golden-crowned kinglet88403carcass search3-day 90-m cleared plotintactyes04/06/2021golden-crowned kinglet68410carcass search3-day 90-m cleared plotintactno04/06/2021golden-crowned kinglet62410carcass searchdaily 90-m cleared plotintactno04/06/2021golden-crowned kinglet62410carcass searchdaily 90-m cleared plotintactno04/06/2021golden-crowned kinglet62410carcass searchdaily 90-m cleared plotintactno04/06/2021golden-crowned kinglet67241carcass searchweekly road and padscavengedno04/07/2021golden-crowned kinglet67250carcass searchweekly road and padintactno	04/01/2021	unidentified kinglet			carcass search		scavenged	yes
04/02/2021Cooper's hawk59420carcass search3-day 90-m cleared plotfeather spotyes04/03/2021field sparrow66416carcass searchdaily 90-m cleared plotscavengedno04/03/2021golden-crowned kinglet85423carcass searchdaily 90-m cleared plotintactno04/04/2021golden-crowned kinglet88403carcass search3-day 90-m cleared plotintactyes04/04/2021horned lark86403carcass search3-day 90-m cleared plotintactyes04/06/2021golden-crowned kinglet68410carcass search3-day 90-m cleared plotintactyes04/06/2021golden-crowned kinglet62410carcass searchdaily 90-m cleared plotintactno04/06/2021golden-crowned kinglet67250carcass searchweekly road and padscavengedno04/07/2021golden-crowned kinglet67250carcass searchweekly road and padintactno	04/01/2021	unidentified owl			carcass search	· · · · ·	dismembered	yes
04/03/2021 field sparrow66416carcass searchdaily 90-m cleared plotscavengedno04/03/2021 golden-crowned kinglet85423carcass searchdaily 90-m cleared plotintactno04/04/2021 golden-crowned kinglet88403carcass search3-day 90-m cleared plotintactyes04/04/2021 horned lark86403carcass search3-day 90-m cleared plotintactyes04/06/2021 golden-crowned kinglet68410carcass searchdaily 90-m cleared plotintactno04/06/2021 golden-crowned kinglet62410carcass searchdaily 90-m cleared plotintactno04/06/2021 golden-crowned kinglet62410carcass searchdaily 90-m cleared plotintactno04/06/2021 red-tailed hawk45241carcass searchweekly road and padscavengedno04/07/2021 golden-crowned kinglet67250carcass searchweekly road and padintactno	04/02/2021	American tree sparrow		423	carcass search	daily 90-m cleared plot	intact	no
04/03/2021 golden-crowned kinglet85423carcass searchdaily 90-m cleared plotintactno04/04/2021 golden-crowned kinglet88403carcass search3-day 90-m cleared plotintactyes04/04/2021 horned lark86403carcass search3-day 90-m cleared plotintactyes04/06/2021 golden-crowned kinglet68410carcass searchdaily 90-m cleared plotintactno04/06/2021 golden-crowned kinglet62410carcass searchdaily 90-m cleared plotintactno04/06/2021 red-tailed hawk45241carcass searchweekly road and padscavengedno04/07/2021 golden-crowned kinglet67250carcass searchweekly road and padintactno					carcass search	3-day 90-m cleared plot	feather spot	yes
04/04/2021 golden-crowned kinglet88403carcass search3-day 90-m cleared plotintactyes04/04/2021 horned lark86403carcass search3-day 90-m cleared plotintactyes04/06/2021 golden-crowned kinglet68410carcass searchdaily 90-m cleared plotintactno04/06/2021 golden-crowned kinglet62410carcass searchdaily 90-m cleared plotintactno04/06/2021 red-tailed hawk45241carcass searchweekly road and padscavengedno04/07/2021 golden-crowned kinglet67250carcass searchweekly road and padintactno					carcass search			no
04/04/2021 horned lark86403carcass search3-day 90-m cleared plotintactyes04/06/2021 golden-crowned kinglet68410carcass searchdaily 90-m cleared plotintactno04/06/2021 golden-crowned kinglet62410carcass searchdaily 90-m cleared plotintactno04/06/2021 red-tailed hawk45241carcass searchweekly road and padscavengedno04/07/2021 golden-crowned kinglet67250carcass searchweekly road and padintactno	04/03/2021	golden-crowned kinglet			carcass search	daily 90-m cleared plot	intact	no
04/06/2021 golden-crowned kinglet68410carcass searchdaily 90-m cleared plotintactno04/06/2021 golden-crowned kinglet62410carcass searchdaily 90-m cleared plotintactno04/06/2021 red-tailed hawk45241carcass searchweekly road and padscavengedno04/07/2021 golden-crowned kinglet67250carcass searchweekly road and padintactno					carcass search		intact	yes
04/06/2021 golden-crowned kinglet62410carcass searchdaily 90-m cleared plotintactno04/06/2021 red-tailed hawk45241carcass searchweekly road and padscavengedno04/07/2021 golden-crowned kinglet67250carcass searchweekly road and padintactno	04/04/2021	horned lark	86	403	carcass search	3-day 90-m cleared plot	intact	yes
04/06/2021 red-tailed hawk45241 carcass searchweekly road and padscavengedno04/07/2021 golden-crowned kinglet67250 carcass searchweekly road and padintactno					carcass search		intact	no
04/07/2021 golden-crowned kinglet 67 250 carcass search weekly road and pad intact no	04/06/2021	golden-crowned kinglet	62		carcass search	daily 90-m cleared plot	intact	no
	04/06/2021	red-tailed hawk	45	241	carcass search	weekly road and pad	scavenged	no
04/07/2021 golden-crowned kinglet 32 309 carcass search weekly road and pad intact no	04/07/2021	golden-crowned kinglet			carcass search	weekly road and pad	intact	no
	04/07/2021	golden-crowned kinglet	32	309	carcass search	weekly road and pad	intact	no

Appendix A. Carcasses found at the Timber Road Wind Farm, Paulding County, Ohio, from April 1 – May 15 and August 1 – October 16, 2021.

Found		Distance				Physical	Aided
Date	Species	from Turbine	Turbine	e Search Type	Search Area Type	Condition	Search
04/07/202	1 ruby-crowned kinglet	35	308	carcass search	weekly road and pad	intact	no
04/07/202	1 unidentified kinglet	8	411	carcass search	3-day 90-m cleared plot	dismembered	yes
04/07/202	1 unidentified small bird	53	402	carcass search	3-day 90-m cleared plot	dismembered	yes
04/08/202	1 golden-crowned kinglet	82	431	carcass search	daily 90-m cleared plot	intact	no
04/08/202	1 unidentified kinglet	70	419	carcass search	3-day 90-m cleared plot	scavenged	yes
04/10/202	1 golden-crowned kinglet	81	407	carcass search	3-day 90-m cleared plot	scavenged	yes
	1 golden-crowned kinglet	6	411	carcass search	3-day 90-m cleared plot	scavenged	yes
04/10/202	1 golden-crowned kinglet	52	423	carcass search	daily 90-m cleared plot	scavenged	no
04/10/202	1 horned lark	66	402	carcass search	3-day 90-m cleared plot	scavenged	yes
04/10/202	1 unidentified kinglet	71	411	carcass search	3-day 90-m cleared plot	scavenged	yes
	1 golden-crowned kinglet	44	420	carcass search	3-day 90-m cleared plot	scavenged	yes
04/11/202	1 ring-necked pheasant	43	416	carcass search	daily 90-m cleared plot	feather spot	no
04/13/202	1 horned lark	53	225	carcass search	weekly road and pad	scavenged	no
04/14/202	1 red-tailed hawk	122	309	carcass search	weekly road and pad	dismembered	no
04/16/202	1 European starling	47	411	carcass search	3-day 90-m cleared plot	intact	yes
04/16/202	1 unidentified passerine	82	431	carcass search	daily 90-m cleared plot	dismembered	no
04/19/202	1 chipping sparrow	58	407	carcass search	3-day 90-m cleared plot	intact	yes
04/19/202	1 European starling	83	410	carcass search	daily 90-m cleared plot	intact	no
04/19/202	1 golden-crowned kinglet	85	404	carcass search	3-day 90-m cleared plot	scavenged	yes
04/19/202		25	236	carcass search	weekly road and pad	scavenged	no
04/20/202	1 unidentified small bird	75	415	carcass search	3-day 90-m cleared plot	feather spot	yes
04/23/202	1 hermit thrush	89	421	carcass search	3-day 90-m cleared plot	intact	yes
	1 horned lark	80	407	carcass search	3-day 90-m cleared plot	intact	yes
04/26/202		63	407	carcass search	3-day 90-m cleared plot	intact	yes
04/26/202	1 unidentified kinglet	56	407	carcass search	3-day 90-m cleared plot	feather spot	yes
04/27/202	1 horned lark	3	225	carcass search	weekly road and pad	intact	no
	1 ruby-crowned kinglet	54	410	carcass search	daily 90-m cleared plot	intact	no
	1 ruby-crowned kinglet	82	431	carcass search	daily 90-m cleared plot	intact	no
04/28/202	1 horned lark	1	346	carcass search	weekly road and pad	dismembered	no
04/28/202	1 horned lark	64	431	carcass search	daily 90-m cleared plot	intact	no
	1 horned lark	71	415	carcass search	3-day 90-m cleared plot	scavenged	yes
04/29/202	1 swamp sparrow	106	421	carcass search	3-day 90-m cleared plot	scavenged	yes
	1 unidentified kinglet	94	415	carcass search	3-day 90-m cleared plot	scavenged	yes
04/29/202	1 unidentified kinglet	58	419	carcass search	3-day 90-m cleared plot	scavenged	yes
05/02/202	1 black-and-white warbler	76	405	carcass search	daily 90-m cleared plot	scavenged	no
05/02/202	1 field sparrow	57	416	carcass search	daily 90-m cleared plot	intact	no

Appendix A. Carcasses found at the Timber Road Wind Farm, Paulding County, Ohio, from April 1 – May 15 and August 1 – October 16, 2021.

Found		Distance	-			Physical	Aided
Date	Species	from Turbine	Turbin	e Search Type	Search Area Type	Condition	Search
05/02/202	1 red-eyed vireo	74	419	carcass search	3-day 90-m cleared plot	scavenged	yes
05/02/202	1 rose-breasted grosbeak	89	420	carcass search	3-day 90-m cleared plot	dismembered	yes
05/02/202	1 ruby-crowned kinglet	80	419	carcass search	3-day 90-m cleared plot	intact	yes
05/02/202	1 ruby-crowned kinglet	71	420	carcass search	3-day 90-m cleared plot	intact	yes
05/02/202	1 ruby-crowned kinglet	60	421	carcass search	3-day 90-m cleared plot	intact	yes
05/02/202	1 ruby-crowned kinglet	87	421	carcass search	3-day 90-m cleared plot	dismembered	yes
	1 sedge wren	53	410	carcass search	daily 90-m cleared plot	scavenged	no
05/02/202	1 swamp sparrow	59	410	carcass search	daily 90-m cleared plot	scavenged	no
05/02/202	1 unidentified kinglet	62	424	carcass search	3-day 90-m cleared plot	dismembered	yes
	1 yellow-throated vireo	46	410	incidental	daily 90-m cleared plot	intact	no
05/03/202	1 chipping sparrow	90	410	carcass search	daily 90-m cleared plot	intact	no
05/04/202	1 American redstart	19	403	carcass search	3-day 90-m cleared plot	scavenged	yes
05/04/202	1 bobolink	32	403	carcass search	3-day 90-m cleared plot	feather spot	yes
05/04/202	1 ruby-crowned kinglet	49	428	carcass search	weekly road and pad	intact	no
05/04/202	1 swamp sparrow	92	402	carcass search	3-day 90-m cleared plot	scavenged	yes
05/04/202 ⁻	1 unidentified kinglet	47	403	carcass search	3-day 90-m cleared plot	scavenged	yes
05/04/202	1 unidentified kinglet	47	422	carcass search	weekly road and pad	scavenged	no
05/04/202	1 unidentified warbler	65	411	carcass search	3-day 90-m cleared plot	intact	yes
05/04/202	1 unidentified warbler	56	416	carcass search	daily 90-m cleared plot	intact	no
	1 chipping sparrow	37	405	carcass search	daily 90-m cleared plot	scavenged	no
05/05/202	1 chipping sparrow	66	424	carcass search	3-day 90-m cleared plot	scavenged	yes
05/05/202	1 indigo bunting	59	424	carcass search	3-day 90-m cleared plot	scavenged	yes
	1 red-tailed hawk	5	310	carcass search	weekly road and pad	intact	no
05/05/202	1 swamp sparrow	56	419	carcass search	3-day 90-m cleared plot	intact	yes
05/05/202	1 unidentified kinglet	73	419	carcass search	3-day 90-m cleared plot	scavenged	yes
05/05/202	1 unidentified kinglet	97	419	carcass search	3-day 90-m cleared plot	feather spot	yes
05/05/202	1 unidentified kinglet	96	420	carcass search	3-day 90-m cleared plot	scavenged	yes
05/05/202	1 white-throated sparrow	48	421	carcass search	3-day 90-m cleared plot	scavenged	yes
05/06/202	1 horned lark	44	336	carcass search	weekly road and pad	scavenged	no
05/07/202	1 horned lark	42	402	carcass search	3-day 90-m cleared plot	intact	yes
05/07/202	1 swamp sparrow	67	407	carcass search	3-day 90-m cleared plot	scavenged	yes
05/07/202	1 unidentified kinglet	61	411	carcass search	3-day 90-m cleared plot	scavenged	yes
05/07/202	1 unidentified passerine	85	402	carcass search	3-day 90-m cleared plot	scavenged	yes
	1 unidentified sparrow	65	403	carcass search	3-day 90-m cleared plot	scavenged	yes
05/08/202	1 Cape May warbler	52	421	carcass search	3-day 90-m cleared plot	scavenged	yes
05/08/202	1 unidentified kinglet	88	421	carcass search	3-day 90-m cleared plot	scavenged	yes

Appendix A. Carcasses found at the Timber Road Wind Farm, Paulding County, Ohio, from April 1 – May 15 and August 1 – October 16, 2021.

Found		Distance				Physical	Aided
Date	Species	from Turbine	Turbine	Search Type	Search Area Type	Condition	Search
05/08/2021	unidentified kinglet	85	424	carcass search	3-day 90-m cleared plot	scavenged	yes
05/08/2021	unidentified warbler	95	421	carcass search	3-day 90-m cleared plot	scavenged	yes
05/08/2021	unidentified warbler	74	424	carcass search	3-day 90-m cleared plot	scavenged	yes
05/10/2021	chimney swift	71	404	carcass search	3-day 90-m cleared plot	scavenged	yes
05/10/2021	horned lark	3	406	carcass search	weekly road and pad	intact	no
05/11/2021	horned lark	47	421	carcass search	3-day 90-m cleared plot	scavenged	yes
05/11/2021	unidentified small bird	67	421	carcass search	3-day 90-m cleared plot	intact	yes
05/12/2021	black-throated green warbler	19	313	carcass search	weekly road and pad	intact	no
05/13/2021	blue jay	44	431	carcass search	daily 90-m cleared plot	intact	no
05/13/2021	horned lark	26	318	carcass search	weekly road and pad	intact	no
05/13/2021	horned lark	7	331	carcass search	weekly road and pad	intact	no
05/13/2021	unidentified small bird	100	407	carcass search	3-day 90-m cleared plot	feather spot	yes
05/13/2021	unidentified warbler	99	316	carcass search	weekly road and pad	scavenged	no
05/14/2021	unidentified small bird	82	421	carcass search	3-day 90-m cleared plot	dismembered	yes
05/14/2021	unidentified warbler	97	421	carcass search	3-day 90-m cleared plot	dismembered	yes
05/15/2021	red-tailed hawk	68	431	carcass search	daily 90-m cleared plot	dismembered	no
07/28/2021	horned lark	78	416	incidental	3-day 90-m cleared plot	scavenged	yes
07/29/2021	turkey vulture	18	332	incidental	twice per week 70-m uncleared plot	scavenged	yes
08/01/2021	horned lark	28	345	incidental	twice per week 70-m uncleared plot	scavenged	yes
08/01/2021	horned lark	24	415	incidental	3-day 90-m cleared plot	scavenged	yes
08/01/2021	turkey vulture	3	332	incidental	twice per week 70-m uncleared plot	scavenged	yes
08/02/2021	horned lark	59	416	carcass search	3-day 90-m cleared plot	scavenged	yes
08/02/2021	horned lark	73	424	carcass search	3-day 90-m cleared plot	scavenged	yes
08/02/2021	killdeer	5	313	carcass search	twice per week 70-m uncleared plot	scavenged	yes
08/02/2021	killdeer	41	414	carcass search	3-day 90-m cleared plot	scavenged	yes
08/03/2021	killdeer	78	252	carcass search	twice per week 70-m cleared plot	scavenged	yes
08/03/2021	killdeer	8	340	carcass search	twice per week road and pad	scavenged	no
08/05/2021	common grackle	19	208	carcass search	twice per week 70-m uncleared plot	scavenged	yes
08/05/2021	horned lark	68	203	carcass search	twice per week 70-m uncleared plot	scavenged	yes
08/05/2021	horned lark	64	203	carcass search	twice per week 70-m uncleared plot	scavenged	yes
08/05/2021	horned lark	85	410	carcass search	3-day 90-m cleared plot	feather spot	yes
08/05/2021	killdeer	71	416	carcass search	3-day 90-m cleared plot	scavenged	yes
08/06/2021	killdeer	4	313	carcass search	twice per week 70-m uncleared plot	scavenged	yes
08/06/2021	turkey vulture	61	318	carcass search	twice per week 70-m cleared plot	scavenged	yes
08/07/2021	horned lark	8	328	carcass search	twice per week 70-m uncleared plot	scavenged	yes
00/07/2024	horned lark	51	339	carcass search	twice per week 70-m uncleared plot	scavended	yes

Appendix A. Carcasses found at the Timber Road Wind Farm, Paulding County, Ohio, from April 1 – May 15 and August 1 – October 16, 2021.

