04/28/16 12:04:15 WU Purchasing Division

Blue Mountain Inc.

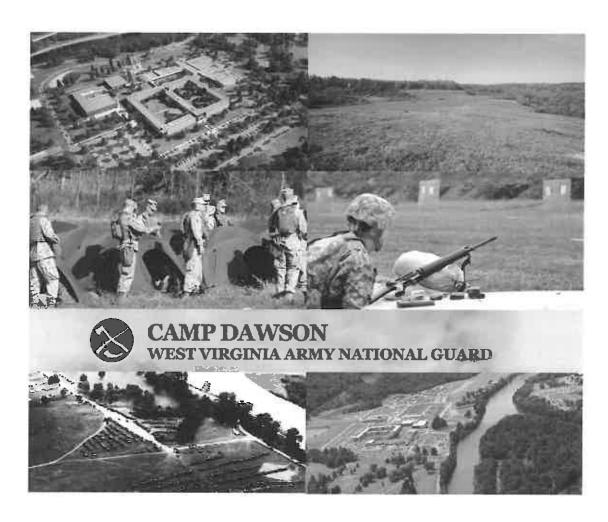
10125 Mason Dixon Hwy. Burton, WV 26562
PHONE 304.662.6486 | TOLL FREE 800.4SURVEY
EMAIL bmi@bluemtninc.com | www.bluemtninc.com

QUOTATION FOR: INVASIVE SPECIES INVENTORY & ASSESSMENT, UPDATE OF PLANT COMMUNITY MAPPING DATA ON CAMP DAWSON ARMY TRAINING SITE

Solicitation Number: CRFQ 0603 ADJ1600000021

Camp Dawson Army Training Site 240 Army Road • Kingwood • West Virginia • 26537-1077





APRIL 2016



Blue Mountain Inc.

11023 Mason Dixon Highway Burton, WV 26562 Ph: (304) 662-6486

Fax: (304) 662-6501

April 27, 2016

Ms. Crystal Rink
Department of Administration, Purchasing Division
2019 Washington Street East
Charleston, WV 25305-0130
(304) 558-2402
Crystal.G.Rink@wv.gov

Facility Maintenance Manager Camp Dawson Army Training Site 240 Army Road Kingwood, WV 26537-1077

Subject:

Quotation for Invasive Species Inventory & Assessment, Update of

Plant Community Mapping Data on Camp Dawson Army Training

Site

Preston County, West Virginia

Blue Mountain, Inc.

Blue Mountain, Inc. (BMI) is pleased to provide for your consideration our technical and cost proposal for Invasive Species Inventory & Assessment, Update of Plant Community Mapping Data on Camp Dawson Army Training Site in Preston County, West Virginia at the Camp Dawson Collective Training Area (CDCTA).

Preparation of this proposal was based on the following:

 The Request for Quotation (CRFQ) ADJ1600000021 listed on West Virginia Oasis Self Vender System.

This proposal includes multiple facets of the information gathering, permitting, and planning processes to provide the Invasive Species Inventory & Assessment, Update of Plant Community Mapping Data for CDCTA.

Blue Mountain, Inc.'s DUNS number is 805979713 and our FEIN is 55-0704426.

Blue Mountain, Inc. (BMI) understands that surveys are being conducted on West Virginia Army National Guard (WVARNG) property, where installations may take place. BMI understands that WVARNG activities take precedence to any activities done by BMI.



Blue Mountain Inc.

11023 Mason Dixon Highway Burton, WV 26562 Ph: (304) 662-6486

Fax: (304) 662-6501

Blue Mountain, Inc. appreciates this opportunity to present our proposal for the Invasive Species Inventory & Assessment, Update of Plant Community Mapping Data on Camp Dawson Army Training Site project. Our expertise, planning, and efficient turnaround time will be an asset for this project and any future endeavors. Please feel free to contact the undersigned for any questions regarding this proposal, our company, or any other information.

Respectfully,

Blue Mountain, Inc.

Wanda Six

President/Owner

Enclosures

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240 Army Road • Kingwood • West Virginia • 26537-1077

Blue Mountain Inc.

Blue Mountain Inc. BID FORM

EXHIBIT A CRFQ # ADJ1600000021

ALL LABOR, MATERIALS, EQUIPMENT, AND SUPPLIES NECESSARY TO CONDUCT AN INVASIVE SPECIES INVENTORY AND ASSESSMENT AND TO UPDATE PLANT COMMUNITY MAPPING DATA, ON CAMP DAWSON ARMY TRAINING SITE AT KINGWOOD, WV

BID FORM

The undersigned, hereafter called the Bidder, being familiar with and understanding the bidding documents; and being familiar with the required qualifications and the mandatory requirements of the Project with regards to the deliverables and associated timelines, hereby proposes to furnish labor, material, equipment, supplies, and transportation to perform the work as described in the bidding documents

| BIDDERS COMPANY | (NAME: Dlue Mountain, 1 | nc. | |
|--|--|---|--|
| VENDOR ADDRESS | : 11023 Mason Dixon | Hwy | |
| | Burton, WV 2656 | U | |
| | 7 | | |
| TELEPHONE: | (304) 662-6486 | | |
| FAX NUMBER: | (304) 662-6501 | | |
| E-MAIL ADDRESS: | BMI @bluemtning | ·(om | |
| | | | |
| CONTRACT TOTA | AI RID | | |
| | | Lhounded on | d ACL. John C |
| (\$119,850 | nineteen thousand eigh | | J |
| (3 | | e written in words and | d numbers.) |
| Bidder understands the waive any informality of reject a bid not accome documents; to reject as | varded to the Bidder with the lowest co at to the extent allowed by the West Vi or irregularity in any bid, or bids, and to panied by the required bid security or b my conditions of the bid by the Bidder to and conditions of the bidding document | rginia Code, the OWN reject any and all bid by other data required that is any way incons | NER reserves the right to is in whole or in part; to by the bidding istent with the |
| Failure to use this bid f | form may result in bid disqualification. | | |
| SIGNATURE: 0 | enda Sp | DATE: _ | 4/26/16 |
| NAME: <u>WA</u> | (Please Print) | | , |
| TITLE: Hes | sident | | |
| | | | |

Blue Mountain Inc.

Blue Mountain Inc. CERTIFICATION & SIGNATURE PAGE CONTRACT MANAGER

CERTIFICATIONAND SIGNATURE PAGE

By signing below, or submitting documentation through wvOASIS, I certify that I have reviewed this Solicitation 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 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 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.

Blue Mountain, Inc.
(Company)

(Authorized Signature) (Representative Name, Title)

(B) 4) Lab 26486 (301)662-6501 4/26/16
(Phone Number) (Fax Number) (Date)

REQUEST FOR QUOTATION CRFQ ADJ1600000021

Invasive Species Inventory & Assessment, Update of Plant Community Mapping Data on Camp Dawson Army Training Site
Kingwood, WV (Preston Co.)

