



The following documentation is an electronically-submitted vendor response to an advertised solicitation from the *West Virginia Purchasing Bulletin* within the Vendor Self-Service portal at *wvOASIS.gov*. As part of the State of West Virginia's procurement process, and to maintain the transparency of the bid-opening process, this documentation submitted online is publicly posted by the West Virginia Purchasing Division at *WVPurchasing.gov* with any other vendor responses to this solicitation submitted to the Purchasing Division in hard copy format.

Header 2

List View

General Information | Contact | Default Values | Discount | Document Information | Clarification Request

Procurement Folder: 1945307

Procurement Type: Central Master Agreement

Vendor ID: VS0000052393

Legal Name: Volant EcoServices, LLC

Alias/DBA:

Total Bid: \$288,600.00

Response Date: 05/27/2026

Response Time: 9:38

Responded By User ID: Volant

First Name: Mary

Last Name: Gilmore

Email: info@volant.llc

Phone: 4405220067

SO Doc Code: CRFQ

SO Dept: 0313

SO Doc ID: DEP2600000033

Published Date: 5/14/26

Close Date: 5/27/26

Close Time: 13:30

Status: Closed

Solicitation Description: AML - Potential Hibernacula Surveys - AML Sites Northern Reg

Total of Header Attachments: 2

Total of All Attachments: 2



Department of Administration
 Purchasing Division
 2019 Washington Street East
 Post Office Box 50130
 Charleston, WV 25305-0130

**State of West Virginia
 Solicitation Response**

Proc Folder: 1945307
Solicitation Description: AML - Potential Hibernacula Surveys - AML Sites Northern Reg
Proc Type: Central Master Agreement

Solicitation Closes	Solicitation Response	Version
2026-05-27 13:30	SR 0313 ESR05262600000008184	1

VENDOR
 VS0000052393
 Volant EcoServices, LLC

Solicitation Number: CRFQ 0313 DEP2600000033
Total Bid: 288600
Response Date: 2026-05-27
Response Time: 09:38:49
Comments:

FOR INFORMATION CONTACT THE BUYER
 Joseph (Josh) E Hager III
 (304) 558-2306
 joseph.e.hageriii@wv.gov

Vendor Signature X **FEIN#** **DATE**

All offers subject to all terms and conditions contained in this solicitation

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
1	Hibernacula Survey, based on per site, per night	20.00000	EA	7215.000000	144300.00

Comm Code	Manufacturer	Specification	Model #
77111507			

Commodity Line Comments: unit price x 20 = \$144,300

Extended Description:

Hibernacula Survey, based on per site, per night. Esitmated quantities are for bid purposes only.

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
2	Acoustic Surveys, based on per site, per night	20.00000	EA	7215.000000	144300.00

Comm Code	Manufacturer	Specification	Model #
77111507			

Commodity Line Comments: unit price x 20 = \$144,300

Extended Description:

Acoustic Surveys, based on per site, per night. Esitmated quantities are for bid purposes only.



CAPABILITY STATEMENT

COMPANY OVERVIEW

Volant EcoServices, LLC is a woman-owned small business based in Kent, Ohio, specializing in ecological consulting across the eastern United States. We provide professional services in threatened and endangered species surveys, bat research and permitting, habitat assessments, and wetland and stream delineations. With a strong background in wildlife biology and regulatory compliance, our team partners with public and private clients to deliver high-quality, science-based solutions that support conservation and project success.

Volant EcoServices LLC

502 Brentwood Ave
Kent, Ohio
44240

UEI No. QEFLSWAML2D1
CAGE Code: 11K54

CORE COMPETENCIES

- Rare, threatened and endangered bat surveys.
- Wetlands and Streams (delineation, assessment, 401 & 404 permits).
- Ecological services (assessments, bird surveys mammal surveys, reptile & amphibian surveys).
- Biological Inventories
- Habitat evaluations and compliance consulting (NEPA, ESA, MBTA).
- Technical reporting and data management.

