



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](http://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](http://WVPurchasing.gov) with any other vendor responses to this solicitation submitted to the Purchasing Division in hard copy format.

Header 1

List View

- General Information**
- Contact
- Default Values
- Discount
- Document Information
- Clarification Request

Procurement Folder: 1945307

Procurement Type: Central Master Agreement

Vendor ID:

Legal Name: ALLSTAR ECOLOGY LLC

Alias/DBA:

Total Bid: \$80,260.00

Response Date:

Response Time:

Responded By User ID:

First Name:

Last Name:

Email:

Phone:

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:

Total of Header Attachments: 1

Total of All Attachments: 1



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	3034.500000	60690.00

Comm Code	Manufacturer	Specification	Model #
77111507			

**Commodity Line Comments:**

**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	978.500000	19570.00

Comm Code	Manufacturer	Specification	Model #
77111507			

**Commodity Line Comments:**

**Extended Description:**

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

# Potential Hibernacula Surveys at Abandoned Mine Land Project Sites-Northern Region

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*WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION DIVISION  
OF ABANDONED MINE LANDS (WVDEP AML)*



Harp Trap Set in Marion County, West Virginia

Prepared for:  
Bid Clerk  
Department of Administration  
Purchasing Division  
2019 Washington Street East  
Charleston, WV 25305

**RFQ Number**  
**CRFQ 0313 DEP2600000033**

Prepared by:  
Eric Schroder, M.S.  
AllStar Ecology LLC  
1582 Meadowdale Road  
Fairmont, WV 26554  
Office: (304)-816-3490

May 26, 2026



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### **Contact Information (Contract Manager):**

AllStar Ecology LLC.  
1582 Meadowdale Road  
Fairmont WV, 26554  
Project Manager: Eric Schroder, M.S.  
Cell: (309) 798-8782  
Office: (304) 816-3490  
Website: [www.allstarecology.com](http://www.allstarecology.com)  
Email: [eric.schroder@allstarecology.com](mailto:eric.schroder@allstarecology.com)

**FEIN Number:** 26-1557130

**Hibernaculum Survey Cost Per Site/Night:** \$3,034.50

**Acoustic Survey Cost Per Site/Night:** \$978.50



Indiana bat (*M. sodalis*)

**Signed RFQ and Addendum Acknowledgement Form:**



Northern long-eared bat (*Myotis septentrionalis*)



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

<b>Proc Folder:</b> 1945307		<b>Reason for Modification:</b>	
<b>Doc Description:</b> AML - Potential Hibernacula Surveys - AML Sites Northern Reg		Addendum #1 is issued to extend the bid close date until 5/27/20026 @ 1:30 PM ET.	
<b>Proc Type:</b> Central Master Agreement			
<b>Date Issued</b>	<b>Solicitation Closes</b>	<b>Solicitation No</b>	<b>Version</b>
2026-05-11	2026-05-27 13:30	CRFQ 0313 DEP2600000033	2

**BID RECEIVING LOCATION**

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

**VENDOR**

**Vendor Customer Code:** 000000163048

**Vendor Name :** AllStar Ecology LLC

**Address :**

**Street :** 1582 Meadowdale Road

**City :** Fairmont

**State :** West Virginia **Country :** USA **Zip :** 26554

**Principal Contact :** Ryan Ward

**Vendor Contact Phone:** 304-816-3490 **Extension:**

**FOR INFORMATION CONTACT THE BUYER**

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

**Vendor Signature X**  **FEIN#** 26-1557130 **DATE** 5/12/26

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	\$3,034.50	\$60,690.00

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	\$978.50	\$19,570

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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**SOLICITATION NUMBER:**  
**Addendum Number:**

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The purpose of this addendum is to modify the solicitation identified as (“Solicitation”) to reflect the change(s) identified and described below.

**Applicable Addendum Category:**

- Modify bid opening date and time
- Modify specifications of product or service being sought
- Attachment of vendor questions and responses
- Attachment of pre-bid sign-in sheet
- Correction of error
- Other

**Description of Modification to Solicitation:**

**Additional Documentation:** Documentation related to this Addendum (if any) has been included herewith as Attachment A and is specifically incorporated herein by reference.

**Terms and Conditions:**

1. All provisions of the Solicitation and other addenda not modified herein shall remain in full force and effect.
2. Vendor should acknowledge receipt of all addenda issued for this Solicitation by completing an Addendum Acknowledgment, a copy of which is included herewith. Failure to acknowledge addenda may result in bid disqualification. The addendum acknowledgement should be submitted with the bid to expedite document processing.

**ADDENDUM ACKNOWLEDGEMENT FORM**  
**SOLICITATION NO.: CRFQ DEP26\*33**

**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 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.

AllStar Ecology LLC

Company



Authorized Signature

5/12/26

Date

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

Revised 6/8/2012



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

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

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FAIRMONT WV		JOBSITE - SEE SPECIFICATIONS	
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# ATTACHMENT A

**RFI: Questions from vendors for CRFQ DEP26\*33 Hibernacula Surveys Northern Region**

Q.1. Based on the RFQ, there is the potential to conduct potential hibernacula surveys anywhere in the northern region, but can you disclose if you know any currently anticipated potential hibernaculum county locations for this upcoming fall?

**A. This contract will be open-end and used on an as needed basis. At this time, we do not expect more than 20 mine portals that will need sampled during the first sampling season. We are in the process of evaluating our upcoming projects, and completing Phase I assessments. Information on subsequent seasons is not currently available.**

Q.2. For any potential acoustic surveys (4.1.1.4), will this replace any harp trapping at the site or would this be in conjunction with harp trapping?

**A. Any acoustic surveys requested by WVDEP AML would not replace any harp trapping to be completed. It would be in addition to the harp trapping, or if feasible for the vendor, at a site not associated with the harp trap surveys.**

Q.3. The Solicitation document refers to a pricing sheet, however no pricing sheet could be found in the solicitation documents in Oasis. Will a price sheet be uploaded into Oasis?

**A. The commodity lines in Oasis are the pricing page.**

Q.4. Is there a Request for Proposal checklist for this project? Other than a price sheet and qualifications we are unsure of what needs to be provided. For example, what is preferred for proof of qualifications, a resume, or copy of federal or state bat permits?

**A. Section 3.2 – verification from the USFWS that indicates vendor is a Qualified Bat Surveyor, but is not listed on the 2020 list in the link. Nothing else is required, but information such as copies of the permits can be provided if the vendor prefers.**

Q.5. Please confirm that you want both a per night cost per portal and a total cost for 20 portals? **A. Yes**

Q.6. Will WVDEP/AML attempt to batch work directives geographically to reduce mobilization and travel burden, or should vendors assume individual releases may occur across the full Northern Region?

**A. WVDEP AML will provide a list of sites to be sampled to vendor by June 30<sup>th</sup>. Other than that, no additional "batching" will occur. Due to the nature of AML sites and the projects submitted, they are not all centrally located.**

Q.7. For the acoustic survey bid item, please clarify the call analysis/reporting requirements and whether manual vetting is required.

**A. Please follow the protocol listed in the Acoustic Surveys section of the protocol**

Q.8. Please clarify any required safety training, PPE, or site-specific safety protocols.

**A. This would be up to the vendor to identify what PPE would be needed. WVDEP AML can provide potential hazards on a site by site basis (such as unstable portal face, slips/trips/falls, wildlife, etc.**

Q.9. For existing bat gates, is the required gate integrity documentation limited to a visual field assessment with photographs?

**A. Yes – visual inspection and documentation would be all that is needed. The visual inspection of standard bat gates should include the horizontal and vertical structures, bolts connected to the rock face, and any foundation (should it have a foundation), noting any excessive rust. Inspection of culverted gates (corrugated metal and HDPE plastic) should include information above, as well as a visual look at the integrity of the culvert – rusting, collapse of the culvert structure or collapse inside, etc.**

Q.10. Does WVDEP/AML have a preferred report template, data sheet format, photo naming convention, GIS/map format that vendors should follow?