11. MISCELLANEOUS:

11.1. 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.

Telephone Number: 304-662-6486

Fax Number: 304-662-6501

Email Address: BMI Phlue mtning com

Blue Mountain Inc. VENDOR PREFERENCE CERTIFICATE PURCHASING AFFIDAVIT ADDENDUM ACKNOWLEDGEMENT FORM

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 for four (4) years immediately preceding the date of this certification; 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 80% of the ownership interest of Bidder is held by another individual, partnership, association or corporation resident vendor who 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 nonresident vendor which has an affiliate or subsidiary which employs a minimum of one hundred state residents and which has maintained its headquarters are principal place of husiness which has maintained its headquarters are principal place. |
|------------------------|--|
| 2. | 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, 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 employing a minimum of one hundred state residents or is a nonresident vendor with an affiliate or subsidiary which maintains its headquarters or principal place of business within West Virginia employing a minimum of one hundred state residents who certifies that, during the life of the contract, on average at least 75% of the employees or Bidder's affiliate's or subsidiary's employees are residents of West Virginia who have resided in the state continuously for the two years immediately preceding submission of this 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. |
| _ | 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. |
| requirent against s | inderstands if the Secretary of Revenue determines that a Bidder receiving preference has failed to continue to meet the nents for such preference, the Secretary may order the Director of Purchasing to: (a) reject the bid; or (b) assess a penalty such Bidder in an amount not to exceed 5% of the bid amount and that such penalty will be paid to the contracting agency sted from any unpaid balance on the contract or purchase order. |
| authorize the requi | dission of this certificate, Bidder agrees to disclose any reasonably requested information to the Purchasing Division and the Department of Revenue to disclose to the Director of Purchasing appropriate information verifying that Bidder has paid ired business taxes, provided that such information does not contain the amounts of taxes paid nor any other information by the Tax Commissioner to be confidential. |
| and acc | enalty of law for false swearing (West Virginia Code, §61-5-3), Bidder hereby certifies that this certificate is true urate in all respects; and that if a contract is issued to Bidder and if anything contained within this certificate during the term of the contract, Bidder will notify the Purchasing Division in writing immediately. |
| | Blue Mountain, Inc. signed Ward, Sof |
| Date: | 124/2016 Title Resident |

STATE OF WEST VIRGINIA Purchasing Division

PURCHASING AFFIDAVIT

MANDATE: Under W. Va. Code §5A-3-10a, no contract or renewal of any contract may be awarded by the state or any of its political subdivisions to any vendor or prospective vendor when the vendor or prospective vendor or a related party to the vendor or prospective vendor is a debtor and: (1) the debt owed is an amount greater than one thousand dollars in the aggregate; or (2) the debtor is in employer default.

EXCEPTION: The prohibition listed above does not apply where a vendor has contested any tax administered pursuant to chapter eleven of the W. Va. Code, workers' compensation premium, permit fee or environmental fee or assessment and the matter has not become final or where the vendor has entered into a payment plan or agreement and the vendor is not in default of any of the provisions of such plan or agreement.

DEFINITIONS:

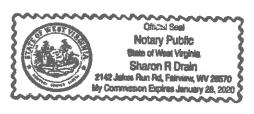
"Debt" means any assessment, premium, penalty, fine, tax or other amount of money owed to the state or any of its political subdivisions because of a judgment, fine, permit violation, license assessment, defaulted workers' compensation premium, penalty or other assessment presently delinquent or due and required to be paid to the state or any of its political subdivisions, including any interest or additional penalties accrued thereon.

"Employer default" means having an outstanding balance or liability to the old fund or to the uninsured employers' fund or being in policy default, as defined in W. Va. Code § 23-2c-2, failure to maintain mandatory workers' compensation coverage, or failure to fully meet its obligations as a workers' compensation self-insured employer. An employer is not in employer default if it has entered into a repayment agreement with the Insurance Commissioner and remains in compliance with the obligations under the repayment agreement.

"Related party" means a party, whether an individual, corporation, partnership, association, limited liability company or any other form or business association or other entity whatsoever, related to any vendor by blood, marriage, ownership or contract through which the party has a relationship of ownership or other interest with the vendor so that the party will actually or by effect receive or control a portion of the benefit, profit or other consideration from performance of a vendor contract with the party receiving an amount that meets or exceed five percent of the total contract amount.

AFFIRMATION: By signing this form, the vendor's authorized signer affirms and acknowledges under penalty of law for false swearing (*W. Va. Code* §61-5-3) that neither vendor nor any related party owe a debt as defined above and that neither vendor nor any related party are in employer default as defined above, unless the debt or employer default is permitted under the exception above.

Purchasing Affidavit (Revised 07/01/2012)



ADDENDUM ACKNOWLEDGEMENT FORM SOLICITATION NO.: UKHQ ADJIBUUUUUUZI

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 rece | eived) |
|--|--|
| Addendum No. 1 | Addendum No. 6 |
| Addendum No. 2 | Addendum No. 7 |
| Addendum No. 3 | Addendum No. 8 |
| Addendum No. 4 | Addendum No. 9 |
| Addendum No. 5 | Addendum No. 10 |
| I further understand that any verbal represent discussion held between Vendor's represent | pt of addenda may be cause for rejection of this bid. tation made or assumed to be made during any oral atives and any state personnel is not binding. Only to the specifications by an official addendum is |
| Blue Mountain Inc. Company Laude Authorized Signature | |
| Date Date | |

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



Blue Mountain Inc. INSURANCE



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY) 4/20/2016

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 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).