PAST PERFORMANCE

2025 - NCDOT (subcontractor) - Investigating tricolored bat roosting ecology in coastal North Carolina. Project currently ongoing.

2024 - TNARNG (prime) - Bat survey inventory at Volunteer Training Site Milan. Captured and tracked 17 rare bats.

2023 - FHWA (prime) - Bird and Bat Documentation of Bridges along the Blue Ridge Parkway and Chincoteague Island. Assessed five bridges and recorded bats and birds using bridges.

2023 - BLM (prime) - Bat Acoustic Survey at Meadowood an Douglas Point Special Recreation Management Areas.

DIFFERENTIATORS

- Biologists holding current USFWS recovery permits for rare and endangered bat surveys.
- Leadership experience – 30+ years combined in endangered species biology, permitting, and field surveys
- Client-focused approach – tailored solutions balancing ecological protection with project goals
- Small, agile team – responsive, cost-effective, and collaborative with primes/agencies

NAICS CODES

541620 - Environmental Consulting
541370 - Survey and Mapping (GIS)

CERTIFICATIONS

- NCDOT approved subcontractor

KEY CLIENTS

- Government Agencies
- Private Sector
- Non-Profit

440 522 0067

www.volant.llc



info@volant.llc

502 Brentwood Ave, Kent, OH, USA



Subject: CRFQ 0313 DEP2600000033 – Potential Hibernacula Surveys – Northern Region

Dear Mr. Hager,

Volant EcoServices is pleased to submit this quotation in response to Solicitation CRFQ 0313 DEP2600000033 for Potential Hibernacula Surveys at Abandoned Mine Land Project Sites in the Northern Region of West Virginia.

Volant is a Small Business Administration certified Woman Owned Small Business specializing in bat survey services throughout the eastern United States. We have extensive experience conducting passive acoustic monitoring and harp trapping and mist netting at both potential and known hibernacula — the precise combination of methods central to this scope of work. Our team has surveyed a wide range of hibernacula settings across Appalachian landscapes, including abandoned mine portals, rock outcrops, and cave entrances, characterizing bat use through acoustic detection and direct capture to support species identification, occupancy assessment, and regulatory determinations.

Our personnel hold the required USFWS WV Field Office Qualified Bat Surveyor credentials and existing federal permits for listed bat species work, including Indiana bat, northern long-eared bat, and gray bat. All surveys will be conducted in strict accordance with the current USFWS Range-wide Indiana Bat and Northern Long-eared Bat Survey Guidelines, including Appendix H requirements for potential hibernacula surveys. We are well-versed in the associated reporting, permitting, and agency coordination requirements and are prepared to meet all deliverables outlined in the scope.

This submission includes:

- Signed solicitation forms
- Pricing information
- Addendum acknowledgment
- AML Contractor Information
- Resumes Key Personnel

We welcome the opportunity to support WVDEP's AML program and are happy to discuss any aspect of our qualifications or approach. Please don't hesitate to reach out.

Sincerely,

A handwritten signature in blue ink that reads 'Mary Gilmore'.

Mary Gilmore
Co-Founder | Principal Ecologist
Volant EcoServices, LLC
440.522.0067
mgilmore@volant.llc



Department of Administration
 Purchasing Division
 2019 Washington Street East
 Post Office Box 50130
 Charleston, WV 25305-0130

State of West Virginia
 Centralized Request for Quote
 Consulting

Proc Folder: 1945307		Reason for Modification:	
Doc Description: AML - Potential Hibernacula Surveys - AML Sites Northern Reg		Addendum #2 is issued to publish agency responses to vendor submitted questions.	
Proc Type: Central Master Agreement			
Date Issued	Solicitation Closes	Solicitation No	Version
2026-05-14	2026-05-27 13:30	CRFQ 0313 DEP2600000033	3