**A. The only preference we have is to utilize the site name and number, as provided to the vendor in the list of projects. We have no preference of any format, as long as it is clear and easy to follow.**

Q.11. Will contractors be responsible for directly coordinating with each landowner, scheduling access windows, handling gate codes/keys, resolving denied access, or documenting failed access attempts?

**A. WVDEP AML (or our contracted design contractors) will make contact with the appropriate landowners prior to providing a list of sites to the Vendor.**

**ADDENDUM ACKNOWLEDGEMENT FORM**  
**SOLICITATION NO.: CRFQ DEP26\*33**

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AllStar Ecology LLC

Company



Authorized Signature

5/22/26

Date

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

Revised 6/8/2012

## Vender Preference Certificate



Hoary bat (*Lasiurus cinereus*)

# State of West Virginia

## VENDOR PREFERENCE CERTIFICATE

Certification and application is hereby made for Preference in accordance with **West Virginia Code**, §5A-3-37. (Does not apply to construction contracts). **West Virginia Code**, §5A-3-37, provides an opportunity for qualifying vendors to request (at the time of bid) preference for their residency status. Such preference is an evaluation method only and will be applied only to the cost bid in accordance with the **West Virginia Code**. This certificate for application is to be used to request such preference. The Purchasing Division will make the determination of the Vendor Preference, if applicable.

**1. Application is made for 2.5% vendor preference for the reason checked:**

- Bidder is an individual resident vendor and has resided continuously in West Virginia, or bidder is a partnership, association or corporation resident vendor and has maintained its headquarters or principal place of business continuously in West Virginia, for four (4) years immediately preceding the date of this certification; **or**,
- Bidder is a resident vendor partnership, association, or corporation with at least eighty percent of ownership interest of bidder held by another entity that meets the applicable four year residency requirement; **or**,
- Bidder is a nonresident vendor which has an affiliate or subsidiary which employs a minimum of one hundred state residents and which has maintained its headquarters or principal place of business within West Virginia continuously for the four (4) years immediately preceding the date of this certification; **or**,

**2. Application is made for 2.5% vendor preference for the reason checked:**

- Bidder is a resident vendor who certifies that, during the life of the contract, on average at least 75% of the employees working on the project being bid are residents of West Virginia who have resided in the state continuously for the two years immediately preceding submission of this bid; **or**,

**3. Application is made for 2.5% vendor preference for the reason checked:**

- Bidder is a nonresident vendor that employs a minimum of one hundred state residents, or a nonresident vendor which has an affiliate or subsidiary which maintains its headquarters or principal place of business within West Virginia and employs a minimum of one hundred state residents, and for purposes of producing or distributing the commodities or completing the project which is the subject of the bidder's bid and continuously over the entire term of the project, on average at least seventy-five percent of the bidder's employees or the bidder's affiliate's or subsidiary's employees are residents of West Virginia who have resided in the state continuously for the two immediately preceding years and the vendor's bid; **or**,

**4. Application is made for 5% vendor preference for the reason checked:**

- Bidder meets either the requirement of both subdivisions (1) and (2) or subdivision (1) and (3) as stated above; **or**,

**5. Application is made for 3.5% vendor preference who is a veteran for the reason checked:**

- Bidder is an individual resident vendor who is a veteran of the United States armed forces, the reserves or the National Guard and has resided in West Virginia continuously for the four years immediately preceding the date on which the bid is submitted; **or**,

**6. Application is made for 3.5% vendor preference who is a veteran for the reason checked:**

- Bidder is a resident vendor who is a veteran of the United States armed forces, the reserves or the National Guard, if, for purposes of producing or distributing the commodities or completing the project which is the subject of the vendor's bid and continuously over the entire term of the project, on average at least seventy-five percent of the vendor's employees are residents of West Virginia who have resided in the state continuously for the two immediately preceding years.

**7. Application is made for preference as a non-resident small, women- and minority-owned business, in accordance with West Virginia Code §5A-3-59 and West Virginia Code of State Rules.**

- Bidder has been or expects to be approved prior to contract award by the Purchasing Division as a certified small, women- and minority-owned business.

**8. Application is made for reciprocal preference.**

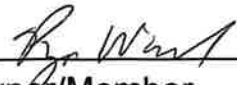
- Bidder is a West Virginia resident and is requesting reciprocal preference to the extent that it applies.

Bidder understands if the Secretary of Revenue determines that a Bidder receiving preference has failed to continue to meet the requirements for such preference, the Secretary may order the Director of Purchasing to: (a) rescind the contract or purchase order; or (b) assess a penalty against such Bidder in an amount not to exceed 5% of the bid amount and that such penalty will be paid to the contracting agency or deducted from any unpaid balance on the contract or purchase order.

By submission of this certificate, Bidder agrees to disclose any reasonably requested information to the Purchasing Division and authorizes the Department of Revenue to disclose to the Director of Purchasing appropriate information verifying that Bidder has paid the required business taxes, provided that such information does not contain the amounts of taxes paid nor any other information deemed by the Tax Commissioner to be confidential.

**Bidder hereby certifies that this certificate is true and accurate in all respects; and that if a contract is issued to Bidder and if anything contained within this certificate changes during the term of the contract, Bidder will notify the Purchasing Division in writing immediately.**

Bidder: AllStar Ecology LLC

Signed: 

Date: 5/22/26

Title: Owner/Member

\*Check any combination of preference consideration(s) indicated above, which you are entitled to receive.

## Certificate of Insurance



Red bat (*Lasiurus borealis*)



# CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

3/31/2026

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

**IMPORTANT:** If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

<b>PRODUCER</b> Blue Ridge Risk Partners, LLC 1120 C Professional Court Hagerstown MD 21740	<b>CONTACT NAME:</b> Certificates <b>PHONE (A/C, No, Ext):</b> 301-733-2530 <b>E-MAIL ADDRESS:</b> certificates@blueridgeriskpartners.com	<b>FAX (A/C, No):</b> 301-791-1478
	<b>INSURER(S) AFFORDING COVERAGE</b>	
<b>INSURED</b> Allstar Ecology, LLC 1582 Meadowdale Road Fairmont WV 26554	<b>INSURER A:</b> Capitol Specialty Insurance Corporation	<b>NAIC #</b> 10328
	<b>INSURER B:</b> The Cincinnati Insurance Company	10677
	<b>INSURER C:</b> BrickStreet Mutual Insurance Company	12372
	<b>INSURER D:</b>	
	<b>INSURER E:</b>	
	<b>INSURER F:</b>	

**COVERAGES**

CERTIFICATE NUMBER: 1635338166

REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> 5,000 GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:	Y		EV20220256-05	3/28/2026	3/28/2027	EACH OCCURRENCE \$1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$50,000 MED EXP (Any one person) \$5,000 PERSONAL & ADV INJURY \$1,000,000 GENERAL AGGREGATE \$2,000,000 PRODUCTS - COMP/OP AGG \$2,000,000 \$
B	<b>AUTOMOBILE LIABILITY</b> <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS ONLY <input checked="" type="checkbox"/> NON-OWNED AUTOS ONLY			EBA 0380766	3/28/2026	3/28/2027	COMBINED SINGLE LIMIT (Ea accident) \$1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
A	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED RETENTION \$			EX20220258-05	3/28/2026	3/28/2027	EACH OCCURRENCE \$9,000,000 AGGREGATE \$9,000,000 \$
C	<b>WORKERS COMPENSATION AND EMPLOYERS' LIABILITY</b> ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N	N/A	WCN6008611	3/28/2026	3/28/2027	<input type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$1,000,000 E.L. DISEASE - EA EMPLOYEE \$1,000,000 E.L. DISEASE - POLICY LIMIT \$1,000,000
A	PROFESSIONAL LIABILITY			EV20220256-05	3/28/2026	3/28/2027	LIMIT 1,000,000
A	POLLUTION LIABILITY			EV20220256-05	3/28/2026	3/28/2027	LIMIT 1,000,000
B	Leased/Rented Equipment			ENP 0380766	3/28/2026	3/28/2027	LIMIT 100,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

West Virginia Broad Form Coverage Included

Certificate Holder is included as an Additional Insured as required by written contract.