DateSpeciesfrom Turbine Turbine Search TypeSearch Area TypeConditionSearch08/07/2021 killdeer39328carcass searchtwice per week 70-m uncleared plotscavengedyes08/07/2021 killdeer47329carcass searchtwice per week 70-m uncleared plotfeather spotyes08/07/2021 killdeer0212carcass searchtwice per week 70-m uncleared plotintactyes08/08/2021 dickcissel0212carcass searchtwice per week 70-m uncleared plotintactyes08/08/2021 horned lark6324carcass searchtwice per week road and padscavengedno08/10/2021 killdeer27316carcass searchtwice per week road and padscavengedno08/11/2021 horned lark68416carcass searchtwice per week road and padscavengedno08/11/2021 horned lark68416carcass search3-day 90-m cleared plotscavengedyes08/11/2021 horned lark68219carcass search3-day 90-m cleared plotscavengedyes08/12/2021 horned lark79302carcass search3-day 90-m cleared plotscavengedyes08/12/2021 horned lark71402carcass search3-day 90-m cleared plotscavengedyes08/14/2021 unidentified empidonax97431carcass search3-day 90-m cleared plotscavengedyes08/14/2021 horned lark74402carcass search <th>Found</th> <th></th> <th>Distance</th> <th>-</th> <th></th> <th></th> <th>Physical</th> <th>Aided</th>	Found		Distance	-			Physical	Aided
08/07/2021 killdeer36328carcass searchtwice per week 70-m uncleared plotscavengedyes08/07/2021 red-tailed hawk149332incidentaltwice per week 70-m uncleared plotscavengedyes08/07/2021 red-tailed hawk149332incidentaltwice per week 70-m uncleared plotintactyes08/08/2021 dickissel0212carcass searchtwice per week 70-m uncleared plotintactyes08/08/2021 horned lark6324carcass searchtwice per week road and padscavengedno08/10/2021 killdeer277316carcass searchtwice per week road and padscavengedno08/10/2021 killdeer35317incidentaltwice per week road and padscavengedno08/11/2021 horned lark68416carcass searchtwice per week road and padscavengedyes08/11/2021 horned lark68416carcass search'day 90-m cleared plotscavengedyes08/12/2021 horned lark81219carcass search'twice per week 70-m uncleared plotscavengedyes08/12/2021 horned lark81219carcass search'twice per week 70-m uncleared plotscavengedyes08/12/2021 horned lark81219carcass search'day 90-m cleared plotscavengedyes08/12/2021 horned lark81219carcass search'day 90-m cleared plotscavengedyes08/12/2021 horned lark8220 <th>Date</th> <th>Species</th> <th>from Turbine</th> <th>Turbine</th> <th>e Search Type</th> <th>Search Area Type</th> <th>Condition</th> <th>Search</th>	Date	Species	from Turbine	Turbine	e Search Type	Search Area Type	Condition	Search
08/07/2021 killdeer47329carcass searchtwice per week 70-m uncleared plotfeather spotyes08/07/2021 dickcissel0212carcass searchtwice per week 70-m uncleared plotintactyes08/08/2021 purple martin26411carcass searchtwice per week 70-m uncleared plotintactyes08/07/2021 killdeer27316carcass searchtwice per week road and padscavengedno08/10/2021 killdeer35317incidentaltwice per week road and padscavengedno08/10/2021 killdeer47347carcass searchtwice per week road and padscavengedyes08/10/2021 killdeer10407carcass searchtwice per week 70-m uncleared plotscavengedyes08/11/2021 horned lark68416carcass search3-day 90-m cleared plotscavengedyes08/12/2021 horned lark79302carcass searchtwice per week 70-m uncleared plotscavengedyes08/12/2021 horned lark7447carcass searchtwice per week 70-m uncleared plotscavengedyes08/12/2021 horned la	08/07/2021	killdeer			carcass search	twice per week 70-m uncleared plot	scavenged	yes
08/07/2021 red-talled hawk149332incidentaltwice per week 70-m uncleared plotscavengedyes08/08/2021 dickcissel0212carcass search3-day 90-m cleared plotintactyes08/08/2021 purple martin26411carcass search3-day 90-m cleared plotintactyes08/01/2021 horned lark6324carcass searchtwice per week road and padscavengedno08/10/2021 killdeer35317incidentaltwice per week road and padscavengedno08/10/2021 turkey vulture47347carcass searchtwice per week road and padscavengedyes08/11/2021 horned lark68416carcass searchtwice per week 70-m uncleared plotscavengedyes08/12/2021 horned lark81219carcass searchtwice per week 70-m uncleared plotscavengedyes08/12/2021 horned lark79302carcass searchtwice per week 70-m uncleared plotscavengedyes08/14/2021 horned lark13402carcass searchtwice per week 70-m uncleared plotscavengedyes08/14/2021 horned lark79302carcass search3-day 90-m cleared plotscavengedyes08/12/2021 horned lark74404carcass search3-day 90-m cleared plotscavengedyes08/12/2021 horned lark66203carcass search3-day 90-m cleared plotscavengedyes08/12/2021 borwn-headed cowbird37	08/07/2021	killdeer			carcass search	twice per week 70-m uncleared plot	scavenged	yes
08/08/2021divice per week 70-m uncleared plotintactyes08/08/2021purple martin26411carcass search3-day 90-m cleared plotintactyes08/01/2021hildeer27316carcass searchtwice per week road and padscavengedno08/10/2021killdeer27316carcass searchtwice per week road and padscavengedno08/10/2021killdeer35317incidentaltwice per week road and padscavengedno08/10/2021tkilldeer47347carcass search3-day 90-m cleared plotscavengedyes08/11/2021horned lark68416carcass search3-day 90-m cleared plotscavengedyes08/12/2021horned lark68219carcass searchtwice per week 70-m uncleared plotscavengedyes08/12/2021horned lark79302carcass searchtwice per week 70-m cleared plotscavengedyes08/12/2021horned lark79302carcass search3-day 90-m cleared plotscavengedyes08/12/2021horned lark60431carcass search3-day 90-m cleared plotscavengedyes08/12/2021horned lark65203carcass search3-day 90-m cleared plotscavengedyes08/14/2021birown-headed cowbird37404carcass search3-day 90-m cleared plotscavengedyes08/16/2021horned lark <t< td=""><td></td><td></td><td></td><td></td><td>carcass search</td><td>twice per week 70-m uncleared plot</td><td>feather spot</td><td>yes</td></t<>					carcass search	twice per week 70-m uncleared plot	feather spot	yes
08/08/2021 08/10/2021 homed lark26411 carcass search3-day 90-m cleared plotintactyes08/10/2021 homed lark6324 carcass searcharcass search twice per week road and pad scavenged twice per week road and pad scavengedscavenged no08/10/2021 turkey vulture47347 carcass searchtwice per week road and pad scavengedscavenged no08/11/2021 turkey vulture47347 carcass searchscavenged scavengedyes08/11/2021 homed lark68416 carcass searchscavenged scavengedyes08/12/2021 homed lark68219 carcass searchscavenged scavengedyes08/12/2021 homed lark79302 carcass searchscavenged scavengedyes08/14/2021 homed lark13402 carcass searchscavenged scavengedyes08/14/2021 borned lark65203 carcass searchscavenged scavengedyes08/14/2021 borned lark65203 carcass searchscavenged scavengedyes08/14/2021 borned lark65203 carcass searchscavenged scavengedyes08/16/2021 horned lark74402 carcass searchscavenged scavengedyes08/16/2021 horned lark74402 carcass searchscavenged scavengedyes08/16/2021 horned lark74402 carcass searchscavenged scavengedyes08/16/2021 horned lark74402 c			149		incidental			yes
08/10/2021 horned lark6324carcass searchtwice per week road and padscavengedno08/10/2021 killdeer35317incidentaltwice per week road and padscavengedno08/10/2021 killdeer35317incidentaltwice per week road and padscavengedno08/10/2021 turkey vulture47347carcass search3-day 90-m cleared plotscavengedyes08/11/2021 horned lark68416carcass search3-day 90-m cleared plotscavengedyes08/12/2021 horned lark68219carcass search3-day 90-m cleared plotscavengedyes08/12/2021 horned lark79302carcass searchtwice per week 70-m uncleared plotscavengedyes08/12/2021 horned lark79302carcass search3-day 90-m cleared plotscavengedyes08/12/2021 horned lark79302carcass search3-day 90-m cleared plotscavengedyes08/14/2021 unidentified empidonax97431carcass search3-day 90-m cleared plotscavenged <ty>yes08/16/2021 killdeer54402carcass search3-day 90-m cleared plotscavenged<ty>yes08/16/2021 killdeer54402carcass search3-day 90-m cleared plotscavenged<ty>yes08/16/2021 killdeer54402carcass search3-day 90-m cleared plotscavenged<ty>yes08/16/2021 killdeer54402carcass search3-day 90-m cleared plo</ty></ty></ty></ty>					carcass search	twice per week 70-m uncleared plot	intact	yes
08/10/2021 killdeer27316carcass searchtwice per week road and padscavengedno08/10/2021 killdeer35317incidentaltwice per week road and padscavengedno08/10/2021 turkey vulture47347carcass search3-day 90-m cleared plotscavengedyes08/11/2021 horned lark68416carcass search3-day 90-m cleared plotscavengedyes08/12/2021 horned lark68416carcass search3-day 90-m cleared plotscavengedyes08/12/2021 horned lark81219carcass searchtwice per week 70-m uncleared plotscavengedyes08/12/2021 horned lark79302carcass search3-day 90-m cleared plotscavengedyes08/14/2021 horned lark79302carcass search3-day 90-m cleared plotscavengedyes08/14/2021 horned lark60431carcass search3-day 90-m cleared plotscavengedyes08/14/2021 horned lark65203carcass search3-day 90-m cleared plotscavengedyes08/16/2021 kildeer54402carcass search3-day 90-m cleared plotscavengedyes08/19/2021 horned lark7402carcass search3-day 90-m cleared plotscavengedyes08/19/2021 horned lark7402carcass search3-day 90-m cleared plotscavengedyes08/19/2021 horned lark7402carcass search3-day 90-m cleared plot <td>08/08/2021</td> <td>purple martin</td> <td>26</td> <td></td> <td>carcass search</td> <td>3-day 90-m cleared plot</td> <td>intact</td> <td>yes</td>	08/08/2021	purple martin	26		carcass search	3-day 90-m cleared plot	intact	yes
08/10/2021killdeer35317incidentaltwice per week road and padscavengedno08/10/2021turkey vulture47347carcass searchtwice per week 70-m uncleared plotdismembered yes08/11/2021horned lark68416carcass search3-day 90-m cleared plotscavenged yes08/11/2021horned lark68219carcass searchtwice per week 70-m uncleared plotscavenged yes08/12/2021horned lark79302carcass searchtwice per week 70-m uncleared plotdismembered yes08/11/2021horned lark79302carcass search3-day 90-m cleared plotintact08/12/2021horned lark79302carcass search3-day 90-m cleared plotintact08/14/2021barn swallow60431carcass search3-day 90-m cleared plotscavenged yes08/14/2021barn swallow60431carcass search3-day 90-m cleared plotscavenged yes08/14/2021barn swallow65203carcass search3-day 90-m cleared plotscavenged yes08/14/2021born-headed cowbird37404carcass search3-day 90-m cleared plotscavenged yes08/16/2021borned lark7402carcass search3-day 90-m cleared plotscavenged yes08/17/2021turkey vulture80346carcass search3-day 90-m cleared plotscavenged yes08/19/2021horned lark7402ca	08/10/2021	horned lark			carcass search	twice per week road and pad	scavenged	no
08/10/2021 turkey vulture47347carcass searchtwice per week 70-m uncleared plotdismemberedyes08/11/2021 horned lark68416carcass search3-day 90-m cleared plotscavengedyes08/12/2021 horned lark68219carcass search3-day 90-m cleared plotscavengedyes08/12/2021 horned lark68219carcass searchtwice per week 70-m uncleared plotscavengedyes08/12/2021 horned lark79302carcass searchtwice per week 70-m uncleared plotdismemberedyes08/13/2021 horned lark13402carcass search3-day 90-m cleared plotscavengedyes08/14/2021 barne lark60431carcass search3-day 90-m cleared plotscavengedyes08/16/2021 horned lark65203carcass search3-day 90-m cleared plotscavengedyes08/16/2021 horned lark65203carcass search3-day 90-m cleared plotscavengedyes08/16/2021 horned lark64402carcass search3-day 90-m cleared plotscavengedyes08/17/2021 turkey vulture8036carcass search3-day 90-m cleared plotscavengedyes08/19/2021 horned lark7402carcass search3-day 90-m cleared plotscavengedyes08/19/2021 horned lark7402carcass search3-day 90-m cleared plotscavengedyes08/19/2021 horned lark7402carcass search	08/10/2021	killdeer			carcass search	twice per week road and pad	scavenged	no
08/11/2021 American kestrel10407carcass search3-day 90-m cleared plotscavengedyes08/11/2021 horned lark68416carcass search3-day 90-m cleared plotscavengedyes08/12/2021 horned lark68219carcass search3-day 90-m cleared plotscavengedyes08/12/2021 horned lark79302carcass searchtwice per week 70-m uncleared plotscavengedyes08/12/2021 horned lark79302carcass search3-day 90-m cleared plotscavengedyes08/14/2021 barn swallow60431carcass search3-day 90-m cleared plotscavengedyes08/14/2021 barn swallow65203carcass search3-day 90-m cleared plotscavengedyes08/16/2021 brown-headed cowbird37404carcass search3-day 90-m cleared plotscavengedyes08/16/2021 brown-headed cowbird37404carcass search3-day 90-m cleared plotscavengedyes08/16/2021 brown-headed cowbird37404carcass search3-day 90-m cleared plotscavengedyes08/19/2021 horned lark7402carcass sea	08/10/2021	killdeer	35	317	incidental	twice per week road and pad	scavenged	no
08/11/2021horned lark68416carcass search3-day 90-m cleared plotscavengedyes08/12/2021horned lark81219carcass searchtwice per week 70-m uncleared plotscavengedyes08/12/2021horned lark79302carcass searchtwice per week 70-m uncleared plotintactyes08/12/2021horned lark13402carcass search3-day 90-m cleared plotintactyes08/12/2021horned lark13402carcass search3-day 90-m cleared plotintactyes08/14/2021barn swallow60431carcass search3-day 90-m cleared plotscavengedyes08/14/2021unidentified empidonax97431carcass search3-day 90-m cleared plotscavengedyes08/16/2021brown-headed cowbird37404carcass search3-day 90-m cleared plotscavengedyes08/16/2021kildeer54402carcass search3-day 90-m cleared plotscavengedyes08/19/2021horned lark7402carcass search3-day 90-m cleared plotscavenged<	08/10/2021	turkey vulture	47	347	carcass search	twice per week 70-m uncleared plot	dismembered	yes
08/12/2021horned lark68219carcass searchtwice per week 70-m uncleared plotscavengedyes08/12/2021horned lark79302carcass searchtwice per week 70-m uncleared plotscavengedyes08/13/2021horned lark79302carcass search3-day 90-m cleared plotintactyes08/14/2021barn swallow60431carcass search3-day 90-m cleared plotscavengedyes08/14/2021barn swallow60431carcass search3-day 90-m cleared plotscavengedyes08/14/2021barn swallow65203carcass search3-day 90-m cleared plotscavengedyes08/16/2021brown-headed cowbird37404carcass search3-day 90-m cleared plotscavengedyes08/11/2021horned lark7402carcass search3-day 90-m cleared plotscavengedyes08/11/2021horned lark7402carcass search3-day 90-m cleared plotscavengedyes08/11/2021horned lark7402carcass search3-day 90-m cleared	08/11/2021	American kestrel	10	407	carcass search	3-day 90-m cleared plot	scavenged	yes
08/12/2021 horned lark81219carcass searchtwice per week 70-m uncleared plotscavengedyes08/12/2021 horned lark13402carcass search3-day 90-m cleared plotintactyes08/14/2021 barn swallow60431carcass search3-day 90-m cleared plotscavengedyes08/14/2021 broned lark65203carcass search3-day 90-m cleared plotscavengedyes08/16/2021 brown-headed cowbird37404carcass search3-day 90-m cleared plotscavengedyes08/16/2021 brown-headed cowbird37404carcass search3-day 90-m cleared plotscavengedyes08/17/2021 brown-headed cowbird37404carcass search3-day 90-m cleared plotscavengedyes08/17/2021 brown-headed cowbird37404carcass search3-day 90-m cleared plotscavengedyes08/19/2021 horned lark7402carcass search3-day 90-m cleared plotscavengedyes08/19/2021 horned lark7402carcass search3-day 90-m cleared plotintactyes08/19/2021 horned lark17405carcass search3-day 90-m cleared plotscavengedyes08/12/2021 wildeer62315carcass search3-day 90-m cleared plotscavengedyes08/22/2021 horned lark72212carcass search3-day 90-m cleared plotscavengedyes08/22/2021 horned lark72212carcass search </td <td>08/11/2021</td> <td>horned lark</td> <td>68</td> <td>416</td> <td>carcass search</td> <td>3-day 90-m cleared plot</td> <td>scavenged</td> <td>yes</td>	08/11/2021	horned lark	68	416	carcass search	3-day 90-m cleared plot	scavenged	yes
08/12/2021 horned lark79302carcass searchtwice per week 70-m cleared plotdismembered yes08/13/2021 horned lark13402carcass search3-day 90-m cleared plotintactyes08/14/2021 unidentified empidonax97431carcass search3-day 90-m cleared plotscavengedyes08/14/2021 horned lark65203carcass search3-day 90-m cleared plotscavengedyes08/14/2021 brown-headed cowbird37404carcass search3-day 90-m cleared plotscavengedyes08/16/2021 brown-headed cowbird37404carcass search3-day 90-m cleared plotscavengedyes08/17/2021 turkey vulture80346carcass search3-day 90-m cleared plotscavengedyes08/19/2021 horned lark7402carcass search3-day 90-m cleared plotscavengedyes08/19/2021 horned lark7405carcass search3-day 90-m cleared plotscavengedyes08/20/2021 horned lark7405carcass search3-day 90-m cleared plotscavengedyes08/20/2021 horned lark72212carcass search3-d	08/12/2021	horned lark	68	219	carcass search	twice per week 70-m uncleared plot	scavenged	yes
08/13/2021 horned lark13402carcass search3-day 90-m cleared plotintactyes08/14/2021 barn swallow60431carcass search3-day 90-m cleared plotscavengedyes08/14/2021 unidentified empidonax97431carcass search3-day 90-m cleared plotscavengedyes08/15/2021 horned lark65203carcass search3-day 90-m cleared plotscavengedyes08/16/2021 brown-headed cowbird37404carcass search3-day 90-m cleared plotscavengedyes08/16/2021 brown-headed cowbird37404carcass search3-day 90-m cleared plotscavengedyes08/16/2021 brown-headed cowbird37402carcass search3-day 90-m cleared plotscavengedyes08/16/2021 horned lark7402carcass search3-day 90-m cleared plotscavengedyes08/19/2021 horned lark7402carcass search3-day 90-m cleared plotscavengedyes08/19/2021 horned lark17405carcass search3-day 90-m cleared plotfeather spotyes08/20/2021 killdeer62315carcass search3-day 90-m cleared plotscavengedyes08/21/2021 unidentified small bird1345carcass search3-day 90-m cleared plotscavengedyes08/22/2021 horned lark72212carcass search3-day 90-m cleared plotscavengedyes08/23/2021 horned lark6408carcass	08/12/2021	horned lark	81	219	carcass search	twice per week 70-m uncleared plot	scavenged	yes
08/14/2021barn swallow60431carcass search3-day 90-m cleared plotscavengedyes08/14/2021unidentified empidonax97431carcass search3-day 90-m cleared plotscavengedyes08/15/2021horned lark65203carcass search3-day 90-m cleared plotscavengedyes08/16/2021brown-headed cowbird37404carcass search3-day 90-m cleared plotscavengedyes08/16/2021killdeer54402carcass search3-day 90-m cleared plotscavengedyes08/17/2021turkey vulture80346carcass search3-day 90-m cleared plotscavengedyes08/19/2021horned lark7402carcass search3-day 90-m cleared plotfeather spotyes08/19/2021horned lark17405carcass search3-day 90-m cleared plotfeather spotyes08/19/2021killdeer62315carcass search3-day 90-m cleared plotscavengedyes08/20/2021killdeer62315carcass search3-day 90-m cleared plotscavengedyes08/21/2021unidentified small bird1345carcass search3-day 90-m cleared plotscavengedyes08/22/2021horned lark72212carcass search3-day 90-m cleared plotscavengedyes08/23/2021horned lark67410carcass searchtwice per week 70-m uncleared plot <td< td=""><td>08/12/2021</td><td>horned lark</td><td>79</td><td>302</td><td>carcass search</td><td>twice per week 70-m cleared plot</td><td>dismembered</td><td>yes</td></td<>	08/12/2021	horned lark	79	302	carcass search	twice per week 70-m cleared plot	dismembered	yes
08/14/2021unidentified empidonax97431carcass search3-day 90-m cleared plotscavengedyes08/15/2021horned lark65203carcass search3-day 90-m cleared plotscavengedyes08/16/2021brown-headed cowbird37404carcass search3-day 90-m cleared plotscavengedyes08/16/2021killdeer54402carcass search3-day 90-m cleared plotscavengedyes08/17/2021turkey vulture80346carcass search3-day 90-m cleared plotscavengedyes08/19/2021horned lark7402carcass search3-day 90-m cleared plotscavengedyes08/19/2021horned lark7402carcass search3-day 90-m cleared plotfeather spotyes08/19/2021horned lark17405carcass search3-day 90-m cleared plotscavengedyes08/19/2021killdeer85402incidental3-day 90-m cleared plotscavengedyes08/19/2021killdeer62315carcass search3-day 90-m cleared plotscavengedyes08/20/2021killdeer62315carcass search3-day 90-m cleared plotscavengedyes08/21/2021unidentified small bird1345carcass search3-day 90-m cleared plotscavengedyes08/21/2021horned lark72212carcass search3-day 90-m cleared plotscavengedyes<	08/13/2021	horned lark	13	402	carcass search	3-day 90-m cleared plot	intact	yes
08/15/2021 horned lark65203carcass searchtwice per week 70-m uncleared plotscavengedyes08/16/2021 brown-headed cowbird37404carcass search3-day 90-m cleared plotscavengedyes08/16/2021 killdeer54402carcass search3-day 90-m cleared plotscavengedyes08/17/2021 turkey vulture80346carcass search3-day 90-m cleared plotscavengedyes08/19/2021 horned lark7402carcass search3-day 90-m cleared plotscavengedyes08/19/2021 horned lark25403carcass search3-day 90-m cleared plotfeather spotyes08/19/2021 horned lark17405carcass search3-day 90-m cleared plotfeather spotyes08/20/2021 killdeer62315carcass search3-day 90-m cleared plotfeather spotyes08/20/2021 wurning dove88415carcass search3-day 90-m cleared plotscavengedyes08/21/2021 unidentified small bird1345carcass search3-day 90-m cleared plotscavengedyes08/23/2021 horned lark72212carcass searchtwice per week 70-m uncleared plotscavengedyes08/23/2021 horned lark6408carcass searchtwice per week 70-m uncleared plotscavengedyes08/23/2021 horned lark67410carcass searchtwice per week 70-m uncleared plotintactyes08/23/2021 horned lark67 <t< td=""><td>08/14/2021</td><td>barn swallow</td><td>60</td><td>431</td><td>carcass search</td><td>3-day 90-m cleared plot</td><td>scavenged</td><td>yes</td></t<>	08/14/2021	barn swallow	60	431	carcass search	3-day 90-m cleared plot	scavenged	yes
08/16/2021 brown-headed cowbird37404carcass search3-day 90-m cleared plotscavengedyes08/16/2021 killdeer54402carcass search3-day 90-m cleared plotscavengedyes08/17/2021 turkey vulture80346carcass search3-day 90-m cleared plotscavengedyes08/19/2021 horned lark7402carcass search3-day 90-m cleared plotfeather spotyes08/19/2021 horned lark25403carcass search3-day 90-m cleared plotintactyes08/19/2021 horned lark17405carcass search3-day 90-m cleared plotintactyes08/20/2021 killdeer62315carcass search3-day 90-m cleared plotscavengedyes08/20/2021 killdeer62315carcass search3-day 90-m cleared plotscavengedyes08/20/2021 nourning dove88415carcass search3-day 90-m cleared plotscavengedyes08/21/2021 unidentified small bird1345carcass search3-day 90-m cleared plotscavengedyes08/23/2021 horned lark72212carcass search3-day 90-m cleared plotscavengedyes08/23/2021 horned lark6408carcass searchtwice per week 70-m uncleared plotintactyes08/23/2021 horned lark67410carcass search3-day 90-m cleared plotintactno08/23/2021 horned lark35409carcass search3-day 90-m cle	08/14/2021	unidentified empidonax	97	431	carcass search	3-day 90-m cleared plot	scavenged	yes
08/16/2021 killdeer54402carcass search3-day 90-m cleared plotscavengedyes08/17/2021 turkey vulture80346carcass searchtwice per week 70-m uncleared plotscavengedyes08/19/2021 horned lark7402carcass search3-day 90-m cleared plotfeather spotyes08/19/2021 horned lark25403carcass search3-day 90-m cleared plotintactyes08/19/2021 horned lark17405carcass search3-day 90-m cleared plotscavengedyes08/19/2021 killdeer85402incidental3-day 90-m cleared plotscavengedyes08/20/2021 killdeer62315carcass search3-day 90-m cleared plotscavengedyes08/21/2021 mourning dove88415carcass search3-day 90-m cleared plotscavengedyes08/21/2021 noned lark72212carcass search3-day 90-m cleared plotscavengedyes08/23/2021 horned lark72212carcass search3-day 90-m cleared plotscavengedyes08/23/2021 horned lark6408carcass searchtwice per week 70-m uncleared plotscavengedyes08/23/2021 horned lark67410carcass searchtwice per week road and paddismembered no08/23/2021 horned lark35416carcass search3-day 90-m cleared plotfeather spotyes08/23/2021 horned lark35416carcass search3-day 90-m cleared	08/15/2021	horned lark	65	203	carcass search	twice per week 70-m uncleared plot	scavenged	yes
08/17/2021turkey vulture80346carcass searchtwice per week 70-m uncleared plotscavengedyes08/19/2021horned lark7402carcass search3-day 90-m cleared plotfeather spotyes08/19/2021horned lark25403carcass search3-day 90-m cleared plotintactyes08/19/2021horned lark17405carcass search3-day 90-m cleared plotscavengedyes08/19/2021killdeer85402incidental3-day 90-m cleared plotfeather spotyes08/20/2021killdeer62315carcass search3-day 90-m cleared plotscavengedyes08/21/2021mourning dove88415carcass search3-day 90-m cleared plotscavengedyes08/23/2021horned lark72212carcass search3-day 90-m cleared plotscavengedyes08/23/2021horned lark6408carcass searchtwice per week 70-m uncleared plotscavengedyes08/23/2021horned lark6408carcass searchtwice per week road and padintactno08/23/2021horned lark67410carcass search3-day 90-m cleared plotfeather spotyes08/23/2021horned lark35416carcass search3-day 90-m cleared plotfeather spotyes08/23/2021horned lark35416carcass search3-day 90-m cleared plotfeather spot<	08/16/2021	brown-headed cowbird	37	404	carcass search	3-day 90-m cleared plot	scavenged	yes
08/19/2021 horned lark7402 403carcass search carcass search3-day 90-m cleared plot scavenged plotfeather spot yes08/19/2021 horned lark25403 405carcass search carcass search3-day 90-m cleared plotintactyes08/19/2021 horned lark17405 405carcass search carcass search3-day 90-m cleared plotscavengedyes08/19/2021 killdeer85402 402incidental carcass search3-day 90-m cleared plotfeather spotyes08/20/2021 killdeer62315 402carcass search carcass search3-day 90-m cleared plotscavengedyes08/21/2021 unidentified small bird1345 45 472carcass search carcass search3-day 90-m cleared plotscavengedyes08/23/2021 horned lark72212 472carcass search carcass searchtwice per week 70-m uncleared plotintactyes08/23/2021 horned lark6408 408 408carcass search carcass searchtwice per week road and padintactno08/23/2021 horned lark67410 410 410carcass search 4103-day 90-m cleared plotfeather spotyes08/23/2021 horned lark35416 410 4103-day 90-m cleared plotfeather spotyes08/23/2021 horned lark35416 416 4103-day 90-m cleared plotscavengedyes08/23/2021 horned lark35416 416 4103-day 90-m cleared plotscavengedyes </td <td>08/16/2021</td> <td>killdeer</td> <td>54</td> <td>402</td> <td>carcass search</td> <td>3-day 90-m cleared plot</td> <td>scavenged</td> <td>yes</td>	08/16/2021	killdeer	54	402	carcass search	3-day 90-m cleared plot	scavenged	yes
08/19/2021 horned lark25403carcass search3-day 90-m cleared plotintactyes08/19/2021 horned lark17405carcass search3-day 90-m cleared plotscavengedyes08/19/2021 killdeer85402incidental3-day 90-m cleared plotfeather spotyes08/20/2021 killdeer62315carcass search3-day 90-m cleared plotscavengedyes08/20/2021 mourning dove88415carcass search3-day 90-m cleared plotscavengedyes08/21/2021 unidentified small bird1345carcass search3-day 90-m cleared plotscavengedyes08/23/2021 horned lark72212carcass searchtwice per week 70-m uncleared plotintactyes08/23/2021 horned lark6408carcass searchtwice per week road and padintactno08/23/2021 horned lark35409carcass searchtwice per week road and padintactno08/23/2021 horned lark35416carcass search3-day 90-m cleared plotfeather spotyes08/23/2021 horned lark35416carcass search3-day 90-m cleared plotscavengedyes08/23/2021 horned lark35416carcass search3-day 90-m cleared plotscavengedyes08/23/2021 horned lark35416carcass search3-day 90-m cleared plotscavengedyes08/23/2021 horned lark35416carcass search3-day 90-m clear	08/17/2021	turkey vulture	80	346	carcass search	twice per week 70-m uncleared plot	scavenged	yes
08/19/2021 horned lark17405carcass search3-day 90-m cleared plotscavengedyes08/19/2021 killdeer85402incidental3-day 90-m cleared plotfeather spotyes08/20/2021 killdeer62315carcass searchtwice per week 70-m uncleared plotscavengedyes08/21/2021 unidentified small bird1345carcass search3-day 90-m cleared plotscavengedyes08/22/2021 horned lark72212carcass searchtwice per week 70-m uncleared plotscavengedyes08/23/2021 horned lark6408carcass searchtwice per week road and padintactyes08/23/2021 horned lark35409carcass searchtwice per week road and paddismemberedno08/23/2021 horned lark67410carcass search3-day 90-m cleared plotfeather spotyes08/23/2021 horned lark35416carcass search3-day 90-m cleared plotfeather spotyes08/23/2021 horned lark35416carcass search3-day 90-m cleared plotfeather spotyes08/23/2021 horned lark35416carcass search3-day 90-m cleared plotscavengedyes08/23/2021 horned lark35416carcass search3-day 90-m cleared plotscavengedyes08/23/2021 horned lark35416carcass search3-day 90-m cleared plotscavengedyes08/23/2021 killdeer100232carcass search	08/19/2021	horned lark	7	402	carcass search	3-day 90-m cleared plot	feather spot	yes
08/19/2021 killdeer85402incidental3-day 90-m cleared plotfeather spotyes08/20/2021 killdeer62315carcass searchtwice per week 70-m uncleared plotscavengedyes08/20/2021 mourning dove88415carcass search3-day 90-m cleared plotscavengedyes08/21/2021 unidentified small bird1345carcass searchtwice per week 70-m uncleared plotscavengedyes08/22/2021 horned lark72212carcass searchtwice per week 70-m uncleared plotintactyes08/23/2021 horned lark6408carcass searchtwice per week road and padintactno08/23/2021 horned lark6409carcass searchtwice per week road and paddismembered no08/23/2021 horned lark67410carcass search3-day 90-m cleared plotfeather spotyes08/23/2021 horned lark35416carcass search3-day 90-m cleared plotscavengedyes08/23/2021 horned lark35416carcass search3-day 90-m cleared plotscavengedyes08/23/2021 horned lark35416carcass search3-day 90-m cleared plotscavengedyes08/23/2021 killdeer100232carcass searchtwice per week road and padscavengedyes08/23/2021 killdeer100232carcass searchtwice per week road and padscavengedyes	08/19/2021	horned lark	25	403	carcass search	3-day 90-m cleared plot	intact	yes
08/20/2021 killdeer62315carcass searchtwice per week 70-m uncleared plotscavengedyes08/20/2021 mourning dove88415carcass search3-day 90-m cleared plotscavengedyes08/21/2021 unidentified small bird1345carcass search3-day 90-m cleared plotscavengedyes08/22/2021 horned lark72212carcass searchtwice per week 70-m uncleared plotscavengedyes08/23/2021 horned lark6408carcass searchtwice per week 70-m uncleared plotintactyes08/23/2021 horned lark6408carcass searchtwice per week road and padintactno08/23/2021 horned lark67410carcass search3-day 90-m cleared plotfeather spotyes08/23/2021 horned lark35416carcass search3-day 90-m cleared plotscavengedyes08/23/2021 horned lark35416carcass search3-day 90-m cleared plotscavengedyes08/23/2021 killdeer100232carcass searchtwice per week road and padscavengedyes08/23/2021 killdeer100232carcass searchtwice per week road and padscavengedyes08/23/2021 killdeer100232carcass searchtwice per week road and padscavengedyes08/23/2021 killdeer100232carcass searchtwice per week road and padscavengedyes	08/19/2021	horned lark	17	405	carcass search	3-day 90-m cleared plot	scavenged	yes
08/20/2021mourning dove88415carcass search3-day 90-m cleared plotscavengedyes08/21/2021unidentified small bird1345carcass searchtwice per week 70-m uncleared plotscavengedyes08/22/2021horned lark72212carcass searchtwice per week 70-m uncleared plotintactyes08/23/2021horned lark6408carcass searchtwice per week road and padintactno08/23/2021horned lark35409carcass searchtwice per week road and paddismemberedno08/23/2021horned lark67410carcass search3-day 90-m cleared plotfeather spotyes08/23/2021horned lark35416carcass search3-day 90-m cleared plotscavengedyes08/23/2021horned lark35416carcass search3-day 90-m cleared plotscavengedyes08/23/2021killdeer100232carcass searchtwice per week road and padscavengedyes	08/19/2021	killdeer	85	402	incidental	3-day 90-m cleared plot	feather spot	yes
08/21/2021 unidentified small bird1345carcass searchtwice per week 70-m uncleared plotscavengedyes08/22/2021 horned lark72212carcass searchtwice per week 70-m uncleared plotintactyes08/23/2021 horned lark6408carcass searchtwice per week road and padintactno08/23/2021 horned lark35409carcass searchtwice per week road and paddismemberedno08/23/2021 horned lark67410carcass search3-day 90-m cleared plotfeather spotyes08/23/2021 horned lark35416carcass search3-day 90-m cleared plotscavengedyes08/23/2021 killdeer100232carcass searchtwice per week road and padscavengedyes	08/20/2021	killdeer	62	315	carcass search	twice per week 70-m uncleared plot	scavenged	yes
08/22/2021 horned lark72212carcass searchtwice per week 70-m uncleared plotintactyes08/23/2021 horned lark6408carcass searchtwice per week road and padintactno08/23/2021 horned lark35409carcass searchtwice per week road and padintactno08/23/2021 horned lark67410carcass search3-day 90-m cleared plotfeather spotyes08/23/2021 horned lark35416carcass search3-day 90-m cleared plotscavengedyes08/23/2021 killdeer100232carcass searchtwice per week road and padscavengedno	08/20/2021	mourning dove	88	415	carcass search	3-day 90-m cleared plot	scavenged	yes
08/23/2021 horned lark6408carcass searchtwice per week road and padintactno08/23/2021 horned lark35409carcass searchtwice per week road and paddismemberedno08/23/2021 horned lark67410carcass search3-day 90-m cleared plotfeather spotyes08/23/2021 horned lark35416carcass search3-day 90-m cleared plotscavengedyes08/23/2021 killdeer100232carcass searchtwice per week road and padscavengedno	08/21/2021	unidentified small bird	1	345	carcass search	twice per week 70-m uncleared plot	scavenged	yes
08/23/2021 horned lark35409carcass searchtwice per week road and paddismemberedno08/23/2021 horned lark67410carcass search3-day 90-m cleared plotfeather spotyes08/23/2021 horned lark35416carcass search3-day 90-m cleared plotscavengedyes08/23/2021 killdeer100232carcass searchtwice per week road and padscavengedno	08/22/2021	horned lark	72	212	carcass search	twice per week 70-m uncleared plot	intact	-
08/23/2021 horned lark67410carcass search3-day 90-m cleared plotfeather spotyes08/23/2021 horned lark35416carcass search3-day 90-m cleared plotscavengedyes08/23/2021 killdeer100232carcass searchtwice per week road and padscavengedno	08/23/2021	horned lark	6	408	carcass search	twice per week road and pad	intact	no
08/23/2021 horned lark35416 carcass search3-day 90-m cleared plotscavengedyes08/23/2021 killdeer100232 carcass searchtwice per week road and padscavengedno	08/23/2021	horned lark	35	409	carcass search	twice per week road and pad	dismembered	no
08/23/2021 horned lark35416carcass search3-day 90-m cleared plotscavengedyes08/23/2021 killdeer100232carcass searchtwice per week road and padscavengedno	08/23/2021	horned lark	67	410	carcass search	3-day 90-m cleared plot	feather spot	yes
08/23/2021 killdeer 100 232 carcass search twice per week road and pad scavenged no	08/23/2021	horned lark	35	416	carcass search	3-day 90-m cleared plot		yes
	08/23/2021	killdeer	100	232	carcass search	twice per week road and pad		•
	08/23/2021	killdeer	79	343	carcass search		•	yes

Appendix A. Carcasses found at the Timber Road Wind Farm, Paulding County, Ohio, from April 1 – May 15 and August 1 – October 16, 2021.

