



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

Header @ 1

List View

General Information Contact Default Values Discount Document Information Clarification Request

Procurement Folder: 1717189

Procurement Type: Central Purchase Order

Vendor ID: 000000210866

Legal Name: ALLIANCE CONSULTING INC

Alias/DBA:

Total Bid: \$0.00

Response Date: 08/20/2025

Response Time: 11:43

Responded By User ID: ksweeney

First Name: Kelly

Last Name: Sweeney

Email: ksweeney@aci-wv.com

Phone: 304-255-0491

SO Doc Code: CEOI

SO Dept: 0313

SO Doc ID: DEP2600000001

Published Date: 8/13/25

Close Date: 8/20/25

Close Time: 13:30

Status: Closed

Solicitation Description: AML - EOJ Pre-Qualification for Consultants

Total of Header Attachments: 1

Total of All Attachments: 1



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

**State of West Virginia
 Solicitation Response**

Proc Folder: 1717189
Solicitation Description: AML - EOI Pre-Qualification for Consultants
Proc Type: Central Purchase Order

Solicitation Closes	Solicitation Response	Version
2025-08-20 13:30	SR 0313 ESR08202500000001192	1

VENDOR
 000000210866
 ALLIANCE CONSULTING INC

Solicitation Number: CEOI 0313 DEP2600000001
Total Bid: 0
Response Date: 2025-08-20
Response Time: 11:43:54
Comments:

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

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

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

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
1	EOI Engineering Design Services				0.00

Comm Code	Manufacturer	Specification	Model #
81100000			

Commodity Line Comments:

Extended Description:

EOI Engineering Design Services



Alliance Consulting, Inc.
Engineers • Constructors • Scientists

SEALED BID: EOI - EOI Engineering Design Services

BUYER: Josh Hager

SOLICITATION NO.: CEOI 0313 DEP2600000001

BID OPENING DATE: 08/20/2025

BID OPENING TIME: 1:30 PM ET

FAX NUMBER: 304-558-3970

Beckley, WV

Raleigh County Airport Industrial Park
124 Philpott Lane
Beaver, WV 25813-9502
Telephone: (304) 255-0491
Fax: (304) 255-4232

Canonsburg, PA

3 Four Coins Drive, Ste. 100
Canonsburg, PA 15317
Telephone: (724) 745-3630
Fax: (724) 745-3631



Alliance Consulting, Inc.
Engineers • Constructors • Scientists

August 20, 2025

DEPARTMENT OF ADMINISTRATION

Purchasing Division
2019 Washington Street East
Charleston, WV 25305-0130

Transmittal
Expression of Interest
Engineering Design Services
AML - EOI Pre-Qualification for Consultants
Solicitation No. CEOI 0313 DEP2600000001

To whom it may concern:

The package herein is in response to the Expression of Interest (EOI) issued August 1, 2025 for AML - EOI Pre-Qualification for Consultants. Please find enclosed the EOI forms and Expression of Interest Document for Alliance Consulting, Inc. for consideration.

If you have any questions or require additional information, please let us know.

Respectfully submitted,

ALLIANCE CONSULTING, INC.

Braden A. Hoffman
Senior Vice President/CFO

BAH:kjs



Alliance Consulting, Inc.
Engineers • Constructors • Scientists

EXPRESSION OF INTEREST DOCUMENT

SOLICITATION NO.: CEOI 0313 DEP260000001

CONTENTS

STATE OF WEST VIRGINIA – PURCHASE DIVISION DOCUMENTS

1. Centralized Expression of Interest Form
2. Solicitation/Expression of Interest Document and Certification

PROJECT SPECIFICATIONS DOCUMENTS

3. Background
4. Project and Goals
5. Contract Services Deliverables
6. Qualifications, Experience, and Past Performance
 - Attachment “A” - West Virginia Department of Environmental Protection AML Consultant Qualification Questionnaire (CQQ)
 - Attachment “B” - AML and Related Project Experience Matrix (RPEM)
 - Attachment “C” - Resumes for Key Staff Members

VENDOR ADMINISTRATIVE INFORMATION

7. Vendor Identification Number & Licenses
8. Federal Employee Identification Number
9. Proof of Workers Compensation Coverage and Professional Liability Insurance
10. Proof of WV SWAM Small Business Certification

Beckley, WV
Raleigh County Airport Industrial Park, 124 Philpott Lane
Beaver, WV 25813-9502
Telephone: (304) 255-0491

STATE OF WEST VIRGINIA –
PURCHASE DIVISION DOCUMENTS

Solicitation No.: CEOI 0313 DEP2600000001



1. CENTRALIZED EXPRESSION OF INTEREST FORM

The Centralized Expression of Interest Form is included on the pages that follow.





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

**State of West Virginia
 Centralized Expression of Interest**

Proc Folder: 1717189			Reason for Modification: Addendum #1 issued to publish agency responses to vendor submitted questions.
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Date Issued	Solicitation Closes	Solicitation No	Version
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BID RECEIVING LOCATION

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

VENDOR

Vendor Customer Code: 000000210866
Vendor Name : Alliance Consulting, Inc.
Address : 124 Philpott Lane
Street : 124 Philpott Lane
City : Beaver
State : WV **Country :** US **Zip :** 25813
Principal Contact : Braden A. Hoffman
Vendor Contact Phone: 304-255-0491 **Extension:** 146

FOR INFORMATION CONTACT THE BUYER

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

Vendor
 Signature X

FEIN# 55-0778450

DATE 8/20/2025

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

ADDITIONAL INFORMATION

The Acquisitions and Contract Administration Section of the Purchasing Division is soliciting vendors to prequalify to provide proposals on Expression(s) of Interest(s) ("EOI") for the West Virginia Department of Environmental Protection, Division of Land Restoration, Office of Abandoned Mine Lands and Reclamation (WVDEP-DLR-AML) from qualified firms to provide architectural/ engineering services pursuant to HB 3429.

The purpose of the project is to solicit pre-qualifications for the purpose of making available a list of pre-qualified Consultants.

INVOICE TO	SHIP TO
ENVIRONMENTAL PROTECTION OFFICE OF AML&R 601 57TH ST SE CHARLESTON WV 25304 US	ENVIRONMENTAL PROTECTION OFFICE OF AML&R 601 57TH ST SE CHARLESTON WV 25304 US

Line	Comm Ln Desc	Qty	Unit Issue
1	EOI Engineering Design Services		

Comm Code	Manufacturer	Specification	Model #
81100000			

Extended Description:
EOI Engineering Design Services

SCHEDULE OF EVENTS

<u>Line</u>	<u>Event</u>	<u>Event Date</u>
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	Document Phase	Document Description	Page
DEP2600000001	Final	AML - EOI Pre-Qualification for Consultants	3

ADDITIONAL TERMS AND CONDITIONS

See attached document(s) for additional Terms and Conditions



Department of Administration
 Purchasing Division
 2019 Washington Street East
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**State of West Virginia
 Centralized Expression of Interest**

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 PURCHASING DIVISION
 2019 WASHINGTON ST E
 CHARLESTON WV 25305
 US

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 (304) 558-2306
 joseph.e.hageriii@wv.gov

Vendor Signature X  **FEIN#** 55-0778450 **DATE** 8/20/2025

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	Document Phase	Document Description	Page
DEP2600000001	Final	AML - EOI Pre-Qualification for Consultants	3

ADDITIONAL TERMS AND CONDITIONS

See attached document(s) for additional Terms and Conditions

2. SOLICITATION/EXPRESSION OF INTEREST DOCUMENT AND CERTIFICATION

The Solicitation/Expression of Interest Document and Certification is included on the pages that follow.