**CERTIFICATE HOLDER****CANCELLATION**

State of West Virginia  
 Department of Administration, Purchasing Division  
 2019 Washington Street E  
 Charleston WV 25305  
 USA

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

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## Coal Industry Employee Certification Form



Indiana bat with a transmitter attached captured by ASE biologists in Pendleton County, West Virginia



# WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION OFFICE OF ABANDONED MINE LANDS

## Coal Industry Employee Certification Form

Per OSMRE Infrastructure Investment and Jobs Act (IIJA) (Public Law 117-58) Guidance for Abandoned Mine Land Implementation:


*“In spending AML funds, as authorized by section 40701(f) of the IIJA, States and Tribes should, consistent with State or Tribal applicable law, prioritize providing employment opportunities to current and former employees of the coal industry, when such employees are available to work on projects within the region, State, or local area.”*

To comply with OSMRE Guidance, the WVDEP Office of Abandoned Mine Lands requires all contractors awarded a IIJA-funded project to submit data on current employees who are currently, or were previously, employed in the coal mining industry. Coal industry employment may include employment in any capacity directly related to coal mining, processing, transport, or power generation.

**NOTE:** This form must be signed and dated within 30 days of submission to be considered for a current bid.

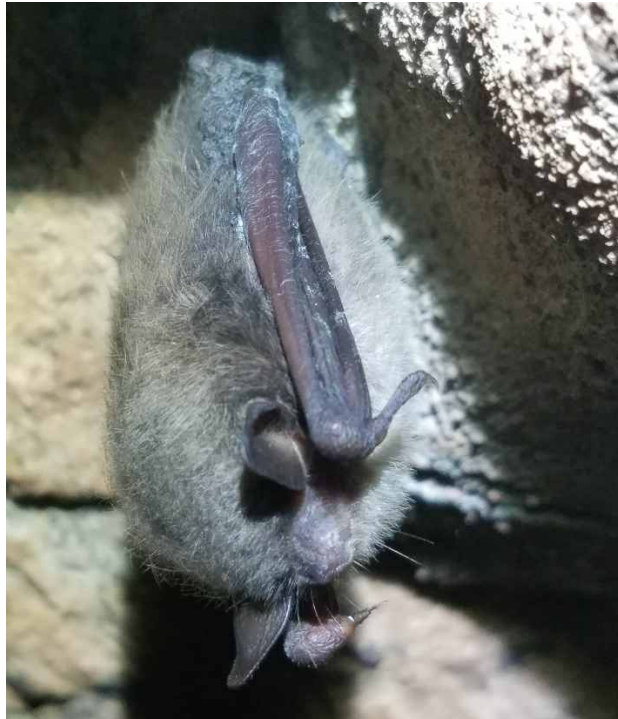
### General Information:

Contractor Name:	AllStar Ecology LLC
Address:	1582 Meadowdale Road
Phone:	304-816-3490
Email Address:	ryan@allstarecology.com

  
Contractor Signature

5/22/26  
Date

## Designated Contact



Little brown bat (*Myotis lucifugus*) hibernating in an ASE owned cave in Pocahontas County, West Virginia.

**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) Eric Schroder, Project Manager I

(Address) 1582 Meadowdale Road, Fairmont, WV 26554

(Phone Number) / (Fax Number) 304-816-3490/866-213-2666

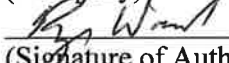
(email address) eric.schroder@allstarecology.com

**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.*

AllStar Ecology LLC

(Company)



(Signature of Authorized Representative)

Ryan Ward, Member/Owner

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

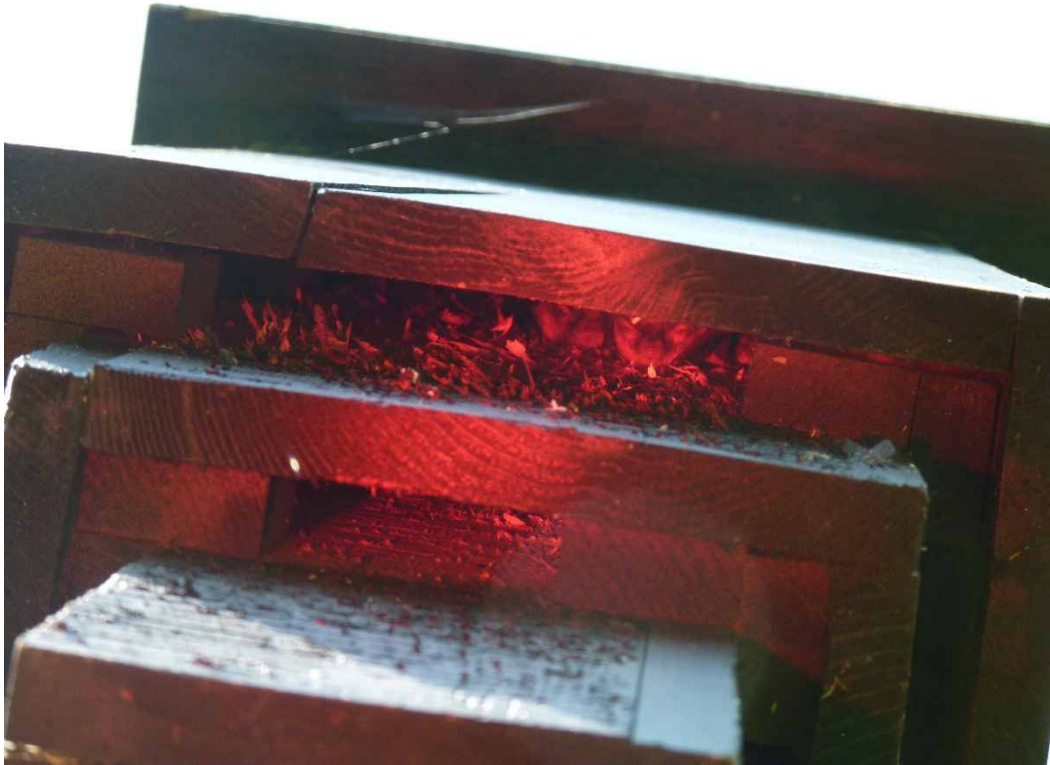
304-816-3490/866-213-2666

(Phone Number) (Fax Number)

ryan@allstarecology.com

(Email Address)

## Required Contract Provisions for Non-Federal Entity



A 2-chamber rocket box with northern long-eared bats inside in Wetzel County, West Virginia.

EXHIBIT B To:  
REQUIRED CONTRACT PROVISIONS FOR NON-FEDERAL ENTITY  
CONTRACTS UNDER FEDERAL AWARDS (2 C.F.R. § 200.317):

Prevailing Wage Determination

– Not Applicable Because Contract Not for Construction

– Federal Prevailing Wage Determination on Next Page

## Technical Proposal



Harp Trap – Booths Creek, WV

## **Presence/Absence Surveys**

### **Fall Emergence Survey**

The fall survey will be conducted between September 15 and October 31 and prior to any tree clearing by the project applicant. A minimum of one night of harp trap sampling per week for 6 weeks (6 nights of sampling) is required at each suitable entrance as determined by the Phase I Habitat Assessment. Each night of sampling will be separated by at least one week of the survey window if conditions allow. However, multiple nights of sampling per week can be accepted in the last two weeks of October if forecasted weather conditions require it and at least 3 nights of sampling is completed during the first three weeks of the survey period, and the modification is approved by the United States Fish and Wildlife Service's West Virginia Field Office (USFWS WVFO). Survey effort may be suspended if no bats (of any species) are captured after the first 2 nights of acceptable survey effort in the fall.

### **Northern Long-Eared (NLEB) and/or Indiana bat (IB) capture/Bat Handling**

The capture of an NLEB and/or IB (or any other rare, threatened, or endangered species) during the fall survey results in the survey ending.

If NLEB and/or IB are caught, notification to the West Virginia Division of Natural Resources (WVDNR) and USFWS WVFO will occur within 24 hours. Biologists will be prepared to cut a nut if a bat is severely entangled and cannot be safely extracted within 3 or 4 minutes. Emphasis will be on minimizing handling and holding bats to as short a time as possible to achieve field study objectives. Bats will not be held for more than 30 minutes after capture.