Found		Distance				Physical	Aided
Date	Species	from Turbine	Turbine	Search Type	Search Area Type	Condition	Search
08/24/2021	horned lark	23	347	carcass search	twice per week 70-m uncleared plot	dismembered	yes
08/24/2021	unidentified small bird	16	332	carcass search	twice per week 70-m uncleared plot	dismembered	yes
08/26/2021	horned lark	2	204	carcass search	twice per week 70-m uncleared plot	scavenged	yes
08/26/2021	horned lark	4	204	carcass search	twice per week 70-m uncleared plot	scavenged	yes
08/26/2021	horned lark	65	211	carcass search	twice per week 70-m uncleared plot	scavenged	yes
08/26/2021	horned lark	31	212	carcass search	twice per week 70-m uncleared plot	scavenged	yes
08/26/2021	horned lark	22	414	carcass search	3-day 90-m cleared plot	scavenged	yes
08/26/2021	indigo bunting	57	302	carcass search	twice per week 70-m cleared plot	scavenged	yes
08/26/2021	unidentified passerine	61	203	carcass search	twice per week 70-m uncleared plot	scavenged	yes
	chimney swift	19	342	carcass search	twice per week 70-m uncleared plot	scavenged	yes
08/28/2021	unidentified small bird	36	328	carcass search	twice per week 70-m uncleared plot	feather spot	yes
08/29/2021	horned lark	63	203	carcass search	twice per week 70-m uncleared plot	scavenged	yes
08/29/2021	horned lark	51	211	carcass search	twice per week 70-m uncleared plot	scavenged	yes
	horned lark	27	212	carcass search	twice per week 70-m uncleared plot	•	yes
08/29/2021	horned lark	88	212	carcass search	twice per week 70-m uncleared plot	scavenged	yes
	horned lark	32	414	carcass search	3-day 90-m cleared plot	scavenged	yes
	unidentified raptor	65	318	carcass search	twice per week 70-m cleared plot	scavenged	yes
	horned lark	18	315	carcass search	twice per week 70-m uncleared plot	feather spot	yes
08/31/2021	horned lark	20	402	carcass search	3-day 90-m cleared plot	intact	yes
08/31/2021		76	329	carcass search	twice per week 70-m uncleared plot	scavenged	yes
	red-eyed vireo	50	402	carcass search	3-day 90-m cleared plot	intact	yes
08/31/2021	red-eyed vireo	52	404	carcass search	3-day 90-m cleared plot	intact	yes
08/31/2021	unidentified blackbird	26	331	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/01/2021	horned lark	18	414	carcass search	3-day 90-m cleared plot	scavenged	yes
	horned lark	0	414	carcass search	3-day 90-m cleared plot	scavenged	yes
09/03/2021	American redstart	20	303	carcass search	twice per week 70-m uncleared plot	scavenged	yes
	American redstart	32	312	carcass search	twice per week road and pad	scavenged	no
09/03/2021	horned lark	52	311	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/03/2021	killdeer	29	319	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/03/2021	ovenbird	50	402	carcass search	3-day 90-m cleared plot	scavenged	yes
09/03/2021	turkey vulture	14	348	carcass search	twice per week road and pad	intact	no
	unidentified passerine	42	311	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/04/2021	American redstart	80	423	carcass search	3-day 90-m cleared plot	scavenged	yes
09/04/2021	horned lark	35	431	carcass search	3-day 90-m cleared plot	scavenged	yes
09/04/2021	killdeer	215	344	incidental	twice per week road and pad	scavenged	no
09/04/2021	magnolia warbler	59	329	carcass search	twice per week 70-m uncleared plot		yes

Appendix A. Carcasses found at the Timber Road Wind Farm, Paulding County, Ohio, from April 1 – May 15 and August 1 – October 16, 2021.

DateSpeciesfrom TurbineTurbineSearch TypeSearch Area TypeConditionSearch03/04/2021unidentified warbler822a carcass search3-day 90-m cleared plotintactyes03/05/2021unidentified warbler82423carcass search3-day 90-m cleared plotscawenged yes03/05/2021thorned lark444209carcass searchtwice per week 70-m uncleared plotscawenged yes03/05/2021tred-eyed vireo97403carcass search3-day 90-m cleared plotscawenged yes03/07/2021blackpoll warbler64252carcass search3-day 90-m cleared plotscawenged yes03/07/2021blackpoll warbler99404carcass search3-day 90-m cleared plotscawenged yes03/07/2021bnmed lark41345carcass search3-day 90-m cleared plotscawenged yes03/07/2021homed lark66424carcass search3-day 90-m cleared plotscawenged yes03/07/2021thored vireo48420carcass search3-day 90-m cleared plotscawenged yes03/07/2021turkey vulture47347carcass search3-day 90-m cleared plotscawenged yes03/07/2021turkey vulture47444carcass search3-day 90-m cleared plotscawenged yes03/07/2021turkey vulture47444carcass search3-day 90-m cleared plotscawenged yes03/07/2021turkey vulture47<	Found		Distance				Physical	Aided
09/04/2021unidentified warbler82423carcass search3-daý 90-m cleared plotdismembered yes09/05/2021killdeer28237carcass searchtwice per week 70-m uncleared plotscavenged yes09/06/2021tred-eyed vireo97403carcass search3-day 90-m cleared plotscavenged yes09/06/2021unidentified largb bird55401carcass search3-day 90-m cleared plotscavenged yes09/07/2021blackpoll warbler64252carcass search3-day 90-m cleared plotscavenged yes09/07/2021horned lark51416carcass search3-day 90-m cleared plotscavenged yes09/07/2021horned lark66424carcass search3-day 90-m cleared plotscavenged yes09/07/2021horned lark66424carcass search3-day 90-m cleared plotscavenged yes09/07/2021horned lark66424carcass search3-day 90-m cleared plotscavenged yes09/07/2021unidentified thrush71415carcass search3-day 90-m cleared plotscavenged yes09/07/2021unidentified warbler71415carcass search3-day 90-m cleared plotscavenged yes09/09/2021horned lark48209carcass search3-day 90-m cleared plotscavenged yes09/09/2021unidentified warbler71415carcass search3-day 90-m cleared plotscavenged yes09/09/2021unidentified warbler	Date	Species	from Turbine	Turbine	Search Type	Search Area Type	Condition	Search
09/05/2021hormed lark44209carcass searchwice per week 70-m uncleared plotscavengedyes09/06/2021luidentified large bird55401carcass search3-day 90-m cleared plotscavengedyes09/07/2021luidentified large bird55401carcass search3-day 90-m cleared plotscavengedyes09/07/2021hormed lark51416carcass search3-day 90-m cleared plotscavengedyes09/07/2021hormed lark51416carcass search3-day 90-m cleared plotscavengedyes09/07/2021hormed lark51416carcass search3-day 90-m cleared plotscavengedyes09/07/2021hormed lark66424carcass search3-day 90-m cleared plotscavengedyes09/07/2021red-eyed vireo48420carcass search3-day 90-m cleared plotintactyes09/07/2021red-eyed vireo48420carcass search3-day 90-m cleared plotintactyes09/07/2021unidentified thrush71414carcass search3-day 90-m cleared plotscavengedyes09/07/2021unidentified thrush71414carcass search3-day 90-m cleared plotscavengedyes09/07/2021unidentified thrush71414carcass search3-day 90-m cleared plotscavengedyes09/07/2021unidentified thrush71414carcass search3-day 9			-		carcass search	3-day 90-m cleared plot	intact	yes
09/06/2021 kildeer28327carcass searchtwice per week 70-m uncleared plotscavengedyes09/06/2021 red-eyed vireo97403carcass search3-day 90-m cleared plotscavengedyes09/06/2021 loackpoll warbler64252carcass search3-day 90-m cleared plotscavengedyes09/07/2021 blackpoll warbler99404carcass search3-day 90-m cleared plotscavengedyes09/07/2021 horned lark41345carcass search3-day 90-m cleared plotscavengedyes09/07/2021 horned lark51416carcass search3-day 90-m cleared plotscavengedyes09/07/2021 kildeer43424carcass search3-day 90-m cleared plotscavengedyes09/07/2021 kildeer43424carcass search3-day 90-m cleared plotscavengedyes09/07/2021 turkey vulture47347carcass search3-day 90-m cleared plotscavengedyes09/07/2021 turkey vulture47447carcass search3-day 90-m cleared plotscavengedyes09/07/2021 turkey vulture71415carcass search3-day 90-m cleared plotscavengedyes09/07/2021 turkey vulture71415carcass search3-day 90-m cleared plotscavengedyes09/07/2021 turkey vulture47447carcass search3-day 90-m cleared plotscavengedyes09/07/2021 turkey vulture71415carcass search<	09/04/2021	unidentified warbler	82		carcass search	3-day 90-m cleared plot	dismembered	yes
09/06/2021red-eyed vireo97403carcass search3-day 90-m cleared plotscavengedyes09/06/2021unidentified large bird55401carcass search3-day 90-m cleared plotscavengedyes09/07/2021chestnut-sided warbler99404carcass search3-day 90-m cleared plotfeather spotyes09/07/2021horned lark51416carcass search3-day 90-m cleared plotscavengedyes09/07/2021horned lark51416carcass search3-day 90-m cleared plotscavengedyes09/07/2021horned lark66424carcass search3-day 90-m cleared plotscavengedyes09/07/2021red-eyed vireo48420carcass search3-day 90-m cleared plotintactyes09/07/2021turidentified thrush71415carcass search3-day 90-m cleared plotdismemberedyes09/07/2021unidentified warbler71415carcass search3-day 90-m cleared plotscavengedyes09/09/2021horned lark49401carcass search3-day 90-m cleared plotscavengedyes09/09/2021horned lark48209carcass search3-day 90-m cleared plotscavengedyes09/09/2021horned lark44218carcass search3-day 90-m cleared plotscavengedyes09/09/2021horned lark41218carcass search3-day 90-m cleared plot<					carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/06/2021unidentified large bird55401carcass search3-day 90-m cleared plotscavengedyes09/07/2021blackpoll warbler64252carcass search3-day 90-m cleared plotscavengedyes09/07/2021hormed lark41345carcass search3-day 90-m cleared plotscavengedyes09/07/2021hormed lark51416carcass search3-day 90-m cleared plotscavengedyes09/07/2021hormed lark66424carcass search3-day 90-m cleared plotscavengedyes09/07/2021killder43424carcass search3-day 90-m cleared plotscavengedyes09/07/2021twice yer week 70-m uncleared plotscavengedyesyesyes09/07/2021unidentified warbler71415carcass search3-day 90-m cleared plotscavengedyes09/07/2021unidentified warbler71415carcass search3-day 90-m cleared plotscavengedyes09/07/2021unidentified warbler77401carcass search3-day 90-m cleared plotscavengedyes09/09/2021hormed lark48209carcass search3-day 90-m cleared plotscavengedyes09/09/2021hormed lark48209carcass search3-day 90-m cleared plotscavengedyes09/09/2021hormed lark44218carcass search3-day 90-m cleared plotscavenged <ty>yes</ty>					carcass search		scavenged	yes
09/07/2021blackpoll warbler64252carcass searchtwice per week 70-m cleared plotfeather spotyes09/07/2021chestnut-sided warbler99404carcass search3/day 90-m cleared plotscavengedyes09/07/2021horned lark51416carcass search3/day 90-m cleared plotscavengedyes09/07/2021horned lark66424carcass search3/day 90-m cleared plotscavengedyes09/07/2021red-eyed vireo48420carcass search3/day 90-m cleared plotscavengedyes09/07/2021red-eyed vireo48420carcass search3/day 90-m cleared plotdismemberedyes09/07/2021unidentified thrush71414carcass search3/day 90-m cleared plotdismemberedyes09/07/2021unidentified warbler71415carcass search3/day 90-m cleared plotscavengedyes09/07/2021unidentified warbler71415carcass search3/day 90-m cleared plotscavengedyes09/09/2021horned lark4820carcass search3/day 90-m cleared plotscavengedyes09/09/2021horned lark48209carcass search3/day 90-m cleared plotscavengedyes09/09/2021horned lark44218carcass search3/day 90-m cleared plotscavengedyes09/09/2021horned lark16414incidental3/day 90-m cl			-		carcass search	· ·	scavenged	yes
09/07/2021carcass search3-day 90-m cleared plotscavengedyes09/07/2021horned lark41345carcass search3-day 90-m cleared plotscavengedyes09/07/2021horned lark66424carcass search3-day 90-m cleared plotscavengedyes09/07/2021horned lark66424carcass search3-day 90-m cleared plotscavengedyes09/07/2021killdeer43424carcass search3-day 90-m cleared plotscavengedyes09/07/2021turkey vulture47347carcass search3-day 90-m cleared plotdismemberedyes09/07/2021unidentified warbler71414carcass search3-day 90-m cleared plotscavengedyes09/07/2021unidentified warbler27404carcass search3-day 90-m cleared plotscavengedyes09/09/2021horned lark49401carcass search3-day 90-m cleared plotscavengedyes09/09/2021horned lark48209carcass search3-day 90-m cleared plotscavengedyes09/09/2021horned lark44218carcass search3-day 90-m cleared plotscavengedyes09/09/2021horned lark44218carcass search3-day 90-m cleared plotscavengedyes09/09/2021horned lark41402carcass search3-day 90-m cleared plotscavengedyes09/09/2021horned		5	55		carcass search	· ·	scavenged	yes
09/07/2021horned lark41345carcass searchtwice per week 70-m uncleared plotscavengedyes09/07/2021horned lark66424carcass search3-day 90-m cleared plotintactyes09/07/2021killdeer43424carcass search3-day 90-m cleared plotscavengedyes09/07/2021red-syed vireo48420carcass search3-day 90-m cleared plotintactyes09/07/2021red-syed vireo48420carcass search3-day 90-m cleared plotintactyes09/07/2021unidentified thrush71415carcass search3-day 90-m cleared plotscavenged yes09/07/2021unidentified warbler71415carcass search3-day 90-m cleared plotscavenged yes09/07/2021unidentified warbler27404carcass search3-day 90-m cleared plotscavenged yes09/09/2021horned lark48209carcass search3-day 90-m cleared plotscavenged yes09/09/2021horned lark48209carcass search3-day 90-m cleared plotscavenged yes09/09/2021horned lark48209carcass search3-day 90-m cleared plotscavenged yes09/09/2021horned lark4111incidental3-day 90-m cleared plotscavenged yes09/09/2021horned lark4121carcass search3-day 90-m cleared plotscavenged yes09/09/2021horned lark42	09/07/2021	blackpoll warbler		252	carcass search		feather spot	yes
09/07/2021 horned lark51416carcass search3-day 90-m cleared plotintactyes09/07/2021 horned lark66424carcass search3-day 90-m cleared plotscavengedyes09/07/2021 red-eyed vireo48420carcass search3-day 90-m cleared plotintactyes09/07/2021 turkey vulture47347carcass search3-day 90-m cleared plotintactyes09/07/2021 unidentified thrush71414carcass search3-day 90-m cleared plotscavengedyes09/07/2021 unidentified warbler71415carcass search3-day 90-m cleared plotscavengedyes09/07/2021 unidentified warbler27404carcass search3-day 90-m cleared plotscavengedyes09/09/2021 hay-breasted warbler23425carcass search3-day 90-m cleared plotscavengedyes09/09/2021 horned lark48209carcass searchtwice per week 70-m uncleared plotscavengedyes09/09/2021 horned lark44218carcass searchtwice per week 70-m uncleared plotscavengedyes09/09/2021 red-eyed vireo81402carcass searchtwice per week 70-m uncleared plotscavengedyes09/09/2021 red-eyed vireo95412carcass searchtwice per week 70-m uncleared plotscavengedyes09/09/2021 red-eyed vireo56414carcass search3-day 90-m cleared plotscavengedyes09/10/2021 red-eyed v	09/07/2021	chestnut-sided warbler	99		carcass search			yes
09/07/2021horned lark66424carcass search3-day 90-m cleared plotscavengedyes09/07/2021kildeer43424carcass search3-day 90-m cleared plotscavengedyes09/07/2021turkey vulture47347carcass search3-day 90-m cleared plotintactyes09/07/2021unidentified turush71414carcass search3-day 90-m cleared plotdismemberedyes09/07/2021unidentified warbler71415carcass search3-day 90-m cleared plotscavengedyes09/07/2021unidentified warbler27404carcass search3-day 90-m cleared plotscavengedyes09/09/2021bay-breasted warbler23425carcass search3-day 90-m cleared plotscavengedyes09/09/2021horned lark48209carcass searchtwice per week road and padintactno09/09/2021horned lark44218carcass searchtwice per week 70-m uncleared plotscavengedyes09/09/2021horned lark41202carcass search3-day 90-m cleared plotscavengedyes09/09/2021horned lark46414incidental3-day 90-m cleared plotscavengedyes09/09/2021horned lark46414carcass search3-day 90-m cleared plotscavengedyes09/09/2021horned lark47302carcass search3-day 90-m cleared plots	09/07/2021	horned lark	41	345	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/07/2021killdeer43424carcass search3-day 90-m cleared plotscavengedyes09/07/2021red-eyed vireo48420carcass search3-day 90-m cleared plotintactyes09/07/2021unidentified thrush71414carcass search3-day 90-m cleared plotdismembered yes09/07/2021unidentified warbler71415carcass search3-day 90-m cleared plotscavenged yes09/07/2021unidentified warbler27404carcass search3-day 90-m cleared plotscavenged yes09/09/2021hareican redstart49401carcass search3-day 90-m cleared plotscavenged yes09/09/2021hareican redstart49401carcass search3-day 90-m cleared plotscavenged yes09/09/2021horned lark48209carcass searchtwice per week road and padintactno09/09/2021horned lark44218carcass searchtwice per week 70-m uncleared plotscavenged yes09/09/2021horned lark16410carcass search3-day 90-m cleared plotscavenged yes09/09/2021red-eyed vireo81402carcass search3-day 90-m cleared plotscavenged yes09/09/2021unidentified passerine73302carcass searchtwice per week road and padscavenged yes09/10/2021red-eyed vireo56414carcass search3-day 90-m cleared plotscavenged yes09/10/2021 <td></td> <td></td> <td>-</td> <td>-</td> <td>carcass search</td> <td>, , , , , , , , , , , , , , , , , , , ,</td> <td>intact</td> <td>yes</td>			-	-	carcass search	, , , , , , , , , , , , , , , , , , , ,	intact	yes
09/07/2021red-eyed vireo48420carcass search3-day 90-m cleared plotintactyes09/07/2021turkey vulture47347carcass searchtwice per week 70-m uncleared plotdismembered yes09/07/2021unidentified thrush71414carcass search3-day 90-m cleared plotscavenged yes09/07/2021unidentified warbler71414carcass search3-day 90-m cleared plotscavenged yes09/07/2021unidentified warbler27404carcass search3-day 90-m cleared plotscavenged yes09/09/2021hornerican redstart49401carcass search3-day 90-m cleared plotscavenged yes09/09/2021bay-breasted warbler23425carcass searchtwice per week road and padintactno09/09/2021horned lark44218carcass searchtwice per week 70-m uncleared plotscavenged yes09/09/2021horned lark16414incidental3-day 90-m cleared plotscavenged yes09/09/2021norned lark16412carcass searchtwice per week 70-m uncleared plotscavenged yes09/09/2021unidentified passerine73302carcass searchtwice per week 70-m leared plotscavenged yes09/10/2021chimeny swift56411carcass searchtwice per week 70-m uncleared plotscavenged yes09/10/2021red-eyed vireo56411carcass search3-day 90-m cleared plotscavenged	09/07/2021	horned lark		424	carcass search	3-day 90-m cleared plot	scavenged	yes
09/07/2021turkey vulture47347carcass searchtwice per week 70-m uncleared plotdismemberedyes09/07/2021unidentified thrush71414carcass search3-day 90-m cleared plotscavengedyes09/07/2021unidentified warbler71415carcass search3-day 90-m cleared plotscavengedyes09/09/2021harrican redstart49401carcass search3-day 90-m cleared plotscavengedyes09/09/2021bay-breasted warbler23425carcass search3-day 90-m cleared plotscavengedyes09/09/2021horned lark48209carcass searchtwice per week 70-m uncleared plotscavengedyes09/09/2021horned lark16414incidental3-day 90-m cleared plotscavengedyes09/09/2021red-eyed vireo81402carcass search3-day 90-m cleared plotscavengedyes09/09/2021red-eyed vireo95412carcass search3-day 90-m cleared plotscavengedyes09/10/2021unidentified passerine73302carcass searchtwice per week 70-m uncleared plotscavengedyes09/10/2021red-breasted nuthatch29311carcass search3-day 90-m cleared plotscavengedyes09/10/2021red-breasted nuthatch29311carcass search3-day 90-m cleared plotscavengedyes09/11/2021red-breasted nuthatch29 <td></td> <td></td> <td></td> <td></td> <td>carcass search</td> <td>3-day 90-m cleared plot</td> <td>scavenged</td> <td>yes</td>					carcass search	3-day 90-m cleared plot	scavenged	yes
09/07/2021unidentified thrush71414carcass search3-day 90-m cleared plotdismemberedyes09/07/2021unidentified warbler71415carcass search3-day 90-m cleared plotscavengedyes09/08/2021unidentified warbler27404carcass search3-day 90-m cleared plotscavengedyes09/09/2021horned lark49401carcass search3-day 90-m cleared plotscavengedyes09/09/2021horned lark48209carcass searchtwice per week road and padintactno09/09/2021horned lark44218carcass searchtwice per week 70-m uncleared plotscavengedyes09/09/2021horned lark16414incidental3-day 90-m cleared plotscavengedyes09/09/2021red-eyed vireo81402carcass searchtwice per week 70-m uncleared plotscavengedyes09/09/2021unidentified passerine73302carcass searchtwice per week 70-m uncleared plotscavengedyes09/10/2021red-breasted nuthatch29311carcass searchtwice per week 70-m uncleared plotscavengedyes09/10/2021red-breasted nuthatch29311carcass searchtwice per week 70-m uncleared plotscavengedyes09/10/2021red-breasted nuthatch29311carcass searchtwice per week 70-m uncleared plotscavengedyes09/11/2021unide					carcass search	, , , , , , , , , , , , , , , , , , , ,		yes
09/07/2021unidentified warbler71415carcass search3-day 90-m cleared plotscavengedyes09/08/2021unidentified warbler27404carcass search3-day 90-m cleared plotscavengedyes09/09/2021horneican redstart49401carcass search3-day 90-m cleared plotscavengedyes09/09/2021horneican redstart49401carcass search3-day 90-m cleared plotscavengedyes09/09/2021horned lark48209carcass searchtwice per week road and padintactno09/09/2021horned lark44218carcass search3-day 90-m cleared plotscavengedyes09/09/2021horned lark16414incidental3-day 90-m cleared plotscavengedyes09/09/2021red-eyed vireo95412carcass search3-day 90-m cleared plotscavengedyes09/09/2021red-eyed vireo95412carcass searchtwice per week 70-m uncleared plotscavengedyes09/10/2021red-eyed vireo95412carcass searchtwice per week 70-m uncleared plotscavengedyes09/10/2021red-eyed vireo42315carcass searchtwice per week 70-m uncleared plotscavengedyes09/10/2021red-eyed vireo56414carcass search3-day 90-m cleared plotscavengedyes09/10/2021red-eyed vireo56411carcass search <td></td> <td>5</td> <td></td> <td></td> <td>carcass search</td> <td></td> <td></td> <td>yes</td>		5			carcass search			yes
09/08/2021unidentified warbler27404carcass search3-day 90-m cleared plotscavengedyes09/09/2021American redstart49401carcass search3-day 90-m cleared plotscavengedyes09/09/2021bay-breasted warbler23425carcass searchtwice per week road and padintactno09/09/2021horned lark48209carcass searchtwice per week 70-m uncleared plotscavengedyes09/09/2021horned lark16414incidental3-day 90-m cleared plotscavengedyes09/09/2021red-eyed vireo81402carcass search3-day 90-m cleared plotscavengedyes09/09/2021red-eyed vireo95412carcass search3-day 90-m cleared plotscavengedyes09/09/2021unidentified passerine73302carcass searchtwice per week 70-m uncleared plotscavengedyes09/10/2021philadelphia vireo42315carcass search3-day 90-m cleared plotscavengedyes09/10/2021red-eyed vireo56411carcass search3-day 90-m cleared plotscavengedyes09/10/2021red-eyed vireo56411carcass search3-day 90-m cleared plotscavengedyes09/10/2021red-eyed vireo56411carcass search3-day 90-m cleared plotscavengedyes09/10/2021unidentified kinglet31328carcass sear	09/07/2021	unidentified thrush			carcass search	· ·	dismembered	yes
09/09/2021American redstart49401carcass search3-day 90-m cleared plotscavengedyes09/09/2021bay-breasted warbler23425carcass searchtwice per week road and padintactno09/09/2021horned lark48209carcass searchtwice per week 70-m uncleared plotscavengedyes09/09/2021horned lark44218carcass searchtwice per week 70-m uncleared plotscavengedyes09/09/2021horned lark16414incidental3-day 90-m cleared plotscavengedyes09/09/2021red-eyed vireo81402carcass search3-day 90-m cleared plotscavengedyes09/09/2021red-eyed vireo95412carcass searchtwice per week 70-m cleared plotscavengedyes09/10/2021chimey swift56414carcass searchtwice per week 70-m uncleared plotscavengedyes09/10/2021red-eyed vireo42315carcass searchtwice per week 70-m uncleared plotscavengedyes09/10/2021red-eyed vireo56411carcass searchtwice per week 70-m uncleared plotscavengedyes09/10/2021red-eyed vireo56411carcass searchtwice per week 70-m uncleared plotscavengedyes09/10/2021red-eyed vireo56411carcass searchtwice per week 70-m uncleared plotscavengedyes09/10/2021unidentified small bird	09/07/2021	unidentified warbler			carcass search	3-day 90-m cleared plot	scavenged	yes
09/09/2021bay-breasted warbler23425carcass searchtwice per week road and padintactno09/09/2021horned lark48209carcass searchtwice per week 70-m uncleared plotscavengedyes09/09/2021horned lark16414incidental3-day 90-m cleared plotscavengedyes09/09/2021red-eyed vireo81402carcass search3-day 90-m cleared plotscavengedyes09/09/2021red-eyed vireo95412carcass search3-day 90-m cleared plotscavengedyes09/09/2021unidentified passerine73302carcass searchtwice per week 70-m cleared plotscavengedyes09/10/2021chimney swift56414carcass search3-day 90-m cleared plotintactyes09/10/2021per week 70-m uncleared plotintactyesyesyesyesyes09/10/2021red-eyed vireo42315carcass search3-day 90-m cleared plotintactyes09/10/2021red-eyed vireo56411carcass search3-day 90-m cleared plotintactyes09/10/2021unidentified small bird74238carcass search3-day 90-m cleared plotscavengedyes09/12/2021horned lark3210carcass searchtwice per week 70-m uncleared plotscavengedyes09/12/2021horned lark3210carcass searchtwice per week 70-m unclear					carcass search		scavenged	yes
09/09/2021horned lark48209carcass searchtwice per week 70-m uncleared plotscavengedyes09/09/2021horned lark16414incidental3-day 90-m cleared plotscavengedyes09/09/2021horned lark16414incidental3-day 90-m cleared plotscavengedyes09/09/2021red-eyed vireo95412carcass search3-day 90-m cleared plotscavengedyes09/09/2021unidentified passerine73302carcass search3-day 90-m cleared plotscavengedyes09/10/2021chimney swift56414carcass search3-day 90-m cleared plotscavengedyes09/10/2021philadelphia vireo42315carcass search3-day 90-m cleared plotscavengedyes09/10/2021red-eyed vireo56411carcass search3-day 90-m cleared plotscavengedyes09/10/2021red-eyed vireo56411carcass search3-day 90-m cleared plotintactyes09/10/2021unidentified small bird74238carcass search3-day 90-m cleared plotscavengedyes09/12/2021horned lark3210carcass searchtwice per week 70-m uncleared plotscavengedyes09/12/2021horned lark3210carcass searchtwice per week 70-m uncleared plotscavengedyes09/12/2021horned lark3210carcass searchtwice per wee			-	-	carcass search		scavenged	yes
09/09/2021 horned lark44218carcass searchtwice per week 70-m uncleared plotscavengedyes09/09/2021 horned lark16414incidental3-day 90-m cleared plotscavengedyes09/09/2021 red-eyed vireo81402carcass search3-day 90-m cleared plotscavengedyes09/09/2021 red-eyed vireo95412carcass searchtwice per week road and padscavengedyes09/09/2021 unidentified passerine73302carcass searchtwice per week 70-m cleared plotscavengedyes09/10/2021 chimney swift56414carcass search3-day 90-m cleared plotintactyes09/10/2021 red-breasted nuthatch29311carcass searchtwice per week 70-m uncleared plotscavengedyes09/10/2021 unidentified small bird74238carcass searchtwice per week 70-m uncleared plotintactyes09/12/2021 horned lark37208carcass searchtwice per week 70-m uncleared plotscavengedyes09/12/2021 horned lark3210carcass searchtwice per week 70-m uncleared plotscavengedyes09/12/2021 Tennessee warbler61302carcass searchtwice per week 70-m uncleared plotscavengedyes09/13/2021 bay-breasted warbler47321carcass searchtwice per week 70-m uncleared plotscavengedyes09/13/2021 bay-breasted warbler47321carcass searchtwice per week 70-m uncleared plo	09/09/2021	bay-breasted warbler	23		carcass search	twice per week road and pad	intact	no
09/09/2021horned lark16414incidental3-day 90-m cleared plotscavengedyes09/09/2021red-eyed vireo81402carcass search3-day 90-m cleared plotscavengedyes09/09/2021red-eyed vireo95412carcass search3-day 90-m cleared plotscavengedyes09/09/2021unidentified passerine73302carcass searchtwice per week road and padscavengedyes09/10/2021chimney swift56414carcass search3-day 90-m cleared plotintactyes09/10/2021philadelphia vireo42315carcass search3-day 90-m cleared plotscavengedyes09/10/2021red-breasted nuthatch29311carcass search3-day 90-m cleared plotscavengedyes09/10/2021red-eyed vireo56411carcass search3-day 90-m cleared plotscavengedyes09/10/2021unidentified small bird74238carcass search3-day 90-m cleared plotintactyes09/12/2021horned lark37208carcass searchtwice per week 70-m uncleared plotscavengedyes09/12/2021horned lark3210carcass searchtwice per week 70-m uncleared plotscavengedyes09/13/2021bay-breasted warbler61302carcass searchtwice per week 70-m uncleared plotscavengedyes09/13/2021bay-breasted warbler47321c	09/09/2021	horned lark	48	209	carcass search			yes
09/09/2021red-eyed vireo81402carcass search3-day 90-m cleared plotscavengedyes09/09/2021red-eyed vireo95412carcass searchtwice per week road and padscavengedno09/09/2021unidentified passerine73302carcass searchtwice per week road and padscavengedyes09/10/2021chimney swift56414carcass search3-day 90-m cleared plotscavengedyes09/10/2021philadelphia vireo42315carcass search3-day 90-m cleared plotscavengedyes09/10/2021red-breasted nuthatch29311carcass search3-day 90-m cleared plotscavengedyes09/10/2021red-eyed vireo56411carcass search3-day 90-m cleared plotintactyes09/10/2021unidentified small bird74238carcass search3-day 90-m cleared plotscavengedyes09/11/2021unidentified kinglet31328carcass searchtwice per week 70-m uncleared plotscavengedyes09/12/2021horned lark37208carcass searchtwice per week 70-m uncleared plotscavengedyes09/12/2021horned lark3210carcass searchtwice per week 70-m uncleared plotscavengedyes09/12/2021horned lark3210carcass searchtwice per week 70-m uncleared plotscavengedyes09/13/2021bay-breasted warbler47 </td <td>09/09/2021</td> <td>horned lark</td> <td></td> <td>218</td> <td>carcass search</td> <td></td> <td>scavenged</td> <td>yes</td>	09/09/2021	horned lark		218	carcass search		scavenged	yes
09/09/2021 red-eyed vireo95412carcass searchtwice per week road and padscavengedno09/09/2021 unidentified passerine73302carcass searchtwice per week road and padscavengedyes09/10/2021 chimney swift56414carcass search3-day 90-m cleared plotintactyes09/10/2021 Philadelphia vireo42315carcass search3-day 90-m cleared plotscavengedyes09/10/2021 red-breasted nuthatch29311carcass searchtwice per week 70-m uncleared plotscavengedyes09/10/2021 red-eyed vireo56411carcass search3-day 90-m cleared plotintactyes09/10/2021 unidentified small bird74238carcass searchtwice per week 70-m uncleared plotscavengedyes09/12/2021 horned lark31328carcass searchtwice per week 70-m uncleared plotscavengedyes09/12/2021 horned lark3210carcass searchtwice per week 70-m uncleared plotscavengedyes09/12/2021 Tennessee warbler61302carcass searchtwice per week 70-m uncleared plotscavengedyes09/13/2021 bay-breasted warbler47321carcass searchtwice per week 70-m uncleared plotscavengedyes09/13/2021 bay-breasted warbler47321carcass searchtwice per week 70-m uncleared plotscavengedyes09/13/2021 bay-breasted warbler47321carcass searchtwice per week 70-m	09/09/2021	horned lark			incidental	3-day 90-m cleared plot	scavenged	yes
09/09/2021unidentified passerine73302carcass searchtwice per week 70-m cleared plotscavengedyes09/10/2021chimney swift56414carcass search3-day 90-m cleared plotintactyes09/10/2021Philadelphia vireo42315carcass searchtwice per week 70-m uncleared plotscavengedyes09/10/2021red-breasted nuthatch29311carcass searchtwice per week 70-m uncleared plotscavengedyes09/10/2021red-eyed vireo56411carcass search3-day 90-m cleared plotintactyes09/10/2021unidentified small bird74238carcass searchtwice per week 70-m cleared plotscavengedyes09/11/2021unidentified kinglet31328carcass searchtwice per week 70-m uncleared plotscavengedyes09/12/2021horned lark37208carcass searchtwice per week 70-m uncleared plotscavengedyes09/12/2021horned lark3210carcass searchtwice per week 70-m uncleared plotscavengedyes09/13/2021bay-breasted warbler61302carcass searchtwice per week 70-m uncleared plotscavengedyes09/13/2021bay-breasted warbler47321carcass searchtwice per week 70-m uncleared plotscavengedyes09/13/2021bay-breasted warbler47321carcass searchtwice per week 70-m uncleared plotscavenged <td< td=""><td></td><td></td><td></td><td></td><td>carcass search</td><td>· · · · ·</td><td>scavenged</td><td>yes</td></td<>					carcass search	· · · · ·	scavenged	yes
09/10/2021chimney swift56414carcass search3-day 90-m cleared plotintactyes09/10/2021Philadelphia vireo42315carcass searchtwice per week 70-m uncleared plotscavengedyes09/10/2021red-breasted nuthatch29311carcass searchtwice per week 70-m uncleared plotscavengedyes09/10/2021red-eyed vireo56411carcass search3-day 90-m cleared plotscavengedyes09/10/2021unidentified small bird74238carcass searchtwice per week 70-m cleared plotscavengedyes09/11/2021unidentified kinglet31328carcass searchtwice per week 70-m uncleared plotdismemberedyes09/12/2021horned lark37208carcass searchtwice per week 70-m uncleared plotscavengedyes09/12/2021horned lark3210carcass searchtwice per week 70-m uncleared plotdismemberedyes09/12/2021horned lark3210carcass searchtwice per week 70-m uncleared plotscavengedyes09/12/2021Tennessee warbler61302carcass searchtwice per week 70-m uncleared plotscavengedyes09/13/2021bay-breasted warbler47321carcass searchtwice per week 70-m uncleared plotscavengedyes09/13/2021bay-breasted warbler47321carcass searchtwice per week 70-m uncleared plotscavengedyes </td <td></td> <td></td> <td></td> <td></td> <td>carcass search</td> <td></td> <td>scavenged</td> <td>no</td>					carcass search		scavenged	no
09/10/2021Philadelphia vireo42315carcass searchtwice per week 70-m uncleared plotscavengedyes09/10/2021red-breasted nuthatch29311carcass searchtwice per week 70-m uncleared plotscavengedyes09/10/2021red-eyed vireo56411carcass search3-day 90-m cleared plotintactyes09/10/2021unidentified small bird74238carcass searchtwice per week 70-m cleared plotscavengedyes09/11/2021unidentified kinglet31328carcass searchtwice per week 70-m uncleared plotdismemberedyes09/12/2021horned lark37208carcass searchtwice per week 70-m uncleared plotscavengedyes09/12/2021horned lark3210carcass searchtwice per week 70-m uncleared plotdismemberedyes09/12/2021thorned lark3210carcass searchtwice per week 70-m uncleared plotscavengedyes09/13/2021bay-breasted warbler61302carcass searchtwice per week 70-m uncleared plotscavengedyes09/13/2021bay-breasted warbler47321carcass searchtwice per week 70-m uncleared plotscavengedyes09/13/2021bay-breasted warbler47321carcass searchtwice per week 70-m uncleared plotscavengedyes	09/09/2021	unidentified passerine			carcass search	twice per week 70-m cleared plot	scavenged	yes
09/10/2021 red-breasted nuthatch29311carcass searchtwice per week 70-m uncleared plotscavengedyes09/10/2021 red-eyed vireo56411carcass search3-day 90-m cleared plotintactyes09/10/2021 unidentified small bird74238carcass searchtwice per week 70-m cleared plotscavengedyes09/11/2021 unidentified kinglet31328carcass searchtwice per week 70-m uncleared plotdismemberedyes09/12/2021 horned lark37208carcass searchtwice per week 70-m uncleared plotscavengedyes09/12/2021 horned lark3210carcass searchtwice per week 70-m uncleared plotscavengedyes09/12/2021 Tennessee warbler61302carcass searchtwice per week 70-m cleared plotscavengedyes09/13/2021 bay-breasted warbler47321carcass searchtwice per week 70-m uncleared plotscavengedyes09/13/2021 bay-breasted warbler47321carcass searchtwice per week 70-m uncleared plotscavengedyes					carcass search			yes
09/10/2021 red-eyed vireo56411carcass search3-day 90-m cleared plotintactyes09/10/2021 unidentified small bird74238carcass searchtwice per week 70-m cleared plotscavengedyes09/11/2021 unidentified kinglet31328carcass searchtwice per week 70-m uncleared plotdismemberedyes09/12/2021 horned lark37208carcass searchtwice per week 70-m uncleared plotscavengedyes09/12/2021 horned lark3210carcass searchtwice per week 70-m uncleared plotscavengedyes09/12/2021 Tennessee warbler61302carcass searchtwice per week 70-m cleared plotscavengedyes09/13/2021 bay-breasted warbler47321carcass searchtwice per week 70-m uncleared plotscavengedyes		•			carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/10/2021 unidentified small bird74238carcass searchtwice per week 70-m cleared plotscavengedyes09/11/2021 unidentified kinglet31328carcass searchtwice per week 70-m uncleared plotdismemberedyes09/12/2021 horned lark37208carcass searchtwice per week 70-m uncleared plotscavengedyes09/12/2021 horned lark3210carcass searchtwice per week 70-m uncleared plotscavengedyes09/12/2021 Tennessee warbler61302carcass searchtwice per week 70-m cleared plotscavengedyes09/13/2021 bay-breasted warbler47321carcass searchtwice per week 70-m uncleared plotscavengedyes	09/10/2021	red-breasted nuthatch			carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/11/2021 unidentified kinglet31328carcass searchtwice per week 70-m uncleared plotdismemberedyes09/12/2021 horned lark37208carcass searchtwice per week 70-m uncleared plotscavengedyes09/12/2021 horned lark3210carcass searchtwice per week 70-m uncleared plotdismemberedyes09/12/2021 Tennessee warbler61302carcass searchtwice per week 70-m cleared plotscavengedyes09/13/2021 bay-breasted warbler47321carcass searchtwice per week 70-m uncleared plotscavengedyes	09/10/2021	red-eyed vireo	56		carcass search	3-day 90-m cleared plot	intact	yes
09/12/2021 horned lark37208carcass searchtwice per week 70-m uncleared plotscavengedyes09/12/2021 horned lark3210carcass searchtwice per week 70-m uncleared plotdismemberedyes09/12/2021 Tennessee warbler61302carcass searchtwice per week 70-m cleared plotscavengedyes09/13/2021 bay-breasted warbler47321carcass searchtwice per week 70-m uncleared plotscavengedyes	09/10/2021	unidentified small bird	74	238	carcass search	twice per week 70-m cleared plot	scavenged	yes
09/12/2021 horned lark3210carcass searchtwice per week 70-m uncleared plotdismemberedyes09/12/2021 Tennessee warbler61302carcass searchtwice per week 70-m cleared plotscavengedyes09/13/2021 bay-breasted warbler47321carcass searchtwice per week 70-m uncleared plotscavengedyes	09/11/2021	unidentified kinglet	31	328	carcass search	twice per week 70-m uncleared plot	dismembered	yes
09/12/2021 Tennessee warbler61302carcass searchtwice per week 70-m cleared plotscavengedyes09/13/2021 bay-breasted warbler47321carcass searchtwice per week 70-m uncleared plotscavengedyes	09/12/2021	horned lark	37		carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/13/2021 bay-breasted warbler 47 321 carcass search twice per week 70-m uncleared plot scavenged yes	09/12/2021	horned lark	-		carcass search	twice per week 70-m uncleared plot	dismembered	yes
	09/12/2021	Tennessee warbler	61	302	carcass search	twice per week 70-m cleared plot	scavenged	yes
09/13/2021 European starling 9 420 carcass search 3-day 90-m cleared plot intact yes	09/13/2021	bay-breasted warbler	47	321	carcass search	twice per week 70-m uncleared plot	scavenged	yes
	09/13/2021	European starling	9	420	carcass search	3-day 90-m cleared plot	intact	•