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 Purchasing Division
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State of West Virginia
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BID RECEIVING LOCATION

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 joseph.e.hageriii@wv.gov

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Extended Description:
EOI Engineering Design Services

SCHEDULE OF EVENTS

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SOLICITATION NUMBER:
Addendum Number:

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.

ATTACHMENT A

RFI: Questions from vendors for CEOI DEP 26*01 AML Pre-qualification

Q.1.) Our company specializes in AML project development, design, permitting, and inspection. Another unit we have specializes in construction of large-scale reclamation and remediation projects for the mining and other associated industries. Our company owns and operates all the construction equipment necessary to complete the construction of these projects. For this EOI for prequalification of firms, can the two companies' operating units' partner to provide a single entity which can complete all phases and aspects of the AML reclamation projects start to finish?

A. Your company can partner but the construction for these designs will be bid out separately.

Q.2. Please confirm only attachments A and B are required to submit in order to obtain prequalification.

A. You must submit your qualification per section 4

Q.3. Please confirm firms do not need to provide full-page resumes for personnel listed

A. You must submit your qualification per section 4

ADDENDUM ACKNOWLEDGEMENT FORM
SOLICITATION NO.: _____

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

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

Addendum Numbers Received:

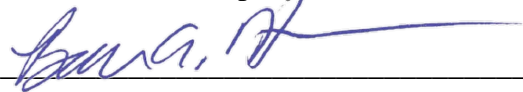
(Check the box next to each addendum received)

- | | |
|--|--|
| <input checked="" type="checkbox"/> Addendum No. 1 | <input type="checkbox"/> Addendum No. 6 |
| <input 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.

Alliance Consulting, Inc.

Company



Authorized Signature

8/20/2025

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
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2025-08-01	2025-08-20 13:30	CEOI 0313 DEP2600000001	1

BID RECEIVING LOCATION

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

VENDOR

Vendor Customer Code: 000000210866
Vendor Name : Alliance Consulting, Inc.
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State : WV **Country :** US **Zip :** 25813
Principal Contact : Braden A. Hoffman
Vendor Contact Phone: 304-255-0491 **Extension:** 146

FOR INFORMATION CONTACT THE BUYER

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

Vendor Signature X  **FEIN#** 55-0778450 **DATE** 8/20/2025

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

ADDITIONAL INFORMATION

The Acquisitions and Contract Administration Section of the Purchasing Division is soliciting vendors to prequalify to provide proposals on Expression(s) of Interest(s) ("EOI") for the West Virginia Department of Environmental Protection, Division of Land Restoration, Office of Abandoned Mine Lands and Reclamation (WVDEP-DLR-AML) from qualified firms to provide architectural/ engineering services pursuant to HB 3429.

The purpose of the project is to solicit pre-qualifications for the purpose of making available a list of pre-qualified Consultants.

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Comm Code	Manufacturer	Specification	Model #
81100000			

Extended Description:
EOI Engineering Design Services

SCHEDULE OF EVENTS

<u>Line</u>	<u>Event</u>	<u>Event Date</u>
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EXPRESSION OF INTEREST

Pre-Qualification for Design Firms

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- 3. Section Two: Instructions to Vendors Submitting Bids**
- 4. Section Three: Project Specifications**
- 5. Section Four: Vendor Proposal, Evaluation, and Award**
- 6. Section Five: Terms and Conditions**
- 7. Certification and Signature Page**

SECTION ONE: GENERAL INFORMATION

- 1. PURPOSE:** The Acquisitions and Contract Administration Section of the Purchasing Division (“Purchasing Division”) is soliciting vendors to prequalify to provide proposals on Expression(s) of Interest(s) (“EOI”) for the West Virginia Department of Environmental Protection, Division of Land Restoration, Office of Abandoned Mine Lands and Reclamation (WVDEP-DLR-AML) (“Agency”), from qualified firms to provide architectural/engineering services (“Vendors”) pursuant to HB 3429.
- 2. PROJECT:** The purpose of the project is to solicit pre-qualifications for the purpose of making available a list of pre-qualified Consultants.

Enrolled Version - Final Version

OTHER VERSIONS - [Committee Substitute \(1\)](#) | [Engrossed Version](#) | [Introduced Version](#) |

Key: **Green** = existing Code. **Red** = new code to be enacted

WEST VIRGINIA LEGISLATURE
2025 REGULAR SESSION
ENROLLED
Committee Substitute
for
House Bill 3429

BY DELEGATE RILEY

[Passed April 12, 2025; in effect 90 days from passage (July 11, 2025)]

AN ACT to amend the Code of West Virginia, 1931, as amended, by adding a new section designated **§22-2-11**, relating to providing engineering services under the abandoned mine lands and reclamation act; requiring certain advertisements; establishing a prequalification process for hiring engineering firms; providing prequalification agreement requirements; and providing directives for project assignments.

Be it enacted by the Legislature of West Virginia:

ARTICLE 2. ABANDONED MINE LANDS AND RECLAMATION ACT.

§22-2-11. Prequalification process for consultants; project assignments.

(a) For purposes of this section, "professional services" means engineering services provided by firms and includes those professional services of an engineering nature as well as incidental services that members of those professions and those in their employ may logically or justifiably perform.

(b) The secretary shall publish a Class II legal advertisement to solicit letters of interest for professional services used in engineering procurement. The advertisement:

(1) Shall comply with the Class II legal advertisement provisions of **§59-3-1** *et seq.* of this code;

(2) State a time and place for submitting letters of interest and a description of the services required;

(3) Specify the secretary's right to reject any letter of interest; and

(4) Shall be published at least once in at least one daily newspaper published in the city of Charleston and in other journals or magazines as the secretary determines is advisable.

(c) The department shall evaluate any letter of interest received and generate from the letters received a list of all qualified firms, designated the "Prequalified List of Firms".

(d) Upon the department's recommendation, the Purchasing Division shall enter into a prequalification agreement with the qualified firms pursuant to **§5A-3-10e** of this code. The agreement shall cover the services defined in the letters of interest and have a one-year term, with an optional two-year extension if requested by the department.

(e) For all project assignments:

(1) The department shall issue an expression of interest for any project that needs to be solicited and deliver it to those prequalified firms with which the Purchasing Division has an active prequalification agreement;

(2) The department may review and consider responses only from prequalified consultants with active prequalification agreements;

(3) The department shall conduct discussions with three or more professional services firms solicited on the basis of known or submitted qualifications for the project prior to awarding a contract. If the secretary determines that special circumstances exist such that seeking competition is not practical, the department may, with the Director of Purchasing's prior approval, select a professional services firm on the basis of previous satisfactory performance and knowledge of the department's facilities and needs. After selection, the department and firm shall develop the scope of services required and negotiate a contract;

(4) The department shall notify its procurement division and the Division of Purchasing of the firm that it selected;

(5) The department shall schedule and conduct a scope of work meeting with the selected firm within 45 days of selection;

(6) Within 60 days of selection, unless an extension is requested by both parties, the department and firm shall complete cost negotiations;

(7) The department shall provide to its own procurement division and the Purchasing Division information regarding the agreed upon costs and all required forms necessary to initiate a contract; and

(8) The department may issue an advanced notice to proceed, if requested by the firm.

The Clerk of the House of Delegates and the Clerk of the Senate hereby certify that the foregoing bill is correctly enrolled.

.....
Clerk of the House of Delegates

.....
Clerk of the Senate

Originated in the House of Delegates.