### **Capture Methods**

Harp traps will be the preferred method to sample portal openings as they are less stressful on bats. However, if harp traps cannot be used, mist nets may also be used at the portal openings. The use of mist nets must be approved by the USFWS WVFO prior to initiation of surveys. Mist nets used will be made of the finest lowest visibility mesh commercially available (2-ply 50 denier nylon).

When harp traps are used, the entrance will be entirely enclosed. When mist nets are used the entrance will not be entirely enclosed. Plastics or other materials used to block entrances will be removed each night immediately after conducting the survey. Entrances that are potentially interconnected will be surveyed on the same night. In instances where all potentially interconnected entrances cannot be surveyed at once, any potentially interconnected portals not being surveyed will be blocked using plastic sheeting or other impervious material.

### **Sampling Period**

The sampling period will begin at sunset and continue for at least 5 hours each night. During this time, the capture method will be monitored continuously by a passive method (Sony Handicam with Infrared light attachment). Surveyors monitoring set-ups continuously will minimize noise, lights and movement near the traps or nets. There will be no disturbance near the set-up, other than to check traps/nets and remove bats. A permitted surveyor will be able to oversee multiple portal openings at once if they are in close enough proximity and are monitored continuously.

If captures increase during the survey or if six or more bats of any species were captured during the last hour of monitoring, the survey effort must continue until activity declines or fewer than six bats are captured per hour. A total of 30 hours of sampling will take place for each portal opening.

### **Weather Conditions**

Severe weather adversely affects that activity level of bats. If any of the following weather conditions exist during the fall survey, the time and duration of such conditions will be noted on the data sheets and in the survey report, and the survey effort for that night will be repeated: a.) winds sufficiently strong and variable enough to move equipment more than 50% of the time; and b.) precipitation, including rain and/or fog that does not stop within 30 minutes or continues intermittently during the survey period; and c.) temperatures that are less than 50°F (10°C) for the first 2 hours, and that drop below 40°F (1.6°C) at any point during the survey.

### **Capture Markings**

All bats captured during fall surveys will be temporarily marked with a USFWS-FO approved non-toxic material that will last for the remainder of the survey period in order to identify any recaptures.

### **Disturbance**

Surveyors will minimize noise, lights and movement near the traps or net and will attempt to minimize usage outside of 300 feet of the sampling site.

### **Scientific Collecting Permits**

All surveyors will have in their possession a valid endangered species collection permit issued by the WVDNR that allows the qualified biologist to collect bats, including federally listed species.

### **White-Nose Decontamination Protocol**

All survey efforts will follow the National White-Nose Syndrome Decontamination Protocol released in March 2024.

## **Literature Cited**

White-nose Syndrome Disease Management Working Group. 2024. National White-Nose Syndrome Decontamination Protocol-March 2024. [www.WhiteNoseSyndrome.org](http://www.WhiteNoseSyndrome.org)

U.S. Fish and Wildlife Service. 2026. Range-wide Indiana bat and northern long-eared bat survey guidelines. U.S. Fish and Wildlife Service, Region 3, Bloomington, MN. 53 pp + appendices.

## Recent Relevant Experience

- Camp Dawson Presence/Absence Survey – This project involved a large scale survey of 3,387 acres of the Camp Dawson WV Army National Guard training facility in Preston County, WV. The survey utilized both acoustic monitoring and active capture of bats. The project found the likely presence of Indiana bats via acoustics and captured northern long-eared, little brown, tri-colored, red, big brown, and small-footed bats.
- Raystown Lake Presence/Absence Survey – The project required sampling all forest management areas (1,996 acres) of the Army Corps of Engineers’ Raystown Lake property in Huntingdon County, PA. The survey used acoustic monitoring to determine bat activity within these actively managed lands. Acoustics determined the likely presence of both Indiana and northern long-eared bats, an unsurprising result due to the proximity to the Canoe Creek Mine hibernaculum.
- ASE Bat Conservation Sites-Acoustic Monitoring – ASE acoustically monitored all their conservation sites (5) from April-November 2018-2021 with SM4BAT Zero-Cross Recorders. Results were analyzed and submitted to USFWS. All sites were found to contain northern long-eared bats. Acoustic results were verified through mist netting, artificial roost emergence capture, or qualitative analysis. Northern long-eared bat maternity colonies were found within artificial roosts on Margery Run and North Fork Hughes River Bat Conservation Sites in 2018.
- Middlebourne Pipeline Project Habitat Assessment and Conservation Plan–The project required an Indiana bat habitat assessment of approximately 13 miles for a pipeline complex in Tyler and Doddridge Counties, WV. The project required 108 bat boxes to be installed and monitored as part of required USFWS conservation measures which ASE was contracted to execute.
- Rosby Rock Fall Portal Survey – ASE sampled an underground railroad tunnel opening for bat activity during the fall swarming period. Openings were initially assessed using acoustic detectors for bat presence and then followed up by harp trapping. No bats were captured at the railroad tunnel suggesting the tunnel is not used as a hibernaculum.
- Kanawha State Forest Portal Survey(s) – The project involved harp trapping, mist netting, and IR video surveillance of several abandoned, relic mine shafts for the Mary Ingles Trail Blazers at the Kanawha State Forest in Kanawha County, WV. The project captured an adult female northern long-eared bat exiting the largest mine shaft providing evidence of hibernation onsite.
- WV DEP AML Mine Portal Survey(s) – The project entailed harp trapping, mist netting, and acoustic monitoring of 58 abandoned, relic mines shafts for the WV Department of Environmental Protection in Greenbrier, Wyoming, Barbour, Marion, Monongalia, Kanawha, Wayne, Logan, and Boone Counties, WV. The surveys captured several species of interest such as the small-footed bat and tricolored bat, as well as a few big brown and red bats. Acoustic evidence may also suggest use of some mines by the northern long-eared bat.

## Qualifications of Key Personnel: Resumes



Virginia big-eared bat

## Eric Schroder

### - *Bat Project Manager/Senior Environmental Scientist*



Eric Schroder is the Bat Project Manager & Senior Environmental Scientist with AllStar Ecology LLC. He has conducted endangered and threatened species surveys on reptile and mammalian species in California, West Virginia, Ohio, Tennessee, Kentucky, Alabama, Iowa, Georgia, New York, Pennsylvania, and Illinois. He has been affiliated with various private and federal agencies in conducting small mammal, avian, and tree community surveys, as well as wildlife behavior studies. Mr. Schroder specializes in endangered/threatened bat presence/absence surveys, spring emergence and fall

portal surveys, bat acoustic qualitative identification, winter hibernaculum surveys, technical & scientific report writing, and ArcPro mapping & analysis.

### Education

M.S. (2012): Biology, Western Illinois University, Macomb, IL.

B.S. (2010): Biology (emphasis in Wildlife Ecology), Iowa State University, Ames, IA.

### Experience

Bat Project Manager/Senior Environmental Scientist – AllStar Ecology	2024 - present
Lead Bat Biologist/Environmental Scientist III – AllStar Ecology	2018 - 2023
Environmental Scientist II/Bat Biologist - AllStar Ecology	2013 - 2017
Wildlife Biologist- Trutech Inc.	2012 - 2013
Field Technician- Western Ecosystems Technologies, Inc.	2012
Biological Technician- Apogee Environmental and Archaeological, Inc.	2012
Graduate Assistant-Western Illinois University	2012
Research Assistant- Western Illinois University	2011 - 2012
Field Technician-San Diego State University	2010
Field Technician-Iowa State University	2009

### Professional Development

AHA CPR and First Aid Training (American Red Cross)

Eastern Bat Survey Techniques Workshop (Bat Conservation and Management Inc.)