BID RECEIVING LOCATION

BID CLERK
 DEPARTMENT OF ADMINISTRATION
 PURCHASING DIVISION
 2019 WASHINGTON ST E
 CHARLESTON WV 25305
 US

VENDOR

Vendor Customer Code: VS0000052393
Vendor Name : Volant EcoServices, LLC
Address :
Street : 502 Brentwood Ave
City : Kent
State : OH **Country :** USA **Zip :** 44240
Principal Contact : Mary Gilmore
Vendor Contact Phone: 440-522-0067 **Extension:**

FOR INFORMATION CONTACT THE BUYER

Joseph (Josh) E Hager III
 (304) 558-2306
 joseph.e.hageriii@wv.gov

Vendor Signature X *Mary Gilmore*

FEIN# 33-3936353

DATE 27 May 2026

All offers subject to all terms and conditions contained in this solicitation

ADDITIONAL INFORMATION

The West Virginia Purchasing Division is soliciting bids on behalf of West Virginia Department of Environmental Protection, Office of Abandoned Mine Lands (WVDEP/AML) to establish a contract to conduct surveys of unreclaimed or reclaimed mine portals for potential habitation by threatened or endangered species, as determined by the US Fish and Wildlife Service (USFWS) in the Northern Region of West Virginia per the attached specifications and terms and conditions.

INVOICE TO		SHIP TO	
ENVIRONMENTAL PROTECTION 1000 TECHNOLOGY DRIVE		STATE OF WEST VIRGINIA	
FAIRMONT WV		JOBSITE - SEE SPECIFICATIONS	
US		No City WV	
		US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
1	Hibernacula Survey, based on per site, per night	20.00000	EA	\$7,215.00	\$144,300.00

Comm Code	Manufacturer	Specification	Model #
77111507			

Extended Description:

Hibernacula Survey, based on per site, per night. Esitimated quantities are for bid purposes only.

INVOICE TO		SHIP TO	
ENVIRONMENTAL PROTECTION 1000 TECHNOLOGY DRIVE		STATE OF WEST VIRGINIA	
FAIRMONT WV		JOBSITE - SEE SPECIFICATIONS	
US		No City WV	
		US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
2	Acoustic Surveys, based on per site, per night	20.00000	EA	\$7,215.00	\$144,300.00

Comm Code	Manufacturer	Specification	Model #
77111507			

Extended Description:

Acoustic Surveys, based on per site, per night. Esitimated quantities are for bid purposes only.

SCHEDULE OF EVENTS

<u>Line</u>	<u>Event</u>	<u>Event Date</u>
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	Document Phase	Document Description	Page
DEP2600000033	Final	AML - Potential Hibernacula Surveys - AML Sites Northern Reg	3

ADDITIONAL TERMS AND CONDITIONS

See attached document(s) for additional Terms and Conditions

ADDENDUM ACKNOWLEDGEMENT FORM
SOLICITATION NO.: _____

Instructions: Please acknowledge receipt of all addenda issued with this solicitation by completing this addendum acknowledgment form. Check the box next to each addendum received and sign below. Failure to acknowledge addenda may result in bid disqualification.

Acknowledgment: I hereby acknowledge receipt of the following addenda and have made the necessary revisions to my proposal, plans and/or specification, etc.

Addendum Numbers Received:

(Check the box next to each addendum received)

- | | |
|--|--|
| <input checked="" type="checkbox"/> Addendum No. 1 | <input type="checkbox"/> Addendum No. 6 |
| <input checked="" type="checkbox"/> Addendum No. 2 | <input type="checkbox"/> Addendum No. 7 |
| <input type="checkbox"/> Addendum No. 3 | <input type="checkbox"/> Addendum No. 8 |
| <input type="checkbox"/> Addendum No. 4 | <input type="checkbox"/> Addendum No. 9 |
| <input type="checkbox"/> Addendum No. 5 | <input type="checkbox"/> Addendum No. 10 |

I understand that failure to confirm the receipt of addenda may be cause for rejection of this bid. I further understand that any verbal representation made or assumed to be made during any oral discussion held between Vendor's representatives and any state personnel is not binding. Only the information issued in writing and added to the specifications by an official addendum is binding.