In effect 90 days from passage.

.....
Speaker of the House of Delegates

.....
President of the Senate

The within is this the.....

Day of, 2025.

Governor

EXPRESSION OF INTEREST

Pre-Qualification for Design Firms

SECTION TWO: INSTRUCTIONS TO VENDORS SUBMITTING BIDS

Instructions begin on the next page.

INSTRUCTIONS TO VENDORS SUBMITTING BIDS

1. **REVIEW DOCUMENTS THOROUGHLY:** The attached documents contain a solicitation for bids. Please read these instructions and all documents attached in their entirety. These instructions provide critical information about requirements that if overlooked could lead to disqualification of a Vendor's bid. All bids must be submitted in accordance with the provisions contained in these instructions and the Solicitation. Failure to do so may result in disqualification of Vendor's bid.

2. **MANDATORY TERMS:** The Solicitation may contain **mandatory** provisions identified by the use of the words "**must**," "**will**," and "**shall**." Failure to comply with a mandatory term in the Solicitation will result in bid disqualification.

3. **PRE-BID MEETING:** The item identified below shall apply to this Solicitation.

A pre-bid meeting will not be held prior to bid opening

A **MANDATORY PRE-BID** meeting will be held at the following place and time:

All Vendors submitting a bid must attend the **mandatory** pre-bid meeting. Failure to attend the **mandatory** pre-bid meeting shall result in disqualification of the Vendor's bid. No one individual is permitted to represent more than one vendor at the pre-bid meeting. Any individual that does attempt to represent two or more vendors will be required to select one vendor to which the individual's attendance will be attributed. The vendors not selected will be deemed to have not attended the pre-bid meeting unless another individual attended on their behalf.

An attendance sheet provided at the pre-bid meeting shall serve as the official document verifying attendance. Any person attending the pre-bid meeting on behalf of a Vendor must list on the attendance sheet his or her name and the name of the Vendor he or she is representing. It is the Vendor's responsibility to locate the attendance sheet and provide the required information. Failure to complete the attendance sheet as required may result in disqualification of Vendor's bid.

Vendors who arrive after the starting time but prior to the end of the pre-bid will be permitted to sign in but are charged with knowing all matters discussed at the pre-bid.

Any discussions or answers to questions at the pre-bid meeting are preliminary in nature and are non-binding. Official and binding answers to questions will be published in a written addendum to the Solicitation prior to bid opening.

4. VENDOR QUESTION DEADLINE: Vendors may submit questions relating to this Solicitation to the Purchasing Division. Questions must be submitted in writing. All questions **must be submitted on or before the date listed below and to the address listed below to be considered.** A written response will be published in a Solicitation addendum if a response is possible and appropriate. Non-written discussions, conversations, or questions and answers regarding this Solicitation are preliminary in nature and are non-binding.

Submitted emails should have the solicitation number in the subject line. Question

Submission Deadline:

Submit Questions to:
2019 Washington Street, East Charleston, WV 25305
Fax: (304) 558-3970
Email:

5. VERBAL COMMUNICATION: Any verbal communication between the Vendor and any State personnel is not binding, including verbal communication at the mandatory pre-bid conference. Only information issued in writing and added to the Solicitation by an official written addendum by the Purchasing Division is binding.

6. BID SUBMISSION: All bids must be submitted on or before the date and time of the bid opening listed in section 7 below. Vendors can submit bids electronically through wvOASIS, in paper form delivered to the Purchasing Division at the address listed below either in person or by courier, or in facsimile form by faxing to the Purchasing Division at the number listed below. Notwithstanding the foregoing, the Purchasing Division may prohibit the submission of bids electronically through wvOASIS at its sole discretion. Such a prohibition will be contained and communicated in the wvOASIS system resulting in the Vendor's inability to submit bids through wvOASIS. The Purchasing Division will not accept bids or modification of bids via email.

Bids submitted in paper, facsimile, or via wvOASIS must contain a signature. Failure to submit a bid in any form without a signature will result in rejection of your bid.

A bid submitted in paper or facsimile form should contain the information listed below on the face of the submission envelope or fax cover sheet. Otherwise, the bid may be rejected by the Purchasing Division.

VENDOR NAME:

BUYER:

SOLICITATION NO.:

BID OPENING DATE:

BID OPENING TIME:

FAX NUMBER:

Any bid received by the Purchasing Division staff is considered to be in the possession of the Purchasing Division and will not be returned for any reason.

Bid Delivery Address and Fax Number:

Department of Administration, Purchasing Division 2019 Washington Street East

Charleston, WV 25305-0130

Fax: 304-558-3970

7. BID OPENING: Bids submitted in response to this Solicitation will be opened at the location identified below on the date and time listed below. Delivery of a bid after the bid opening date and time will result in bid disqualification. For purposes of this Solicitation, a bid is considered delivered when confirmation of delivery is provided by wvOASIS (in the case of electronic submission) or when the bid is time stamped by the official Purchasing Division time clock (in the case of hand delivery or via delivery by mail).

Bid Opening Date and Time:

Bid Opening Location:

Department of Administration, Purchasing Division

2019 Washington Street East

Charleston, WV 25305-0130

8. ADDENDUM ACKNOWLEDGEMENT: Changes or revisions to this Solicitation will be made by an official written addendum issued by the Purchasing Division. Vendor should acknowledge receipt of all addenda issued with this Solicitation by completing an Addendum Acknowledgement Form. Failure to acknowledge addenda may result in bid disqualification. The addendum acknowledgement should be submitted with the bid to expedite document processing.

9. **BID FORMATTING:** Vendor should type or electronically enter the information onto its bid to prevent errors in the evaluation. Failure to type or electronically enter the information may result in bid disqualification.

10. **ALTERNATE MODEL OR BRAND:** Unless the box below is checked, any model, brand, or specification listed in this Solicitation establishes the acceptable level of quality only and is not intended to reflect a preference for, or in any way favor, a particular brand or vendor. Vendors may bid alternates to a listed model or brand provided that the alternate is at least equal to the model or brand and complies with the required specifications. The equality of any alternate being bid shall be determined by the State at its sole discretion. Any Vendor bidding an alternate model or brand **shall** clearly identify the alternate items in its bid and should include manufacturer's specifications, industry literature, and/or any other relevant documentation demonstrating the equality of the alternate items. Failure to provide information for alternate items **may** be grounds for rejection of a Vendor's bid.

[] This Solicitation is based upon a standardized commodity established under W. Va. Code § 5A-3-61. Vendors are expected to bid the standardized commodity identified. Failure to bid the standardized commodity will result in your firm's bid being rejected.

11. **COMMUNICATION LIMITATIONS:** In accordance with West Virginia Code of State Rules §148-1-6.6.2, communication with the State of West Virginia or any of its employees regarding this Solicitation during the solicitation, bid, evaluation or award periods, except through the Purchasing Division, is strictly prohibited without prior Purchasing Division approval. Purchasing Division approval for such communication is implied for all agency delegated and exempt purchases.

12. **REGISTRATION:** Prior to Contract award, the apparent successful Vendor **must** be properly registered with the West Virginia Purchasing Division and must have paid the \$125 fee, if applicable.

13. **UNIT PRICE:** Unit prices **shall** prevail in cases of a discrepancy in the Vendor's bid.