Comprehensive Acoustic Course (Chris Corben and Kim Livengood)

Vesper Bat Acoustic Identification Workshops (Acoustic ID of Eastern Bats)

Treasurer-Northeast Bat Working Group (2022-2025)

West Virginia Scientific Collecting Permit for Bat Surveys (2015-present)

Federal Recovery Permit for conducting presence/absence surveys for northern long-eared, gray, Virginia big-eared, and Indiana bats (Permit #: ES85228B)

Qualified Bat Surveyor in Pennsylvania

Approved Bat Surveyor in Virginia, Georgia, & New York



## Publications

- Fisher, A.E., Triplett, J.K., Ho, C., Schiller, A.D., Oltrogge, K.A., **Schroder, E.S.**, Kelchner, S.A, and L.G. Clark. 2009. Paraphyly in the Bamboo Subtribe Chusqueinae (Poaceae: Bambusoideae) and a Revised Infrageneric Classification for *Chusquea*. *Systematic Botany*. 34(4): 673-683.  
10.1600/03636440970139790
- Schroder, E.S.** and S.P. Romano. 2012. Indiana bat (*Myotis sodalis*) Migratory Routes and Summer Habitat Characteristics Relative to Wind Farms in Iowa and Illinois – Oral Presentation. Western Illinois University’s Environmental Summit, Moline, Illinois.
- De La Cruz, J.L., Karp, M.S., **Schroder, E.S.**, Captain, S., and M. Farmer. 2013. Summer acoustic and mist-netting survey for the Indiana bat (*Myotis sodalis*) at Camp Dawson. West Virginia Army National Guard (WVANG).
- DeLaCruz, J. L., and **E. S. Schroder**. 2015. Kanawha State Forest hibernaculum suitability determination and spring emergence survey report, Kanawha County, West Virginia - Report submitted to the Mary Ingles Trail Blazers. Charleston, WV, USA.
- Schroder, E.S.**, Ekanayake, D.B., and S.P. Romano. 2017. Indiana bat maternity roost habitat preference within Midwestern United States upland Oak-Hickory (*Quercus-Carya*) forests. *Forest Ecology and Management*. 404: 65-74. 10.1016/j.foreco.2017.08.032
- DeLaCruz, J. L., R. L. Ward, and **E. S. Schroder**. 2018. Landscape characteristics related to Use of Artificial Roosts by Northern Long-eared Bats in North-Central West Virginia. *Northeastern Naturalist*. 25(3): 487-501. 10.1656/045.025.0312
- Schroder, E.S.**, Lafleur, N.W., Evans, M.R., Watson, B., and R.L. Ward. 2019. Artificial Roost use by Northern Long-Eared Bats (*Myotis septentrionalis*) in West Virginia from 2016-2018. Page 13 *in*. 17<sup>th</sup> Northeast Bat Working Group. State College, PA, USA. January 16-18.
- Schroder, E.S.** 2020. Evaluating Indiana (*Myotis sodalis*) and Northern Long-Eared Bat (*Myotis septentrionalis*) Potential Summer Roosting Habitat in Northwestern West Virginia. Page 8 *in*. 18<sup>th</sup> Northeast Bat Working Group. Saratoga Springs, NY, USA. January 15-17.
- Schroder, E.S** and R.L Ward. 2021. Artificial Roost Use by Northern-Long Eared Bats in West Virginia from 2016-2020. 10th Annual Ohio Bat Working Group. January 28.
- Schroder, E.S.** and R.L. Ward. 2022. Tree Girdling for Potential Bat Roost Creation in Northwestern West Virginia. *Forests*. 13: 274. 10.3390/f13020274
- Schroder, E.S.** and R.L. Ward. 2024. How Can We Do That? Acoustically Sampling the Top of an Abandoned Silo in Northern West Virginia. Pages 13-14 *in*. 22<sup>nd</sup> Northeast Bat Working Group. Saratoga Springs, NY, USA. January 10-12.

NUMBER 2026.163

**SCIENTIFIC COLLECTING PERMIT**

Under Authority Conferred by Chapter 20, Article 2, Section 50, Code of West Virginia, As Amended

**Eric Schroder  
AllStar Ecology LLC  
1582 Meadowdale Road  
Fairmont, WV 26554**

is hereby permitted to collect specimens according to the attached application and the Special Provisions on the reverse side of this permit.

This permit is not transferable and expires on **August 15, 2026**.

A complete list of all specimens collected will be kept and reported to the Director of the Division of Natural Resources of West Virginia no later than 45 days after the expiration date of this permit.

**PERMIT PROVISIONS**

I understand that (1) The privileges granted under this permit are not transferable, and to allow anyone other than myself to use my permit is unlawful and will be considered cause for revocation of said permit; (2) A Federal Scientific Collection Permit issued by the U.S. Department of Interior must be obtained before any migratory birds, or their nests or eggs, are collected or held in captivity; (3) The Federal Permit does not extend the privileges of the permittee beyond those granted by the Division of Natural Resources; (4) Permission must be obtained from either the owner or the custodian of any fenced or posted land before entering same for the purpose of collecting scientific specimens; (5) It is unlawful to sell, offer for sale, barter, or offer to barter any wildlife collected; (6) When traps or nets or other devices are used UNATTENDED while exercising the privileges of this permit, said traps, nets, or devices must have attached thereto a tag bearing the name, address and number of the Scientific Collecting Permit; (7) It is unlawful to take or attempt to take any wildlife under said permit except for scientific and propagation purposes; (8) A hunting or fishing license must be obtained before specimens may be taken for sport; (9) Only those species or classes of wildlife listed below, and in the numbers stated, may be lawfully taken under said permit; and (10) I am required by law to carry my Scientific Collecting Permit, on my person while exercising the privileges granted thereunder, and to exhibit the permit to anyone requesting to see the same.

Must be signed before valid.



Signature of permittee

Director, WVDNR

Date of issue 3.17.26

## IMPORTANT

THE ATTACHED APPLICATION FORM INDICATING SPECIES TO BE COLLECTED, LOCATIONS OF COLLECTIONS, MANNER OF COLLECTION, AND PURPOSE OF COLLECTION IS TO BE CONSIDERED A PART OF THIS PERMIT AND SHOULD REMAIN ATTACHED.

YOU ARE SUBJECT TO THE FOLLOWING COLLECTING AND REPORTING PROVISIONS. FAILURE TO MEET THESE CRITERIA IS GROUNDS FOR REVOCATION OF THE PERMIT AND/OR DENIAL OF FUTURE PERMIT APPLICATIONS AND/OR PENALTIES OR OTHER STRICTURES.

### SPECIAL PROVISIONS:

This permit does not grant or imply any coverage or concurrence from the U.S. Fish and Wildlife Service. This permit does not grant "take" authorization for federally listed species. Permittees are responsible for complying with all other relevant state and federal laws, including the U.S. Endangered Species Act. Violation of the Endangered Species Act or Chapter 20 of the WV State Code may lead to arrest and prosecution.

This is a general permit allowing for bat and aquatic surveys. **It is not valid until project-specific information is provided and permit addenda have been issued.**

1. Under no circumstances will a federally listed bat (*Myotis sodalis*, *Myotis grisescens*, *Myotis septentrionalis*, or *Corynorhinus townsendii virginianus*) be intentionally killed for scientific purposes or any other reason. No body tissue or blood can be taken from a federally listed bat.
2. No other bats will be intentionally killed for scientific purposes or any other reason; nor will body tissues, hair samples, or blood be collected. Justification must be provided and written approval granted to take a bat, body tissue, hair sample, or blood.
3. All *Corynorhinus townsendii virginianus*, *Corynorhinus rafinesquii*, *Myotis sodalis*, *Myotis grisescens*, *Myotis septentrionalis*, and *Myotis leibii* will be released immediately (within a few minutes) after capture and at the site of capture.

*C. t. virginianus* should be removed from the net soon after capture. If there are multiple bats in the net, *C. t. virginianus* should be removed first, if possible, and processed as quickly as possible. Ideally, *C. t. virginianus* will be processed immediately after removal from the net and then released. If this is not possible, gather what data can be obtained immediately while the *C. t. virginianus* is in hand (age, sex, etc.) and release the bat, or put the bat into a **holding cage**. *C. t. virginianus* should not be held more than 10 minutes. **DO NOT PUT THE BAT IN AN INDIVIDUAL BAG OR SMALL CONTAINER.** *C. t. virginianus* are highly social and being held individually in bags increases stress and can lead to mortality.