| | ertificate noider in lieu of such endo | seme | :nt(5) | J. | | | | | | | | | | | | | |
|--|---|-------------|--|---|-----------------|--|---|---|-----------------|--|------------|--|------------|------------|----------------------------|----|-----------|
| | PRODUCER CONTACT NAME: | | | | | | | | | | | | | | | | |
| Dyer, Heflin, Bowers & Eckels 250 Scott Avenue | | | PHONE (A/C, No, Ext): (304) 599-3445 FAX (A/C, No): (304) 599-4607 | | | | | | | | | | | | | | |
| | rgantown, WV 26505 | | | | E-MAIL ADDRE | SS: | | | | | | | | | | | |
| | <u> </u> | | | | APPRE | | IIIDED/Q\ AEFO | RDING COVERAGE | | NAIC# | | | | | | | |
| | | | | | INGLIDE | | | nce Companies | | 25127 | | | | | | | |
| INS | URED | | | | | | | I Insurance Company | | 12372 | | | | | | | |
| | A. 1800 | | | | | | | | | 12312 | | | | | | | |
| | Blue Mountain Inc. | | | | | | voria Surpi | ius Lines Ins Compan | ıy | | | | | | | | |
| | 11023 Mason Dixon Highway Burton, WV 26562 | | | | INSURER D: | | | | | | | | | | | | |
| Burton, 44 20302 | | | | INSURE | RE: | | | | | | | | | | | | |
| | | | | | INSURE | RF: | | | | <u> </u> | | | | | | | |
| | | | | E NUMBER: | | | | REVISION NUMBER: | | | | | | | | | |
| II C | HIS IS TO CERTIFY THAT THE POLICI NDICATED. NOTWITHSTANDING ANY I ERTIFICATE MAY BE ISSUED OR MAY XCLUSIONS AND CONDITIONS OF SUCH | PER POLI | IREMI ITAIN, CIES. | ENT, TERM OR CONDITION THE INSURANCE AFFORM LIMITS SHOWN MAY HAVE | N OF A | NY CONTRAC 7 THE POLICE REDUCED BY | CT OR OTHER IES DESCRIB PAID CLAIMS | R DOCUMENT WITH RESPE ED HEREIN IS SUBJECT 1 | ECT TO | WHICH THIS | | | | | | | |
| INSF | TYPE OF INSURANCE | ADDL | SUBR | POLICY NUMBER | | POLICY EFF (MM/DD/YYYY) | POLICY EXP (MM/DD/YYYY) | LIMIT | S | | | | | | | | |
| A | X COMMERCIAL GENERAL LIABILITY | 11100 | 1111 | , | | (11111111111111111111111111111111111111 | <u> </u> | EACH OCCURRENCE | s | 1,000,000 | | | | | | | |
| | CLAIMS-MADE X OCCUR | | | PBP2614861 | | 12/28/2015 | 12/28/2016 | DAMAGE TO RENTED PREMISES (Ea occurrence) | \$ | 100,000 | | | | | | | |
| | | | | | | | | MED EXP (Any one person) | \$ | 5,000 | | | | | | | |
| | | | | | | | | PERSONAL & ADV INJURY | \$ | 1,000,000 | | | | | | | |
| | GEN'L AGGREGATE LIMIT APPLIES PER: | | | | | | | GENERAL AGGREGATE | \$ | 2,000,000 | | | | | | | |
| | POLICY PRO- JECT LOC | | | | | | | PRODUCTS - COMP/OP AGG | \$ | 2,000,000 | | | | | | | |
| | OTHER: General Liability Gene | | | | | | | | \$ | | | | | | | | |
| • | AUTOMOBILE LIABILITY | | | | | | | COMBINED SINGLE LIMIT (Ea accident) | \$ | 1,000,000 | | | | | | | |
| Α | X ANY AUTO | | | BAP2342149 1 | | 12/28/2015 | 015 12/28/2016 | BODILY INJURY (Per person) | \$ | | | | | | | | |
| | ALL OWNED SCHEDULED AUTOS | | | | | | | BODILY INJURY (Per accident) | \$ | | | | | | | | |
| | NON-OWNED | | | | | | | | PROPERTY DAMAGE | \$ | | | | | | | |
| | HIRED AUTOS AUTOS | | | | | | | (Per accident) | \$ | | | | | | | | |
| | UMBRELLA LIAB OCCUR | 1 | | | | | | EACH OCCURRENCE | \$ | 9.000.000 | | | | | | | |
| Α | H-yaraa | | | PBP2614861 | | 12/28/2015 | 12/28/2016 | | _ | 3,000,000 | | | | | | | |
| ^ | CLAIMS-MADE | 1 | | Di 2014001 | | 12202010 | 12,20,2010 | AGGREGATE Umbrella | \$ | | | | | | | | |
| | DED RETENTION\$ WORKERS COMPENSATION | - | | | | | | | \$ | | | | | | | | |
| _ | AND EMPLOYERS' LIABILITY Y/N | | | | | | | | | WCD40400 | WCD4040050 | | 42/20/2045 | 40/00/0040 | | | 4 000 000 |
| В | ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? | N/A | | WCB1010852 | | 12/28/2015 | 015 12/28/2016 | E.L. EACH ACCIDENT | \$ | 1,000,000 | | | | | | | |
| | (Mandatory in NH) If yes, describe under | | | | | | | | | | | | | | E.L. DISEASE - EA EMPLOYEE | \$ | 1,000,000 |
| _ | DESCRIPTION OF OPERATIONS below | | <u> </u> | | | | | E.L. DISEASE - POLICY LIMIT | \$ | 1,000,000 | | | | | | | |
| С | General Liability | | | 0309-3859 | | | | Errors & Ommissions | | 2,000,000 | | | | | | | |
| Α | General Liability | | | PBP2614861 | | 12/28/2015 | 12/28/2016 | Ohio Stop Gap | | 1,000,000 | | | | | | | |
| DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required) | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| CE | RTIFICATE HOLDER | | | | CANC | ELLATION | | | | | | | | | | | |
| 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 Crai (ay | | | | | | | | | | | | | | | | | |



Workers Compensation and Employers Liability Insurance Policy



| Policy Number: | WCB1010852 |
|----------------|----------------------------------|
| Named Insured: | Blue Mountain Inc |
| Agency Name: | Dyer, Heflin, Bowers, and Eckels |

Extension of Information Page Classification of Operations

| Class Code | | | Rate Per \$100 of | Estimated |
|---------------|--|--------------|----------------------|-------------------|
| No. | Class Description | Exposure | Remuneration | Annual Premium |
| State: P | A | | | - 1011110111 |
| Premium | Period: 12/28/2015 - 12/28/2016 | | | |
| Location | : 2 | | | |
| 0955 | ENGINEERING CONSULTING FIRM | \$319,513.00 | 0.34 | \$1,086.00 |
| 9812 | Employers Liability Limits | | 0.014 | \$15.00 |
| 9885 | Merit Rating Premium | | 0.95 | \$55.00CR |
| 0900 | Expense Constant | | | \$250.00 |
| | Total Standard Premium | | | \$1,046.00 |
| 0064 | Premium Discount | | 0.0535 | \$56.00CR |
| 9740 | Terrorism | | 0.028 | \$89.00 |
| 9741 | Catastrophe (Other than certified acts of terrorism) | | 0.014 | \$45.00 |
| 0938 | Employer Assessment Premium Pursuant to Act 57 of 1997 | | 0.0164 | \$23.00 |
| | Estimated Annual Premium | | | \$1,374.00 |
| | Total Amount Due | | | \$1,397.00 |