14. **PREFERENCE:** Vendor Preference may be requested in purchases of motor vehicles or construction and maintenance equipment and machinery used in highway and other infrastructure projects. Any request for preference must be submitted in writing with the bid, must specifically identify the preference requested with reference to the applicable subsection of West Virginia Code § 5A-3-37, and must include with the bid any information necessary to evaluate and confirm the applicability of the requested preference. A request form to help facilitate the request can be found at: www.state.wv.us/admin/purchase/vrc/Venpref.pdf.

15A. RECIPROCAL PREFERENCE: The State of West Virginia applies a reciprocal preference to all solicitations for commodities and printing in accordance with W. Va. Code § 5A-3-37(b). In effect, non-resident vendors receiving a preference in their home states, will see that same preference granted to West Virginia resident vendors bidding against them in West Virginia. Any request for reciprocal preference must include with the bid any information necessary to evaluate and confirm the applicability of the preference. A request form to help facilitate the request can be found at: www.state.wv.us/admin/purchase/vrc/Venpref.pdf.

15. SMALL, WOMEN-OWNED, OR MINORITY-OWNED BUSINESSES:

For any solicitations publicly advertised for bid, in accordance with West Virginia Code §5A-3-37 and W. Va. CSR § 148-22-9, any non-resident vendor certified as a small, women-owned, or minority-owned business under W. Va. CSR § 148-22-9 shall be provided the same preference made available to any resident vendor. Any non-resident small, women-owned, or minority-owned business must identify itself as such in writing, must submit that writing to the Purchasing Division with its bid, and must be properly certified under W. Va. CSR § 148-22-9 prior to contract award to receive the preferences made available to resident vendors.

16. WAIVER OF MINOR IRREGULARITIES: The Director reserves the right to waive minor irregularities in bids or specifications in accordance with West Virginia Code of State Rules § 148-1-4.7.

17. ELECTRONIC FILE ACCESS RESTRICTIONS: Vendor must ensure that its submission in wvOASIS can be accessed and viewed by the Purchasing Division staff immediately upon bid opening. The Purchasing Division will consider any file that cannot be immediately accessed and viewed at the time of the bid opening (such as, encrypted files, password protected files, or incompatible files) to be blank or incomplete as context requires and are therefore unacceptable. A vendor will not be permitted to unencrypt files, remove password protections, or resubmit documents after bid opening to make a file viewable if those documents are required with the bid. A Vendor may be required to provide document passwords or remove access restrictions to allow the Purchasing Division to print or electronically save documents provided that those documents are viewable by the Purchasing Division prior to obtaining the password or removing the access restriction.

18. NON-RESPONSIBLE: The Purchasing Division Director reserves the right to reject the bid of any vendor as Non-Responsible in accordance with W. Va. Code of State Rules § 148-1-5.3, when the Director determines that the vendor submitting the bid does not have the capability to fully perform or lacks the integrity and reliability to assure good-faith performance.”

19. ACCEPTANCE/REJECTION: The State may accept or reject any bid in whole, or in part in accordance with W. Va. Code of State Rules § 148-1-4.6. and § 148-1-6.3.”

20. **WITH THE BID REQUIREMENTS:** In instances where these specifications require documentation or other information with the bid, and a vendor fails to provide it with the bid, the Director of the Purchasing Division reserves the right to request those items after bid opening and prior to contract award pursuant to the authority to waive minor irregularities in bids or specifications under W. Va. CSR § 148-1-4.7. This authority does not apply to instances where state law mandates receipt with the bid.

21. **EMAIL NOTIFICATION OF AWARD:** The Purchasing Division will attempt to provide bidders with e-mail notification of contract award when a solicitation that the bidder participated in has been awarded. For notification purposes, bidders must provide the Purchasing Division with a valid email address in the bid response. Bidders may also monitor wvOASIS or the Purchasing Division's website to determine when a contract has been awarded.

22. **EXCEPTIONS AND CLARIFICATIONS:** The Solicitation contains the specifications that **shall** form the basis of a contractual agreement. **Vendor shall clearly mark any exceptions, clarifications, or other proposed modifications in its bid.** Exceptions to, clarifications of, or modifications of a requirement or term and condition of the Solicitation may result in bid disqualification.

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Pre-Qualification for Design Firms

SECTION THREE: PROJECT SPECIFICATIONS

- 1. Background:** The WVDEP/AML Program is soliciting Consultant Firms to provide “full service” A/E planning, realty, design, and construction oversight. Firms are to be licensed Architectural/Engineering Firms (A/E) in the State of West Virginia and either the firm or its sub-contractors within a given field must have a successful track record of permitting and designing reclamation projects, realty, and construction inspection. The anticipated contract (s) will be advertised once the prequalified vendors are determined and will be for “full service” A/E planning, realty, design, and construction oversight. This solicitation is only for the purpose of prequalifying vendors. No specific project will be awarded from this solicitation.

The expectation is the successful prequalified A/E firm(s) will be able to call upon a team of professionals for each discipline, whether internal or subcontracted, that can provide each discipline’s deliverables with a minimum of supervision. The expectation is that the successful prequalified A/E firm will be providing a schedule, tracking work to that schedule, and providing regular updates as to progress with a minimum of State oversight.

- 2. Project and Goals:** The project goals and objectives include but are not limited to those listed below. Vendors should discuss any anticipated concepts and proposed methods of approach for achieving each of the listed goals and objectives:

Qualifications should be highlighted to meet the following criteria:

All Work shall comply with the Infrastructure Investment Jobs Act (IIJA), including compliance with the Davis-Bacon and Build America, Buy America (BABA), as applicable and all Federal, State, and Local laws.

Planning Work encompasses all related consultations, investigations, report generation, applications, etc. required to perform the Work, which may include, but may not be limited to: National Environmental Policy Act (NEPA) consultations, West Virginia Division of Natural Resources (WVDNR) consultation, West Virginia Historic Preservation Office (SHPO) consultation, WV Regional Planning consultation, US Forest Service consultations, US Fish and Wildlife Service (USFWS) consultations, and any other consultation(s) or permit(s) needed to perform the Work. The above includes but is not limited to bat studies, threatened and endangered species investigation / analysis / report generation, water quality sampling, and data collection / analysis.

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Realty Work encompasses all necessary research and subsequent right of entry agreements being set into place for the sites to be sufficiently and legally investigated, designed, and for a final design to be constructed. This may include, but may not be limited to: performing courthouse research to determine legal property ownership and dutifully documenting the findings, obtaining Exploratory Rights of Entry (EROE) from affected landowners, obtaining Construction Rights of Entry (CROE) from landowners, keeping logs of all conversations with landowners, data collection, reporting, and possessing the capability of having boundary surveys performed on an as-needed basis. The successful A/E firm must obtain the rights of entry prior to performing any fieldwork on-site, and these rights of entry must include the successful A/E firm, the WVDEP-DLR-AML, and Office of Surface Mining Reclamation & Enforcement (OSMRE).

Design Work which may include, but may not be limited to: Civil, Geological, Hydrological, Survey (mapping), Process, Structural, Electrical, etc., as applicable. This encompasses all required engineering and survey (including current mapping and other related services) necessary to successfully design an engineered, permanent solution that fully addresses the issues and problems that each project presents. This also includes site and geotechnical investigations. Each design must fully remove and mitigate dangers to private individuals or the public that are currently present, not introduce new dangers, and be stamped by a Registered Professional Engineer in the State of West Virginia for design and Registered Professional Surveyor in the State of West Virginia for survey for deliverables. Design Work includes but is not limited to: National Pollutant Discharge Elimination System (NPDES) construction stormwater General Permit registration, West Virginia Department of Highways (WVDOH) MM-109 encroachment permits, Army Corps of Engineers (USACE) consultations, Department of Health Permits (for water lines, if applicable), and county permits as applicable, including floodplain permits. Design Work could also include but is not limited to: developing construction plans and technical specifications for all aspects to reclaim mine portals, drainage controls and systems, slope stabilization, coal refuse and mine spoil reclamation, stream and / or channel restoration, subsidence repair, temporary and permanent access or accesses for construction and future maintenance, stormwater and erosion and sediment control, regrading and revegetation, any required water treatment systems, and any remediation for all other conditions encountered on the project sites. The successful A/E firm must obtain, maintain, and release all required permits.