If *C. t. virginianus* are put in a holding cage, place the cage in a dark, quiet location, and process as soon as possible. If multiple *C. t. virginianus* are captured, place all individuals in a single cage unless this will result in over-crowding; all bats should be able to move freely. If a holding cage becomes full, employ a second cage and place multiple bats in this cage. **Do not put bats of other species in the cage with *C. t. virginianus*.**

*C. t. virginianus* may be quickly weighed prior to release by placing the bat in a small container.

If a *C. t. virginianus* appears to be going into shock (i.e., becomes limp and unresponsive), place the bat in a dark, quiet location and monitor periodically. Do not place it in a bag, small container, or in a holding cage with other bats. Do not continue to handle the bat. Place the bat on a rock, flat surface, or other area where it can recover and is removed from capture activities and predators.

If a stressed bat recovers, it should be released immediately. Do not attempt to gather additional data on the bat, and do not place a transmitter on the bat.

Holding cages used by the WVDNR measure 11" x 7" x 8" high and are made of plywood and 1/4-inch hardware cloth. Alternative options such as small soft-sided (mesh) pet carriers of a similar size are also suitable. Holding cages should be decontaminated using the most current White-nose Syndrome decontamination guidance after a night of use. Do not decontaminate holding cages within a single net night.

If it is necessary to weigh Virginia big-eared bats, they may be placed in a small container and processed quickly.

4. Mortality of bats of the six species noted in #3 above while exercising the provisions of this permit will be reported within 48 hours to the WVDNR ([jared.i.varner@wv.gov](mailto:jared.i.varner@wv.gov); [Alexander.Silvis@wv.gov](mailto:Alexander.Silvis@wv.gov)). The permittee will take appropriate precautions to preserve the dead animal. Dead animals shall be placed into two sealable plastic bags (i.e., double-bagged) and placed in cold storage. Do not allow the carcass to come into direct contact with cooling media (i.e., ice, freezer packs). The outer bag shall include identifying information on the carcass, including capture location, lead personnel at time of mortality, any recorded measurements, and a "tag number" if more than one carcass is being surrendered (carcasses must be bagged separately). The entire animal will be surrendered to the WVDNR as quickly as possible; coordination with WVDNR staff is required prior to surrendering the carcass. **Do not drop off carcasses at WVDNR offices without ensuring that qualified staff is available to take receipt of the carcass.** All carcass submittals must be accompanied by a WVDNR Fish and Wildlife Mortality Reporting Form; each carcass must have its own form.
5. Bats will not be collected by shooting.
6. Bats may be banded and released. The band numbers must be embossed and/or printed on the bands. All banding numbers and other banding data must be supplied to the WVDNR as part of the permit reporting process. *Myotis leibii* may not be banded. Bands are available from the WVDNR, and only *Myotis sodalis*, *Myotis septentrionalis* and *Myotis lucifugus* may be banded with WVDNR bands.
7. Only one (1) gestating/pregnant bat may be tracked per 123 acres of non-linear project area or per 0.6 miles of linear project after May 20th.
8. No juvenile bats may be tracked prior to August 1st.
9. Mistnet poles shall be labeled with the company's or researcher's name and contact information.
10. If any work is planned to occur on National Forest or National Park Service lands, agency-specific authorization and/or permits may be required. Permittees are responsible for receiving any and all relevant landowner permissions and/or permits.
11. To minimize the disturbance to hibernating bats, bats will not be collected from hibernacula containing any endangered bat species or other hibernacula known to be important for any species of bat.
12. Follow the current decontamination guidance for White-nose Syndrome provided here: <https://www.whitenosesyndrome.org/>.
13. In addition to the standard permit reporting requirements, the permittee will routinely notify the WVDNR ([jared.i.varner@wv.gov](mailto:jared.i.varner@wv.gov)) **within 48 hours of capture or handling** any *Corynorhinus* spp., *Myotis sodalis*, *Myotis grisescens*, *Myotis septentrionalis*, *Perimyotis subflavus*, or *Myotis lucifugus*. Photographs showing diagnostic characteristics shall be taken of *Myotis sodalis*, *Myotis grisescens*, *Myotis septentrionalis*, *Myotis lucifugus*, *Perimyotis subflavus*, *Corynorhinus* spp. and

*Nycticeius humeralis* and provided to the WVDNR. A reporting spreadsheet will be provided via email.

14. REPORTING REQUIREMENTS: Report information electronically via the Final and Rare Bat reporting spreadsheets which will be provided via email. Rare bats will be reported within 48 hours of capture on the rare bat reporting spreadsheet. Additionally, provide copies of all data sheets. Final project reports are appreciated. Reports should be sent to [Jared.i.Varner@wv.gov](mailto:Jared.i.Varner@wv.gov) and [DNRSscientificCollectingPermit@wv.gov](mailto:DNRSscientificCollectingPermit@wv.gov).
15. It is recommended that survey proposals be approved by the US Fish and Wildlife Service prior to conducting surveys to assure that surveying guidelines are met.
16. Salvage of dead specimens is permitted and is not covered by the above restrictions, but must be reported to the WVDNR. If dead federally listed species are collected they shall be placed into two sealable plastic bags (i.e., double-bagged) and placed in cold storage. Do not allow the carcass to come into direct contact with cooling media (i.e., ice, freezer packs). The outer bag shall include identifying information on the carcass, including capture location, lead personnel at time of mortality, any recorded measurements, and a tag number if more than once carcass is being surrendered (carcasses must be bagged separately). The entire animal will be surrendered to the WVDNR as quickly as possible; coordination with WVDNR staff is required prior to surrendering the carcass. **Do not drop off carcasses at WVDNR offices without ensuring that qualified staff is available to take receipt of the carcass.** All carcass submittals must be accompanied by a WVDNR Fish and Wildlife Mortality Reporting Form; each carcass must have its own form.
17. Requests for exemption from any of the above conditions will be reviewed on a case-by-case basis by the WVDNR.

If any work is planned to occur in a State Park or State Forest, a permit must be obtained from WVDNR – Parks and Recreation.

If any work is planned to occur on National Forest or National Park Service lands, agency -specific authorizations and/or permits may be required. Permittees are responsible for receiving any and all relevant landowner permissions and/or permits.

Information on specimens, and all parts thereof, including tissue samples, will be included in year-end reporting. Please provide disposition of any voucher specimens or samples, including the collection number if available.

Reporting: The report is due within 45 days of the expiration date of your permit, and should be sent to [jared.i.varner@wv.gov](mailto:jared.i.varner@wv.gov) and [DNRSscientificCollectingPermit@wv.gov](mailto:DNRSscientificCollectingPermit@wv.gov).

APPLICATION FOR WEST VIRGINIA SCIENTIFIC COLLECTING PERMIT

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Name: Eric Schroder

Institution/Affiliation: AllStar Ecology LLC

Street: 1582 Meadowdale Road

City: Fairmont

State: WV

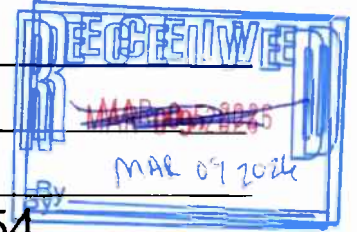
Zip: 26554

Telephone: 304-816-3490

Email: eric.schroder@allstarecology.com

Profession: Bat Biologist

Major professor: N/A



Specific manner of collection Mist netting for the presence/absence of endangered/threatened bat species. Bats will be carefully extracted in a timely manner and released.

Purpose for which specimens are to be collected (include project name; attach project proposal):

To determine the presence/absence of a federally endangered bat species within a client's project area.

How will specimens be disposed? Individuals caught will be released back into the study area as quickly as possible.

Date on which collecting is to be: May 15, 2026 August 15, 2026  
(Commence) (Terminate)

County(s) & nearest town(s): Unknown. Additional information will be provided & submitted once known for a permit addendum.