Volant EcoServices, LLC

Company



(Mary Gilmore)

Authorized Signature

27 May 2026

Date

NOTE: This addendum acknowledgment should be submitted with the bid to expedite document processing.

Revised 6/8/2012

DESIGNATED CONTACT: Vendor appoints the individual identified in this Section as the Contract Administrator and the initial point of contact for matters relating to this Contract.

(Printed Name and Title) _____

(Address) _____

(Phone Number) / (Fax Number) _____

(email address) _____

CERTIFICATION AND SIGNATURE: By signing below, or submitting documentation through wvOASIS, I certify that: I have reviewed this Solicitation/Contract in its entirety; that I understand the requirements, terms and conditions, and other information contained herein; that this bid, offer or proposal constitutes an offer to the State that cannot be unilaterally withdrawn; that the product or service proposed meets the mandatory requirements contained in the Solicitation/Contract for that product or service, unless otherwise stated herein; that the Vendor accepts the terms and conditions contained in the Solicitation, unless otherwise stated herein; that I am submitting this bid, offer or proposal for review and consideration; that this bid or offer was made without prior understanding, agreement, or connection with any entity submitting a bid or offer for the same material, supplies, equipment or services; that this bid or offer is in all respects fair and without collusion or fraud; that this Contract is accepted or entered into without any prior understanding, agreement, or connection to any other entity that could be considered a violation of law; that I am authorized by the Vendor to execute and submit this bid, offer, or proposal, or any documents related thereto on Vendor's behalf; that I am authorized to bind the vendor in a contractual relationship; and that to the best of my knowledge, the vendor has properly registered with any State agency that may require registration.

By signing below, I further certify that I understand this Contract is subject to the provisions of West Virginia Code § 5A-3-62, which automatically voids certain contract clauses that violate State law; and that pursuant to W. Va. Code 5A-3-63, the entity entering into this contract is prohibited from engaging in a boycott against Israel.

(Company)

(Signature of Authorized Representative)

(Printed Name and Title of Authorized Representative) (Date)

(Phone Number) (Fax Number)

(Email Address)

REQUEST FOR QUOTATION
Potential Hibernacula Surveys at Abandoned Mine Land Project Sites
Northern Region

11.1.4. Failure to remedy deficient performance upon request.

11.2. The following remedies shall be available to Agency upon default.

11.2.1. Immediate cancellation of the Contract.

11.2.2. Immediate cancellation of one or more release orders issued under this Contract.

11.2.3. Any other remedies available in law or equity.

12. MISCELLANEOUS:

12.1. Contract Manager: During its performance of this Contract, Vendor must designate and maintain a primary contract manager responsible for overseeing Vendor's responsibilities under this Contract. The Contract manager must be available during normal business hours to address any customer service or other issues related to this Contract. Vendor should list its Contract manager and his or her contact information below.

Contract Manager: Mary Gilmore

Telephone Number: 440-522-0067

Fax Number: _____

Email Address: mgilmore@volant.llc

ABANDONED MINE LANDS (AML) CONTRACTOR INFORMATION FORM

You must complete this form for your AML contracting officer to request an eligibility evaluation from the Office of Surface Mining Reclamation and Enforcement (OSMRE) to determine if you are eligible to receive an AML contract. This requirement can be found under OSMRE's regulations at 30 CFR 874.16. **NOTE:** This form must be signed and **dated within 30 days** of submission to be considered for a current bid.

Part A: General Information

Business Name: Volant EcoServices, LLC
 Tax ID #: 33-3936353
 Address: 502 Brentwood Ave.
 City, State, & Zip: Kent, OH 44240
 Phone Number: 440-522-0067
 Email Address: mgilmore@volant.llc

Part B: Obtain an Organizational Family Tree (OFT) from the Applicant Violator System (AVS)

If you plan to certify the existing AVS information or submit updates under Part C, you must include an OFT. Instructions for downloading an OFT from the AVS can be found at: <https://www.osmre.gov/sites/default/files/2022-02/OMB%201029-0119%20instructions.pdf>. If you require assistance you may contact the AVS Office by phone at: 800-643-9748, or by email at: avshelp@osmre.gov.