Construction Oversight Work including but may not be limited to: Daily Inspection with documentation for the duration of the Construction and through the warranty period until final release, Engineering Oversight and Support, review and approval of contractor-provided as-builts, and Final Engineer's Certification Report of the project.

EXPRESSION OF INTEREST

Pre-Qualification for Design Firms

Vendor should describe how the firm will meet the Agency's and firms agreement for deadlines.

Vendors should demonstrate a clear understanding of the time-sensitive nature of Abandoned Mine Land (AML) reclamation projects and provide a plan for how they will meet all deadlines established by the Agency throughout the project lifecycle.

3. Contract Services Deliverables: Once Prequalified, The Agency expects firms to:

- Adhere to established schedules for project initiation, deliverables, and completion.
- Be responsive to funding and compliance timelines under the Infrastructure Investment and Jobs Act (IIJA) and the Surface Mining Control and Reclamation Act (SMCRA).
- Coordinate effectively with Agency staff, subcontractors, and permitting authorities to avoid delays.
- Proactively identify risks and propose mitigation strategies to stay on track.

Firms must include but not limited to the following documentation in each prequalification response:

- A description of their project management approach and internal systems used to ensure timely performance;
- Examples of past AML or similar projects completed on time, including key deadlines met.
- A summary of personnel availability and resource planning to meet overlapping or expedited deadlines;
- A plan for communication, progress tracking, and prompt issue resolution.

4. Qualifications, Experience, and Past Performance: Consultant must include a statement of qualifications and performance data. The statement of qualifications and performance data may be presented through things like information regarding its employees, such as staff qualifications and experience in completing similar projects; references; copies of any staff certifications or degrees applicable to this project; proposed staffing plan; descriptions of past projects completed entailing the location of the project, project manager name and contact information, type of project, and the project goals and objectives and how they were met.

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Pre-Qualification for Design Firms

All Consultants requesting to be considered **MUST** hold a valid Certificate of Authorization (COA) and have an individual who shall oversee the work, who will sign and seal all design documentation, plans, etc., and must be registered and licensed with the West Virginia Board of Professional Engineers.

The response should be presented in concise format which defines the corporation history and the experience, qualifications, and performance data of the firm's staff as requested by the AML Consultant Qualification Questionnaire (CQQ), Attachment "A" and the AML and Related Project Experience Matrix (RPEM), Attachment "B".

AML Consultant Qualification Questionnaire (CQQ) should be completed and submitted with Vendor's submitted response to be eligible (**See Attachment "A"**).

AML and Related Project Experience Matrix (RPEM) should also be completed and submitted with Vendor's submitted response to be eligible (**See Attachment "B"**).

SECTION FOUR: VENDOR PROPOSAL, EVALUATION, & AWARD

1. The resume and qualifications of the submitted staff will be reviewed and evaluated based on design experience. Additional AML experience should be included for additional evaluation. Selections will be based on detailed work experience supplied in the resume, as well as the firm's principal in charge assurances of reliability and competency. If it is determined that work is being performed at a substandard or inefficient manner the Department may choose to remove the firm from the list with the approval of the Purchasing Division.

Once approved, that Consultant's name shall be placed on the list of Consultants pre-qualified to participate in this program and shall be considered pre-qualified and eligible for project selection

Those Consultants selected and placed on a master list **MUST** resubmit their CQQ (or **Attachment "A"**) upon any changes or change of discipline. Consultants must keep a current certificate of insurance (COI) throughout the contract period and resubmit a current COI upon renewals.

EXPRESSION OF INTEREST

Pre-Qualification for Design Firms

- 2. Evaluation and Award Process:** Expressions of Interest for projects will be evaluated and awarded in accordance with W.Va. Code §22-2-11. The State shall select the best value solution according to WV Code §22-2-11. This solicitation is for the prequalification of those vendors only. No award for a specific project will be determined from this solicitation.

If negotiations are successful, the contract documents will be forwarded to the WV Purchasing Division for review and approval, and then to the WV Attorney General's office for review and approval as to form. Once approved, a formal contract will be issued to the Vendor.

Should the agency be unable to negotiate a satisfactory contract with the professional firm considered to be the most qualified at a fee determined to be fair and reasonable, the agency will then commence negotiations with the second most qualified firm, and so on, until an agreement is reached or the solicitation is cancelled.

Evaluation Determination: The Agency will evaluate the letters of interest to determine the most qualified to perform the desired service. The evaluation criteria will be based upon the prequalification process for consultants; project assignments pursuant to WV Code §22-2-11.

EXPRESSION OF INTEREST

Pre-Qualification for Design Firms

SECTION FIVE: TERMS AND CONDITIONS

Terms and conditions begin on the next page.

GENERAL TERMS AND CONDITIONS:

1. CONTRACTUAL AGREEMENT: Issuance of an Award Document signed by the Purchasing Division Director, or his designee, and approved as to form by the Attorney General's office constitutes acceptance by the State of this Contract made by and between the State of West Virginia and the Vendor. Vendor's signature on its bid, or on the Contract if the Contract is not the result of a bid solicitation, signifies Vendor's agreement to be bound by and accept the terms and conditions contained in this Contract.

2. DEFINITIONS: As used in this Solicitation/Contract, the following terms shall have the meanings attributed to them below. Additional definitions may be found in the specifications included with this Solicitation/Contract.

2.1. "Agency" or "Agencies" means the agency, board, commission, or other entity of the State of West Virginia that is identified on the first page of the Solicitation or any other public entity seeking to procure goods or services under this Contract.

2.2. "Bid" or "Proposal" means the vendors submitted response to this solicitation.

2.3. "Contract" means the binding agreement that is entered into between the State and the Vendor to provide the goods or services requested in the Solicitation.

2.4. "Director" means the Director of the West Virginia Department of Administration, Purchasing Division.

2.5. "Purchasing Division" means the West Virginia Department of Administration, Purchasing Division.

2.6. "Award Document" means the document signed by the Agency and the Purchasing Division, and approved as to form by the Attorney General, that identifies the Vendor as the contract holder.

2.7. "Solicitation" means the official notice of an opportunity to supply the State with goods or services that is published by the Purchasing Division.

2.8. "State" means the State of West Virginia and/or any of its agencies, commissions, boards, etc. as context requires.

2.9. "Vendor" or "Vendors" means any entity submitting a bid in response to the Solicitation, the entity that has been selected as the lowest responsible bidder, or the entity that has been awarded the Contract as context requires.

3. CONTRACT TERM; RENEWAL; EXTENSION: The term of this Contract shall be determined in accordance with the category that has been identified as applicable to this Contract below:

Term Contract

Initial Contract Term: The Initial Contract Term will be for a period of _____
_____. The Initial Contract Term becomes effective on the effective start date listed on the first page of this Contract, identified as the State of West Virginia contract cover page containing the signatures of the Purchasing Division, Attorney General, and Encumbrance clerk (or another page identified as _____), and the Initial Contract Term ends on the effective end date also shown on the first page of this Contract.