Appendix A. Carcasses found at the Timber Road Wind Farm, Paulding County, Ohio, from April 1 – May 15 and August 1 – October 16, 2021.

•	Found	-	Distance				Physical	Aided
09/13/2021red-eyed vireo34424carcass search3-day 90-m cleared plotscavengedyes09/13/2021unidentified vireo82238carcass search3-day 90-m cleared plotscavengedyes09/13/2021yellow-billed cuckoo64241carcass searchtwice per week 70-m uncleared plotscavengedyes09/13/2021turkey vulture23331carcass searchtwice per week 70-m uncleared plotscavengedyes09/14/2021turkey vulture15332carcass searchtwice per week 70-m uncleared plotscavengedyes09/15/2021horned lark73208carcass searchtwice per week 70-m uncleared plotscavengedyes09/16/2021horned lark94211carcass searchtwice per week 70-m uncleared plotscavengedyes09/16/2021horned lark94211carcass searchtwice per week 70-m uncleared plotscavengedyes09/16/2021horned lark94211carcass searchtwice per week 70-m uncleared plotscavengedyes09/16/2021magnolia warbler64209carcass searchtwice per week 70-m uncleared plotscavengedyes09/16/2021magnolia warbler64209carcass searchtwice per week 70-m uncleared plotscavengedyes09/16/2021magnolia warbler64209carcass searchtwice per week 70-m uncleared plotscavengedyes09/16/20	Date	Species	from Turbine	Turbine	Search Type	Search Area Type		Search
09/13/2021unidentified small bird72415carcass search carcass search3-day 90-m cleared plot scavenged pot scavenged yes09/13/2021horned lark67239carcass search carcass searchtwice per week 70-m uncleared plot scavenged yes09/14/2021horned lark67239carcass searchtwice per week 70-m uncleared plot scavenged yes09/14/2021turkey vulture15332carcass searchtwice per week 70-m uncleared plot scavenged yes09/15/2021turkey vulture15332carcass searchtwice per week 70-m uncleared plot scavenged yes09/16/2021horned lark73208carcass searchtwice per week 70-m uncleared plot scavenged yes09/16/2021horned lark5210carcass searchtwice per week 70-m uncleared plot scavenged yes09/16/2021horned lark68424carcass searchtwice per week 70-m uncleared plot scavenged yes09/16/2021horned lark64209carcass search3-day 90-m cleared plot scavenged yes09/16/2021march and bard64209carcass search3-day 90-m cleared plot scavenged yes09/16/2021red-syed vireo30407 carcass search3-day 90-m cleared plot scavenged yes09/16/2021red-syed vireo30407 carcass search3-day 90-m cleared plot scavenged yes09/16/2021hardwarbler74401 carcass search3-day 90-m cleared plot scavenged yes09/17/2021<	09/13/2021	horned lark		431	carcass search	3-day 90-m cleared plot	scavenged	yes
09/13/2021unidentified vireo82238carcass searchtwice per week 70-m uncleared plotscavengedyes09/13/2021yellow-billed cuckoo64241carcass searchtwice per week 70-m uncleared plotscavengedyes09/14/2021turkey vulture23331carcass searchtwice per week 70-m uncleared plotscavengedyes09/14/2021turkey vulture15332carcass search3-day 90-m cleared plotscavengedyes09/15/2021red-breasted nuthatch57403carcass search3-day 90-m cleared plotscavengedyes09/16/2021horned lark73208carcass searchtwice per week 70-m uncleared plotscavengedyes09/16/2021horned lark94211carcass searchtwice per week 70-m uncleared plotscavengedyes09/16/2021horned lark64209carcass searchtwice per week 70-m uncleared plotscavengedyes09/16/2021magnolia warbler64209carcass searchtwice per week 70-m uncleared plotscavengedyes09/16/2021red-eyed vireo30407carcass searchtwice per week 70-m uncleared plotscavengedyes09/16/2021red-eyed vireo11321carcass searchtwice per week 70-m uncleared plotscavengedyes09/16/2021red-eyed vireo11321carcass searchtwice per week 70-m uncleared plotscavengedyes09			34	424	carcass search	3-day 90-m cleared plot	scavenged	yes
09/14/2021 09/14/2021 10/14/2021 10/14/2021vice per week 70-m uncleared plot twice per week 70-m uncleared plot scavenged yes09/14/2021 09/14/2021 10/14/202	09/13/2021	unidentified small bird		415	carcass search	3-day 90-m cleared plot	scavenged	yes
09/14/2021horned lark67239carcass searchtwice per week 70-m uncleared plotscavengedyes09/14/2021turkey vulture15331carcass searchtwice per week 70-m uncleared plotscavengedyes09/14/2021turkey vulture15332carcass search3-day 90-m cleared plotscavengedyes09/16/2021horned lark5210carcass searchtwice per week 70-m uncleared plotscavengedyes09/16/2021horned lark5210carcass searchtwice per week 70-m uncleared plotscavengedyes09/16/2021horned lark64209carcass searchtwice per week 70-m uncleared plotscavengedyes09/16/2021magnolia warbler64209carcass searchtwice per week 70-m uncleared plotscavengedyes09/16/2021red-eyed vireo35340carcass searchtwice per week r0-m uncleared plotscavengedyes09/16/2021red-eyed vireo35340carcass searchtwice per week r0-m uncleared plotscavengedyes09/17/2021red-eyed vireo11321carcass searchtwice per week 70-m uncleared plotscavengedyes09/18/2021horned lark67239carcass searchtwice per week 70-m uncleared plotscavengedyes09/18/2021horned lark67239carcass searchtwice per week 70-m uncleared plotscavengedyes09/18/2021	09/13/2021	unidentified vireo		238	carcass search	twice per week 70-m cleared plot	scavenged	yes
09/14/2021turkey vulture23331carcass searchtwice per week 70-m uncleared plotscavengedyes09/14/2021turkey vulture15332carcass searchsday 00-m cleared plotscavengedyes09/15/2021horned lark73208carcass searchsday 00-m cleared plotscavengedyes09/16/2021horned lark5210carcass searchtwice per week 70-m uncleared plotscavengedyes09/16/2021horned lark94211carcass searchtwice per week 70-m uncleared plotscavengedyes09/16/2021horned lark68424carcass searchtwice per week 70-m uncleared plotscavengedyes09/16/2021magnolia warbler64209carcass searchtwice per week 70-m uncleared plotscavengedyes09/16/2021red-eyed vireo35340carcass searchtwice per week 70-m uncleared plotscavengedyes09/16/2021red-eyed vireo30407carcass searchtwice per week 70-m uncleared plotscavengedyes09/17/2021red-eyed vireo11321carcass searchtwice per week 70-m uncleared plotscavengedyes09/18/2021blackpoll warbler74401carcass searchtwice per week 70-m cleared plotscavengedyes09/18/2021loachpoll warbler65239carcass searchtwice per week 70-m cleared plotscavengedyes09/18/2021loac	09/13/2021	yellow-billed cuckoo	64	241	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/14/2021 turkeý vulture15332carcass searchtwice per week 70-m uncleared plotscavengedyes09/15/2021 red-breasted nuthatch57403carcass searchs-day 90-m cleared plotscavengedyes09/16/2021 horned lark5210carcass searchs-day 90-m cleared plotscavengedyes09/16/2021 horned lark94211carcass searchs-day 90-m cleared plotscavengedyes09/16/2021 horned lark64209carcass searchs-day 90-m cleared plotscavengedyes09/16/2021 magnolia warbler64209carcass searchs-day 90-m cleared plotscavengedyes09/16/2021 red-eyed vireo35340carcass searchs-day 90-m cleared plotscavengedyes09/16/2021 red-eyed vireo30407carcass search3-day 90-m cleared plotdismemberedno09/16/2021 red-eyed vireo30407carcass searchtwice per week 70-m uncleared plotdismemberedyes09/17/2021 Nashville warbler29243carcass searchtwice per week 70-m cleared plotscavengedyes09/18/2021 blackpoll warbler67239carcass searchtwice per week 70-m uncleared plotscavengedyes09/18/2021 unidentified small bird44342carcass searchtwice per week 70-m uncleared plotscavengedyes09/18/2021 unidentified vireo72338carcass searchtwice per week 70-m uncleared plotscavengedyes	09/14/2021	horned lark	67	239	carcass search	twice per week 70-m cleared plot	scavenged	yes
09/15/2021red-breasted nuthatch57403carcass search3-day 90-m cleared plotscavengedyes09/16/2021horned lark73208carcass searchtwice per week 70-m uncleared plotscavengedyes09/16/2021horned lark94211carcass searchtwice per week 70-m uncleared plotscavengedyes09/16/2021horned lark64209carcass search3-day 90-m cleared plotscavengedyes09/16/2021magnolia warbler64209carcass search3-day 90-m cleared plotscavengedyes09/16/2021red-eyed vireo35340carcass searchtwice per week 70-m uncleared plotscavengedyes09/16/2021red-eyed vireo30407carcass searchtwice per week road and paddismemberedno09/17/2021horned lark67239carcass searchtwice per week 70-m uncleared plotscavengedyes09/18/2021backplu warbler74401carcass searchtwice per week 70-m uncleared plotscavengedyes09/18/2021backplu warbler65239carcass searchtwice per week 70-m uncleared plotscavengedyes09/18/2021backplu warbler68401carcass search3-day 90-m cleared plotscavengedyes09/18/2021unidentified small bird44342carcass searchtwice per week 70-m uncleared plotscavengedyes09/18/2021unidentified	09/14/2021	turkey vulture			carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/16/2021 horned lark73208carcass searchtwice per week 70-m uncleared plotscavengedyes09/16/2021 horned lark94211carcass searchtwice per week 70-m uncleared plotscavengedyes09/16/2021 horned lark68424carcass searchtwice per week 70-m uncleared plotscavengedyes09/16/2021 marsh wren50424carcass searchtwice per week 70-m uncleared plotscavengedyes09/16/2021 red-eyed vireo35340carcass searchtwice per week 70-m uncleared plotscavengedyes09/16/2021 red-eyed vireo30407carcass searchtwice per week road and paddismemberedno09/17/2021 Nashville warbler29243carcass search3-day 90-m cleared plotintactyes09/18/2021 backpoll warbler74401carcass search3-day 90-m cleared plotscavengedyes09/18/2021 backpoll warbler65239carcass searchtwice per week 70-m uncleared plotscavengedyes09/18/2021 unidentified vireo7238carcass searchtwice per week 70-m uncleared plotscavengedyes09/18/2021 unidentified vireo7238carcass searchtwice per week 70-m uncleared plotscavengedyes09/18/2021 unidentified vireo7238carcass searchtwice per week 70-m uncleared plotscavengedyes09/18/2021 unidentified vireo28339carcass searchtwice per week 70-m uncleared					carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/16/2021 horned lark5210carcass searchtwice per week 70-m uncleared plotscavengedyes09/16/2021 horned lark68424carcass search3-day 90-m cleared plotscavengedyes09/16/2021 magnolia warbler64209carcass search3-day 90-m cleared plotscavengedyes09/16/2021 magnolia warbler50424carcass search3-day 90-m cleared plotscavengedyes09/16/2021 red-eyed vireo35340carcass search3-day 90-m cleared plotscavengedyes09/17/2021 red-eyed vireo30407carcass search3-day 90-m cleared plotdismemberedno09/17/2021 red-eyed vireo11321carcass searchtwice per week road and padintactno09/18/2021 bay-breasted warbler74401carcass searchtwice per week 70-m uncleared plotscavengedyes09/18/2021 blackpoll warbler65239carcass searchtwice per week 70-m cleared plotscavengedyes09/18/2021 norned lark67239carcass searchtwice per week 70-m uncleared plotscavengedyes09/18/2021 unidentified vireo72338carcass searchtwice per week 70-m uncleared plotscavengedyes09/18/2021 unidentified vireo28339carcass searchtwice per week 70-m uncleared plotscavengedyes09/18/2021 unidentified vireo72338carcass searchtwice per week 70-m uncleared plotscavenged<	09/15/2021	red-breasted nuthatch			carcass search	3-day 90-m cleared plot	scavenged	yes
09/16/2021horned lark94211carcass searchtwice per week 70-m uncleared plotscavengedyes09/16/2021magnolia warbler64209carcass search3-day 90-m cleared plotscavengedyes09/16/2021marsh wren50424carcass search3-day 90-m cleared plotscavengedyes09/16/2021red-eyed vireo35340carcass search3-day 90-m cleared plotscavengedyes09/16/2021red-eyed vireo30407carcass search3-day 90-m cleared plotdismemberedno09/17/2021red-eyed vireo30407carcass searchtwice per week road and paddismemberedno09/17/2021bas/bile warbler29243carcass searchtwice per week 70-m uncleared plotscavengedyes09/18/2021bas/bile warbler74401carcass search3-day 90-m cleared plotscavengedyes09/18/2021bas/bile warbler65239carcass searchtwice per week 70-m uncleared plotscavengedyes09/18/2021unidentified small bird44342carcass search3-day 90-m cleared plotscavengedyes09/18/2021unidentified vireo72338carcass searchtwice per week 70-m uncleared plotscavengedyes09/18/2021unidentified vireo72338carcass search3-day 90-m cleared plotscavengedyes09/18/2021unidentified vireo72<	09/16/2021	horned lark	73		carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/16/2021horned lark68424carcass search3-day 90-m cleared plotscavengedyes09/16/2021magnolia warbler64209carcass search3-day 90-m cleared plotscavengedyes09/16/2021marsh wren50424carcass search3-day 90-m cleared plotscavengedyes09/16/2021red-eyed vireo35440carcass search3-day 90-m cleared plotdismemberedno09/16/2021red-eyed vireo30407carcass search3-day 90-m cleared plotdismemberedyes09/17/2021Nashville warbler29243carcass search3-day 90-m cleared plotscavengedyes09/18/2021bay-breasted warbler74401carcass searchtwice per week 70-m uncleared plotscavengedyes09/18/2021bay-breasted warbler65239carcass searchtwice per week 70-m cleared plotscavengedyes09/18/2021noned lark67239carcass searchtwice per week 70-m uncleared plotscavengedyes09/18/2021unidentified small bird44342carcass searchtwice per week 70-m uncleared plotscavengedyes09/18/2021unidentified vireo72338carcass searchtwice per week 70-m uncleared plotscavengedyes09/18/2021unidentified vireo52338carcass searchtwice per week 70-m uncleared plotscavengedyes09/18/2021unidentified	09/16/2021	horned lark	5		carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/16/2021magnolia warbler64209carcass searchtwice per week 70-m uncleared plotscavengedyes09/16/2021red-eyed vireo35340carcass search3-day 90-m cleared plotscavengedyes09/16/2021red-eyed vireo30407carcass search3-day 90-m cleared plotdismemberedno09/17/2021red-eyed vireo11321carcass search3-day 90-m cleared plotintactyes09/18/2021bay-breasted warbler74401carcass search3-day 90-m cleared plotscavengedyes09/18/2021bay-breasted warbler65239carcass search3-day 90-m cleared plotscavengedyes09/18/2021horned lark67239carcass search3-day 90-m cleared plotscavengedyes09/18/2021unidentified small bird44342carcass search3-day 90-m cleared plotscavengedyes09/18/2021unidentified vireo72338carcass search3-day 90-m uncleared plotscavengedyes09/18/2021unidentified vireo28339carcass search3-day 90-m uncleared plotscavengedyes09/18/2021unidentified vireo28339carcass search3-day 90-m cleared plotscavengedyes09/18/2021unidentified vireo28339carcass search3-day 90-m cleared plotscavengedyes09/18/2021unidentified vireo28339carc			-		carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/16/2021 marsh wren50424carcass search3-day 90-m cleared plotscavengedyes09/16/2021 red-eyed vireo35340carcass searchtwice per week road and paddismemberedno09/17/2021 Nashville warbler29243carcass search3-day 90-m cleared plotintactno09/17/2021 Nashville warbler29243carcass searchtwice per week road and padintactno09/17/2021 bay-breasted warbler74401carcass search3-day 90-m cleared plotscavengedyes09/18/2021 bay-breasted warbler65239carcass search3-day 90-m cleared plotscavengedyes09/18/2021 unidentified vireo68401carcass search3-day 90-m cleared plotscavengedyes09/18/2021 unidentified vireo72338carcass searchtwice per week 70-m uncleared plotscavengedyes09/18/2021 unidentified vireo28339carcass searchtwice per week 70-m uncleared plotscavengedyes09/18/2021 unidentified vireo28338carcass searchtwice per week 70-m uncleared plotscavengedyes09/19/2021 black-throated green warbler88423carcass searchtwice per week 70-m uncleared plotscavengedyes09/19/2021 horned lark30211carcass search3-day 90-m cleared plotscavengedyes09/19/2021 horned lark30211carcass search3-day 90-m cleared plotscavengedyes </td <td>09/16/2021</td> <td>horned lark</td> <td>68</td> <td></td> <td>carcass search</td> <td></td> <td></td> <td>yes</td>	09/16/2021	horned lark	68		carcass search			yes
09/16/2021red-eyed vireo35340carcass searchtwice per week road and paddismemberedno09/16/2021red-eyed vireo30407carcass search3-day 90-m cleared plotdismemberedyes09/17/2021Nashville warbler29243carcass searchtwice per week road and padintactno09/18/2021bay-breasted warbler74401carcass searchtwice per week 70-m uncleared plotscavengedyes09/18/2021bay-breasted warbler65239carcass searchtwice per week 70-m cleared plotscavengedyes09/18/2021horned lark67239carcass searchtwice per week 70-m uncleared plotscavengedyes09/18/2021unidentified small bird44342carcass search3-day 90-m cleared plotscavengedyes09/18/2021unidentified vireo72338carcass searchtwice per week 70-m uncleared plotscavengedyes09/18/2021unidentified vireo72338carcass searchtwice per week 70-m uncleared plotscavengedyes09/18/2021unidentified vireo52338carcass searchtwice per week 70-m uncleared plotscavengedyes09/18/2021bildk-throated green warbler88423carcass search3-day 90-m cleared plotscavengedyes09/19/2021chinney swift28411carcass search3-day 90-m cleared plotscavengedyes09/19					carcass search		scavenged	yes
09/16/2021red-eyed vireo30407carcass search3-day 90-m cleared plotdismemberedyes09/17/2021Nashville warbler29243carcass searchtwice per week road and padintactno09/17/2021red-eyed vireo11321carcass searchtwice per week road and padintactyes09/18/2021bay-breasted warbler74401carcass search3-day 90-m cleared plotscavengedyes09/18/2021bay-breasted warbler65239carcass searchtwice per week 70-m cleared plotscavengedyes09/18/2021nored lark67239carcass searchtwice per week 70-m cleared plotscavengedyes09/18/2021unidentified small bird44342carcass searchtwice per week 70-m uncleared plotscavengedyes09/18/2021unidentified vireo72338carcass searchtwice per week 70-m uncleared plotscavengedyes09/18/2021unidentified vireo28339carcass searchtwice per week 70-m uncleared plotscavengedyes09/18/2021unidentified vireo52338carcass searchtwice per week 70-m uncleared plotscavengedyes09/18/2021billed cuckoo52338carcass searchtwice per week 70-m uncleared plotscavengedyes09/19/2021billed cuckoo52338carcass search3-day 90-m cleared plotscavengedyes09/19/2021<	09/16/2021	marsh wren			carcass search	3-day 90-m cleared plot	scavenged	yes
09/17/2021Nashville warbler29243carcass searchtwice per week road and padintactno09/17/2021red-eyed vireo11321carcass searchtwice per week road and padintactyes09/18/2021bay-breasted warbler74401carcass search3-day 90-m cleared plotscavengedyes09/18/2021backpoll warbler65239carcass search3-day 90-m cleared plotscavengedyes09/18/2021magnolia warbler68401carcass search3-day 90-m cleared plotscavengedyes09/18/2021unidentified small bird44342carcass search3-day 90-m cleared plotscavengedyes09/18/2021unidentified vireo72338carcass searchtwice per week 70-m uncleared plotscavengedyes09/18/2021unidentified vireo28339carcass searchtwice per week 70-m uncleared plotscavengedyes09/18/2021upidentified vireo52338carcass searchtwice per week 70-m uncleared plotscavengedyes09/19/2021black-throated green warbler88423carcass search3-day 90-m cleared plotscavengedyes09/19/2021borned lark30211carcass search3-day 90-m cleared plotscavengedyes09/19/2021horned lark30211carcass search3-day 90-m cleared plotscavengedyes09/19/2021horned lark29	09/16/2021	red-eyed vireo			carcass search	twice per week road and pad	dismembered	no
09/17/2021 red-eyed vireo11321carcass searchtwice per week 70-m uncleared plotintactyes09/18/2021 bay-breasted warbler74401carcass search3-day 90-m cleared plotscavengedyes09/18/2021 blackpoll warbler65239carcass searchtwice per week 70-m cleared plotscavengedyes09/18/2021 magnolia warbler68401carcass search3-day 90-m cleared plotscavengedyes09/18/2021 unidentified small bird44342carcass search3-day 90-m cleared plotscavengedyes09/18/2021 unidentified vireo72338carcass searchtwice per week 70-m uncleared plotscavengedyes09/18/2021 yellow-billed cuckoo52338carcass searchtwice per week 70-m uncleared plotscavengedyes09/19/2021 black-throated green warbler88423carcass search3-day 90-m cleared plotscavengedyes09/19/2021 horned lark30211carcass search3-day 90-m cleared plotscavengedyes09/19/2021 horned lark56414carcass search3-day 90-m cleared plotscavengedyes <td< td=""><td></td><td></td><td></td><td></td><td>carcass search</td><td></td><td>dismembered</td><td>yes</td></td<>					carcass search		dismembered	yes
09/18/2021 bay-breasted warbler74401carcass search3-day 90-m cleared plotscavengedyes09/18/2021 blackpoll warbler65239carcass searchtwice per week 70-m cleared plotscavengedyes09/18/2021 magnolia warbler68401carcass search3-day 90-m cleared plotscavengedyes09/18/2021 unidentified small bird44342carcass search3-day 90-m cleared plotscavengedyes09/18/2021 unidentified vireo72338carcass search3-day 90-m cleared plotscavengedyes09/18/2021 unidentified vireo28339carcass searchtwice per week 70-m uncleared plotscavengedyes09/18/2021 black-throated green warbler88423carcass search3-day 90-m cleared plotscavengedyes09/19/2021 chimney swift28411carcass search3-day 90-m cleared plotscavengedyes09/19/2021 horned lark30211carcass search3-day 90-m cleared plotscavengedyes09/19/2021 horned lark56414carcass search3-day 90-m cleared plotintactyes09/19/2021 horned lark29423carcass search3-day 90-m cleared plotscavengedyes09/19/2021 unidentified blackbird91420carcass search3-day 90-m cleared plotintactyes09/21/2021 trikey vulture19332carcass search3-day 90-m cleared plotistactyes09/21/2021 trike			29		carcass search	twice per week road and pad	intact	no