Part C: Certifying and updating information in the AVS

Select one of the options, follow the instructions for the selected option, sign, and date below.

I, _____, have express authority to certify that:
 (Print Name)

1. Our business is listed in the AVS. The information is accurate, complete, and up to date. (If you select this option, you must attach an Entity OFT from the AVS to this form). Do not complete Part D.
2. Our business is in the AVS. The information needs to be updated. (If you select this option, you must attach an Entity OFT from the AVS to this form). Complete Part D to provide the missing or corrected information.
3. Our business is not listed in the AVS. The information needs to be added. Complete Part D to provide the information.

27 May 2026

Date

Mary Gilmore
Signature

Co-Founder, Principal Ecologist

Title

Part D: OFT Information

Contractor's Business Name: Volant EcoServices, LLC

If the current Entity OFT information for your business is incomplete in the AVS, or if there is no information in the AVS for your business, you must provide all of the following information as it applies to your business. Please include additional copies of this page if the space below is not sufficient to capture all information.

- Every officer (President, Vice President, Secretary, Treasurer, etc.);
- All Directors, Partners, and Members;
- All persons performing a function similar to a Director;
- Every person or business that owns 10% or more of the voting stock in your business;
- Any other person(s) who has the ability to determine the manner in which the AML reclamation project is being conducted.
- **Please list an end date for any person who is no longer with your business.**

Name: Mary Gilmore
 Address: 502 Brentwood Ave
 City, State, Zip: Kent, OH 44240
 Begin Date: 16 February 2025
 End Date: N/A
 % Ownership: 51%
 Position/Title: Co-Founder, Principal Ecologist
 Phone Number: 440-522-0067

Name: Dan Cox
 Address: 502 Brentwood Ave
 City, State, Zip: Kent, OH 44240
 Begin Date: 16 February 2025
 End Date: N/A
 % Ownership: 49%
 Position/Title: Co Founder\Principal Ecologist
 Phone Number: 895-351-3919

Name: _____
 Address: _____
 City, State, Zip: _____
 Begin Date: _____
 End Date: _____
 % Ownership: _____
 Position/Title: _____
 Phone Number: _____

Name: _____
 Address: _____
 City, State, Zip: _____
 Begin Date: _____
 End Date: _____
 % Ownership: _____
 Position/Title: _____
 Phone Number: _____

PAPERWORK REDUCTION STATEMENT

The Paperwork Reduction Act of 1995 (44 U.S.C 3501) requires us to inform you that: Federal Agencies may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a current valid OMB control number. This information is necessary for all successful bidders prior to the distribution of AML funds, and is required to obtain a benefit.

Public reporting burden for this form is estimated to range from 15 minutes to one hour, with an average of 30 minutes per response, including time for reviewing instructions, gather and maintaining data, and completing and reviewing the form. You may direct comments regarding the burden estimate or any other aspect of this form to the Information Collection Clearance Officer, Office of Surface Mining Reclamation and Enforcement, 1849 C Street, NW, Room 4559, Washington, DC 20240.