Renewal Term: This Contract may be renewed upon the mutual written consent of the Agency, and the Vendor, with approval of the Purchasing Division and the Attorney General's office (Attorney General approval is as to form only). Any request for renewal should be delivered to the Agency and then submitted to the Purchasing Division thirty (30) days prior to the expiration date of the initial contract term or appropriate renewal term. A Contract renewal shall be in accordance with the terms and conditions of the original contract. Unless otherwise specified below, renewal of this Contract is limited to _____ successive one (1) year periods or multiple renewal periods of less than one year, provided that the multiple renewal periods do not exceed the total number of months available in all renewal years combined. Automatic renewal of this Contract is prohibited. Renewals must be approved by the Vendor, Agency, Purchasing Division and Attorney General's office (Attorney General approval is as to form only)

Alternate Renewal Term – This contract may be renewed for _____ successive _____ year periods or shorter periods provided that they do not exceed the total number of months contained in all available renewals. Automatic renewal of this Contract is prohibited. Renewals must be approved by the Vendor, Agency, Purchasing Division and Attorney General's office (Attorney General approval is as to form only)

Delivery Order Limitations: In the event that this contract permits delivery orders, a delivery order may only be issued during the time this Contract is in effect. Any delivery order issued within one year of the expiration of this Contract shall be effective for one year from the date the delivery order is issued. No delivery order may be extended beyond one year after this Contract has expired.

Fixed Period Contract: This Contract becomes effective upon Vendor's receipt of the notice to proceed and must be completed within _____ days.

Fixed Period Contract with Renewals: This Contract becomes effective upon Vendor's receipt of the notice to proceed and part of the Contract more fully described in the attached specifications must be completed within _____ days. Upon completion of the work covered by the preceding sentence, the vendor agrees that:

the contract will continue for _____ years;

the contract may be renewed for _____ successive _____ year periods or shorter periods provided that they do not exceed the total number of months contained in all available renewals. Automatic renewal of this Contract is prohibited. Renewals must be approved by the Vendor, Agency, Purchasing Division and Attorney General's Office (Attorney General approval is as to form only).

One-Time Purchase: The term of this Contract shall run from the issuance of the Award Document until all of the goods contracted for have been delivered, but in no event will this Contract extend for more than one fiscal year.

Construction/Project Oversight: This Contract becomes effective on the effective start date listed on the first page of this Contract, identified as the State of West Virginia contract cover page containing the signatures of the Purchasing Division, Attorney General, and Encumbrance clerk (or another page identified as _____), and continues until the project for which the vendor is providing oversight is complete.

Other: Contract Term specified in _____

4. AUTHORITY TO PROCEED: Vendor is authorized to begin performance of this contract on the date of encumbrance listed on the front page of the Award Document unless either the box for "Fixed Period Contract" or "Fixed Period Contract with Renewals" has been checked in Section 3 above. If either "Fixed Period Contract" or "Fixed Period Contract with Renewals" has been checked, Vendor must not begin work until it receives a separate notice to proceed from the State. The notice to proceed will then be incorporated into the Contract via change order to memorialize the official date that work commenced.

5. QUANTITIES: The quantities required under this Contract shall be determined in accordance with the category that has been identified as applicable to this Contract below.

Open End Contract: Quantities listed in this Solicitation/Award Document are approximations only, based on estimates supplied by the Agency. It is understood and agreed that the Contract shall cover the quantities actually ordered for delivery during the term of the Contract, whether more or less than the quantities shown.

Service: The scope of the service to be provided will be more clearly defined in the specifications included herewith.

Combined Service and Goods: The scope of the service and deliverable goods to be provided will be more clearly defined in the specifications included herewith.

One-Time Purchase: This Contract is for the purchase of a set quantity of goods that are identified in the specifications included herewith. Once those items have been delivered, no additional goods may be procured under this Contract without an appropriate change order approved by the Vendor, Agency, Purchasing Division, and Attorney General's office.

Construction: This Contract is for construction activity more fully defined in the specifications.

6. EMERGENCY PURCHASES: The Purchasing Division Director may authorize the Agency to purchase goods or services in the open market that Vendor would otherwise provide under this Contract if those goods or services are for immediate or expedited delivery in an emergency. Emergencies shall include, but are not limited to, delays in transportation or an unanticipated increase in the volume of work. An emergency purchase in the open market, approved by the Purchasing Division Director, shall not constitute a breach of this Contract and shall not entitle the Vendor to any form of compensation or damages. This provision does not excuse the State from fulfilling its obligations under a One-Time Purchase contract.

7. REQUIRED DOCUMENTS: All of the items checked in this section must be provided to the Purchasing Division by the Vendor as specified:

LICENSE(S) / CERTIFICATIONS / PERMITS: In addition to anything required under the Section of the General Terms and Conditions entitled Licensing, the apparent successful Vendor shall furnish proof of the following licenses, certifications, and/or permits upon request and in a form acceptable to the State. The request may be prior to or after contract award at the State's sole discretion.

The apparent successful Vendor shall also furnish proof of any additional licenses or certifications contained in the specifications regardless of whether or not that requirement is listed above.

8. INSURANCE: The apparent successful Vendor shall furnish proof of the insurance identified by a checkmark below prior to Contract award. The insurance coverages identified below must be maintained throughout the life of this contract. Thirty (30) days prior to the expiration of the insurance policies, Vendor shall provide the Agency with proof that the insurance mandated herein has been continued. Vendor must also provide Agency with immediate notice of any changes in its insurance policies, including but not limited to, policy cancelation, policy reduction, or change in insurers. The apparent successful Vendor shall also furnish proof of any additional insurance requirements contained in the specifications prior to Contract award regardless of whether that insurance requirement is listed in this section.

Vendor must maintain:

Commercial General Liability Insurance in at least an amount of: _____ per occurrence.

Automobile Liability Insurance in at least an amount of: _____ per occurrence.

Professional/Malpractice/Errors and Omission Insurance in at least an amount of: _____ per occurrence. Notwithstanding the forgoing, Vendor's are not required to list the State as an additional insured for this type of policy.

Commercial Crime and Third Party Fidelity Insurance in an amount of: _____ per occurrence.

Cyber Liability Insurance in an amount of: _____ per occurrence.

Builders Risk Insurance in an amount equal to 100% of the amount of the Contract.

Pollution Insurance in an amount of: _____ per occurrence.

Aircraft Liability in an amount of: _____ per occurrence.

9. WORKERS' COMPENSATION INSURANCE: Vendor shall comply with laws relating to workers compensation, shall maintain workers' compensation insurance when required, and shall furnish proof of workers' compensation insurance upon request.

10. VENUE: All legal actions for damages brought by Vendor against the State shall be brought in the West Virginia Claims Commission. Other causes of action must be brought in the West Virginia court authorized by statute to exercise jurisdiction over it.

11. LIQUIDATED DAMAGES: This clause shall in no way be considered exclusive and shall not limit the State or Agency's right to pursue any other available remedy. Vendor shall pay liquidated damages in the amount specified below or as described in the specifications:

_____ for _____.

Liquidated Damages Contained in the Specifications.

Liquidated Damages Are Not Included in this Contract.

12. ACCEPTANCE: Vendor's signature on its bid, or on the certification and signature page, constitutes an offer to the State that cannot be unilaterally withdrawn, signifies that the product or service proposed by vendor meets the mandatory requirements contained in the Solicitation for that product or service, unless otherwise indicated, and signifies acceptance of the terms and conditions contained in the Solicitation unless otherwise indicated.