Issue Date: 01/13/2016

Issuing Office: Charleston, WV

(Ed. 7-01)

| POLICY INFORMATION | PAGE ENDORSEMENT |
|--------------------|-------------------------|
|--------------------|-------------------------|

| ' | OLICY INFO | HMATION PAGE EN | DORSEMENT | |
|---|-------------------|--|--------------------------------------|-----------------------------|
| □ Insured's Name (WC 89 06 01) □ Item 3.B. Limits (WC 89 06 12) □ Policy Number (WC 89 06 02) □ Item 3.C. States (WC 89 06 13) □ Item 3.D. Endorsement Numbers (WC 89 06 14) □ Item 4.* Class, Rate, Other (WC 89 06 14) □ Item 4.* Class, Rate, Other (WC 89 04 15) □ Insured's Mailing Address (WC 89 06 05) □ Internal Adjustment of Premium (WC 89 04 16) □ Carrier Servicing Office (WC 89 06 17) □ Interstate/Intrastate Risk ID Number (WC 89 06 18) □ Change in Workplace of Insured (WC 89 06 08) □ Carrier Number (WC 89 06 19) □ Insured's Legal Status (WC 89 06 10) □ Issuing Agency/Producer Office Address (WC 89 06 25) □ Item 3.A. States (WC 89 06 11) □ Issuing Agency/Producer Office Address (WC 89 06 25) □ Item 3.A. States (WC 89 06 11) □ Insured's Legal Status (WC 89 06 10) □ Insured's Legal Sta | | | | |
| Classifications | Code No. | Premium Basis Total Estimated Annual Remuneration | Rate Per \$100 of Remuneration | Estimated Annual Premium |
| | | | | |
| Total Estimat | ed Annual Pre | mium \$32,252.00 | | |
| Minimum Premium \$291.00 | | Deposit P | remium | |
| All other terms and conditions of this pol | icy remain und | hanged. | | |
| This endorsement changes the police | cy to which it is | attached and is effective | e on the date issued unle | ess otherwise stated. |
| (The information below is required | only when th | is endorsement is issue | ed subsequent to prepa | ration of the policy.) |
| Endorsement Effective Date: 12/28/2019 | 5 Polie | by Number: WCB101085 | 2 Endorsement N | No.: 1 |
| Insured Name: Blue Mountain Inc | Premium: \$323.00 | | | |
| Insurance Company: BrickStreet Mutual | Insurance Cor | mpany | Dregory A. Di | |
| WC 89 06 00 B | | | Countersi | gned by |

(Ed. 7-01)



Workers Compensation and Employers Liability Insurance Policy

| Policy Number: | WCB1010852 |
|----------------|----------------------------------|
| Named Insured: | Blue Mountain Inc |
| Agency Name: | Dyer, Heflin, Bowers, and Eckels |



Extension of information Page Classification of Operations

State: WV

Premium Period: 12/28/2015 - 12/28/2016

| Location: | 1 | | | |
|--------------|---|----------------|--------|-------------|
| 8602 | SURVEYORS, TIMBER CRUISERS, OIL OR GAS GEOLOGISTS OR SCOUTS, & DRIVERS | \$1,663,804.00 | 0.62 | \$10,316.00 |
| 8603 | ARCHITECTURAL OR ENGINEERING FIRM | \$2,360,153.00 | 0.14 | \$3,304.00 |
| 8603 Inclu | de ARCHITECTURAL OR ENGINEERING FIRM - CLERICAL | \$175,279.00 | 0.14 | \$245.00 |
| 0930 | Waiver of Subrogation Premium | | | \$200.00 |
| 9812 | Employers Liability Limits | | 0.014 | \$194.00 |
| 9898 | Experience Modification Premium | | 1.62 | \$8,841.00 |
| | Total Standard Premium | | | \$23,100.00 |
| 9740 | Terrorism | | 0.014 | \$588.00 |
| 9741 | Catastrophe (Other than certified acts of terrorism) | | 0.014 | \$588.00 |
| 9614 | Broad Form Employers Liability | | 0.0792 | \$1,098.00 |
| 0164C | Coal Mine Disease Exposure - 0164C | | 2.23 | \$5,504.00 |
| 9703 | WV Regulatory Budget Surcharge | | 0.05 | \$1,198.00 |
| 9702 | WV Deficit Reduction Surcharge | | 0.09 | \$2,156.00 |
| 9704 | WV Fire and Casualty Surcharge | | 0.0055 | \$38.00 |
| | Estimated Annual Premium | | | \$30,878.00 |
| | Total Amount Due | | | \$34,270.00 |
| Policy Estin | nated Annual Premium | | | \$32,252.00 |
| Policy Total | Amount Due | | | \$35,667.00 |

Issue Date: 01/13/2016

Issuing Office: Charleston, WV





POLICY INSTALLMENT PLAN SCHEDULE

Blue Mountain Inc

Policy Number: WCB1010852

Coverage Period: 12/28/2015 to 12/28/2016

You have elected to pay the total estimated annual premium using an installment plan. There is a payment plan processing fee of \$0 for each installment. You may pay the entire balance at any time to avoid future installment charges.

The installment plan schedule presented below is an estimate. An invoice will be sent to you prior to each installment period. The payment schedule will change if there are changes to the total estimated premium due to mid-term policy activity.

INSTALLMENT PLAN SCHEDULE

| Installment | Amount Due | Due Date |
|-------------------------------|-------------|------------|
| Deposit Premium | \$8,825.00 | 12/28/2015 |
| Installment | \$8,825.00 | 03/19/2016 |
| Installment | \$9,010.00 | 06/17/2016 |
| Installment | \$9,007.00 | 09/17/2016 |
| Total Estimate Policy Premium | \$35,667.00 | |

Issue Date: 01/13/2016

Issuing Office: Charleston, WV

(Ed. 2-89)

ALTERNATE EMPLOYER ENDORSEMENT

This endorsement applies only with respect to bodily injury to your employees while in the course of special or temporary employment by the alternate employer in the state named in Item 2 of the Schedule. Part One (Workers Compensation Insurance) and Part Two (Employers Liability Insurance) will apply as though the alternate employer is insured. If an entry is shown in Item 3 of the Schedule the insurance afforded by this endorsement applies only to work you perform under the contract or at the project named in the Schedule.

Under Part One (Workers Compensation Insurance) we will reimburse the alternate employer for the benefits required by the workers compensation law if we are not permitted to pay the benefits directly to the persons entitled to them.

The insurance afforded by this endorsement is not intended to satisfy the alternate employer's duty to secure its obligations under the workers compensation law. We will not file evidence of this insurance on behalf of the alternate employer with any government agency.

We will not ask any other insurer of the alternate employer to share with us a loss covered by this endorsement.

Premium will be charged for your employees while in the course of special or temporary employment by the alternate employer.

The policy may be canceled according to its terms without sending notice to the alternate employer.

Part Four (Your Duties If Injury Occurs) applies to you and the alternate employer. The alternate employer will recognize our right to defend under Parts One and Two and our right to inspect under Part Six.