MARY GILMORE

C O - F O U N D E R | P R I N C I P A L E C O L O G I S T

☎ 440.522.0067

✉ mgilmore@volant.llc

📍 Kent, OH

EDUCATION

BS Forestry & Wildlife Management

The Ohio State University
2008

TRAININGS

- Acoustic Techniques Analysis Course, Titley Scientific
- AnalookW Analysis Course, Titley Scientific
- 40 hr USACE Basic Wetland Delineation, Wetland Training Institute, Inc.
- Ohio Rapid Assessment Method (ORAM)
- Headwater Habitat Evaluation Index (HHEI) Training
- Qualitative Habitat Evaluation Index (QHEI) Training
- CSX FRA Training
- Canadian National Railroad Training
- 40 hr OSHA HAZWOPER Training
- 10 hr OSHA Safety Training

CERTIFICATIONS

USFWS Native Endangered & Threatened Species Recovery Permit - Indiana bat, northern long-eared bat, gray bat



CAREER SUMMARY

Mary Gilmore is an experienced ecologist and has worked throughout the eastern United States since 2008. Ms. Gilmore holds a USFWS bat recovery permit for the Indiana bat, northern long-eared bat, and gray bat, and is listed as a Qualified Bat Surveyor with the State of West Virginia and the Commonwealth of Pennsylvania. She has extensive field experience leading bat surveys across the eastern U.S., including mist-net surveys, acoustic detection and analysis, conducting ground/aerial radio telemetry, cave surveys, harp trapping, and knowledge of threatened and endangered bats and their habitat. She has extensive experience conducting both regulatory surveys and inventory projects for endangered species of bats on proposed natural gas pipelines, proposed coal mines, DoD facilities, Federal Highway Administration projects, state-owned conservation lands, and state DOT projects. Her extensive ecological experience includes bat surveys, vegetation surveys, aquatic insect sampling, freshwater mussel surveys, avian surveys, and amphibian population monitoring.

WORK EXPERIENCE

Co-founder | Principal Ecologist

Kent, OH | February, 2025 - Present

Volant conducts ecological surveys across the U.S., helping clients navigate the complexities of environmental regulations while staying grounded in solid science.

Volant specializes in bat conservation, regulatory compliance, and small to large-scale bioinventories and works with a diverse range of clients, including state and federal agencies, nonprofit organizations, and private sector partners.

Selected Project Experience

Bat Hibernacula and Acoustic Survey, 2026

- Hibernacula search resulted in one hibernacula with two tricolored bats and several mine openings. Acoustic monitoring of both found and potential hibernacula is ongoing.

Potential Hibernacula Survey, Pennsylvania, 2026

- Conducted a potential hibernacula survey by foot and an approximately 25-acre site in Eastern PA.

Tricolored Bat Tracking Project, 2024 and 2025

- Conducted mist-net surveys and radio telemetry to document fall behavior and habitat use of tricolored bats throughout coastal North Carolina. Surveys were conducted on national forest, state, and public lands.

Tennessee Army National Guard Training Site – Milan, 2024

- Utilized mist-net and acoustic surveys and ground radio telemetry techniques to document the spatial and temporal use and distribution of bats within the training facility targeting rare/endangered bats. Acoustic data was first analyzed using Kaleidoscope Pro and then manually vetted to confirm species presence/absence.

WSP Environment & Infrastructure and the Tennessee Valley Authority, Tennessee and Alabama, 2023

- Conducted rare bat presence/absence mist net surveys and associated radio tracking for three proposed project areas.

Bureau of Land Management – Eastern States, Virginia and Maryland, 2023

- Conducted a planning level bat habitat assessments and acoustic surveys to identify all bat species utilizing Meadowood Special Recreation Management Area and Douglas Point SRMA.

King Coal Highway Project – Section 1, West Virginia Division of Highways, West Virginia, 2023

- Conducted a rare bat presence/absence mist net survey along a proposed addition highway addition. Portal searches were completed and harp trapping of potential hibernacula.

USDOT Federal Highway Administration, Virginia, 2023

- Conducted bat inspections at two bridges that provide access to the Assateague Island National Seashore.

USDOT Federal Highway Administration, Virginia and North Carolina, 2023

- Conducted bat surveys and bird nesting documentation at three bridges occurring in Virginia and North Carolina.

Barr Engineering, Kansas and Missouri, 2023

- Conducted acoustic bat surveys at proposed river crossing.