13. PRICING: The pricing set forth herein is firm for the life of the Contract, unless specified elsewhere within this Solicitation/Contract by the State. A Vendor's inclusion of price adjustment provisions in its bid, without an express authorization from the State in the Solicitation to do so, may result in bid disqualification. Notwithstanding the foregoing, Vendor must extend any publicly advertised sale price to the State and invoice at the lower of the contract price or the publicly advertised sale price.

14. PAYMENT IN ARREARS: Payments for goods/services will be made in arrears only upon receipt of a proper invoice, detailing the goods/services provided or receipt of the goods/services, whichever is later. Notwithstanding the foregoing, payments for software maintenance, licenses, or subscriptions may be paid annually in advance.

15. PAYMENT METHODS: Vendor must accept payment by electronic funds transfer and P-Card. (The State of West Virginia's Purchasing Card program, administered under contract by a banking institution, processes payment for goods and services through state designated credit cards.)

16. TAXES: The Vendor shall pay any applicable sales, use, personal property or any other taxes arising out of this Contract and the transactions contemplated thereby. The State of West Virginia is exempt from federal and state taxes and will not pay or reimburse such taxes.

17. ADDITIONAL FEES: Vendor is not permitted to charge additional fees or assess additional charges that were not either expressly provided for in the solicitation published by the State of West Virginia, included in the Contract, or included in the unit price or lump sum bid amount that Vendor is required by the solicitation to provide. Including such fees or charges as notes to the solicitation may result in rejection of vendor's bid. Requesting such fees or charges be paid after the contract has been awarded may result in cancellation of the contract.

18. FUNDING: This Contract shall continue for the term stated herein, contingent upon funds being appropriated by the Legislature or otherwise being made available. In the event funds are not appropriated or otherwise made available, this Contract becomes void and of no effect beginning on July 1 of the fiscal year for which funding has not been appropriated or otherwise made available. If that occurs, the State may notify the Vendor that an alternative source of funding has been obtained and thereby avoid the automatic termination. Non-appropriation or non-funding shall not be considered an event of default.

19. CANCELLATION: The Purchasing Division Director reserves the right to cancel this Contract immediately upon written notice to the vendor if the materials or workmanship supplied do not conform to the specifications contained in the Contract. The Purchasing Division Director may also cancel any purchase or Contract upon 30 days written notice to the Vendor in accordance with West Virginia Code of State Rules § 148-1-5.2.b.

20. TIME: Time is of the essence regarding all matters of time and performance in this Contract.

21. APPLICABLE LAW: This Contract is governed by and interpreted under West Virginia law without giving effect to its choice of law principles. Any information provided in specification manuals, or any other source, verbal or written, which contradicts or violates the West Virginia Constitution, West Virginia Code, or West Virginia Code of State Rules is void and of no effect.

22. COMPLIANCE WITH LAWS: Vendor shall comply with all applicable federal, state, and local laws, regulations and ordinances. By submitting a bid, Vendor acknowledges that it has reviewed, understands, and will comply with all applicable laws, regulations, and ordinances.

SUBCONTRACTOR COMPLIANCE: Vendor shall notify all subcontractors providing commodities or services related to this Contract that as subcontractors, they too are required to comply with all applicable laws, regulations, and ordinances. Notification under this provision must occur prior to the performance of any work under the contract by the subcontractor.

23. ARBITRATION: Any references made to arbitration contained in this Contract, Vendor's bid, or in any American Institute of Architects documents pertaining to this Contract are hereby deleted, void, and of no effect.

24. MODIFICATIONS: This writing is the parties' final expression of intent. Notwithstanding anything contained in this Contract to the contrary no modification of this Contract shall be binding without mutual written consent of the Agency, and the Vendor, with approval of the Purchasing Division and the Attorney General's office (Attorney General approval is as to form only). Any change to existing contracts that adds work or changes contract cost, and were not included in the original contract, must be approved by the Purchasing Division and the Attorney General's Office (as to form) prior to the implementation of the change or commencement of work affected by the change.

25. WAIVER: The failure of either party to insist upon a strict performance of any of the terms or provision of this Contract, or to exercise any option, right, or remedy herein contained, shall not be construed as a waiver or a relinquishment for the future of such term, provision, option, right, or remedy, but the same shall continue in full force and effect. Any waiver must be expressly stated in writing and signed by the waiving party.

26. SUBSEQUENT FORMS: The terms and conditions contained in this Contract shall supersede any and all subsequent terms and conditions which may appear on any form documents submitted by Vendor to the Agency or Purchasing Division such as price lists, order forms, invoices, sales agreements, or maintenance agreements, and includes internet websites or other electronic documents. Acceptance or use of Vendor's forms does not constitute acceptance of the terms and conditions contained thereon.

27. ASSIGNMENT: Neither this Contract nor any monies due, or to become due hereunder, may be assigned by the Vendor without the express written consent of the Agency, the Purchasing Division, the Attorney General's office (as to form only), and any other government agency or office that may be required to approve such assignments.

28. WARRANTY: The Vendor expressly warrants that the goods and/or services covered by this Contract will: (a) conform to the specifications, drawings, samples, or other description furnished or specified by the Agency; (b) be merchantable and fit for the purpose intended; and (c) be free from defect in material and workmanship.

29. STATE EMPLOYEES: State employees are not permitted to utilize this Contract for personal use and the Vendor is prohibited from permitting or facilitating the same.

30. PRIVACY, SECURITY, AND CONFIDENTIALITY: The Vendor agrees that it will not disclose to anyone, directly or indirectly, any such personally identifiable information or other confidential information gained from the Agency, unless the individual who is the subject of the information consents to the disclosure in writing or the disclosure is made pursuant to the Agency's policies, procedures, and rules. Vendor further agrees to comply with the Confidentiality Policies and Information Security Accountability Requirements, set forth in www.state.wv.us/admin/purchase/privacy.

31. YOUR SUBMISSION IS A PUBLIC DOCUMENT: Vendor's entire response to the Solicitation and the resulting Contract are public documents. As public documents, they will be disclosed to the public following the bid/proposal opening or award of the contract, as required by the competitive bidding laws of West Virginia Code §§ 5A-3-1 et seq., 5-22-1 et seq., and 5G-1-1 et seq. and the Freedom of Information Act West Virginia Code §§ 29B-1-1 et seq.

DO NOT SUBMIT MATERIAL YOU CONSIDER TO BE CONFIDENTIAL, A TRADE SECRET, OR OTHERWISE NOT SUBJECT TO PUBLIC DISCLOSURE.

Submission of any bid, proposal, or other document to the Purchasing Division constitutes your explicit consent to the subsequent public disclosure of the bid, proposal, or document. The Purchasing Division will disclose any document labeled "confidential," "proprietary," "trade secret," "private," or labeled with any other claim against public disclosure of the documents, to include any "trade secrets" as defined by West Virginia Code § 47-22-1 et seq. All submissions are subject to public disclosure without notice.

32. LICENSING: In accordance with West Virginia Code of State Rules § 148-1-6.1.e, Vendor must be licensed and in good standing in accordance with any and all state and local laws and requirements by any state or local agency of West Virginia, including, but not limited to, the West Virginia Secretary of State's Office, the West Virginia Tax Department, West Virginia Insurance Commission, or any other state agency or political subdivision. Obligations related to political subdivisions may include, but are not limited to, business licensing, business and occupation taxes, inspection compliance, permitting, etc. Upon request, the Vendor must provide all necessary releases to obtain information to enable the Purchasing Division Director or the Agency to verify that the Vendor is licensed and in good standing with the above entities.