If aquatic, indicate stream(s) and nearest town(s): N/A

Report, publication or thesis that will result from studies and additional comments or information which may be pertinent to issuing this permit: \_\_\_\_\_

Potential endangered bat species roosting/foraging habitat could be revealed with the associated presence/absence surveys. This habitat could be protected.

Have you received a WV permit in previous years? Yes Most recent year 2025

**SPECIES TO BE COLLECTED OR HANDLED**

<u>GENUS</u>	<u>SCIENTIFIC NAME</u>	<u>SPECIES</u>	<u>NUMBER</u>
Myotis	sodalis		
Myotis	septentrionalis		
Myotis	leibii		
Myotis	grisescens		
Lasionycteris	noctivagans		
Perimyotis	subflavus		
Lasiurus	borealis		
Lasiurus	cinereus		
Corynorhinus	townsendii virginianus		
Eptesicus	fuscus		
Nycticeius	humeralis		

Where will vouchered specimens be deposited? N/A

Eric Schuder 2/12/26  
Signature Date

Send application to: Scientific Collecting Permit  
Wildlife Resources  
P.O. Box 67, 738 Ward Road  
Elkins, WV 26241  
DNRScientificCollectingPermit@wv.gov

## Brittney Watson

### - *Environmental Scientist III/Bat Biologist*



Brittney Watson is a WV State Bat Biologist and Environmental Scientist III with AllStar Ecology LLC. She has worked throughout West Virginia, Ohio, and Kentucky. Ms. Watson specializes in rare, threatened, and endangered bat presence/absence surveys, bat habitat assessments, stream and wetland delineations, ArcGIS, and report writing. She has been integral at ASE for the completion of timely and accurate fieldwork.

### **Education**

A.S. (2015): Wildlife Resource Management, Hocking College, Nelsonville, OH.

B.S. (2017): Wildlife and Fisheries Resources, West Virginia University, Morgantown, WV

### **Work Experience**

- Environmental Scientist III/Bat Biologist - AllStar Ecology 2023 – current
- Environmental Scientist II/Bat Biologist - AllStar Ecology 2019 – 2023
- Environmental Scientist I/Bat Biologist - AllStar Ecology 2017 – 2019

### **Professional Development**

- West Virginia Scientific Collecting Permit for Bat Surveys (2020-current)
- New York Scientific Collecting & Threatened/Endangered Species Permit for Bat Surveys (2023 & 2025)
- Bat Survey Solutions- field training (2019)

NUMBER 2026.164

**SCIENTIFIC COLLECTING PERMIT**

Under Authority Conferred by Chapter 20, Article 2, Section 50, Code of West Virginia, As Amended

**Brittney Watson  
AllStar Ecology LLC  
1582 Meadowdale Road  
Fairmont, WV 26554**

is hereby permitted to collect specimens according to the attached application and the Special Provisions on the reverse side of this permit.


This permit is not transferable and expires on August 15, 2026.


A complete list of all specimens collected will be kept and reported to the Director of the Division of Natural Resources of West Virginia no later than 45 days after the expiration date of this permit.

**PERMIT PROVISIONS**

I understand that (1) The privileges granted under this permit are not transferable, and to allow anyone other than myself to use my permit is unlawful and will be considered cause for revocation of said permit; (2) A Federal Scientific Collection Permit issued by the U.S. Department of Interior must be obtained before any migratory birds, or their nests or eggs, are collected or held in captivity; (3) The Federal Permit does not extend the privileges of the permittee beyond those granted by the Division of Natural Resources; (4) Permission must be obtained from either the owner or the custodian of any fenced or posted land before entering same for the purpose of collecting scientific specimens; (5) It is unlawful to sell, offer for sale, barter, or offer to barter any wildlife collected; (6) When traps or nets or other devices are used UNATTENDED while exercising the privileges of this permit, said traps, nets, or devices must have attached thereto a tag bearing the name, address and number of the Scientific Collecting Permit; (7) It is unlawful to take or attempt to take any wildlife under said permit except for scientific and propagation purposes; (8) A hunting or fishing license must be obtained before specimens may be taken for sport; (9) Only those species or classes of wildlife listed below, and in the numbers stated, may be lawfully taken under said permit; and (10) I am required by law to carry my Scientific Collecting Permit, on my person while exercising the privileges granted thereunder, and to exhibit the permit to anyone requesting to see the same.

Must be signed before valid.

Signature of permittee \_\_\_\_\_  
  
 Director, WVDNR \_\_\_\_\_



Date of issue 3.17.26

## IMPORTANT

THE ATTACHED APPLICATION FORM INDICATING SPECIES TO BE COLLECTED, LOCATIONS OF COLLECTIONS, MANNER OF COLLECTION, AND PURPOSE OF COLLECTION IS TO BE CONSIDERED A PART OF THIS PERMIT AND SHOULD REMAIN ATTACHED.

YOU ARE SUBJECT TO THE FOLLOWING COLLECTING AND REPORTING PROVISIONS. FAILURE TO MEET THESE CRITERIA IS GROUNDS FOR REVOCATION OF THE PERMIT AND/OR DENIAL OF FUTURE PERMIT APPLICATIONS AND/OR PENALTIES OR OTHER STRICTURES.

### SPECIAL PROVISIONS:

This permit does not grant or imply any coverage or concurrence from the U.S. Fish and Wildlife Service. This permit does not grant "take" authorization for federally listed species. Permittees are responsible for complying with all other relevant state and federal laws, including the U.S. Endangered Species Act. Violation of the Endangered Species Act or Chapter 20 of the WV State Code may lead to arrest and prosecution.

This is a general permit allowing for bat and aquatic surveys. **It is not valid until project-specific information is provided and permit addenda have been issued.**

1. Under no circumstances will a federally listed bat (*Myotis sodalis*, *Myotis grisescens*, *Myotis septentrionalis*, or *Corynorhinus townsendii virginianus*) be intentionally killed for scientific purposes or any other reason. No body tissue or blood can be taken from a federally listed bat.
2. No other bats will be intentionally killed for scientific purposes or any other reason; nor will body tissues, hair samples, or blood be collected. Justification must be provided and written approval granted to take a bat, body tissue, hair sample, or blood.
3. All *Corynorhinus townsendii virginianus*, *Corynorhinus rafinesquii*, *Myotis sodalis*, *Myotis grisescens*, *Myotis septentrionalis*, and *Myotis leibii* will be released immediately (within a few minutes) after capture and at the site of capture.

*C. t. virginianus* should be removed from the net soon after capture. If there are multiple bats in the net, *C. t. virginianus* should be removed first, if possible, and processed as quickly as possible. Ideally, *C. t. virginianus* will be processed immediately after removal from the net and then released. If this is not possible, gather what data can be obtained immediately while the *C. t. virginianus* is in hand (age, sex, etc.) and release the bat, or put the bat into a **holding cage**. *C. t. virginianus* should not be held more than 10 minutes. **DO NOT PUT THE BAT IN AN INDIVIDUAL BAG OR SMALL CONTAINER.** *C. t. virginianus* are highly social and being held individually in bags increases stress and can lead to mortality.

If *C. t. virginianus* are put in a holding cage, place the cage in a dark, quiet location, and process as soon as possible. If multiple *C. t. virginianus* are captured, place all individuals in a single cage unless this will result in over-crowding; all bats should be able to move freely. If a holding cage becomes full, employ a second cage and place multiple bats in this cage. **Do not put bats of other species in the cage with *C. t. virginianus*.**

*C. t. virginianus* may be quickly weighed prior to release by placing the bat in a small container.

If a *C. t. virginianus* appears to be going into shock (i.e., becomes limp and unresponsive), place the bat in a dark, quiet location and monitor periodically. Do not place it in a bag, small container, or in a holding cage with other bats. Do not continue to handle the bat. Place the bat on a rock, flat surface, or other area where it can recover and is removed from capture activities and predators.

If a stressed bat recovers, it should be released immediately. Do not attempt to gather additional data on the bat, and do not place a transmitter on the bat.

Holding cages used by the WVDNR measure 11" x 7" x 8" high and are made of plywood and 1/4-inch hardware cloth. Alternative options such as small soft-sided (mesh) pet carriers of a similar size are also suitable. Holding cages should be decontaminated using the most current White-nose Syndrome decontamination guidance after a night of use. Do not decontaminate holding cages within a single net night.