NASA Glenn Research Center – Neil A. Armstrong Test Facility and Lewis Field, 2022 and 2016

- Utilized mist-net and acoustic surveys to document the presence/absence of bats within the facilities targeting rare/ endangered bats. Acoustic data was first analyzed using Kaleidoscope Pro and then manually vetted to confirm species presence/absence.

Great Parks of Hamilton County, Ohio, 2022

- Conducted acoustic bat survey at barn prior to renovations. Calls were auto-ID and manually vetted.

Tennessee Army National Guard Training Sites – Catoosa, Milan, and Smyrna, 2020 – 2021

- Utilized mist-net and acoustic surveys and ground/aerial radio telemetry techniques to document the spatial and temporal use and distribution of bats within the training facilities targeting rare/ endangered bats. Acoustic data was first analyzed using Kaleidoscope Pro and then manually vetted to confirm species presence/absence.

Angelo State University, 2018.

- Volunteered - Harp trapping Mexican Long-nosed bats in Big Bend National Park with Graduate Student.

Marsha Gunder-Schneider Nature Preserve and DiNovo-Poston Property, Ohio, 2017

- Conducted bat species inventory of both properties, which included mist netting, acoustic surveys, and radio telemetry.

Pennsylvania Turnpike Commission, Mon/Fayette Expressway PA 51 to I-376 Mist-Net Survey, Allegheny County, PA, 2019

- Conducted mist-net surveys along a 14-mile proposed highway corridor targeting state and federally listed bat species. Portals were documented and assessed for potential bat habitat. Portals exhibiting qualities supporting bat habitat were surveyed using harp traps and mist-nets, along with acoustic detectors, to determine the presence of hibernating bats.



DAN COX

C O - F O U N D E R | P R I N C I P A L E C O L O G I S T

☎ 859.351.3919

✉ dcox@volant.llc

📍 Kent, OH

EDUCATION

GRADUATE CERTIFICATE IN APPLIED STATISTICS

University of Kentucky
2007

MS BIOLOGICAL SCIENCES

Eastern Illinois University
2005

BS ZOOLOGY

Eastern Illinois University
2001

TRAININGS

- Evaluating Acoustic Bat Surveys for ESA Compliance, USFWS
- Anabat Techniques Workshop, Northtronics USA

CERTIFICATIONS

USFWS Native Endangered & Threatened Species Recovery Permit - Indiana bat, northern long-eared bat, gray bat

CAREER SUMMARY

Dan Cox has been conducting field research throughout the eastern United States since 2003. As a research associate at the University of Kentucky, Mr. Cox's research focused on the effects of prescribed burning on two federally listed species of bats (Indiana bat and northern long-eared bat). He has extensive experience conducting presence/probable absence regulatory surveys for rare bat species on proposed natural gas pipelines, proposed coal mines, proposed wind energy facilities, DoD facilities, Federal Highway Administration projects, state-owned conservation lands, and state DOT projects. Mr. Cox's experience not only includes surveying various rare species of flora and fauna, but also includes writing management plans for those species and implementing habitat management. He is proficient in a variety of field techniques, including mist-netting, Harp trapping, acoustic surveys, cave surveys, live-trapping, pitfall trapping, attaching transmitters to bats, habitat management, avian surveys, herpetofauna surveys, and aerial/ground radio telemetry.

WORK EXPERIENCE

Co-founder | Principal Ecologist

Kent, OH | February, 2025 - Present

Volant conducts ecological surveys across the U.S., helping clients navigate the complexities of environmental regulations while staying grounded in solid science.

Volant specializes in bat conservation, regulatory compliance, and small to large-scale bioinventories and works with a diverse range of clients, including state and federal agencies, nonprofit organizations, and private sector partners.

Selected Project Experience

Bat Hibernacula & Acoustic Survey, 2026

- Bat hibernacula survey at Shaker Village, KY. One hibernacula was found with two tricolored bats. Acoustic monitoring of both found and potential hibernacula is ongoing.