09/18/2021blackpoll warbler65239carcass searchtwice per week 70-m cleared plotscavengedyes09/18/2021magnolia warbler68401carcass search3-day 90-m cleared plotscavengedyes09/18/2021unidentified small bird44342carcass search3-day 90-m cleared plotscavengedyes09/18/2021unidentified vireo72338carcass searchtwice per week 70-m uncleared plotscavengedyes09/18/2021unidentified vireo28339carcass searchtwice per week 70-m uncleared plotscavengedyes09/18/2021unidentified vireo28339carcass searchtwice per week 70-m uncleared plotscavengedyes09/18/2021black-throated green warbler88423carcass search3-day 90-m cleared plotscavengedyes09/19/2021black-throated green warbler88423carcass search3-day 90-m cleared plotscavengedyes09/19/2021horned lark30211carcass search3-day 90-m cleared plotscavengedyes09/19/2021horned lark29423carcass search3-day 90-m cleared plotscavengedyes09/19/2021horned lark29423carcass search3-day 90-m cleared plotscavengedyes09/19/2021horned lark29423carcass search3-day 90-m cleared plotscavengedyes09/19/2021horned lark <td< td=""><td></td><td></td><td></td><td></td><td>carcass search</td><td></td><td>intact</td><td>yes</td></td<>					carcass search		intact	yes
09/18/2021 horned lark67239carcass searchtwice per week 70-m cleared plotfeather spotyes09/18/2021 magnolia warbler68401carcass search3-day 90-m cleared plotscavengedyes09/18/2021 unidentified small bird44342carcass searchtwice per week 70-m uncleared plotscavengedyes09/18/2021 unidentified vireo72338carcass searchtwice per week 70-m uncleared plotscavengedyes09/18/2021 unidentified vireo28339carcass searchtwice per week 70-m uncleared plotscavengedyes09/18/2021 yellow-billed cuckoo52338carcass searchtwice per week 70-m uncleared plotscavengedyes09/19/2021 black-throated green warbler88423carcass search3-day 90-m cleared plotscavengedyes09/19/2021 horned lark30211carcass search3-day 90-m cleared plotscavengedyes09/19/2021 horned lark56414carcass search3-day 90-m cleared plotintactyes09/19/2021 horned lark29423carcass search3-day 90-m cleared plotdismemberedyes09/19/2021 unidentified blackbird91420carcass search3-day 90-m cleared plotscavengedyes09/21/2021 tree swallow60339carcass search3-day 90-m cleared plotscavengedyes09/21/2021 turkey vulture19332carcass searchtwice per week 70-m uncleared plotscaveng				-	carcass search			yes
09/18/2021magnolia warbler68401carcass search3-day 90-m cleared plotscavengedyes09/18/2021unidentified small bird44342carcass searchtwice per week 70-m uncleared plotscavengedyes09/18/2021unidentified vireo72338carcass searchtwice per week 70-m uncleared plotscavengedyes09/18/2021unidentified vireo28339carcass searchtwice per week 70-m uncleared plotscavengedyes09/18/2021yellow-billed cuckoo52338carcass searchtwice per week 70-m uncleared plotscavengedyes09/19/2021black-throated green warbler88423carcass search3-day 90-m cleared plotscavengedyes09/19/2021horned lark30211carcass search3-day 90-m cleared plotscavengedyes09/19/2021horned lark56414carcass search3-day 90-m cleared plotscavengedyes09/19/2021horned lark29423carcass search3-day 90-m cleared plotintactyes09/19/2021unidentified blackbird91420carcass search3-day 90-m cleared plotscavengedyes09/21/2021turee swallow60339carcass search3-day 90-m cleared plotscavengedyes09/21/2021turkey vulture19332carcass searchtwice per week 70-m uncleared plotscavengedyes		•			carcass search		scavenged	yes
09/18/2021 unidentified small bird44342carcass searchtwice per week 70-m uncleared plotscavengedyes09/18/2021 unidentified vireo72338carcass searchtwice per week 70-m uncleared plotscavengedyes09/18/2021 unidentified vireo28339carcass searchtwice per week 70-m uncleared plotscavengedyes09/18/2021 yellow-billed cuckoo52338carcass searchtwice per week 70-m uncleared plotscavengedyes09/19/2021 black-throated green warbler88423carcass search3-day 90-m cleared plotscavengedyes09/19/2021 horned lark30211carcass search3-day 90-m cleared plotscavengedyes09/19/2021 horned lark56414carcass search3-day 90-m cleared plotscavengedyes09/19/2021 horned lark29423carcass search3-day 90-m cleared plotintactyes09/19/2021 unidentified blackbird91420carcass search3-day 90-m cleared plotscavengedyes09/21/2021 turkey vulture19332carcass search3-day 90-m cleared plotscavengedyestwice per week 70-m uncleared plotscavengedyesyesyesyes09/19/2021 horned lark56414carcass search3-day 90-m cleared plotscavengedyes09/21/2021 turkey vulture91420carcass search3-day 90-m cleared plotscavengedyes09/21/2021 turkey vulture<	09/18/2021	horned lark	67	239	carcass search	twice per week 70-m cleared plot	feather spot	yes
09/18/2021unidentified vireo72338carcass searchtwice per week 70-m uncleared plotscavengedyes09/18/2021yellow-billed cuckoo52338carcass searchtwice per week 70-m uncleared plotscavengedyes09/19/2021black-throated green warbler88423carcass search3-day 90-m cleared plotscavengedyes09/19/2021chimney swift28411carcass search3-day 90-m cleared plotscavengedyes09/19/2021horned lark30211carcass search3-day 90-m cleared plotscavengedyes09/19/2021horned lark56414carcass search3-day 90-m cleared plotintactyes09/19/2021horned lark29423carcass search3-day 90-m cleared plotintactyes09/19/2021unidentified blackbird91420carcass search3-day 90-m cleared plotscavengedyes09/21/2021tree swallow60339carcass search3-day 90-m cleared plotscavengedyes09/21/2021turkey vulture19332carcass search3-day 90-m cleared plotintactyestwice per week 70-m uncleared plotscavengedyesyesyesyesyes09/19/2021unidentified blackbird91420carcass searchyesyesyesyes09/21/2021turkey vulture19332carcass searchyesyesyes	09/18/2021	magnolia warbler	68	401	carcass search	3-day 90-m cleared plot	scavenged	yes
09/18/2021 unidentified vireo28339carcass searchtwice per week 70-m uncleared plotscavengedyes09/18/2021 yellow-billed cuckoo52338carcass searchtwice per week 70-m uncleared plotscavengedyes09/19/2021 black-throated green warbler88423carcass search3-day 90-m cleared plotscavengedyes09/19/2021 chimney swift28411carcass search3-day 90-m cleared plotscavengedyes09/19/2021 horned lark30211carcass search3-day 90-m cleared plotscavengedyes09/19/2021 horned lark56414carcass search3-day 90-m cleared plotintactyes09/19/2021 horned lark29423carcass search3-day 90-m cleared plotintactyes09/19/2021 unidentified blackbird91420carcass search3-day 90-m cleared plotscavengedyes09/21/2021 tree swallow60339carcass search3-day 90-m cleared plotscavengedyes09/21/2021 turkey vulture19332carcass searchtwice per week 70-m uncleared plotscavengedyes	09/18/2021	unidentified small bird			carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/18/2021 yellow-billed cuckoo52338carcass searchtwice per week 70-m uncleared plotscavengedyes09/19/2021 black-throated green warbler88423carcass search3-day 90-m cleared plotscavengedyes09/19/2021 chimney swift28411carcass search3-day 90-m cleared plotscavengedyes09/19/2021 horned lark30211carcass search3-day 90-m cleared plotscavengedyes09/19/2021 horned lark30211carcass search3-day 90-m cleared plotscavengedyes09/19/2021 horned lark56414carcass search3-day 90-m cleared plotintactyes09/19/2021 horned lark29423carcass search3-day 90-m cleared plotintactyes09/19/2021 unidentified blackbird91420carcass search3-day 90-m cleared plotscavengedyes09/21/2021 tree swallow60339carcass search3-day 90-m cleared plotscavengedyes09/21/2021 turkey vulture19332carcass search3-day 90-m cleared plotintactyesvice per week 70-m uncleared plotintactyesyesyesyesyes09/21/2021 turkey vulture19332carcass searchtwice per week 70-m uncleared plotscavengedyes					carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/19/2021black-throated green warbler88423carcass search3-day 90-m cleared plotscavengedyes09/19/2021chimney swift28411carcass search3-day 90-m cleared plotscavengedyes09/19/2021horned lark30211carcass search3-day 90-m cleared plotscavengedyes09/19/2021horned lark56414carcass search3-day 90-m cleared plotscavengedyes09/19/2021horned lark56414carcass search3-day 90-m cleared plotintactyes09/19/2021horned lark29423carcass search3-day 90-m cleared plotdismemberedyes09/19/2021unidentified blackbird91420carcass search3-day 90-m cleared plotscavengedyes09/21/2021tree swallow60339carcass search3-day 90-m cleared plotintactyes09/21/2021turkey vulture19332carcass searchtwice per week 70-m uncleared plotscavengedyes					carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/19/2021 chimney swift28411carcass search3-day 90-m cleared plotscavengedyes09/19/2021 horned lark30211carcass searchtwice per week 70-m uncleared plotscavengedyes09/19/2021 horned lark56414carcass search3-day 90-m cleared plotintactyes09/19/2021 horned lark29423carcass search3-day 90-m cleared plotdismemberedyes09/19/2021 unidentified blackbird91420carcass search3-day 90-m cleared plotscavengedyes09/21/2021 tree swallow60339carcass search3-day 90-m cleared plotintactyes09/21/2021 turkey vulture19332carcass searchtwice per week 70-m uncleared plotscavengedyes	09/18/2021	yellow-billed cuckoo			carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/19/2021 horned lark30211carcass searchtwice per week 70-m uncleared plotscavengedyes09/19/2021 horned lark56414carcass search3-day 90-m cleared plotintactyes09/19/2021 horned lark29423carcass search3-day 90-m cleared plotdismembered yes09/19/2021 unidentified blackbird91420carcass search3-day 90-m cleared plotscavenged09/21/2021 tree swallow60339carcass search3-day 90-m cleared plotscavenged09/21/2021 turkey vulture19332carcass searchtwice per week 70-m uncleared plotintactvesv	09/19/2021	black-throated green warbler	88	423	carcass search	3-day 90-m cleared plot	scavenged	yes
09/19/2021 horned lark56414carcass search3-day 90-m cleared plotintactyes09/19/2021 horned lark29423carcass search3-day 90-m cleared plotdismembered yes09/19/2021 unidentified blackbird91420carcass search3-day 90-m cleared plotscavenged yes09/21/2021 tree swallow60339carcass searchtwice per week 70-m uncleared plotintactyes09/21/2021 turkey vulture19332carcass searchtwice per week 70-m uncleared plotscavenged yes	09/19/2021	chimney swift	28		carcass search	3-day 90-m cleared plot	scavenged	yes
09/19/2021 horned lark29423carcass search3-day 90-m cleared plotdismemberedyes09/19/2021 unidentified blackbird91420carcass search3-day 90-m cleared plotscavengedyes09/21/2021 tree swallow60339carcass searchtwice per week 70-m uncleared plotintactyes09/21/2021 turkey vulture19332carcass searchtwice per week 70-m uncleared plotscavengedyes	09/19/2021	horned lark			carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/19/2021 unidentified blackbird91420carcass search3-day 90-m cleared plotscavengedyes09/21/2021 tree swallow60339carcass searchtwice per week 70-m uncleared plotintactyes09/21/2021 turkey vulture19332carcass searchtwice per week 70-m uncleared plotscavengedyes	09/19/2021	horned lark		414	carcass search	3-day 90-m cleared plot	intact	yes
09/21/2021 tree swallow60339carcass searchtwice per week 70-m uncleared plot intactyes09/21/2021 turkey vulture19332carcass searchtwice per week 70-m uncleared plot scavengedyes	09/19/2021	horned lark	29		carcass search		dismembered	yes
09/21/2021 turkey vulture 19 332 carcass search twice per week 70-m uncleared plot scavenged yes	09/19/2021	unidentified blackbird	91		carcass search	3-day 90-m cleared plot	scavenged	yes
	09/21/2021	tree swallow	60		carcass search	twice per week 70-m uncleared plot	intact	yes
09/24/2021 golden-crowned kinglet 40 401 carcass search 3-day 90-m cleared plot scavenged yes	09/21/2021	turkey vulture	19	332	carcass search	twice per week 70-m uncleared plot	scavenged	yes
	09/24/2021	golden-crowned kinglet	40	401	carcass search	3-day 90-m cleared plot	scavenged	yes

Appendix A. Carcasses found at the Timber Road Wind Farm, Paulding County, Ohio, from April 1 – May 15 and August 1 – October 16, 2021.

Found	-	Distance	-	-		Physical	Aided
Date	Species	from Turbine	Turbine	Search Type	Search Area Type	Condition	Search
09/24/2021	unidentified small bird	26	231	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/24/2021	unidentified wren	64	241	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/25/2021	golden-crowned kinglet	60	410	carcass search	3-day 90-m cleared plot	scavenged	yes
09/25/2021	Philadelphia vireo	50	407	carcass search	3-day 90-m cleared plot	scavenged	yes
09/28/2021	Blackburnian warbler	69	424	carcass search	3-day 90-m cleared plot	scavenged	yes
09/28/2021	horned lark	32	338	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/28/2021	horned lark	81	423	carcass search	3-day 90-m cleared plot	scavenged	yes
09/28/2021	ruby-throated hummingbird	55	424	carcass search	3-day 90-m cleared plot	intact	yes
09/28/2021	turkey vulture	56	347	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/28/2021	turkey vulture	97	411	carcass search	3-day 90-m cleared plot	scavenged	yes
09/28/2021	unidentified small bird	45	347	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/28/2021	unidentified wren	89	411	carcass search	3-day 90-m cleared plot	scavenged	yes
09/30/2021	Blackburnian warbler	16	302	carcass search	twice per week 70-m cleared plot	intact	yes
09/30/2021	golden-crowned kinglet	20	204	carcass search	twice per week 70-m uncleared plot	dismembered	yes
09/30/2021	golden-crowned kinglet	70	403	carcass search	3-day 90-m cleared plot	scavenged	yes
09/30/2021	horned lark	79	211	carcass search	twice per week 70-m uncleared plot	scavenged	yes
09/30/2021	unidentified kinglet	70	204	carcass search	twice per week 70-m uncleared plot	dismembered	yes
10/01/2021	golden-crowned kinglet	41	318	carcass search	twice per week 70-m cleared plot	scavenged	yes
10/01/2021	golden-crowned kinglet	38	406	carcass search	twice per week road and pad	intact	no
10/01/2021	horned lark	70	325	carcass search	twice per week 70-m cleared plot	scavenged	yes
10/01/2021	horned lark	62	424	carcass search	3-day 90-m cleared plot	feather spot	yes
10/01/2021	horned lark	90	424	carcass search	3-day 90-m cleared plot	scavenged	yes
10/01/2021	magnolia warbler	55	423	carcass search	3-day 90-m cleared plot	scavenged	yes
10/01/2021	swamp sparrow	41	222	carcass search	twice per week road and pad	intact	no
10/02/2021	horned lark	64	345	carcass search	twice per week 70-m uncleared plot	intact	yes
10/02/2021	killdeer	26	331	carcass search	twice per week 70-m uncleared plot	scavenged	yes
10/03/2021	ruby-crowned kinglet	6	319	carcass search	twice per week 70-m uncleared plot	scavenged	yes
10/03/2021	unidentified small bird	4	202	carcass search	twice per week 70-m uncleared plot	scavenged	yes
10/04/2021	American redstart	40	407	carcass search	3-day 90-m cleared plot	scavenged	yes
10/04/2021	horned lark	87	231	carcass search	twice per week 70-m uncleared plot	scavenged	yes
10/04/2021	horned lark	36	407	carcass search	3-day 90-m cleared plot	scavenged	yes
10/04/2021	horned lark	47	423	carcass search	3-day 90-m cleared plot	intact	yes
10/04/2021	rock pigeon	94	420	carcass search	3-day 90-m cleared plot	scavenged	yes
10/04/2021	ruby-crowned kinglet	59	407	carcass search	3-day 90-m cleared plot	scavenged	yes
10/04/2021	unidentified warbler	68	407	carcass search	3-day 90-m cleared plot	scavenged	yes
10/04/2021	unidentified wren	83	411	carcass search	3-day 90-m cleared plot	dismembered	yes

Appendix A. Carcasses found at the Timber Road Wind Farm, Paulding County, Ohio, from April 1 – May 15 and August 1 – October 16, 2021.

Found	-	Distance	-	-	-	Physical	Aided
Date	Species	from Turbine	Turbine	e Search Type	Search Area Type	Condition	Search
10/05/2021	brown-headed cowbird	4	345	carcass search	twice per week 70-m uncleared plot	scavenged	yes
10/06/2021	palm warbler	24	405	carcass search	3-day 90-m cleared plot	intact	yes
10/07/2021	golden-crowned kinglet	72	416	carcass search	3-day 90-m cleared plot	scavenged	yes
10/07/2021	golden-crowned kinglet	50	420	carcass search	3-day 90-m cleared plot	intact	yes
	gray catbird	50	414	carcass search	3-day 90-m cleared plot	scavenged	yes
10/07/2021	red-eyed vireo	34	427	carcass search	twice per week road and pad	intact	no
10/07/2021	unidentified small bird	66	219	carcass search	twice per week 70-m uncleared plot	scavenged	yes
10/08/2021	golden-crowned kinglet	65	241	carcass search	twice per week 70-m uncleared plot		yes
10/08/2021	horned lark	17	306	carcass search	twice per week road and pad	scavenged	no
10/09/2021	magnolia warbler	74	404	carcass search	3-day 90-m cleared plot	scavenged	yes
	Tennessee warbler	93	404	carcass search	3-day 90-m cleared plot	scavenged	yes
10/09/2021	unidentified kingbird	73	343	carcass search	twice per week 70-m uncleared plot	dismembered	yes
	unidentified passerine	60	343	carcass search	twice per week 70-m uncleared plot	dismembered	yes
10/09/2021	unidentified small bird	25	331	carcass search	twice per week 70-m uncleared plot	feather spot	yes
10/10/2021	American redstart	75	416	carcass search	3-day 90-m cleared plot	scavenged	yes
	golden-crowned kinglet	74	431	carcass search	3-day 90-m cleared plot	intact	yes
	horned lark	57	207	carcass search	twice per week 70-m uncleared plot		yes
10/10/2021	horned lark	18	211	carcass search	twice per week 70-m uncleared plot	scavenged	yes
10/10/2021	ruby-crowned kinglet	37	212	carcass search	twice per week 70-m uncleared plot	intact	yes
10/10/2021	unidentified kinglet	47	416	carcass search	3-day 90-m cleared plot	scavenged	yes
10/11/2021	Tennessee warbler	25	430	carcass search	twice per week road and pad	scavenged	no
10/12/2021	European starling	49	346	carcass search	twice per week 70-m uncleared plot	feather spot	yes
10/12/2021	golden-crowned kinglet	57	343	carcass search	twice per week 70-m uncleared plot	intact	yes
10/12/2021	golden-crowned kinglet	54	402	carcass search	3-day 90-m cleared plot	scavenged	yes
	golden-crowned kinglet	22	405	carcass search	3-day 90-m cleared plot	intact	yes
	horned lark	53	338	carcass search	twice per week 70-m uncleared plot	scavenged	yes
10/12/2021	killdeer	67	405	carcass search	3-day 90-m cleared plot	scavenged	yes
10/12/2021	mourning dove	17	335	carcass search	twice per week road and pad	intact	no
10/12/2021	unidentified small bird	99	345	carcass search	twice per week 70-m uncleared plot	scavenged	yes
10/13/2021	unidentified kinglet	10	420	carcass search	3-day 90-m cleared plot	scavenged	yes
10/15/2021	golden-crowned kinglet	58	250	carcass search	twice per week 70-m uncleared plot	intact	yes
10/15/2021	horned lark	29	303	carcass search	twice per week 70-m uncleared plot	dismembered	yes
10/15/2021	horned lark	62	402	carcass search	3-day 90-m cleared plot	dismembered	yes
	unidentified small bird	74	402	carcass search	3-day 90-m cleared plot	dismembered	yes
10/15/2021	unidentified sparrow	90	401	carcass search	3-day 90-m cleared plot	intact	yes
10/16/2021	European starling	59	407	carcass search	3-day 90-m cleared plot	intact	yes

Appendix A. Carcasses	found at the	Timber Road	Wind Farm,	Paulding County,	Ohio, from April 1 -	- May 15 and August 1 –
October 16, 2021.					-	

Found		Distance				Physical	Aided
Date S	Species	from Turbine	Turbine	e Search Type	Search Area Type	Condition	Search
10/16/2021 u	unidentified kingbird	79	414	carcass search	3-day 90-m cleared plot	scavenged	yes
10/16/2021 u	unidentified small bird	58	423	carcass search	3-day 90-m cleared plot	scavenged	yes

** Carcass was found outside the search area.

m = meter.

Appendix B. Searcher Efficiency, Carcass Persistence, and Truncated Weighted Likelihood Area Adjustment Estimate Model Fitting Results Appendix B1. Searcher efficiency models for bats found by humans from the Timber Road Wind Farm, Paulding County, Ohio, from April 1 – May 15 and August 1 – October 16, 2021.

Covariates	k Value	AICc	Delta AICc
Plot Search Type	0.67	72.79	0*
Season + Plot Search Type	0.67	74.56	1.77
Season	0.67	86.00	13.21
No Covariates	0.67	89.69	16.90

* Selected model.

AICc = corrected Akaike Information Criterion.

n = 91.

Appendix B2. Searcher efficiency models for bats found by dogs from the Timber Road Wind Farm, Paulding County, Ohio, from April 1 – May 15 and August 1 – October 16, 2021.

; • • • • • • • • • • • • • • • • •	ind) it dia inguist i t		
Covariates	k Value	AICc	Delta AICc
Plot Search Type	0.67	87.24	0
No Covariates	0.67	87.78	0.54*
Season + Plot Search Type	0.67	89.28	2.04
Season	0.67	89.82	2.58

* Selected model.

AICc = corrected Akaike Information Criterion.

n = 73.

Appendix B3. Carcass persistence models with covariates and distributions for bats placed on non-dog aided plots at the Timber Road Wind Farm, Paulding County, Ohio, from April 1 – May 15 and August 1 – October 16, 2021 (n = 58).