Schedule

- 1. Aiternate Employer Rice Olympus Midstream LLC
- 2. State of Special or Temporary Employment West Virginia
- 3. Contract or Project Surveying and Mapping

Address

400 Woodcliff Drive Canonsburg, PA 15317

This endorsement changes the policy to which it is attached and is effective on the date issued unless otherwise stated.

(The information below is required only when this endorsement is issued subsequent to preparation of the policy.)

Endorsement Effective Date: 12/28/2015

Policy Number: WCB1010852

Endorsement No.: 1

Dugory A. Buton

Insured Name: Blue Mountain Inc DBA Blue Mountain Engineering

Premium: \$32,252.00

Insurance Company: BrickStreet Mutual Insurance Company

Countersigned by

WC 00 03 01 A

(Ed. 2-89)

ALTERNATE EMPLOYER ENDORSEMENT

This endorsement applies only with respect to bodily injury to your employees while in the course of special or temporary employment by the alternate employer in the state named in Item 2 of the Schedule. Part One (Workers Compensation Insurance) and Part Two (Employers Liability Insurance) will apply as though the alternate employer is insured. If an entry is shown in Item 3 of the Schedule the insurance afforded by this endorsement applies only to work you perform under the contract or at the project named in the Schedule.

Under Part One (Workers Compensation Insurance) we will reimburse the alternate employer for the benefits required by the workers compensation law if we are not permitted to pay the benefits directly to the persons entitled to them.

The insurance afforded by this endorsement is not intended to satisfy the alternate employer's duty to secure its obligations under the workers compensation law. We will not file evidence of this insurance on behalf of the alternate employer with any government agency.

We will not ask any other insurer of the alternate employer to share with us a loss covered by this endorsement.

Premium will be charged for your employees while in the course of special or temporary employment by the alternate employer.

The policy may be canceled according to its terms without sending notice to the alternate employer.

Part Four (Your Duties If Injury Occurs) applies to you and the alternate employer. The alternate employer will recognize our right to defend under Parts One and Two and our right to inspect under Part Six.

Schedule

- 1. Alternate Employer Rice Poseidon Midstream LLC
- 2. State of Special or Temporary Employment West Virginia
- 3. Contract or Project Surveying and Mapping

Address

400 Woodcliff Drive Canonsburg, PA 15317

This endorsement changes the policy to which it is attached and is effective on the date issued unless otherwise stated.

(The information below is required only when this endorsement is issued subsequent to preparation of the policy.)

Endorsement Effective Date: 12/28/2015

Policy Number: WCB1010852

Endorsement No.: 1

Dregory A. Suton

Insured Name: Blue Mountain Inc DBA Blue Mountain Engineering

Premium: \$32,252.00

Insurance Company: BrickStreet Mutual Insurance Company

Countersigned by

WC 00 03 01 A

(Ed. 2-89)

(Ed. 4-84)

WAIVER OF OUR RIGHT TO RECOVER FROM OTHERS ENDORSEMENT - BLANKET

We have the right to recover our payments from anyone liable for an injury covered by this policy. We will not enforce our right against the person or organization named in the Schedule. (This agreement applies only to the extent that you perform work under a written contract that requires you to obtain this agreement from us.)

This agreement shall not operate directly or indirectly to benefit anyone not named in the Schedule.

Schedule

State

Description

WV

Any party with whom the insured agrees to waive subrogation in a written contract.

This endorsement changes the policy to which it is attached and is effective on the date issued unless otherwise stated.

(The information below is required only when this endorsement is issued subsequent to preparation of the policy.)

Endorsement Effective Date: 12/28/2015

Policy Number: WCB1010852

Endorsement No.: 1

Dregory A. Buton

Insured Name: Blue Mountain Inc DBA Blue Mountain Engineering

Premium: \$32,252.00

Insurance Company: BrickStreet Mutual Insurance Company

Countersigned by

WC 00 03 13 (Ed. 4-84)

240 Army Road • Kingwood • West Virginia • 26537-1077

Blue Mountain Inc.



Camp Dawson Army Training Site

240 Army Road • Kingwood • West Virginia • 26537-1077



PROJECT SCHEDULE

BMI can initiate our services of this project upon contract award. A pre-work conference will be coordinated for BMI and will be scheduled at Camp Dawson within fifteen (15) days after the official award of the contract.

| Task | Timeline |
|---|---|
| Prepare Summary Work Plan Proposal | 10 Days |
| Camp Dawson Environmental Meeting | 15 Days from Contract Award Date |
| Start-up Letter & Approved Plan of Work | 30 Days from Contract Award Date |
| Weekly Progress Reports | Weekly |
| Complete Assessments | August 15, 2016 |
| Complete and Submit Draft Invasive Species | September 15, 2016 |
| Inventory and Assessment and a draft Update | - · · · · · · · · · · · · · · · · · · · |
| of Plant Community Mapping Data | |
| Completion of Project: Complete and Submit | November 15, 2016 |
| Final Invasive Species Inventory and | |
| Assessment and a Final Update of Plant | |
| Community Mapping Data | |

BMI will be proactive in communication to ensure scheduling needs are being met, and can expedite processes in response to requests or needs. The estimated work completion times are independent of response times from other companies and agencies outside of BMI control.



Blue Mountain Inc. TECHNICAL PROPOSAL



TECHNICAL PROPOSAL

The Camp Dawson Collective Training Area (CDCTA) is required under the Sikes Act (16 USC670a et seq.), Army Regulation (AR) 200-3, and Department of Defense Instruction 4715.3 to collect and maintain a natural resources baseline.

Objective 1: Non-Native Invasive Species Survey

The CDCTA is managed by the West Virginia Army National Guard (WVARNG), whom has previously (2005) developed an Invasive Species Eradication Plan (ISEP). With the direction of this plan, the WVARNG has the goal to reduce the proliferation and dominance of invasive plant species to allow the preservation and restoration of native forest vegetation of greater ecological and economic value.

The purpose of this survey is to collect and update information of the population changes for non-native invasive species on the Cantonment Area and the Volkstone Track. These two tracks combine to total 652 acres, which are the focal points for the invasive species survey and assessment.

To implement and monitor the progress of the ISEP, all invasive species on these two tracks will be surveyed according to National Vegetation Classification System (NVCS) Standards, and supplemental GIS data will be collected. Blue Mountain, Inc. (BMI) employees recommend a ground based reconnaissance inventory to visually inspect the entirety of the two tracks for invasive species populations. Once a population of invasive species is found, it will be documented through both GIS data, and field forms.

Final survey methods will be designed to follow the standards of the United States Fish and Wildlife Service for Invasive Species inventories.