Potential Hibernacula Survey, Pennsylvania, 2026

- Conducted a potential hibernacula survey by foot at an approximately 25-acre site in Eastern Pennsylvania.

Shaker Village of Pleasant Hill, Kentucky, 2025

- Conducted a bat species inventory to help identify areas of conservation importance within the property.

Tricolored Bat Tracking Project, 2024 & 2025

- Conducted mist-net surveys and radio telemetry to document fall behavior and habitat use of tricolored bats throughout coastal North Carolina. Surveys were

WSP Environment & Infrastructure and the Tennessee Valley Authority, Tennessee and Alabama, 2023

- Conducted portal searches for potential bat winter habitat in three proposed project areas.

Bureau of Land Management – Eastern States, Virginia and Maryland, 2023

- Conducted a planning level bat habitat assessments and acoustic surveys to identify all bat species utilizing Meadowood Special Recreation Management Area and Douglas Point SRMA.

NASA Glenn Research Center – Neil A. Armstrong Test Facility and Lewis Field, 2022 and 2016

- Utilized mist-net and acoustic surveys to document the presence/absence of bats within the facilities targeting rare/endangered bats. Acoustic data was first analyzed using Kaleidoscope Pro and then manually vetted to confirm species presence/absence.

Tennessee Army National Guard Training Sites – Catoosa, Milan, and Smyrna, 2020 – 2021

- Utilized mist-net and acoustic surveys and ground/aerial radio telemetry techniques to document the spatial and temporal use and distribution of bats within the training facilities targeting rare/endangered bats. Acoustic data was first analyzed using Kaleidoscope Pro and then manually vetted to confirm species presence/absence.

Pennsylvania Turnpike Commission, Mon/Fayette Expressway PA 51 to I-376 Mist-Net Survey, Allegheny County, PA, 2019

- Conducted mist-net surveys along a 14-mile proposed highway corridor targeting state and federally listed bat species. Project responsibilities involved selection of mist-net site locations, radio telemetry to locate roost trees. Portals were documented and assessed for potential bat habitat. Portals exhibiting qualities supporting bat habitat were surveyed using harp traps and mist-nets, along with acoustic detectors, to determine the presence of hibernating bats.

Burgess & Niple / West Virginia Division of Highways, 2018

- Surveyed 4.6-mile proposed highway corridor for endangered bats and potential bat portals. A total of 70 net-nights were completed, and two northern long-eared bats were captured during mist-net surveys.

Prologis Industrial Park, Illinois, 2018

- Conducted a rare bat acoustic survey for a 201-acre area of a proposed industrial park. The acoustic data was first analyzed using Kaleidoscope Pro and then manually vetted to confirm species presence/absence.

US33 Scott Miller Hill Bypass Project, West Virginia, 2016

- Conducted fall portal surveys for rare bat species using mist nets, harp traps, and acoustic detectors.

Spice Creek Strip Mine, McDowell County, West Virginia, Gress Engineering Corp., 2010

- Assessed and surveyed a portal for potential Indiana bat (*Myotis sodalis*) winter habitat. Duties included habitat assessment, data analysis, report preparation, and coordination with regulatory agencies.

Effects of Blasting on Bat Hibernaculum, Clark County, Kentucky, Palmer Engineering Company Inc., 2010

- Conducted AnaBat acoustic surveys for presence of bats and determined effects of blasting on hibernating bats. Duties included acoustic monitoring, report preparation, data analysis, and coordination with regulatory agencies.

Ohio Department of Natural Resources, 2009

- Performed counts of hibernating bats in Lewisburg Mine, an abandoned limestone mine, currently distinguished as the largest Indiana bat hibernaculum in Ohio.

American Electric Power, Dwale 69 kV Transmission Line Extension, 2008

- Led field team to conduct portal searches along a proposed .4- mile transmission line right-of-way in Floyd County, Kentucky. Searched on foot for abandoned mine portals and assessed mines for potential winter bat habitat in areas within one kilometer of the line that had historically been mined.