Location Covariates	Scale Covariates	Distribution	AICc	Delta AICc
Season	No Covariates	lognormal	260.68	0
Season	No Covariates	loglogistic	261.86	1.18
Season	Season	lognormal	262.24	1.56
No Covariates	No Covariates	lognormal	262.33	1.65*
Season + PlotSearchType	No Covariates	lognormal	262.92	2.24
Season	Season	loglogistic	263.43	2.75
No Covariates	No Covariates	loglogistic	263.61	2.93
PlotSearchType	No Covariates	lognormal	263.61	2.93
Season + PlotSearchType	No Covariates	loglogistic	264.06	3.38
No Covariates	Season	lognormal	264.33	3.65
No Covariates	PlotSearchType	lognormal	264.47	3.79
Season + PlotSearchType	Season	lognormal	264.58	3.90
Season	Season + PlotSearchType	lognormal	264.64	3.96
PlotSearchType	No Covariates	loglogistic	264.76	4.08
Season + PlotSearchType	PlotSearchType	lognormal	265.18	4.50
No Covariates	Season	loglogistic	265.53	4.85
No Covariates	PlotSearchType	loglogistic	265.74	5.06
Season + PlotSearchType	Season	loglogistic	265.75	5.07
Season	Season + PlotSearchType	loglogistic	265.83	5.15
PlotSearchType	PlotSearchType	lognormal	265.84	5.16
Season + PlotSearchType	PlotSearchType	loglogistic	266.34	5.66

Appendix B3. Carcass persistence models with covariates and distributions for bats placed on non-dog aided plots at the Timber Road Wind Farm, Paulding County, Ohio, from April 1 – May 15 and August 1 – October 16, 2021 (n = 58).

Location Covariates	Scale Covariates	Distribution	AICc	Delta AICc
No Covariates	Season + PlotSearchType	lognormal	266.62	5.94
PlotSearchType	PlotSearchType	loglogistic	267.02	6.34
Season + PlotSearchType	Season + PlotSearchType	lognormal	267.07	6.39
No Covariates	Season + PlotSearchType	loglogistic	267.83	7.15
PlotSearchType	Season + PlotSearchType	lognormal	267.94	7.26
Season + PlotSearchType	Season + PlotSearchType	loglogistic	268.24	7.56
Season	-	exponential	268.27	7.59
PlotSearchType	Season + PlotSearchType	loglogistic	269.03	8.35
Season	No Covariates	Weibull	269.09	8.41
Season + PlotSearchType	-	exponential	270.41	9.73
Season	Season	Weibull	271.33	10.65
Season + PlotSearchType	No Covariates	Weibull	271.33	10.65
No Covariates	No Covariates	Weibull	271.55	10.87
No Covariates	-	exponential	271.68	11.00
PlotSearchType	-	exponential	272.52	11.84
PlotSearchType	No Covariates	Weibull	272.74	12.06
Season + PlotSearchType	Season	Weibull	273.67	12.99
Season	Season + PlotSearchType	Weibull	273.73	13.05
Season + PlotSearchType	PlotSearchType	Weibull	273.73	13.05
No Covariates	Season	Weibull	273.75	13.07
No Covariates	PlotSearchType	Weibull	273.77	13.09
PlotSearchType	PlotSearchType	Weibull	275.05	14.37
No Covariates	Season + PlotSearchType	Weibull	276.06	15.38
Season + PlotSearchType	Season + PlotSearchType	Weibull	276.16	15.48
PlotSearchType	Season + PlotSearchType	Weibull	277.36	16.68

* Selected model.

AICc = corrected Akaike Information Criterion.

Appendix B4. Carcass persistence models with covariates and distributions for bats placed on dog-handler searched plots at the Timber Road Wind Farm, Paulding County, Ohio, from April 1 – May 15 and August 1 – October 16, 2021 (n = 42).

	-			Delta
Location Covariates	Scale Covariates	Distribution	AICc	AICc
No Covariates	Season	loglogistic	175.95	0*
No Covariates	Season	Weibull	176.38	0.43
No Covariates	Season	lognormal	176.63	0.68
Season + PlotSearchType	Season	loglogistic	177.06	1.11
Season + PlotSearchType	Season	Weibull	177.67	1.72
Season + PlotSearchType	Season	lognormal	177.68	1.73
Season	Season	loglogistic	177.88	1.93
No Covariates	Season + PlotSearchType	loglogistic	178.36	2.41
Season	Season	lognormal	178.50	2.55
No Covariates	Season + PlotSearchType	Weibull	178.64	2.69
PlotSearchType	Season + PlotSearchType	Weibull	178.77	2.82
Season	Season	Weibull	178.81	2.86

Appendix B4. Carcass persistence models with covariates and distributions for bats placed on dog-handler searched plots at the Timber Road Wind Farm, Paulding County, Ohio, from April 1 – May 15 and August 1 – October 16, 2021 (n = 42).

Logation Covariates	Soolo Coverietes	Distribution		Delta
Location Covariates	Scale Covariates	Distribution		AICc
No Covariates	Season + PlotSearchType	lognormal	178.97	3.02
Season + PlotSearchType	Season + PlotSearchType	loglogistic	179.75	3.80
PlotSearchType	Season + PlotSearchType	loglogistic	179.89	3.94
Season + PlotSearchType	Season + PlotSearchType	Weibull	180.36	4.41
Season + PlotSearchType	Season + PlotSearchType	lognormal	180.36	4.41
Season	Season + PlotSearchType	loglogistic	180.44	4.49
PlotSearchType	-	exponential	180.54	4.59
PlotSearchType	No Covariates	Weibull	180.59	4.64
PlotSearchType	Season + PlotSearchType	lognormal	180.63	4.68
Season	Season + PlotSearchType	lognormal	181.08	5.13
Season	Season + PlotSearchType	Weibull	181.09	5.14
No Covariates	No Covariates	Weibull	181.90	5.95
Season + PlotSearchType	-	exponential	181.96	6.01
Season + PlotSearchType	No Covariates	Weibull	182.34	6.39
No Covariates	-	exponential	182.53	6.58
PlotSearchType	PlotSearchType	Weibull	182.83	6.88
PlotSearchType	No Covariates	loglogistic	183.34	7.39
Season + PlotSearchType	No Covariates	loglogistic	183.58	7.63
No Covariates	No Covariates	loglogistic	183.60	7.65
No Covariates	PlotSearchType	Weibull	184.06	8.11
Season	No Covariates	Weibull	184.22	8.27
Season + PlotSearchType	PlotSearchType	Weibull	184.68	8.73
Season	•	exponential	184.73	8.78
PlotSearchType	No Covariates	lognormal	184.87	8.92
No Covariates	PlotSearchType	loglogistic	185.02	9.07
No Covariates	No Covariates	lognormal	185.03	9.08
PlotSearchType	PlotSearchType	loglogistic	185.05	9.10
Season + PlotSearchType	No Covariates	lognormal	185.07	9.12
Season + PlotSearchType	PlotSearchType	loglogistic	185.08	9.13
Season	No Covariates	loglogistic	185.46	9.51
Season + PlotSearchType	PlotSearchType	lognormal	186.52	10.57
PlotSearchType	PlotSearchType	lognormal	186.61	10.66
Season	No Covariates	lognormal	186.76	10.81
No Covariates	PlotSearchType	lognormal	186.80	10.85
NU COVALIALES	FIOISearch ype	lognonnai	100.00	10.00

* Selected model.

AICc = corrected Akaike Information Criterion.

Appendix B5. Truncated weighted maximum (TWL) likelihood search area adjustment models for the Timber Road Wind Farm, Paulding County, Ohio, from April 1, 2021 – October 16, 2021. Separate TWL models were fit across blade length stratum, (50 m n = 258, 56 m n = 372, 68 m n = 166, 74 m n = 395) and pooled across all stratum (n = 1197). The distributions and AICc scores are presented for the top 10 overall stratified models and the top pooled model¹.

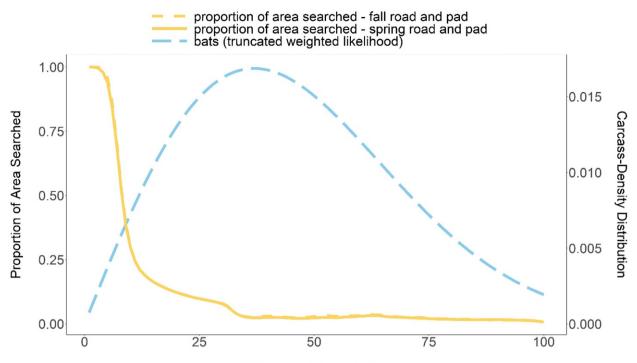
	-	Blade	-	-	-		
Size	Phase II –	Phase III –	Phase IV – Phase IV –		_		Delta
Class	50 m	56 m	68 m	74 m	Pooled	AIC	AIC
	Rayleigh	normal	Gompertz	normal	NA	31196.57	0.00*
	Weibull	normal	Gompertz	normal	NA	31198.04	1.47
	Rayleigh	normal	Gompertz	Gompertz	NA	31199.86	3.28
	gamma	normal	Gompertz	normal	NA	31200.95	4.38
	Rayleigh	Weibull	Gompertz	normal	NA	31201.24	4.66
Bat	Weibull	normal	Gompertz	Gompertz	NA	31201.33	4.75
	Rayleigh	Rayleigh	Gompertz	normal	NA	31201.73	5.16
	Weibull	Weibull	Gompertz	normal	NA	31202.71	6.13
	Weibull	Rayleigh	Gompertz	normal	NA	31203.2	6.62
	gamma	normal	Gompertz	Gompertz	NA	31204.23	7.66
_	_	_	_	_	Rayleigh [†]	31196.60	176.4

*Selected Model.

[†] Model included for comparison. Not a top 10 model.

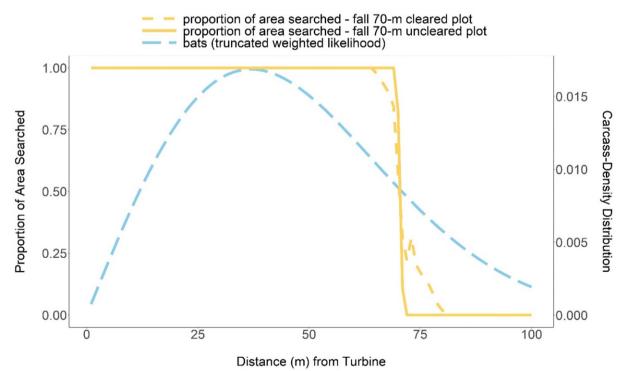
m = meter; AICc = corrected Akaike Information Criterion.

¹ The AICc for each stratified model was calculated by summing the AICc inputs (loglikelihood, number of parameters plus three, and number of data points) for each of the stratum specific models, and recalculating AICc. The number of parameters was increased by three for each stratified model to account for the indicator variables necessary to differentiate the carcass density beyond the "baseline" stratum).

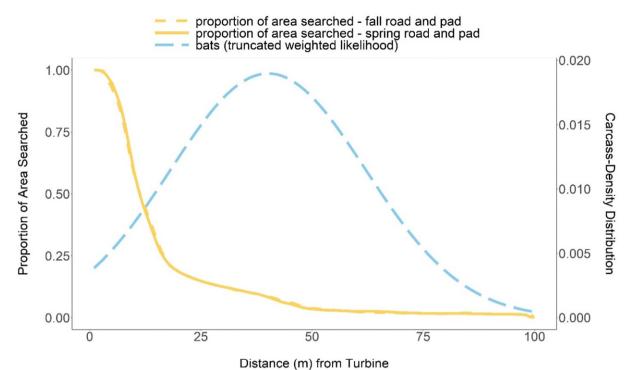


Distance (m) from Turbine

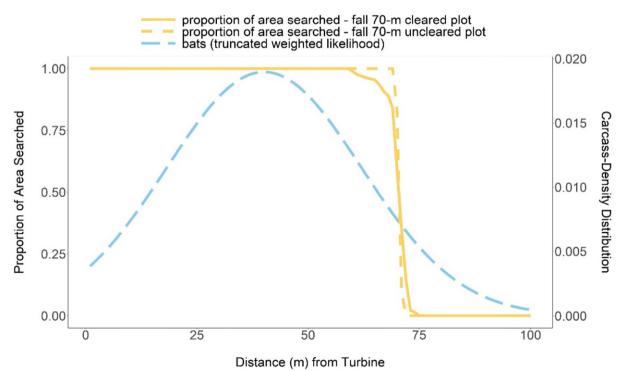
Appendix B6. Density of bat carcasses per area searched at all 100-meter (m) roads and pads surrounding turbines with 50-m blades at the Timber Road Wind Farm, Paulding County, Ohio, from April 1 – May 15 and August 1 – October 16, 2021.



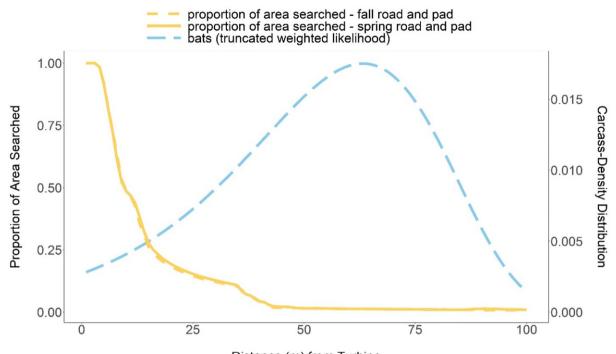
Appendix B7. Density of bat carcasses per area searched at all 70-meter (m) cleared and uncleared plots surrounding turbines with 50-m blades at the Timber Road Wind Farm, Paulding County, Ohio, from August 1 – October 16, 2021.



Appendix B8. Density of bat carcasses per area searched at all 100-meter (m) roads and pads surrounding turbines with 57-m blades at the Timber Road Wind Farm, Paulding County, Ohio, from April 1 – May 15 and August 1 – October 16, 2021.

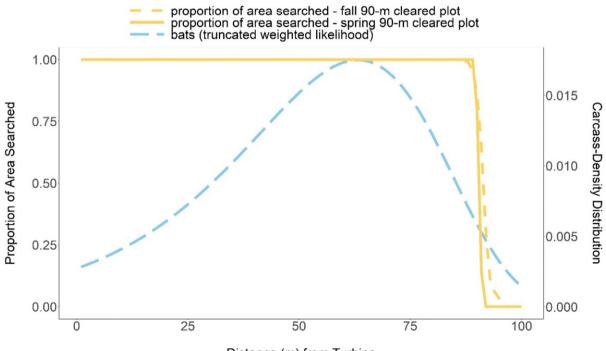


Appendix B9. Density of bat carcasses per area searched at all 70-meter (m) cleared and uncleared plots surrounding turbines with 57-m blades at the Timber Road Wind Farm, Paulding County, Ohio, from August 1 – October 16, 2021.



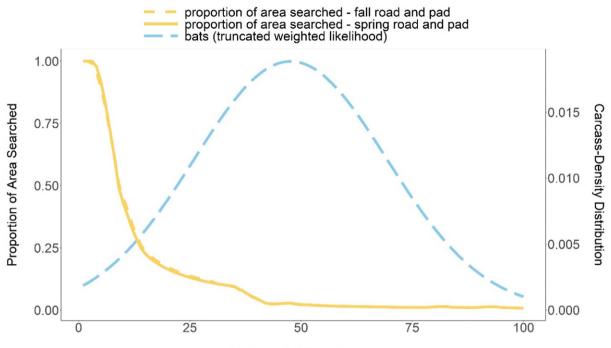
Distance (m) from Turbine

Appendix B10. Density of bat carcasses per area searched at all 100-meter (m) roads and pads surrounding turbines with 68-m blades at the Timber Road Wind Farm, Paulding County, Ohio, from April 1 – May 15 and August 1 – October 16, 2021.



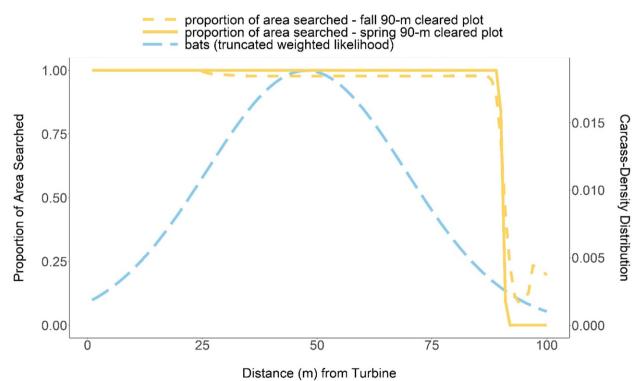
Distance (m) from Turbine

Appendix B11. Density of bat carcasses per area searched at all 90-meter (m) cleared plots surrounding turbines with 68-m blades at the Timber Road Wind Farm, Paulding County, Ohio, from April 1 – May 15 and August 1 – October 16, 2021.



Distance (m) from Turbine

Appendix B12. Density of bat carcasses per area searched at all 100-meter (m) road and pads surrounding turbines with 75-m blades at the Timber Road IV Wind Farm, Paulding County, Ohio, from April 1 – May 15 and August 1 – October 16, 2021.



Appendix B13. Density of bat carcasses per area searched at all 90-meter (m) cleared plots surrounding turbines with 75-m blades at the Timber Road Wind Farm, Paulding County, Ohio, from April 1 – May 15 and August 1 – October 16, 2021.

Appendix C. Inputs for Single Class and Multiple Class Modules in Evidence of Absence and Screenshots of the Inputs and Outputs for the Single Class and Multiple Class Modules

	-	-	2	-		Searcher Efficiency			Carcass	Persistend	; e ³
			Search		Spatial					Scale	Scale
		Blade	interval	Number of	Coverage			Shape	Scale	Lower	Upper
Season	Plot Type	Length	(I)	searches ²	(a)	Available	Found	(α)	(β)	Limit (β)	Limit (β)
spring	100-m road and pad	50m	7	6	0.07	71	65	1.84	2.39	2.03	2.76
spring	100-m road and pad	57m	7	7	0.13	71	65	1.84	2.39	2.03	2.76
spring	100-m road and pad	68m	7	6	0.07	71	65	1.84	2.39	2.03	2.76
spring	100-m road and pad	75m	7	6	0.07	71	65	1.84	2.39	2.03	2.76
spring	90-m cleared ¹	68m	1	43	0.97	20	9	1.84	2.39	2.03	2.76
spring	90-m cleared ¹	75m	1	42	0.98	20	9	1.84	2.39	2.03	2.76
spring	90-m cleared	68m	3	15	0.97	73	53	2.87	16.61	11.54	23.9
spring	90-m cleared	75m	3	15	0.98	73	53	2.87	16.61	11.54	23.9
fall	100-m road and pad	50m	3.5	21	0.07	71	65	1.84	2.39	2.03	2.76
fall	100-m road and pad	57m	3.5	21	0.13	71	65	1.84	2.39	2.03	2.76
fall	100-m road and pad	68m	3.5	21	0.06	71	65	1.84	2.39	2.03	2.76
fall	100-m road and pad	75m	3.5	21	0.07	71	65	1.84	2.39	2.03	2.76
fall	70-m uncleared	50m	3.5	22	0.84	73	53	0.75	16.61	11.54	23.9
fall	70-m uncleared	57m	3.5	21	0.91	73	53	0.75	16.61	11.54	23.9
fall	70-m cleared	50m	3.5	19	0.85	73	53	0.75	16.61	11.54	23.9
fall	70-m cleared	57m	3.5	22	0.91	73	53	0.75	16.61	11.54	23.9
fall	90-m cleared	68m	3	26	0.97	73	53	0.75	16.61	11.54	23.9
fall	90-m cleared	75m	3	26	0.96	73	53	0.75	16.61	11.54	23.9

Appendix C1. Inputs needed to run Evidence of Absence: Single Class Module for the Timber Road Wind Farm, Paulding County, Ohio, from April 1 – May 15, 2021 and August 1 – October 16, 2021.

¹. Human searched 90-meter (m) cleared plot, all other uncleared and cleared plots are dog-handler searched.

². The Evidence of Absence Graphical User Interface requires adding an additional search, which is automatically excluded as a clearing search. Therefore, to use the GUI, the user must add 1 to each of these reported numbers of searches.

^{3.} A lognormal distribution was used for carcass persistence distribution non-dog aided search plots (100-m road and pad and daily 90-m cleared plots) and a log-logistic distribution was used for carcass persistence distribution on dog aided search plots (90-m cleared plots, 70-m cleared plots, and 70-m uncleared plots).

Appendix C2. Inputs needed to run Evidence of Absence to combine across plot types within each season: Multiple Class Module for the Timber Road Wind Farm, Paulding County, Ohio, from April 1 – May 15, 2021, and August 1 – October 16, 2021.

Season	Plot Type	Blade Length	Ва	Bb	Within-season Sampling Fraction (Weights; DWP)
spring	100-m road and pad	50 m	430	7338.85	0.41
spring	100-m road and pad	57 m	363.09	3376.32	0.36
spring	100-m road and pad	68 m	453.54	8506.45	0.03
spring	100-m road and pad	75 m	411.13	7260.34	0.09
spring	90-m cleared ¹	68 m	15.6	6.91	0.01
spring	90-m cleared ¹	75 m	15.67	6.79	0.03
spring	90-m cleared	68 m	138.37	20.4	0.01
spring	90-m cleared	75 m	131.22	18.12	0.06
fall	100-m road and pad	50 m	818.15	11658.21	0.25
fall	100-m road and pad	57 m	975.35	7754.89	0.19
fall	100-m road and pad	68 m	987.81	16361.32	0.02
fall	100-m road and pad	75 m	887.88	13491.77	0.10
fall	70-m uncleared	50 m	204.82	119.54	0.13
fall	70-m uncleared	57 m	198.99	91.4	0.15
fall	70-m cleared	50 m	198.72	113.71	0.03
fall	70-m cleared	57 m	182.76	85.63	0.02
fall	90-m cleared	68 m	165.29	55.78	0.03
fall	90-m cleared	75 m	160.42	57.37	0.08

^{1.} Non-dog aided 90-m cleared plot, all other uncleared and cleared plots are dog aided.

m = meter.

Appendix C3. Inputs needed to run Evidence of Absence to combine across seasons in 2021: Multiple Class Module for the Timber Road Wind Farm, Paulding County, Ohio, from April 1 – May 15, 2021, and August 1 – October 16, 2021.

	-		Seasonal Arrival Proportions
Season	Ва	Bb	(Weights; DWP)
Spring	1322.29	7193.73	0.11
Fall	2084.97	3899.95	0.89

Appendix C4. Inputs needed to run Evidence of Absence: Multiple Class Module for the Timber Road Wind Farm, Paulding County, Ohio, from 2020 – 2021.

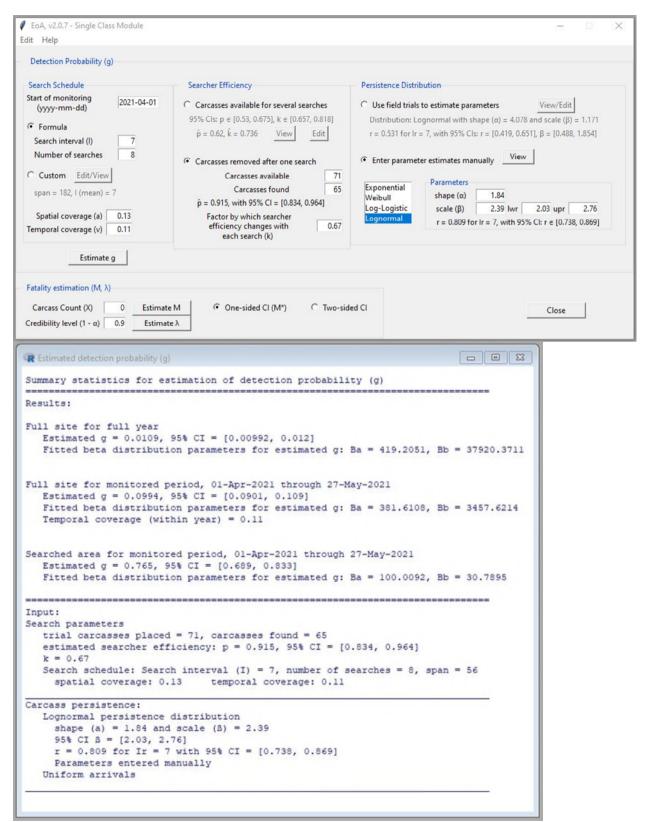
Year	Ва	Bb	Weights (ρ)
2020	323.4201	1417.479	0.89
2021	2381.963	4899.431	1

```
EoA, v2.0.7 - Single Class Module
                                                                                                                         ×
Edit Help
 Detection Probability (g)
 Search Schedule
                                 Searcher Efficiency
                                                                     Persistence Distribution
 Start of monitoring
                   2021-04-01
                                 C Carcasses available for several searches
                                                                     C Use field trials to estimate parameters
                                                                                                         View/Edit
  (yyyy-mm-dd)
                                  95% Cls: p ∈ [0.53, 0.675], k ∈ [0.657, 0.818]
                                                                     Distribution: Lognormal with shape (\alpha) = 4.078 and scale (\beta) = 1.171
 · Formula
                                   p = 0.62, k = 0.736 View Edit
                                                                      r = 0.531 for Ir = 7, with 95% Cls: r = [0.419, 0.651], β = [0.488, 1.854]
  Search interval (I)
                     7
  Number of searches

    Enter parameter estimates manually
    View

                                 Carcasses removed after one search
 C Custom Edit/View
                                                             71
                                        Carcasses available
                                                                                   Parameters
                                                                      Exponential
                                           Carcasses found 65
  span = 182, I (mean) = 7
                                                                                  shape (α)
                                                                                               1.84
                                                                      Weihull
                                    p = 0.915, with 95% CI = [0.834, 0.964]
                                                                                              2.39 lwr 2.03 upr 2.76
                                                                      Log-Logistic
                                                                                   scale (β)
  Spatial coverage (a) 0.07
                                     Factor by which searcher
                                                                      Lognormal
                                                                                   r = 0.809 for Ir = 7, with 95% CI: r ∈ [0.738, 0.869]
                                      efficiency changes with
                                                            0.67
 Temporal coverage (v) 0.11
                                        each search (k)
           Estimate g
 Fatality estimation (M, \lambda)
  Carcass Count (X)
                   0
                        Estimate M
                                      One-sided CI (M*)
                                                          C Two-sided Cl
                                                                                                           Close
Credibility level (1 - a) 0.9
                       Estimate \lambda
R Estimated detection probability (g)
                                                                                           . . .
 Summary statistics for estimation of detection probability (g)
 Results:
 Full site for full year
    Estimated g = 0.00585, 95% CI = [0.00528, 0.00646]
    Fitted beta distribution parameters for estimated g: Ba = 378.1144, Bb = 64208.9151
Full site for monitored period, 01-Apr-2021 through 20-May-2021
    Estimated g = 0.0532, 95% CI = [0.048, 0.0587]
    Fitted beta distribution parameters for estimated g: Ba = 360.0415, Bb = 6405.1291
    Temporal coverage (within year) = 0.11
 Searched area for monitored period, 01-Apr-2021 through 20-May-2021
    Estimated g = 0.76, 95% CI = [0.68, 0.832]
    Fitted beta distribution parameters for estimated g: Ba = 91.1196, Bb = 28.7283
                       Input:
 Search parameters
    trial carcasses placed = 71, carcasses found = 65
    estimated searcher efficiency: p = 0.915, 95% CI = [0.834, 0.964]
    k = 0.67
    Search schedule: Search interval (I) = 7, number of searches = 7, span = 49
      spatial coverage: 0.07
                                     temporal coverage: 0.11
 Carcass persistence:
   Lognormal persistence distribution
      shape (a) = 1.84 and scale (B) = 2.39
      95% CI B = [2.03, 2.76]
      r = 0.809 for Ir = 7 with 95% CI = [0.738, 0.869]
      Parameters entered manually
    Uniform arrivals
```

Appendix C5. Spring 100-m road/pad 50m blade length inputs and outputs from the Evidence of Absence Graphical User Interface Single Class Module for Indiana bat and northern longeared bat. Inputs are based on values reported in Appendix C1.