Objective 2: Species of Special Concern Survey

Present on multiple tracks of the CDCTA are populations of species of special concern. Species of special concern (SSC) have a very specific habitat type. BMI recommends utilizing the data collected from previous habitat studies, current aerial photography, and soils maps to identify the most likely areas of population spread for each SSC. Utilizing this information to supplement the current known population data allows BMI to direct the survey to a smaller geographic region.

When surveying known populations of SSC, BMI will take extreme caution to avoid trampling, altering, removing, or affecting any living or dead individuals and populations. BMI understands the importance of these populations, and will work with the utmost respect for their habitats, resulting in the least amount of impact as possible while collecting the information required.



Objective 3: Survey Newly Developed Land

The CDCTA has identified approximately 275.8 acres of newly developed land. The requested vegetative survey of these areas are of the habitat compositions and species present. Utilizing aerial photography, BMI recommends distributing the 275.8 acres into habitat communities by utilizing aerial photography and historical data. Once these communities are established, sampling plots will be identified for the purpose of identifying all vascular plants and basic environmental conditions within each community will be collected. Simple ground trothing and integration of new vegetative communities will be updated once the sampling is completed. The total number of sample plots will be identified when the sampling plan is established. All invasive species present within the 275.8 acres will be surveyed according to National Vegetation Classification System (NVCS) Standards, and supplemental GIS data will be collected.

All of the information collected will be integrated into the existing vegetative community data.

Objective 4: Update GIS Data

BMI GIS staff will ensure all data collected during the survey conforms to the National Vegetation Classification System as well as the National Guard Bureau (NGB) Quality Assurance Plan SDFIE (v.2.610 and v.3.1).

Utilizing historical survey data, and including the 2016 survey data, BMI will produce maps of plant communities present at Camp Dawson.

Equipment

BMI utilizes ArcGIS version 10.4 for data management and Topcon GRS-1 handheld units for data collection.



Blue Mountain Inc. DELIVERABLES



DELIVERABLES

Summer Survey Work Plan will include:

- Detailed methodologies for surveys.
- How data will be collected, stored, and analyzed.
- How results will be reported and report formats.
- Complete breakdown of costs, and a proposed schedule for all work submission of deliverables.

Final Survey Work Plan will include:

- Description and justification of any modifications from the study plan.
- Full names of the survey personnel.
- Summary tables of vegetative information.
- Photographs of each plot location, representative photos of each invasive species identified and plant pressing for each invasive species. Representative photos of each SSC, and other information requested.
- GPS data of all vegetative data collected.
- Copies of all data sheets.
- Curriculum vitae of primary researchers and technicians.

Vegetative Communities Data Update and Maps will be to the standards of the National Vegetation Classification System (NVCS) in accordance with the NGB Quality Assurance Plan and SDFIE (v.2.610 and v.3.1). Digital maps of plant communities at Camp Dawson and a digital map based on the analysis of the invasive species survey and assessment. A draft copy of the map (delivered in both electronic and hard copy formats) will be delivered to WVARNG personnel for review. A final copy will be submitted in hard copy and electronic copy.

Invasive Species Inventory and Assessment (ISIA): a Draft ISIA will be delivered to WVARNG personnel for review (two hard copies). A Final ISIA will be delivered to WVARNG personnel with all WVARNG comments and edits, along with all photography, field notes, reports, maps and other data generated by BMI while completing the project. The final ISIA will be delivered in hard copy (three copies) and one electronic copy.



Blue Mountain Inc. QUALIFICATIONS

Quotation for: Bat Survey - Endangered Species Management Plan - Camp Dawson

Camp Dawson Army Training Site

240 Army Road • Kingwood • West Virginia • 26537-1077



QUALIFICATIONS

Eric Goddard will be taking lead to design and perform the vegetation surveys. His resume is included in the following pages.

References

- A. Daniel Schell, Forester Bureau of Land Management, (303) 243-2410, <u>dannyjschell@gmail.com</u>
- B. Chrissy Zeltner, Coordinator on Board of Directors
 West Virginia Rivers Coalition, (304) 612-1084, chrizee@msn.com
- C. Dr. William MacDonald, Professor of Plant Pathology West Virginia University, (304) 293-8818, macd@wvu.edu

Relevant Project Experience

Please see the following pages for relevant project experience.

ENDANGERED SPECIES CONSERVATION SERVICES



Location:

Green County, Pennsylvania

Client:

Noble Energy

Dates:

Fall 2014

Present Status:

Complete

Project Type:

Classification.

Five SOSC Botanical Reports

Major Project Elements: Habitat Assessment, Community Association

Conservation Measures

RHL-34

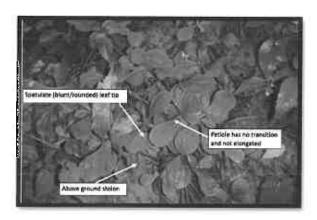


BMI was contracted by Noble Energy to design a shale gas well and fresh water impoundment, provide all environmental work, and Species of Special Concern (SOSC) botanical survey

encompassing an approximately 100 acre area of investigation (AOI).

The botanical survey was thorough and complete for the entire property identifying all species of vascular plants within the AOI. Dominant cover types were established and plant community types were developed based on environmental factors and plant associations. These delineated community types were then mapped with distinct bondaries based on GPS coordinates taken in the field. No species of special concern of the query group were located, however, over 175 plant species were identified and grouped into vegetative communities. Endangered bat habitat trees also were identified and a conservation plan was created for this site.

Due diligence at this site led to the establishment of future PA DCNR protocol standards for ease of identification for Antennaria solitaria (single headed pussytoes) when not in flower.



ENDANGERED SPECIES CONSERVATION SERVICES



Location:

Green County, Pennsylvania

Client:

Noble Energy

Dates:

2014 to 2015

Present Status: Complete

Project Type:Four SOSC Botanical Reports

PA DCNR approved SOSC transplant, and mitigation and monitoring report.

Major Project Elements: Habitat Assessment, Community Association Classification, Transplant, Conservation Measures RHL-35



BMI was contracted by Noble Energy to design a shale gas well and tank pad, provide all environmental work, and Species of Special Concern (SOSC) botanical survey encompassing a 65 acre area of investigation (AOI).

The botanical survey was thorough and complete for the entire property identifying all species of vascular plants within the AOI. Dominant cover types were established and plant community types were developed based on environmental factors and plant

associations. These delineated community types were then mapped with distinct bondaries based on GPS coordinates taken in the field. Two distinct SOSC were located in isolated pockets. They were photo documented, metedata was collected, and a specimen of each was

collected via PA
DCNR protocol,
pressed and sent to a
PA state herbarium
for documentation.
Only one plant
species group was
within an
unavoidable
disturbance area.



These plants were

successfully transplanted to another location of a similar community type and environmental factors. A monitoring protocol was necessary until plant establisment and further fecunduty was confirmed for release by the PA DCNR. Endangered bat habitat trees also were identified and a conservation plan was created for this site.