If it is necessary to weigh Virginia big-eared bats, they may be placed in a small container and processed quickly.

4. Mortality of bats of the six species noted in #3 above while exercising the provisions of this permit will be reported within 48 hours to the WVDNR ([jared.i.varner@wv.gov](mailto:jared.i.varner@wv.gov); [Alexander.Silvis@wv.gov](mailto:Alexander.Silvis@wv.gov)). The permittee will take appropriate precautions to preserve the dead animal. Dead animals shall be placed into two sealable plastic bags (i.e., double-bagged) and placed in cold storage. Do not allow the carcass to come into direct contact with cooling media (i.e., ice, freezer packs). The outer bag shall include identifying information on the carcass, including capture location, lead personnel at time of mortality, any recorded measurements, and a "tag number" if more than one carcass is being surrendered (carcasses must be bagged separately). The entire animal will be surrendered to the WVDNR as quickly as possible; coordination with WVDNR staff is required prior to surrendering the carcass. **Do not drop off carcasses at WVDNR offices without ensuring that qualified staff is available to take receipt of the carcass.** All carcass submittals must be accompanied by a WVDNR Fish and Wildlife Mortality Reporting Form; each carcass must have its own form.
5. Bats will not be collected by shooting.
6. Bats may be banded and released. The band numbers must be embossed and/or printed on the bands. All banding numbers and other banding data must be supplied to the WVDNR as part of the permit reporting process. *Myotis leibii* may not be banded. Bands are available from the WVDNR, and only *Myotis sodalis*, *Myotis septentrionalis* and *Myotis lucifugus* may be banded with WVDNR bands.
7. Only one (1) gestating/pregnant bat may be tracked per 123 acres of non-linear project area or per 0.6 miles of linear project after May 20th.
8. No juvenile bats may be tracked prior to August 1st.
9. Mistnet poles shall be labeled with the company's or researcher's name and contact information.
10. If any work is planned to occur on National Forest or National Park Service lands, agency-specific authorization and/or permits may be required. Permittees are responsible for receiving any and all relevant landowner permissions and/or permits.
11. To minimize the disturbance to hibernating bats, bats will not be collected from hibernacula containing any endangered bat species or other hibernacula known to be important for any species of bat.
12. Follow the current decontamination guidance for White-nose Syndrome provided here: <https://www.whitenosesyndrome.org/>.
13. In addition to the standard permit reporting requirements, the permittee will routinely notify the WVDNR ([jared.i.varner@wv.gov](mailto:jared.i.varner@wv.gov)) **within 48 hours of capture or handling** any *Corynorhinus* spp., *Myotis sodalis*, *Myotis grisescens*, *Myotis septentrionalis*, *Perimyotis subflavus*, or *Myotis lucifugus*. Photographs showing diagnostic characteristics shall be taken of *Myotis sodalis*, *Myotis grisescens*, *Myotis septentrionalis*, *Myotis lucifugus*, *Perimyotis subflavus*, *Corynorhinus* spp. and

*Nycticeius humeralis* and provided to the WVDNR. A reporting spreadsheet will be provided via email.

14. REPORTING REQUIREMENTS: Report information electronically via the Final and Rare Bat reporting spreadsheets which will be provided via email. Rare bats will be reported within 48 hours of capture on the rare bat reporting spreadsheet. Additionally, provide copies of all data sheets. Final project reports are appreciated. Reports should be sent to [Jared.i.Varner@wv.gov](mailto:Jared.i.Varner@wv.gov) and [DNRScientificCollectingPermit@wv.gov](mailto:DNRScientificCollectingPermit@wv.gov).
15. It is recommended that survey proposals be approved by the US Fish and Wildlife Service prior to conducting surveys to assure that surveying guidelines are met.
16. Salvage of dead specimens is permitted and is not covered by the above restrictions, but must be reported to the WVDNR. If dead federally listed species are collected they shall be placed into two sealable plastic bags (i.e., double-bagged) and placed in cold storage. Do not allow the carcass to come into direct contact with cooling media (i.e., ice, freezer packs). The outer bag shall include identifying information on the carcass, including capture location, lead personnel at time of mortality, any recorded measurements, and a tag number if more than once carcass is being surrendered (carcasses must be bagged separately). The entire animal will be surrendered to the WVDNR as quickly as possible; coordination with WVDNR staff is required prior to surrendering the carcass. **Do not drop off carcasses at WVDNR offices without ensuring that qualified staff is available to take receipt of the carcass.** All carcass submittals must be accompanied by a WVDNR Fish and Wildlife Mortality Reporting Form; each carcass must have its own form.
17. Requests for exemption from any of the above conditions will be reviewed on a case-by-case basis by the WVDNR.

If any work is planned to occur in a State Park or State Forest, a permit must be obtained from WVDNR – Parks and Recreation.

If any work is planned to occur on National Forest or National Park Service lands, agency -specific authorizations and/or permits may be required. Permittees are responsible for receiving any and all relevant landowner permissions and/or permits.

Information on specimens, and all parts thereof, including tissue samples, will be included in year-end reporting. Please provide disposition of any voucher specimens or samples, including the collection number if available.

Reporting: The report is due within 45 days of the expiration date of your permit, and should be sent to [jared.i.varner@wv.gov](mailto:jared.i.varner@wv.gov) and [DNRScientificCollectingPermit@wv.gov](mailto:DNRScientificCollectingPermit@wv.gov).

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**APPLICATION FOR WEST VIRGINIA SCIENTIFIC COLLECTING PERMIT**

Name: Brittney Watson

Institution/Affiliation: AllStar Ecology LLC

Street: 1582 Meadowdale Road

City: Fairmont

State: WV

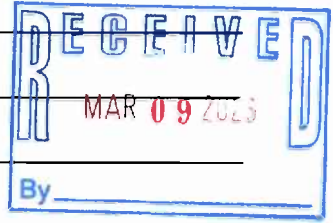
Zip: 26554

Telephone: 330-401-2944

Email: brittney@allstarecology.com

Profession: Bat Biologist

Major professor: N/A



Specific manner of collection Mist netting for the presence/absence of threatened and endangered bat species. Bats will be carefully extracted and released in a timely manner.

Purpose for which specimens are to be collected (include project name; attach project proposal): To determine the presence/ absence of federally threatened and endangered bat species within a clients project area.

How will specimens be disposed? All individuals caught will be processed and released as quickly as possible back into the study area.

Date on which collecting is to be: May 15, 2026 August 15, 2026  
(Commence) (Terminate)

County(s) & nearest town(s): Statewide permit. Additional information will be submitted for a permit addendum once project specifics are known.

If aquatic, indicate stream(s) and nearest town(s): N/A

Attach separate pages if additional space is required.  
(Over)

Report, publication or thesis that will result from studies and additional comments or information which may be pertinent to issuing this permit: Potential threatened/endangered bat species use areas (roosting, foraging, etc.) could be determined from presence/ absence mist net surveys. This could lead to habitat protection.

Have you received a WV permit in previous years? Yes Most recent year 2025

**SPECIES TO BE COLLECTED OR HANDLED**

<u>GENUS</u>	<u>SCIENTIFIC NAME</u>	<u>SPECIES</u>	<u>NUMBER</u>
Myotis	sodalis		
Myotis	septentrionalis		
Myotis	leibii		
Myotis	grisescens		
Lasionycteris	noctivagans		
Perimyotis	subflavus		
Myotis	lucifugus		
Eptesicus	fuscus		
Lasiurus	borealis		
Lasiurus	cinereus		
Corynorhinus	townsendii virginianus		

**Nycticeius humeralis**  
 Where will vouchered specimens be deposited? N/A

*Brittney Watson* 2/20/2026  
 \_\_\_\_\_  
 Signature Date

Send application to: Scientific Collecting Permit  
 Wildlife Resources  
 P.O. Box 67, 738 Ward Road  
 Elkins, WV 26241  
 DNRScientificCollectingPermit@wv.gov