Appendix C6. Spring 100-m road/pad 57m blade length inputs and outputs from the Evidence of Absence Graphical User Interface Single Class Module for Indiana bat and northern longeared bat. Inputs are based on values reported in Appendix C1.

```
EoA, v2.0.7 - Single Class Module
                                                                                                                       ×
Edit Help
 Detection Probability (g)
 Search Schedule
                                 Searcher Efficiency
                                                                    Persistence Distribution
 Start of monitoring
                   2021-04-01
                                C Carcasses available for several searches
                                                                    C Use field trials to estimate parameters
                                                                                                       View/Edit
   (yyyy-mm-dd)
                                 95% Cls: p e [0.53, 0.675], k e [0.657, 0.818]
                                                                    Distribution: Lognormal with shape (\alpha) = 4.078 and scale (\beta) = 1.171
 · Formula
                                   p = 0.62, k = 0.736 View Edit
                                                                    r = 0.531 for Ir = 7, with 95% Cls: r = [0.419, 0.651], β = [0.488, 1.854]
  Search interval (I)
                     7
  Number of searches

    Enter parameter estimates manually
    View

                                Carcasses removed after one search
 C Custom Edit/View
                                                            71
                                       Carcasses available
                                                                                 Parameters
                                          Carcasses found 65
                                                                     Exponential
  span = 182, I (mean) = 7
                                                                                 shape (a)
                                                                                             1.84
                                                                     Weihull
                                   p = 0.915, with 95% CI = [0.834, 0.964]
                                                                                            2.39 lwr 2.03 upr 2.76
                                                                     Log-Logistic
                                                                                  scale (B)
  Spatial coverage (a) 0.07
                                     Factor by which searcher
                                                                     Lognormal
                                                                                  r = 0.809 for lr = 7, with 95% Cl: r ∈ [0.738, 0.869]
                                                           0.67
 Temporal coverage (v) 0.11
                                     efficiency changes with
                                        each search (k)
           Estimate g
 Fatality estimation (M, \lambda)

    One-sided CI (M*)
    Two-sided CI

  Carcass Count (X)
                   0
                       Estimate M
                                                                                                         Close
 Credibility level (1 - a) 0.9
                       Estimate λ
 R Estimated detection probability (9)
                                                                                              - - -
                               Results:
 Full site for full year
    Estimated g = 0.00584, 95% CI = [0.00522, 0.0065]
     Fitted beta distribution parameters for estimated g: Ba = 319.8631, Bb = 54423.6729
 Full site for monitored period, 01-Apr-2021 through 20-May-2021
    Estimated g = 0.0531, 95% CI = [0.0475, 0.0591]
     Fitted beta distribution parameters for estimated g: Ba = 304.5962, Bb = 5429.9419
    Temporal coverage (within year) = 0.11
 Searched area for monitored period, 01-Apr-2021 through 20-May-2021
     Estimated g = 0.759, 95% CI = [0.672, 0.836]
     Fitted beta distribution parameters for estimated g: Ba = 78.1665, Bb = 24.8466
 Input:
 Search parameters
    trial carcasses placed = 71, carcasses found = 65
     estimated searcher efficiency: p = 0.915, 95% CI = [0.834, 0.964]
     k = 0.67
    Search schedule: Search interval (I) = 7, number of searches = 7, span = 49
      spatial coverage: 0.07 temporal coverage: 0.11
 Carcass persistence:
    Lognormal persistence distribution
       shape (a) = 1.84 and scale (B) = 2.39
       95% CI B = [2.03, 2.76]
       r = 0.809 for Ir = 7 with 95% CI = [0.738, 0.869]
       Parameters entered manually
     Uniform arrivals
                                                                                                        3
```

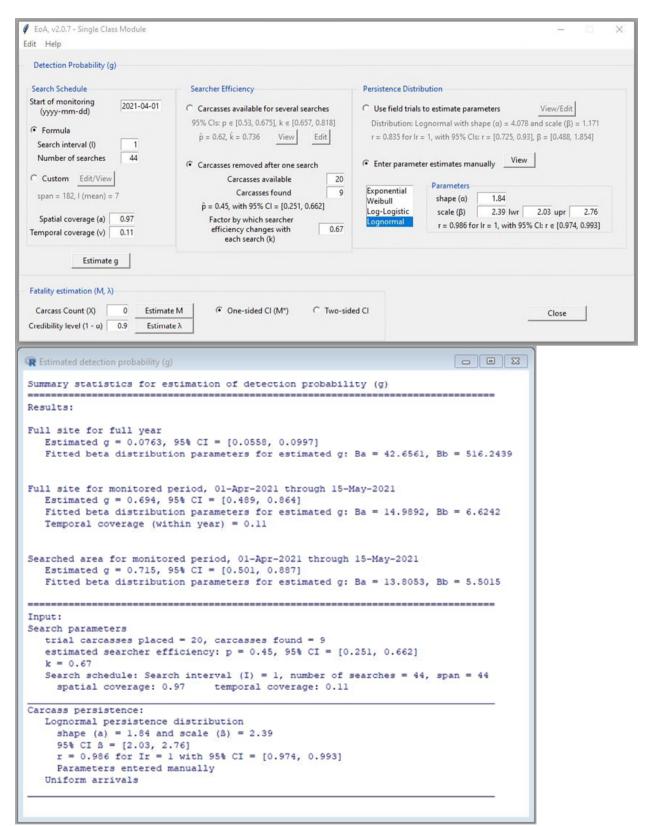
Appendix C7. Spring 100-m road/pad 68m blade length inputs and outputs from the Evidence of Absence Graphical User Interface Single Class Module for Indiana bat and northern longeared bat. Inputs are based on values reported in Appendix C1.

```
EoA, v2.0.7 - Single Class Module
                                                                                                                            8
Edit Help
 Detection Probability (g)
 Search Schedule
                                   Searcher Efficiency
                                                                       Persistence Distribution
 Start of monitoring
                    2021-04-01
                                  C Carcasses available for several searches
                                                                       C Use field trials to estimate parameters
                                                                                                            View/Edit
   (yyyy-mm-dd)
                                   95% Cls: p e [0.53, 0.675], k e [0.657, 0.818]
                                                                        Distribution: Lognormal with shape (\alpha) = 4.078 and scale (\beta) = 1.171
 · Formula
                                    p = 0.62, k = 0.736 View Edit
                                                                         r = 0.531 for Ir = 7, with 95% Cls: r = [0.419, 0.651], β = [0.488, 1.854]
  Search interval (I)
                      7
  Number of searches
                      7

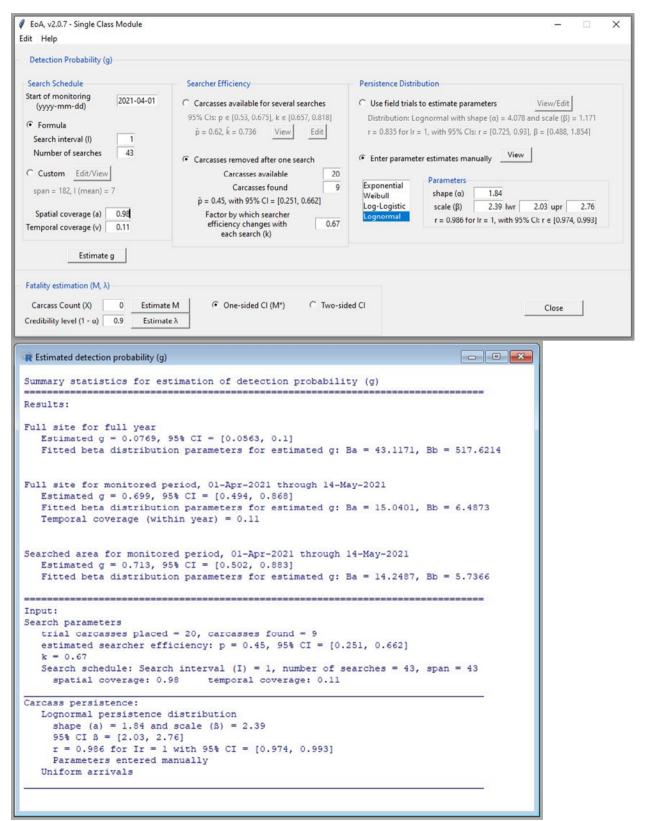
    Enter parameter estimates manually
    View

                                  Carcasses removed after one search
 C Custom Edit/View
                                         Carcasses available
                                                               71
                                                                                      Parameters
                                                                        Exponential
                                                               65
                                            Carcasses found
  span = 182, I (mean) = 7
                                                                                                  1.84
                                                                                      shape (a)
                                                                        Weibull
                                     p = 0.915, with 95% CI = [0.834, 0.964]
                                                                                                  2.39 lwr 2.03 upr
                                                                         Log-Logistic
                                                                                      scale (B)
                                                                                                                     2.76
  Spatial coverage (a) 0.07
                                      Factor by which searcher
                                                                             rmal
                                                                                       r = 0.809 for Ir = 7, with 95% CI: r ∈ [0.738, 0.869]
                                       efficiency changes with
                                                              0.67
 Temporal coverage (v) 0.11
                                          each search (k)
            Estimate q
 Fatality estimation (M, \lambda)
  Carcass Count (X)
                    0
                         Estimate M
                                        One-sided CI (M*)
                                                            C Two-sided Cl
                                                                                                              Close
 Credibility level (1 - a) 0.9
                         Estimate \lambda
R Estimated detection probability (g)
                                                                                             Summary statistics for estimation of detection probability (g)
Results:
Full site for full year
    Estimated g = 0.00588, 95% CI = [0.00531, 0.00648]
    Fitted beta distribution parameters for estimated g: Ba = 387.0992, Bb = 65461.0382
Full site for monitored period, 01-Apr-2021 through 20-May-2021
    Estimated g = 0.0534, 95% CI = [0.0483, 0.0589]
    Fitted beta distribution parameters for estimated g: Ba = 368.5197, Bb = 6527.3198
    Temporal coverage (within year) = 0.11
Searched area for monitored period, 01-Apr-2021 through 20-May-2021
    Estimated g = 0.763, 95% CI = [0.684, 0.834]
    Fitted beta distribution parameters for estimated g: Ba = 93.1197, Bb = 28.854
Input:
Search parameters
    trial carcasses placed = 71, carcasses found = 65
    estimated searcher efficiency: p = 0.915, 95% CI = [0.834, 0.964]
    k = 0.67
    Search schedule: Search interval (I) = 7, number of searches = 7, span = 49
      spatial coverage: 0.07
                                      temporal coverage: 0.11
Carcass persistence:
    Lognormal persistence distribution
      shape (a) = 1.84 and scale (B) = 2.39
      95% CI B = [2.03, 2.76]
      r = 0.809 for Ir = 7 with 95% CI = [0.738, 0.869]
      Parameters entered manually
    Uniform arrivals
```

Appendix C8. Spring 100-m road/pad 75m blade length inputs and outputs from the Evidence of Absence Graphical User Interface Single Class Module for Indiana bat and northern longeared bat. Inputs are based on values reported in Appendix C1.



Appendix C9. Spring 90-m human searched cleared plot 68m blade length inputs and outputs from the Evidence of Absence Graphical User Interface Single Class Module for Indiana bat and northern long-eared bat. Inputs are based on values reported in Appendix C1.



Appendix C10. Spring 90-m human searched cleared plot 75m blade length inputs and outputs from the Evidence of Absence Graphical User Interface Single Class Module for Indiana bat and northern long-eared bat. Inputs are based on values reported in Appendix C1.

EoA, v2.0.7 - Single Class Module X Edit Help Detection Probability (g) Search Schedule Searcher Efficiency Persistence Distribution Start of monitoring 2021-04-01 C Carcasses available for several searches C Use field trials to estimate parameters View/Edit (yyyy-mm-dd) 95% Cls: p e [0.53, 0.675], k e [0.657, 0.818] Distribution: Lognormal with shape (α) = 4.078 and scale (β) = 1.171 · Formula $\hat{p} = 0.62, \hat{k} = 0.736$ View Edit r = 0.679 for Ir = 3, with 95% Cls: r = [0.568, 0.807], β = [0.488, 1.854] Search interval (I) 3 Number of searches 16 Enter parameter estimates manually
 View Carcasses removed after one search C Custom Edit/View 73 Carcasses available Parameters Exponential Carcasses found 53 span = 182, I (mean) = 7 Weibull Log-Logistic 2.87 shape (α) p = 0.726, with 95% CI = [0.616, 0.818] scale (B) 16.61 lwr 11.54 upr 23.d Spatial coverage (a) 0.97 Factor by which searcher Lognormal r = 0.998 for Ir = 3, with 95% CI: r ∈ [0.995, 0.999] efficiency changes with 0.67 Temporal coverage (v) 0.11 each search (k) Estimate q Fatality estimation (M, λ) Carcass Count (X) Estimate M One-sided CI (M*)
 Two-sided CI 0 Close Credibility level (1 - a) 0.9 Estimate λ - • • × R Estimated detection probability (g) Summary statistics for estimation of detection probability (g) Results: Full site for full year Estimated g = 0.0961, 95% CI = [0.0903, 0.102] Fitted beta distribution parameters for estimated g: Ba = 940.9963, Bb = 8852.8746 Full site for monitored period, 01-Apr-2021 through 19-May-2021 Estimated g = 0.873, 95% CI = [0.817, 0.921] Fitted beta distribution parameters for estimated g: Ba = 133.7492, Bb = 19.3791 Temporal coverage (within year) = 0.11 Searched area for monitored period, 01-Apr-2021 through 19-May-2021 Estimated g = 0.9, 95% CI = [0.84, 0.948] Fitted beta distribution parameters for estimated g: Ba = 102.7226, Bb = 11.3571 Input: Search parameters trial carcasses placed = 73, carcasses found = 53 estimated searcher efficiency: p = 0.726, 95% CI = [0.616, 0.818] k = 0.67Search schedule: Search interval (I) = 3, number of searches = 16, span = 48 temporal coverage: 0.11 spatial coverage: 0.97 Carcass persistence: Log-Logistic persistence distribution shape (a) = 2.87 and scale (B) = 16.61 95% CI B = [11.54, 23.9] r = 0.998 for Ir = 3 with 95% CI = [0.995, 0.999] Parameters entered manually Uniform arrivals

Appendix C11. Spring 90-m dog-handler searched cleared plot 68m blade length inputs and outputs from the Evidence of Absence Graphical User Interface Single Class Module for Indiana bat and northern long-eared bat. Inputs are based on values reported in Appendix C1.

```
EoA, v2.0.7 - Single Class Module
                                                                                                                                52
Edit Help
 Detection Probability (g)
 Search Schedule
                                    Searcher Efficiency
                                                                         Persistence Distribution
 Start of monitoring
                     2021-04-01
                                   C Carcasses available for several searches
                                                                         C Use field trials to estimate parameters
                                                                                                                View/Edit
   (yyyy-mm-dd)
                                    95% Cls: p e [0.53, 0.675], k e [0.657, 0.818]
                                                                           Distribution: Lognormal with shape (\alpha) = 4.078 and scale (\beta) = 1.171
 · Formula
                                      \hat{p} = 0.62, \hat{k} = 0.736 View Edit
                                                                           r = 0.679 for lr = 3, with 95% Cls: r = [0.568, 0.807], β = [0.488, 1.854]
  Search interval (I)
                       3
  Number of searches
                      16

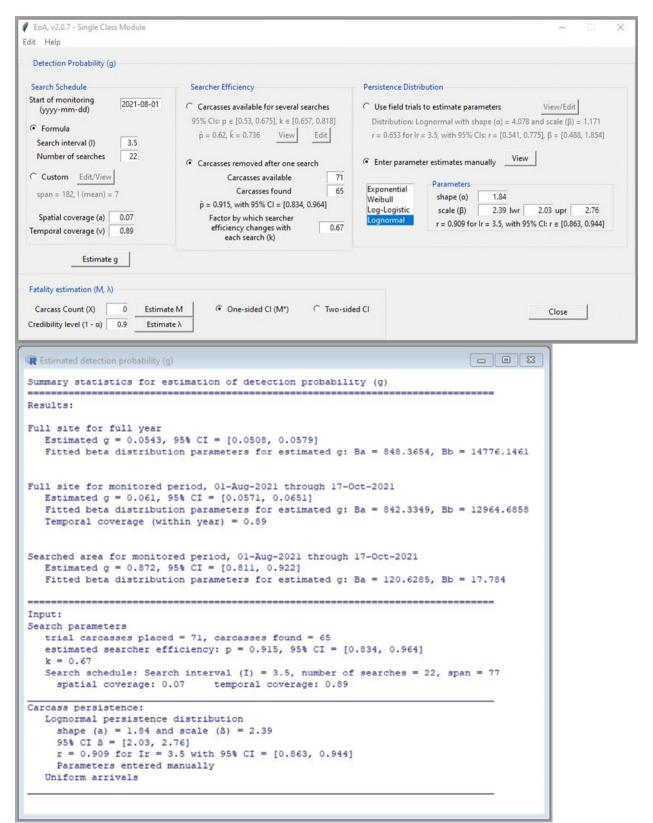
    Enter parameter estimates manually
    View

                                   Carcasses removed after one search
 C Custom Edit/View
                                           Carcasses available
                                                                 73
                                                                                        Parameters
                                                                          Exponential
                                             Carcasses found
                                                               53
  span = 182, I (mean) = 7
                                                                                                     2.87
                                                                          Weibull
Log-Logistic
                                                                                        shape (α)
                                      p = 0.726, with 95% CI = [0.616, 0.818]
                                                                                                     16.61 lwr 11.54 upr
                                                                                         scale (B)
                                                                                                                         23.9
  Spatial coverage (a) 0.98
                                        Factor by which searcher
                                                                          Lognormal
                                                                                         r = 0.998 for Ir = 3, with 95% CI: r ∈ [0.995, 0.999]
                                        efficiency changes with
                                                                0.67
 Temporal coverage (v) 0.11
                                           each search (k)
            Estimate g
 Fatality estimation (M, \lambda)
  Carcass Count (X)
                     0
                         Estimate M

    One-sided CI (M*)
    Two-sided CI

                                                                                                                 Close
 Credibility level (1 - α) 0.9
                          Estimate \lambda
                                                                                            - • X
R Estimated detection probability (g)
Summary statistics for estimation of detection probability (g)
Results:
Full site for full year
    Estimated g = 0.097, 95% CI = [0.091, 0.103]
    Fitted beta distribution parameters for estimated g: Ba = 880.4792, Bb = 8194.3364
Full site for monitored period, 01-Apr-2021 through 19-May-2021
   Estimated g = 0.882, 95% CI = [0.823, 0.931]
    Fitted beta distribution parameters for estimated g: Ba = 119.0686, Bb = 15.9268
    Temporal coverage (within year) = 0.11
Searched area for monitored period, 01-Apr-2021 through 19-May-2021
    Estimated g = 0.9, 95% CI = [0.838, 0.948]
    Fitted beta distribution parameters for estimated g: Ba = 100.1711, Bb = 11.1272
Input:
Search parameters
    trial carcasses placed = 73, carcasses found = 53
    estimated searcher efficiency: p = 0.726, 95% CI = [0.616, 0.818]
    k = 0.67
    Search schedule: Search interval (I) = 3, number of searches = 16, span = 48
      spatial coverage: 0.98
                                      temporal coverage: 0.11
Carcass persistence:
    Log-Logistic persistence distribution
      shape (a) = 2.87 and scale (B) = 16.61
      95% CI B = [11.54, 23.9]
      r = 0.998 for Ir = 3 with 95% CI = [0.995, 0.999]
      Parameters entered manually
    Uniform arrivals
```

Appendix C12. Spring 90-m dog-handler searched cleared plot 75m blade length inputs and outputs from the Evidence of Absence Graphical User Interface Single Class Module for Indiana bat and northern long-eared bat. Inputs are based on values reported in Appendix C1.



Appendix C13. Fall 100-m road/pad 50m blade length inputs and outputs from the Evidence of Absence Graphical User Interface Single Class Module for Indiana bat and northern longeared bat. Inputs are based on values reported in Appendix C1.

```
EoA. v2.0.7 - Single Class Module
                                                                                                                         X
Edit Help
  Detection Probability (g)
 Search Schedule
                                 Searcher Efficiency
                                                                     Persistence Distribution
 Start of monitoring
                   2021-08-01
                                 C Carcasses available for several searches
                                                                     C Use field trials to estimate parameters
                                                                                                         View/Edit
   (yyyy-mm-dd)
                                  95% Cls: p ∈ [0.53, 0.675], k ∈ [0.657, 0.818]
                                                                     Distribution: Lognormal with shape (\alpha) = 4.078 and scale (\beta) = 1.171
 · Formula
                                   \hat{p} = 0.62, \hat{k} = 0.736 View Edit
                                                                      r = 0.653 for Ir = 3.5, with 95% Cls: r = [0.541, 0.775], β = [0.488, 1.854]
  Search interval (I)
                   3.5
  Number of searches 22

    Enter parameter estimates manually
    View

                                 Carcasses removed after one search
 C Custom Edit/View
                                                            71
                                        Carcasses available
                                                                                   Parameters
                                                                      Exponential
                                           Carcasses found 65
  span = 182, I (mean) = 7
                                                                                  shape (a)
                                                                                               1.84
                                                                      Weibull
                                    p = 0.915, with 95% CI = [0.834, 0.964]
                                                                                  scale (β) 2.39 lwr 2.03 upr 2.76
                                                                      Log-Logistic
  Spatial coverage (a) 0.13
                                     Factor by which searcher
                                                                      Lognormal
                                                                                   r = 0.909 for Ir = 3.5, with 95% CI: r e [0.863, 0.944]
                                                            0.67
                                      efficiency changes with
 Temporal coverage (v) 0.89
                                        each search (k)
           Estimate g
 Fatality estimation (M, \lambda)
                       Estimate M

    One-sided CI (M*)
    Two-sided CI

  Carcass Count (X)
                   0
                                                                                                           Close
 Credibility level (1 - a) 0.9
                       Estimate \lambda
                                                                                            - - -
R Estimated detection probability (g)
 Summary statistics for estimation of detection probability (g)
 Results:
 Full site for full year
    Estimated g = 0.101, 95% CI = [0.0956, 0.107]
    Fitted beta distribution parameters for estimated g: Ba = 1167.4454, Bb = 10393.8196
Full site for monitored period, 01-Aug-2021 through 17-Oct-2021
    Estimated g = 0.113, 95% CI = [0.107, 0.12]
    Fitted beta distribution parameters for estimated g: Ba = 1151.2245, Bb = 8995.3389
    Temporal coverage (within year) = 0.89
 Searched area for monitored period, 01-Aug-2021 through 17-Oct-2021
    Estimated g = 0.873, 95% CI = [0.822, 0.916]
    Fitted beta distribution parameters for estimated g: Ba = 164.3689, Bb = 23.9572
                     Input:
 Search parameters
    trial carcasses placed = 71, carcasses found = 65
    estimated searcher efficiency: p = 0.915, 95% CI = [0.834, 0.964]
    k = 0.67
    Search schedule: Search interval (I) = 3.5, number of searches = 22, span = 77
      spatial coverage: 0.13
                                     temporal coverage: 0.89
 Carcass persistence:
   Lognormal persistence distribution
      shape (a) = 1.84 and scale (B) = 2.39
      95% CI B = [2.03, 2.76]
      r = 0.909 for Ir = 3.5 with 95% CI = [0.863, 0.944]
      Parameters entered manually
    Uniform arrivals
```

Appendix C14. Fall 100-m road/pad 57m blade length inputs and outputs from the Evidence of Absence Graphical User Interface Single Class Module for Indiana bat and northern longeared bat. Inputs are based on values reported in Appendix C1.

```
EoA, v2.0.7 - Single Class Module
                                                                                                                         X
Edit Help
 Detection Probability (q)
 Search Schedule
                                 Searcher Efficiency
                                                                     Persistence Distribution
 Start of monitoring
                   2021-08-01
                                 C Carcasses available for several searches
                                                                     C Use field trials to estimate parameters
                                                                                                         View/Edit
   (yyyy-mm-dd)
                                 95% Cls: p e [0.53, 0.675], k e [0.657, 0.818]
                                                                     Distribution: Lognormal with shape (\alpha) = 4.078 and scale (\beta) = 1.171
 · Formula
                                   p = 0.62, k = 0.736 View Edit
                                                                     r = 0.653 for lr = 3.5, with 95% Cls: r = [0.541, 0.775], β = [0.488, 1.854]
  Search interval (I)
                   3.5
  Number of searches 22

    Enter parameter estimates manually
    View

                                 Carcasses removed after one search
 C Custom Edit/View
                                                            71
                                        Carcasses available
                                                                                   Parameters
                                                                      Exponential
                                                           65
                                           Carcasses found
  span = 182, I (mean) = 7
                                                                                  shape (α)
                                                                                               1.84
                                                                      Weibull
                                    p = 0.915, with 95% CI = [0.834, 0.964]
                                                                                              2.39 lwr 2.03 upr 2.76
                                                                                  scale (β)
                                                                      Log-Logistic
  Spatial coverage (a) 0.06
                                     Factor by which searcher
                                                                      Lognormal
                                                                                  r = 0.909 for Ir = 3.5, with 95% CI: r ∈ [0.863, 0.944]
                                                            0.67
                                      efficiency changes with
 Temporal coverage (v) 0.89
                                        each search (k)
           Estimate g
 Fatality estimation (M, \lambda)
                        Estimate M

    One-sided CI (M*)
    Two-sided CI

  Carcass Count (X)
                   0
                                                                                                           Close
 Credibility level (1 - a) 0.9
                        Estimate λ
                                                                                           - -
R Estimated detection probability (g)
 Summary statistics for estimation of detection probability (g)
           _____
 Results:
 Full site for full year
    Estimated g = 0.0465, 95% CI = [0.0437, 0.0495]
    Fitted beta distribution parameters for estimated g: Ba = 966.3243, Bb = 19792.613
 Full site for monitored period, 01-Aug-2021 through 17-Oct-2021
    Estimated g = 0.0523, 95% CI = [0.0491, 0.0556]
    Fitted beta distribution parameters for estimated g: Ba = 960.485, Bb = 17403.3706
    Temporal coverage (within year) = 0.89
 Searched area for monitored period, 01-Aug-2021 through 17-Oct-2021
    Estimated g = 0.872, 95% CI = [0.814, 0.92]
    Fitted beta distribution parameters for estimated g: Ba = 132.7648, Bb = 19.5395
 Input:
 Search parameters
    trial carcasses placed = 71, carcasses found = 65
    estimated searcher efficiency: p = 0.915, 95% CI = [0.834, 0.964]
    k = 0.67
    Search schedule: Search interval (I) = 3.5, number of searches = 22, span = 77
      spatial coverage: 0.06
                                      temporal coverage: 0.89
 Carcass persistence:
    Lognormal persistence distribution
      shape (a) = 1.84 and scale (B) = 2.39
       95% CI B = [2.03, 2.76]
      r = 0.909 for Ir = 3.5 with 95% CI = [0.863, 0.944]
      Parameters entered manually
    Uniform arrivals
```