ENDANGERED SPECIES CONSERVATION SERVICES



Location:

Green County, Pennsylvania

Client:

Cumberland Coal Resources

Dates:

Spring 2015 - Current

Present Status:

Wetland mitigation complete and undergoing monitoring.

Project Type:

Wetland delineation, Mitigation, and Monitoring

Major Project Elements: Habitat Assessment, Restoration and Replanting Measures

W-1203

BMI was contracted by Cumberland Coal Resources to design a conventional gas well plugging, provide all environmental work to



include wetland and botanical delineations within the area of investigation (AOI).

The majority of the site was upland, but the historic well was located within a wetland boundary. This

wetland was a forested (PFO), scrub/shrub (PSS) and emergent (PEM) wetland complex. The well was surrounded with PFO underlain with PSS. The bordering PEM boundary within the adjacent flood plain was dominated by invasive *Phalaris arundinacea* (reed canary grass). The PADEP required mitigation for the PFO/PSS wetland, an invasive species management plan, and reseeding of an endemic wetland mix for the hebaceous layer within the entire disturbance. Multiple wetland species of trees and shrubs native to the region and an appropriate seed mix were planted by BMI staff. Preventative

measures were implemented to prevent the deer from browsing. Care and stewardship are ongoing to assist with reestablishment, reduce disease pressure, and maintaining deer browsing



prevention cages. BMI wrote the mitigation plan, and are conducting all monitoring at the site for five (5) years or until the site is released by the PADEP.

Eric S. Goddard, M.S., PWS

Summary

Mr. Goddard has over 11 years of experience as an environmental and biological scientist. He has held positions of responsibility as a consulting scientist for governmental, private, and large publicly traded entities. Through his career, he has gained experience in a wide array of biological projects to aid in environmental; compliance, mitigation, sustainability, protocols and conservation for private and governmental development. Mr. Goddard has his Professional Wetland Scientist (PWS) certification and an expanse of degrees ranging from 1995 (A.S. Forestry) and 1998 (B.S. Biology/Botany), both from Glenville State College, WV. He then went on to complete his M.S. degree in Plant Pathology from West Virginia University in 2015 and currently resides in Morgantown, WV.

Experience

12/2013-Present

Blue Mountain, Inc.

Burton, WV

Biological, Wetlands and Waterways Scientist

- Oversight of all aspects of botanical, wetland, and stream field work with subsequent reporting to clients, state and federal entities for the compliance, mitigation and permitting process.
- Delineates wetlands and streams in accordance to all state and federal protocols with experience in WV, PA, NY, KA, MO, WY and ID.
- Plant identification specialist that performs botanical and animal habitat surveys for Rare, Threatened and Endangered (RTE) species in accordance to state and federal protocols with experience in WV, PA (licensed), NY, WY and ID for multiple species.
- Transplants and writes compliance mitigation plans for all RTE botanical species.
- Aids in development of internal permitting protocols and quality assurance measures.
- Submitted many successful/approved permits and clearance letters in PA and WV pertaining to well pads, pipelines, roads and RTE species.
- Works closely in conjunction with engineering and surveying departments to aid in environmental resource avoidance, compliance measures and deliverables.
- Works closely with team support for development of client requests for proposal.
- Creates ArcGIS maps for environmental and permitting report packages.
- Performs thorough onsite inspections to aid clients in avoiding unexpected setbacks during design.
- Performs Initial Route Development Walks with engineers and survey crews for pipelines and staging pads for initial environmental avoidance measures to curtail costly redesigns and unnecessary impacts.
- Corresponds and meets with regulatory agencies, construction contractors and clients to aid
 in obtaining environmental compliance approval for all permits.

05/2013-09/2013

Ecosystems Management Inc.

Albuquerque, NM (Work Performed in Elk City, Idaho)

Plant Pathologist, Forester and Botanist (FORVIS)

- Served as a team leader for Forest Inventory and environmental consultant for a Bureau of Land Management (BLM) government contract to botanically assess timber, disease and insects while classifying all existing plant species.
- Performed analysis of habitat typing and Natural Diversity Index.
- Assessed all disease, insect pests and damage variables within the plots.
- Passed stringent standards set forth by Bureau of Land Management and weekly inspections.

- Complex record keeping and data entry required into government database.
- Performed forest measurements using a relascope, clinometer, BAF prisms, densitometer, DBH tape and other required instrumentation.
- Required GPS location of plots and map orienteering in a complex western mountain system.

03/2009-05/2013

Hatch Mott Macdonald Engineering

Morgantown, WV

Environmental Scientist

- Served as a lead scientist and consultant pertaining to wetlands, streams, plants, and RTE species habitat compliance and standards in accordance with state and federal regulatory agencies.
- Stream monitoring team leader for PADEP compliance monitoring and all parameters included pertaining to field work for the Bailey and Blacksville mines.
- Performed Initial Route Development Walks over hundreds of miles with engineers, and survey crews for pipelines and staging pads for initial environmental avoidance measures to curtail costly redesigns and unnecessary impacts.
- Corresponded and met with regulatory agencies, construction contractors and clients on a regular basis to aid in obtaining environmental compliance approval for permits.
- Worked closely and wrote technical reports for well pad and pipeline environmental permitting in PA, WV, NY, MO, and KA.
- Generated technical reports for RTE species, wetland delineations, environmental impact assessments and aided in an array of permitting/compliance reports generated for regulatory entities such as USACE, DEP, DEC, DCNR, SHPO and FERC.
- Worked between multiple departments and locations to ensure that all of the clients' goals were met.
- Performed plant and animal surveys for RTE species and habitats on future disturbance sites.
- Performed benthic macro-invertebrate analysis and water sampling of stream quality health and eco-functional index based on identification and classification as bio-indicator species.

09/2008-12/2008

SWCA Environmental Consulting Agency

Vernal, UT

Botanical Field Biologist

- Team Leader botanist for a study concerning federally endangered plant species Sclerocactus wetlandicus (hookless Sclerocactus) and Penstemon albifluvis (White River beardtongue).
- Located plant specimens for oil and gas industries upon leased BLM and Sovereign Nation Tribal land for prevention of any damage or disturbance to existing plants and raptor nest sites.
- Performed surveys for federally significant raptor (birds of prey) nesting sites.
- Plant community and habitat typing when plant specimens or raptor nesting sites were located.

07/2008-09/2008

Teton Science School

Jackson, WY

Habitat Biologist

- Ground proofing team leader for aerial survey evaluation and confirmation mapping of infra-red imagery and delineation of *Populous tremuloides* (quaking aspen) stands for fire control.
- Cooperated with the Wyoming Game and Fish, USFS, and BLM within the Greys River Ranger District, WY.
- Performed aspen inventory, complete botanical species identification, browse index determinations and community typing analyses.
- Performed complex data collection and entry into a federal data-base.
- Located stands with Trimble GPS and established transects for location mapping, data collection, and survey parameters.

02/2008-07/2008

Jackson Hole Aviation

Jackson, WY

Aviation Fuel Farm Manager

- Management of Fuel inventory and Ground Service Fuel equipment at Jackson Hole Regional Airport.
- Representative to commercial airline auditors and Federal Aviation Administration.
- Quality Control and receiving of all aviation fuel entering the airport that also served the Vice Presidential Airforce II and military escorts.
- Met with the FAA and airline auditors performing random and scheduled inspections for airlines and quality control of fuel equipment, facilities and legal documentation (ATAs).
- Service and maintenance of fuel farm storage, delivery and receiving system.
- Continuously had to monitor the critical EBW computer control system gauging, volumes, ullage, and alarm systems.
- Received multiple fuel loads (up to 36,000 gallons daily) and performed fuel chemical and hydrologic Quality Control chemical tests in accordance to regulatory mandates.
- Fueled and moved commercial and private airplanes.
- Assistant to airplane mechanics and ground service equipment maintenance.
- Performed de-icing of airplanes and heavy equipment operations: Fuel trucks, backhoe, fork-lift, Gradall and various loaders.

04/2002-02/2008

Snow King Resort

Jackson, WY

Assistant Manager (Alpine Slide and Tubing Park) and Mountain Supervisor

- Worked to ensure the safe and successful daily operation of both the Alpine Slide and the Snow Tubing Park at Snow King Resort.
- Supervised fifteen to twenty employees and provided service to nearly 3000 guests daily during the peak season.
- Worked independently to solve daily problems such as equipment failure, scheduling and the ever changing dynamics of tourist related issues.
- Attended weekly budgeting and finance discussions with senior managers concerning staffing, equipment, sales, and maintenance.
- Aided in development of forest fire prevention plan and implementation through forest glading to expand useable ski terrain.
- Additional duties included snowmaking (supervisory), ski lift maintenance, snow cat maintenance, ATV maintenance and ATV, snow mobile, and heavy equipment operation (snow cat, backhoe, and bulldozer).

06/1999-04/2002

Mannette Steel Drums

Morgantown, WV

Steel Drum Musical Instrument Craftsman

- Demonstrated patience and minute attention to detail in a professional artistic environment.
- Traveled to the countries of Trinidad and Tobago as an international artist and worked in collaboration with the College of the West Indies, national artists and Pan Yards.
- Served as an Honorary Ambassador that entertained and discussed international policy with Trinidad's Prime Minister, President, Ambassadors, Delegates, and Resident Artisans.

03/1996-10/2001

White Water Information, Raft West Virginia; Kayak and Custom Adventures Worldwide Fayetteville, WV Seward, AK

White Water, Oceanic Kayaking, Camping, Fishing and Expedition Guide

- Guided commercial whitewater tours on the New, Gauley, (WV), Colorado (AZ) and Nenana Rivers (AK).
- Guided sea kayaking, glacial hiking, and fishing tours in the Kenai Fjords National Park and Resurrection Bay (AK).
- Responsible for safe water navigation and rescue in class I-V rapids with tourists.
- Anticipated and coped with the dangers associated with open-ocean and rough shore sea kayaking in hypothermic water temperatures, large animal encounters, treacherous terrain associated with glacial topography, white-water, and extremely inclement weather.
- Organized and lead multi-day excursions associated with wilderness survival.
- Maintained a high level of professionalism, calmness and customer service in high-stress, dangerous environments.
- Served as a naturalist informing guests of geological history, as well as biological and ecological interactions within their environment.

06/1992-09/1995

West Virginia Department of Agriculture

Charleston, WV

Gypsy Moth Program Field Technician

- Conducted field research data collection for analysis of the hardwood pest *Lymantria dispar* (European Gypsy Moth) and its habitat distribution over the state of West Virginia.
- Worked independently as a field agent and representative as a consultant to land owners.

Education

Associate of Science, Glenville State College, Glenville, WV (1995)

Forestry

Bachelor of Science, Glenville State College, Glenville, WV (1998)

Biology/Botany

Master of Science, West Virginia University, Morgantown, WV (2015)

- Plant Pathology
- Additional Employment Held During Coursework for Scholarship (01/2011-12/2013)
 - Biology Lab Teaching Assistant (Bio 115, 117, and Plant Pathology 470)
 - Performed: Full lectures including experimental management and design for students;
 - Lab material set up and explanation;
 - Detailed grading and record keeping pertaining to lab reports, quizzes, exams, in class activities and final semester grades;
 - Brief weekly lectures concerning a contemporary forest pest;
 - Creation of power points and teaching presentations;
 - Creation of weekly quizzes:
 - Collaboration with senior faculty to create and grade term exams;
 - Work in conjunction effectively with other teaching assistants and senior faculty;
 - Answering student questions and arranging meetings to aid with subject comprehension;
 - Establishment of good rapport and line of communication with students to help create a quality atmosphere for learning.

- WVU Extension Plant Pathologist
 - Performed: Biological control studies and mycological experimentation for plant pathogens;
 - Greenhouse/field crop agricultural procedures and plant maintenance;
 - PCR, molecular diagnostics, and advanced laboratory procedures;
 - Plant pathogen diagnostics and DNA isolation for sequencing:
 - Transplanting of endemic and invasive species to greenhouse setting for pathogen specificity studies;
 - Organic and modern farming procedure implementation and statistically tested comparisons;
 - Fungicide and pesticide application.

Licenses, Certifications and Training

- Professional Wetland Scientist (PWS), Society of Wetland Scientists (Current)
- Wetland Delineation Certification, Richard Chinn (40 hr. Current)
- Wetland Permitting Certification (Richard Chinn (16 hr. Current)
- 25 PA Code Chapter 102 and 105 training (6 PD hr. Current)
- Real Time and Quantitative PCR and DNA Isolation, University of Kentucky (40 hr. Current)
- Macroinvertebrate Bio-indicator Training, West Virginia Dept. of Natural Resources (40 hr. Current)
- Member of the Society of Wetland Scientists (SWS) (Current)
- Pennsylvania Wild Plant Management Permit (Current)
- Asbestos Inspector, WV and PA (40 hr. Current)
- OSHA 10 (Current)
- Safeland/RigPass (Current)
- Chainsaw Safety, Soren Erickson (40 hr. Current)

Certifications Held but Not Current

- Federal Aviation Administration (FAA) Fuel Farm Management
- FAA Commercial Airline Fueling
- HAZMAT
- First Aid and CPR
- Wilderness First Responder
- Swift Water Rescue
- Open Water Rescue

References

References are available upon request.