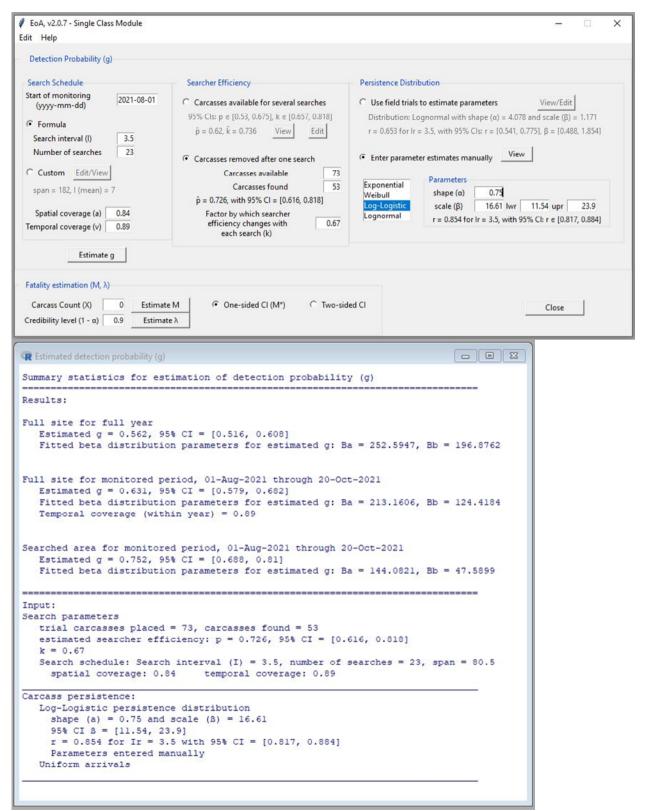
Appendix C15. Fall 100-m road/pad 68m blade length inputs and outputs from the Evidence of Absence Graphical User Interface Single Class Module for Indiana bat and northern longeared bat. Inputs are based on values reported in Appendix C1.

```
EoA, v2.0.7 - Single Class Module
                                                                                                                            X
Edit Help
 Detection Probability (g)
 Search Schedule
                                  Searcher Efficiency
                                                                       Persistence Distribution
 Start of monitoring
                    2021-08-01
                                 C Carcasses available for several searches
                                                                       C Use field trials to estimate parameters
                                                                                                             View/Edit
   (yyyy-mm-dd)
                                   95% Cls: p ∈ [0.53, 0.675], k ∈ [0.657, 0.818]
                                                                       Distribution: Lognormal with shape (\alpha) = 4.078 and scale (\beta) = 1.171
 · Formula
                                    p = 0.62, k = 0.736 View Edit
                                                                        r = 0.653 for Ir = 3.5, with 95% Cls: r = [0.541, 0.775], β = [0.488, 1.854]
  Search interval (I)
                    3.5
  Number of searches 22

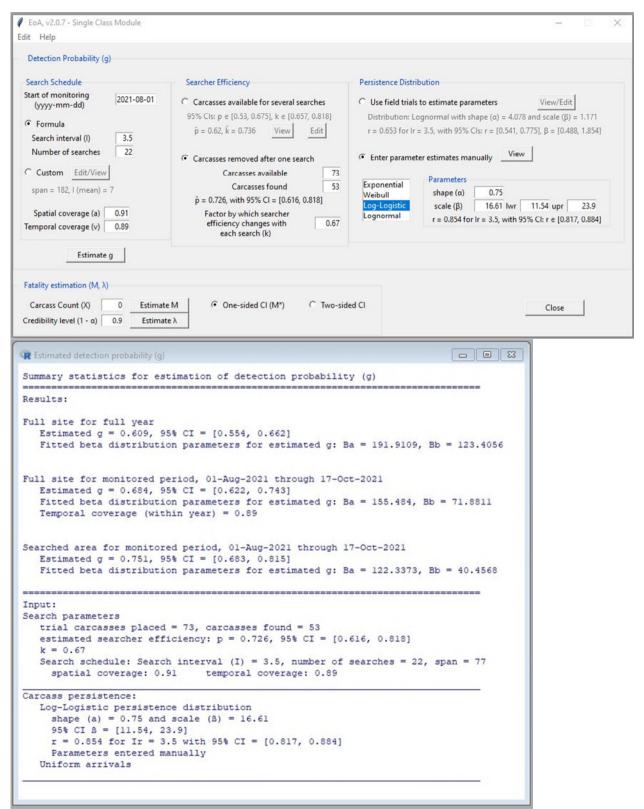
    Enter parameter estimates manually
    View

                                 Carcasses removed after one search
 C Custom Edit/View
                                                               71
                                         Carcasses available
                                                                                      Parameters
                                                                        Exponential
                                                             65
                                            Carcasses found
  span = 182, I (mean) = 7
                                                                                     shape (α)
                                                                                                  1.84
                                                                        Weibull
                                     p = 0.915, with 95% CI = [0.834, 0.964]
                                                                                                2.39 lwr 2.03 upr 2.76
                                                                        Log-Logistic
                                                                                     scale (B)
  Spatial coverage (a) 0.07
                                      Factor by which searcher
                                                                        Lognormal
                                                                                     r = 0.909 for Ir = 3.5, with 95% CI: r e [0.863, 0.944]
                                                              0.67
 Temporal coverage (v) 0.89
                                       efficiency changes with
                                         each search (k)
            Estimate g
 Fatality estimation (M, \lambda)
                        Estimate M
                                       One-sided CI (M*)
                                                            C Two-sided Cl
  Carcass Count (X)
                    0
                                                                                                              Close
 Credibility level (1 - a) 0.9
                        Estimate \lambda
R Estimated detection probability (g)
                                                                                                - 0 -
 Summary statistics for estimation of detection probability (g)
Results:
Full site for full year
    Estimated g = 0.0543, 95% CI = [0.051, 0.0576]
    Fitted beta distribution parameters for estimated g: Ba = 987.4508, Bb = 17202.2794
Full site for monitored period, 01-Aug-2021 through 17-Oct-2021
    Estimated g = 0.061, 95% CI = [0.0573, 0.0647]
    Fitted beta distribution parameters for estimated g: Ba = 980.4345, Bb = 15093.455
    Temporal coverage (within year) = 0.89
Searched area for monitored period, 01-Aug-2021 through 17-Oct-2021
    Estimated g = 0.871, 95% CI = [0.816, 0.918]
    Fitted beta distribution parameters for estimated g: Ba = 141.278, Bb = 20.8605
Input:
Search parameters
    trial carcasses placed = 71, carcasses found = 65
    estimated searcher efficiency: p = 0.915, 95% CI = [0.834, 0.964]
    k = 0.67
    Search schedule: Search interval (I) = 3.5, number of searches = 22, span = 77
      spatial coverage: 0.07
                                       temporal coverage: 0.89
Carcass persistence:
    Lognormal persistence distribution
      shape (a) = 1.84 and scale (B) = 2.39
      95% CI B = [2.03, 2.76]
r = 0.909 for Ir = 3.5 with 95% CI = [0.863, 0.944]
      Parameters entered manually
    Uniform arrivals
```

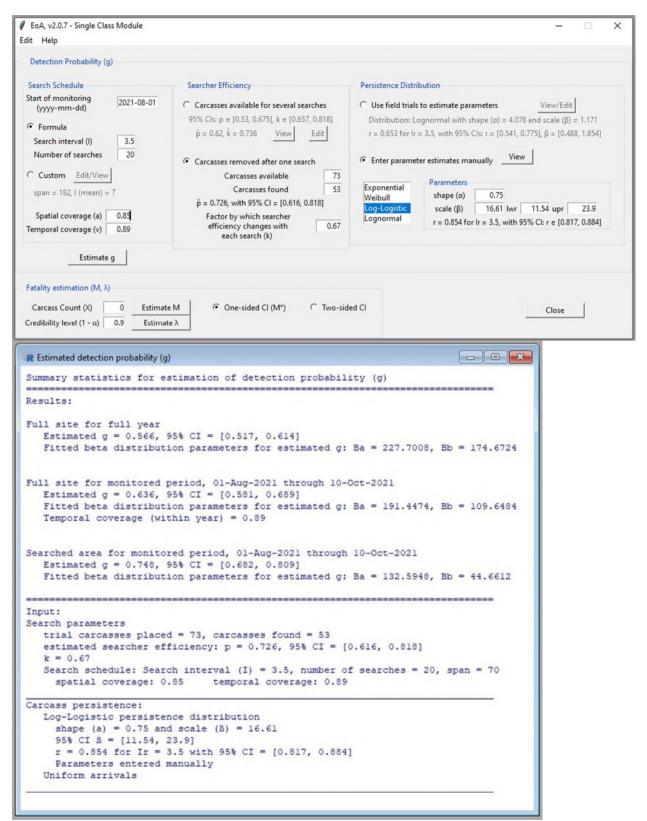
Appendix C16. Fall 100-m road/pad 75m blade length inputs and outputs from the Evidence of Absence Graphical User Interface Single Class Module for Indiana bat and northern longeared bat. Inputs are based on values reported in Appendix C1.



Appendix C17. Fall 70-m dog-handler searched uncleared plot 50m blade length inputs and outputs from the Evidence of Absence Graphical User Interface Single Class Module for Indiana bat and northern long-eared bat. Inputs are based on values reported in Appendix C1.



Appendix C18. Fall 70-m dog-handler searched uncleared plot 57m blade length inputs and outputs from the Evidence of Absence Graphical User Interface Single Class Module for Indiana bat and northern long-eared bat. Inputs are based on values reported in Appendix C1.



Appendix C19. Fall 70-m dog-handler searched cleared plot 50m blade length inputs and outputs from the Evidence of Absence Graphical User Interface Single Class Module for Indiana bat and northern long-eared bat. Inputs are based on values reported in Appendix C1.

```
EoA, v2.0.7 - Single Class Module
                                                                                                                          ×
Edit Help
 Detection Probability (g)
 Search Schedule
                                  Searcher Efficiency
                                                                      Persistence Distribution
 Start of monitoring
                   2021-08-01
                                 C Carcasses available for several searches
                                                                      C Use field trials to estimate parameters
                                                                                                           View/Edit
   (yyyy-mm-dd)
                                  95% Cls: p e [0.53, 0.675], k e [0.657, 0.818]
                                                                      Distribution: Lognormal with shape (\alpha) = 4.078 and scale (\beta) = 1.171
 · Formula
                                    \hat{p} = 0.62, \hat{k} = 0.736 View Edit
                                                                       r = 0.653 for Ir = 3.5, with 95% Cls: r = [0.541, 0.775], β = [0.488, 1.854]
  Search interval (I)
                   3.5
  Number of searches 23
                                                                     Carcasses removed after one search
 C Custom Edit/View
                                                              73
                                        Carcasses available
                                                                                    Parameters
                                                                      Exponential
                                           Carcasses found
                                                            53
  span = 182, I (mean) = 7
                                                                       Weibull
Log-Logistic
                                                                                                0.75
                                                                                    shape (a)
                                    p = 0.726, with 95% CI = [0.616, 0.818]
                                                                                    scale (B)
                                                                                                16.61 lwr 11.54 upr
                                                                                                                   23.0
                                     Factor by which searcher
  Spatial coverage (a) 0.91
                                                                      Lognormal
                                                                                  r = 0.854 for lr = 3.5, with 95% Cl: r ∈ [0.817, 0.884]
                                                             0.67
                                      efficiency changes with
 Temporal coverage (v) 0.89
                                         each search (k)
            Estimate q
 Fatality estimation (M, \lambda)
  Carcass Count (X)
                    0
                        Estimate M

    One-sided CL(M*)
    C Two-sided CL

                                                                                                            Close
 Credibility level (1 - a) 0.9
                        Estimate \lambda
R Estimated detection probability (g)
                                                                                           - - -
 Summary statistics for estimation of detection probability (g)
 Results:
 Full site for full year
    Estimated g = 0.61, 95% CI = [0.56, 0.658]
    Fitted beta distribution parameters for estimated g: Ba = 234.3414, Bb = 150.027
 Full site for monitored period, 01-Aug-2021 through 20-Oct-2021
    Estimated g = 0.685, 95% CI = [0.629, 0.738]
    Fitted beta distribution parameters for estimated g: Ba = 189.4309, Bb = 87.0976
    Temporal coverage (within year) = 0.89
 Searched area for monitored period, 01-Aug-2021 through 20-Oct-2021
    Estimated g = 0.753, 95% CI = [0.69, 0.81]
    Fitted beta distribution parameters for estimated g: Ba = 148.6505, Bb = 48.8175
 Input:
 Search parameters
    trial carcasses placed = 73, carcasses found = 53
    estimated searcher efficiency: p = 0.726, 95% CI = [0.616, 0.818]
    k = 0.67
    Search schedule: Search interval (I) = 3.5, number of searches = 23, span = 80.5
      spatial coverage: 0.91
                                     temporal coverage: 0.89
 Carcass persistence:
    Log-Logistic persistence distribution
       shape (a) = 0.75 and scale (B) = 16.61
       95% CI & = [11.54, 23.9]
       r = 0.854 for Ir = 3.5 with 95% CI = [0.817, 0.884]
       Parameters entered manually
    Uniform arrivals
```

Appendix C20. Fall 70-m dog-handler searched cleared plot 57m blade length inputs and outputs from the Evidence of Absence Graphical User Interface Single Class Module for Indiana bat and northern long-eared bat. Inputs are based on values reported in Appendix C1.

```
EoA, v2.0.7 - Single Class Module
                                                                                                                          X
Edit Help
 Detection Probability (g)
 Search Schedule
                                  Searcher Efficiency
                                                                      Persistence Distribution
 Start of monitoring
                   2021-08-01
                                 C Carcasses available for several searches
                                                                      C Use field trials to estimate parameters
                                                                                                          View/Edit
   (yyyy-mm-dd)
                                  95% Cls: p ∈ [0.53, 0.675], k ∈ [0.657, 0.818]
                                                                      Distribution: Lognormal with shape (\alpha) = 4.078 and scale (\beta) = 1.171
 · Formula
                                    p = 0.62, k = 0.736 View Edit
                                                                      r = 0.679 for Ir = 3, with 95% CIs: r = [0.561, 0.792], B = [0.488, 1.854]
  Search interval (I)
                     3
  Number of searches 27

    Enter parameter estimates manually
    View

                                 Carcasses removed after one search
                                                              73
 C Custom Edit/View
                                         Carcasses available
                                                                                    Parameters
                                           Carcasses found 53
                                                                      Exponential
  span = 182, I (mean) = 7
                                                                                                0.75
                                                                                   shape (a)
                                                                       Weibull
                                    p = 0.726, with 95% CI = [0.616, 0.818]
                                                                       Log-Logistic
                                                                                    scale (β) 16.61 lwr 11.54 upr 23.9
  Spatial coverage (a) 0.97
                                     Factor by which searcher
                                                                       Lognormal
                                                                                   r = 0.867 for lr = 3, with 95% CI: r ∈ [0.833, 0.895]
                                      efficiency changes with
each search (k)
                                                             0.67
 Temporal coverage (v) 0.89
            Estimate g
 Fatality estimation (M, \lambda)
  Carcass Count (X)
                        Estimate M
                                       One-sided CI (M*)
                                                           C Two-sided Cl
                   0
                                                                                                            Close
 Credibility level (1 - a) 0.9
                       Estimate \lambda
                                                                                           - - -
R Estimated detection probability (g)
 Summary statistics for estimation of detection probability (g)
 Results:
 Full site for full year
    Estimated g = 0.664, 95% CI = [0.61, 0.715]
     Fitted beta distribution parameters for estimated g: Ba = 205.0687, Bb = 103.9815
 Full site for monitored period, 01-Aug-2021 through 21-Oct-2021
    Estimated g = 0.746, 95% CI = [0.684, 0.802]
    Fitted beta distribution parameters for estimated g: Ba = 155.7427, Bb = 53.1526
    Temporal coverage (within year) = 0.89
 Searched area for monitored period, 01-Aug-2021 through 21-Oct-2021
    Estimated g = 0.769, 95% CI = [0.705, 0.826]
     Fitted beta distribution parameters for estimated g: Ba = 141.68, Bb = 42.6523
 Input:
 Search parameters
    trial carcasses placed = 73, carcasses found = 53
    estimated searcher efficiency: p = 0.726, 95% CI = [0.616, 0.818]
     k = 0.67
    Search schedule: Search interval (I) = 3, number of searches = 27, span = 81
       spatial coverage: 0.97
                                      temporal coverage: 0.89
 Carcass persistence:
    Log-Logistic persistence distribution
       shape (a) = 0.75 and scale (B) = 16.61
       95% CI B = [11.54, 23.9]
       r = 0.867 for Ir = 3 with 95% CI = [0.833, 0.895]
       Parameters entered manually
    Uniform arrivals
```

Appendix C21. Fall 90-m dog-handler searched cleared plot 68m blade length inputs and outputs from the Evidence of Absence Graphical User Interface Single Class Module for Indiana bat and northern long-eared bat. Inputs are based on values reported in Appendix C1.

```
EoA, v2.0.7 - Single Class Module
                                                                                                                        ×
Edit Help
 Detection Probability (g)
 Search Schedule
                                 Searcher Efficiency
                                                                    Persistence Distribution
 Start of monitoring
                   2021-08-01
                                C Carcasses available for several searches
                                                                    C Use field trials to estimate parameters
                                                                                                        View/Edit
   (yyyy-mm-dd)
                                 95% Cls: p ∈ [0.53, 0.675], k ∈ [0.657, 0.818]
                                                                     Distribution: Lognormal with shape (\alpha) = 4.078 and scale (\beta) = 1.171
 · Formula
                                   \hat{p} = 0.62, \hat{k} = 0.736 View Edit
                                                                     r = 0.679 for Ir = 3, with 95% CIs: r = [0.561, 0.792], \beta = [0.488, 1.854]
  Search interval (I)
                     3
  Number of searches 27

    Enter parameter estimates manually
    View

                                · Carcasses removed after one search
 C Custom Edit/View
                                                            73
                                       Carcasses available
                                                                                  Parameters
                                                                     Exponential
                                          Carcasses found
                                                           53
  span = 182, I (mean) = 7
                                                                     Weibull
Log-Logistic
                                                                                              0.75
                                                                                  shape (a)
                                   p = 0.726, with 95% CI = [0.616, 0.818]
                                                                                   scale (B)
                                                                                              16.61 lwr 11.54 upr
                                                                                                                23.9
  Spatial coverage (a) 0.96
                                     Factor by which searcher
                                                                     Lognormal
                                                                                 r = 0.867 for lr = 3, with 95% Cl: r ∈ [0.833, 0.895]
                                                           0.67
                                     efficiency changes with
 Temporal coverage (v) 0.89
                                        each search (k)
           Estimate q
 Fatality estimation (M, \lambda)
  Carcass Count (X)
                   0
                       Estimate M

    One-sided CL(M*)
    C Two-sided CL

                                                                                                          Close
 Credibility level (1 - a) 0.9
                       Estimate \lambda
                                                                                          - - -
R Estimated detection probability (g)
 Summary statistics for estimation of detection probability (g)
 Results:
 Full site for full year
    Estimated g = 0.656, 95% CI = [0.605, 0.705]
    Fitted beta distribution parameters for estimated g: Ba = 223.9282, Bb = 117.479
 Full site for monitored period, 01-Aug-2021 through 21-Oct-2021
    Estimated g = 0.737, 95% CI = [0.678, 0.792]
    Fitted beta distribution parameters for estimated g: Ba = 169.7203, Bb = 60.5865
    Temporal coverage (within year) = 0.89
 Searched area for monitored period, 01-Aug-2021 through 21-Oct-2021
    Estimated g = 0.768, 95% CI = [0.706, 0.824]
    Fitted beta distribution parameters for estimated g: Ba = 151.1436, Bb = 45.7423
 Input:
 Search parameters
    trial carcasses placed = 73, carcasses found = 53
    estimated searcher efficiency: p = 0.726, 95% CI = [0.616, 0.818]
    k = 0.67
    Search schedule: Search interval (I) = 3, number of searches = 27, span = 81
      spatial coverage: 0.96
                                    temporal coverage: 0.89
 Carcass persistence:
    Log-Logistic persistence distribution
       shape (a) = 0.75 and scale (B) = 16.61
       95% CI B = [11.54, 23.9]
       r = 0.867 for Ir = 3 with 95% CI = [0.833, 0.895]
       Parameters entered manually
    Uniform arrivals
```

Appendix C22. Fall 90-m dog-handler searched cleared plot 75m blade length inputs and outputs from the Evidence of Absence Graphical User Interface Single Class Module for Indiana bat and northern long-eared bat. Inputs are based on values reported in Appendix C1.

dit Help											
Options				Actions							
0						~	la l				
Overall				Add class Cal	culate	Clear	Close				
C Estimate total mor	ality (M)			Class	dwp	Х	Ba	Bb	ĝ	95%	CI
Credibility level (1	- α) 0.8	One-sided		unsearched	0	0			0	[0,	0]
		C Two-sided	CI	S 100-RP 50m	0.41	0	430	7338.85	0.05535	[0.0504,	0.060
Estimate overall de	tection proba	bility (g)		S 100-RP 57m	0.36	0	363.09	3376.32	0.0971	[0.0878,	0.10
Individual classes				S 100-RP 68m	0.03	0	453.54	8506.45	0.05062	[0.0462,	0.055
C Calculate g parame	eters from mo	nitoring data		S 100-RP 75m	0.09	0	411.13	7260.34	0.05359	[0.0487,	0.05
Enter g parameters		-		S 90-CI 68m NA	0.01	0	15.6	6.91	0.693	[0.493,	0.86
citer g porometers	indiadaly			S 90-CI 75m NA	0.03	0	15.67	6.79	0.6977	[0.498,	0.86
				S 90-CI 68m	0.01	0	138.37	20.4	0.8715	[0.815,	0.919
				S 90-CI 75m	0.06	0	131.22	18.12	0.8787	[0.822,	-
				F 100-RP 50m	0.25	0	818.15	11658.21	0.06558		-
				F 100-RP 57m	0.19	0	975.35	7754.89	0.1117	[0.105,	
				F 100-RP 68m	0.02	0	987.81	16361.32	0.05694		
				F 100-RP 75m	0.1	0	887.88	13491.77		[0.0579,	
				F 70-UC 50m	0.13	0	204.82	119.54	0.6315	[0.578,	_
				F 70-UC 57m	0.15	0	198.99	91.4	0.6853	[0.631,	-
				F 70-CI 50m	0.03	0	198.72	113.71	0.636	[0.582,	_
				F 70-CI 57m	0.02	0	182.76	85.63	0.6809	[0.624,	
				F 70-CI 68m F 70-CI 75m	0.03	0	165.29	55.78 57.37	0.7477	[0.689,	
F 70-Cl 68m F 70-Cl 75m esults for full si	0.08 0	0 165.3 55.78 0 160.4 57.37									
Estimated $g = 0.2$ Fitted beta distr Nortality Test of assumed rel Class unsearched S 100-RP 50m S 100-RP 75m S 100-RP 75m S 90-C1 68m NA S 90-C1 68m S 90-C1 68m F 100-RP 50m F 100-RP 50m F 100-RP 75m F 100-RP 75m F 70-UC 50m	ibution pas Assumed -1.000 0.360 0.030 0.030 0.010 0.030 0.010 0.030 0.010 0.050 0.250 0.190 0.020 0.130	The second secon	imated g: Ba	= 3518.9073, E	3b = 10	637.266	3				
F 70-UC 57m		[0.000, 0.144] [0.000, 0.145]									

Appendix C23. Inputs and outputs from the Evidence of Absence Graphical User Interface Multiple Class Module for Indiana bat and northern long-eared bat. Inputs are based on values reported in the main text and Appendices C2 – C4.

⁷ EoA, v2.0.7 - Multiple Years Module dit Help	
nt rich	Options
Past monitoring and operations data	Fatalities
Year p X Ba Bb ĝ 95% Cl 2020 0.89 1 323.4 1417.479 0.1858 [0.168, 0.204] 2021 1 1 2381.963 4899.431 0.3271 [0.316, 0.338]	 C Estimate M Credibility level (1 - a) 0.5 [®] Total mortality [®] One-sided Cl (M*) [®] Two-sided Cl Project parameters Total years in project 30 Mortality threshold (T) 60 [®] Track past mortality [®] Projection of future mortality and estimates Future monitoring and operations [®] g and p unchanged from most recent year g 0.08 95% Cl: 0.07 Cli 0.09 p 1
	$\begin{tabular}{ c c c c } \hline C & g \mbox{ and } p \mbox{ vary among future years} \\ \hline \hline Average Rate \\ \hline \hline \hline Average Rate \\ \hline \hline \hline Estimate average annual fatality rate ($$$) \\ \hline Annual rate theshold ($$$$) \\ \hline \ Annual rate theshold ($$$$$) \\ \hline \hline \ C redibility level for Cl ($$$$$$$$1-$$$$$$$$$$$$$$$$$$$$$$$$$$$$$
Short-term Trigger hort-term trigger: Test of average fatality rate (lambda) ove ears: 2020 - 2021	r 2 years
Results Estimated overall detection probability: g = 0.261, 95% CI = [Ba = 1811, Bb = 5139.3 Estimated annual fatality rate over the past 2 years: lambda = P(lambda > 10.8) = 0.0467 Compliance: Cannot infer lambda > 10.8 with 90% credibility	4.8, 95% CI = [0.797, 12.3]
Input Fhreshold for short-term rate (tau) = 10.8 per year	
Period rel_wt X Ba Bb ghat 95% CI 2020 0.890 1 323.4 1417 0.186 [0.168, 0.204] 2021 1.000 1 2382 4899 0.327 [0.316, 0.338]	

Appendix C24. Inputs and outputs from the Evidence of Absence Graphical User Interface Multiple Years Module for the M* calculation for Indiana bat, and inputs and outputs from the Evidence of Absence Graphical User Interface Multiple Years Module for the shortterm trigger test for Indiana bat.

```
- • • ×
Mortality over 2 years
                                                                                             ~
Summary statistics for total mortality through 2 years
            -------
_____
Results
M* = 8 for 1 - a = 0.5, i.e., P(M <= 8) >= 50%
Estimated overall detection probability: g = 0.261, 95% CI = [0.25, 0.271]
  Ba = 1811, Bb = 5139.3
Estimated baseline fatality rate: lambda = 5.079, 95% CI = [0.844, 13]
Test of assumed relative weights (rho) and potential bias
                                                                  Fitted rho
Assumed rho 95% CI
  0.89
        [0.168, 1.831]
          [0.056, 1.706]
     1
p = 0.6329 for likelihood ratio test of H0: assumed rho = true rho
Quick test of relative bias: 0.909
Posterior distribution of M
    p(M = m) p(M > m)
m
      0.0000 1.0000
0.0000 1.0000
0
      0.0000 1.0000 0.0337 0.9663
1
2
3
     0.0630 0.9033
      0.0821 0.8212
4
5
      0.0914
              0.7298
      0.0933
              0.6365
6
7
     0.0898 0.5467
             0.4635
8
      0.0832
9
      0.0748
10
     0.0658 0.3229
11
     0.0568 0.2661
12
      0.0484
              0.2177
13
      0.0407
              0.1771
14
     0.0339 0.1432
             0.1153
      0.0279
15
16
      0.0229
              0.0924
      0.0186 0.0737
17
18
      0.0151 0.0586
             0.0465
19
      0.0122
20
      0.0097
              0.0367
      0.0078 0.0290
21
22
      0.0062 0.0228
23
      0.0049
              0.0179
      0.0039 0.0140
24
      0.0031 0.0109
25
26
      0.0024 0.0085
27
      0.0019
              0.0066
28
      0.0015
              0,0051
29
     0.0012 0.0040
              0.0031
      0.0009
30
31
      0.0007
              0.0024
      0.0005 0.0018
32
33
      0.0004 0.0014
```

Appendix C24 continued. Inputs and outputs from the Evidence of Absence Graphical User Interface Multiple Years Module for the M* calculation for Indiana bat, and inputs and outputs from the Evidence of Absence Graphical User Interface Multiple Years Module for the short-term trigger test for Indiana bat.

EoA, v2.0.7 - Multiple Years Module	- D >
Edit Help	
	Options
Past monitoring and operations data	Fatalities
Year p X Ba Bb ĝ 95% Cl 2020 0.89 1 323.4 1417.479 0.1858 [0.168, 0.204] 2021 1 1 2381.963 4899.431 0.3271 [0.316, 0.338]	 C Estimate M Credibility level (1 - o) 0.5 C Total mortality C Two-sided CI (M*) C Two-sided CI Project parameters Total years in project 30 Mortality threshold (1) 60 C Track past mortality C Projection of future mortality and estimates Future monitoring and operations © g and ρ unchanged from most recent year g 0.08 95% CI: 0.07 0.09 ρ 1 C g and ρ vary among future years
	Average Rate Image: Estimate average annual fatality rate (λ) Annual rate theshold (τ) 2.3 Image: Credibility level for Cl (1- α) 0.9 Image: Short-term rate ($\lambda > \tau$) Term: 2 α Image: Credibility level for Cl (1- α) 0.9 Image: Short-term rate ($\lambda > \tau$) Term: 2 α Image: Credibility level for Cl (1- α) 0.9 Image: Calculate Close
R Short-term Trigger Short-term trigger: Test of average fatality rate (lambda) ove Years: 2020 - 2021	er 2 years
Input Threshold for short-term rate (tau) = 2.5 per year	
Period rel_wt X Ba Bb ghat 95% CI 2020 0.890 1 323.4 1417 0.186 [0.168, 0.204] 2021 1.000 1 2382 4899 0.327 [0.316, 0.338]	

Appendix C25. Inputs and outputs from the Evidence of Absence Graphical User Interface Multiple Years Module for the short-term trigger test for northern long-eared bat, and inputs and outputs from the Evidence of Absence Graphical User Interface Multiple Years Module for the M* calculation for northern long-eared bat.

```
- • •
R Mortality over 2 years
                                                                                   ~
Summary statistics for total mortality through 2 years
 ------
Results
M* = 8 for 1 - a = 0.5, i.e., P(M <= 8) >= 50%
Estimated overall detection probability: g = 0.261, 95% CI = [0.25, 0.271]
  Ba = 1811, Bb = 5139.3
Estimated baseline fatality rate: lambda = 5.079, 95% CI = [0.844, 13]
Test of assumed relative weights (rho) and potential bias
                                                                Fitted rho
Assumed rho
             95% CT
  0.89
         [0.172, 1.825]
     1
           [0.064, 1.713]
p = 0.6329 for likelihood ratio test of HO: assumed rho = true rho
Quick test of relative bias: 0.909
Posterior distribution of M
    p(M = m) p(M > m)
m
             1.0000
      0.0000
0
      0.0000 1.0000
1
2
     0.0337 0.9663
      0.0630 0.9033
3
4
      0.0821
              0.8212
5
      0.0914
              0.7298
      0.0933
              0.6365
6
7
     0.0898
             0.5467
8
     0.0832 0.4635
9
     0.0748 0.3887
10
     0.0658
              0.3229
      0.0568
              0.2661
11
             0.2177
12
      0.0484
     0.0407
             0.1771
13
14
     0.0339 0.1432
15
     0.0279 0.1153
16
      0.0229
             0.0924
      0.0186
17
              0.0737
18
      0.0151
              0.0586
19
      0.0122
             0.0465
20
     0.0097 0.0367
21
     0.0078 0.0290
             0.0228
22
     0.0062
23
      0.0049
              0.0179
24
      0.0039
              0.0140
             0.0109
      0.0031
25
26
     0.0024 0.0085
27
     0.0019 0.0066
      0.0015 0.0051
28
29
      0.0012
              0.0040
      0.0009
              0.0031
30
31
      0.0007
              0.0024
      0.0005 0.0018
32
     0.0004 0.0014
33
```

Appendix C25 Inputs and outputs from the Evidence of Absence Graphical User Interface Multiple Years Module for the short-term trigger test for northern long-eared bat, and inputs and outputs from the Evidence of Absence Graphical User Interface Multiple Years Module for the M* calculation for northern long-eared bat.