SUBCONTRACTOR COMPLIANCE: Vendor shall notify all subcontractors providing commodities or services related to this Contract that as subcontractors, they too are required to be licensed, in good standing, and up-to-date on all state and local obligations as described in this section. Obligations related to political subdivisions may include, but are not limited to, business licensing, business and occupation taxes, inspection compliance, permitting, etc. Notification under this provision must occur prior to the performance of any work under the contract by the subcontractor.

33. ANTITRUST: In submitting a bid to, signing a contract with, or accepting a Award Document from any agency of the State of West Virginia, the Vendor agrees to convey, sell, assign, or transfer to the State of West Virginia all rights, title, and interest in and to all causes of action it may now or hereafter acquire under the antitrust laws of the United States and the State of West Virginia for price fixing and/or unreasonable restraints of trade relating to the particular commodities or services purchased or acquired by the State of West Virginia. Such assignment shall be made and become effective at the time the purchasing agency tenders the initial payment to Vendor.

34. VENDOR NON-CONFLICT: Neither Vendor nor its representatives are permitted to have any interest, nor shall they acquire any interest, direct or indirect, which would compromise the performance of its services hereunder. Any such interests shall be promptly presented in detail to the Agency.

35. VENDOR RELATIONSHIP: The relationship of the Vendor to the State shall be that of an independent contractor and no principal-agent relationship or employer-employee relationship is contemplated or created by this Contract. The Vendor as an independent contractor is solely liable for the acts and omissions of its employees and agents. Vendor shall be responsible for selecting, supervising, and compensating any and all individuals employed pursuant to the terms of this Solicitation and resulting contract. Neither the Vendor, nor any employees or subcontractors of the Vendor, shall be deemed to be employees of the State for any purpose whatsoever. Vendor shall be exclusively responsible for payment of employees and contractors for all wages and salaries, taxes, withholding payments, penalties, fees, fringe benefits, professional liability insurance premiums, contributions to insurance and pension, or other deferred compensation plans, including but not limited to, Workers' Compensation and Social Security obligations, licensing fees, etc. and the filing of all necessary documents, forms, and returns pertinent to all of the foregoing.

Vendor shall hold harmless the State, and shall provide the State and Agency with a defense against any and all claims including, but not limited to, the foregoing payments, withholdings, contributions, taxes, Social Security taxes, and employer income tax returns.

36. INDEMNIFICATION: The Vendor agrees to indemnify, defend, and hold harmless the State and the Agency, their officers, and employees from and against: (1) Any claims or losses for services rendered by any subcontractor, person, or firm performing or supplying services, materials, or supplies in connection with the performance of the Contract; (2) Any claims or losses resulting to any person or entity injured or damaged by the Vendor, its officers, employees, or subcontractors by the publication, translation, reproduction, delivery, performance, use, or disposition of any data used under the Contract in a manner not authorized by the Contract, or by Federal or State statutes or regulations; and (3) Any failure of the Vendor, its officers, employees, or subcontractors to observe State and Federal laws including, but not limited to, labor and wage and hour laws.

37. NO DEBT CERTIFICATION: In accordance with West Virginia Code §§ 5A-3-10a and 5-22-1(i), the State is prohibited from awarding a contract to any bidder that owes a debt to the State or a political subdivision of the State. By submitting a bid, or entering into a contract with the State, Vendor is affirming that (1) for construction contracts, the Vendor is not in default on any monetary obligation owed to the state or a political subdivision of the state, and (2) for all other contracts, neither the Vendor nor any related party owe a debt as defined above, and neither the Vendor nor any related party are in employer default as defined in the statute cited above unless the debt or employer default is permitted under the statute.

38. CONFLICT OF INTEREST: Vendor, its officers or members or employees, shall not presently have or acquire an interest, direct or indirect, which would conflict with or compromise the performance of its obligations hereunder. Vendor shall periodically inquire of its officers, members and employees to ensure that a conflict of interest does not arise. Any conflict of interest discovered shall be promptly presented in detail to the Agency.

39. REPORTS: Vendor shall provide the Agency and/or the Purchasing Division with the following reports identified by a checked box below:

Such reports as the Agency and/or the Purchasing Division may request. Requested reports may include, but are not limited to, quantities purchased, agencies utilizing the contract, total contract expenditures by agency, etc.

Quarterly reports detailing the total quantity of purchases in units and dollars, along with a listing of purchases by agency. Quarterly reports should be delivered to the Purchasing Division via email at purchasing.division@wv.gov.

40. BACKGROUND CHECK: In accordance with W. Va. Code § 15-2D-3, the State reserves the right to prohibit a service provider's employees from accessing sensitive or critical information or to be present at the Capitol complex based upon results addressed from a criminal background check. Service providers should contact the West Virginia Division of Protective Services by phone at (304) 558-9911 for more information.

41. PREFERENCE FOR USE OF DOMESTIC STEEL PRODUCTS: Except when authorized by the Director of the Purchasing Division pursuant to W. Va. Code § 5A-3-56, no contractor may use or supply steel products for a State Contract Project other than those steel products made in the United States. A contractor who uses steel products in violation of this section may be subject to civil penalties pursuant to W. Va. Code § 5A-3-56. As used in this section:

- a. "State Contract Project" means any erection or construction of, or any addition to, alteration of or other improvement to any building or structure, including, but not limited to, roads or highways, or the installation of any heating or cooling or ventilating plants or other equipment, or the supply of and materials for such projects, pursuant to a contract with the State of West Virginia for which bids were solicited on or after June 6, 2001.
- b. "Steel Products" means products rolled, formed, shaped, drawn, extruded, forged, cast, fabricated or otherwise similarly processed, or processed by a combination of two or more or such operations, from steel made by the open heath, basic oxygen, electric furnace, Bessemer or other steel making process.
- c. The Purchasing Division Director may, in writing, authorize the use of foreign steel products if:
 1. The cost for each contract item used does not exceed one tenth of one percent (.1%) of the total contract cost or two thousand five hundred dollars (\$2,500.00), whichever is greater. For the purposes of this section, the cost is the value of the steel product as delivered to the project; or
 2. The Director of the Purchasing Division determines that specified steel materials are not produced in the United States in sufficient quantity or otherwise are not reasonably available to meet contract requirements.

42. PREFERENCE FOR USE OF DOMESTIC ALUMINUM, GLASS, AND STEEL: In Accordance with W. Va. Code § 5-19-1 et seq., and W. Va. CSR § 148-10-1 et seq., for every contract or subcontract, subject to the limitations contained herein, for the construction, reconstruction, alteration, repair, improvement or maintenance of public works or for the purchase of any item of machinery or equipment to be used at sites of public works, only domestic aluminum, glass or steel products shall be supplied unless the spending officer determines, in writing, after the receipt of offers or bids, (1) that the cost of domestic aluminum, glass or steel products is unreasonable or inconsistent with the public interest of the State of West Virginia, (2) that domestic aluminum, glass or steel products are not produced in sufficient quantities to meet the contract requirements, or (3) the available domestic aluminum, glass, or steel do not meet the contract specifications. This provision only applies to public works contracts awarded in an amount more than fifty thousand dollars (\$50,000) or public works contracts that require more than ten thousand pounds of steel products.

The cost of domestic aluminum, glass, or steel products may be unreasonable if the cost is more than twenty percent (20%) of the bid or offered price for foreign made aluminum, glass, or steel products. If the domestic aluminum, glass or steel products to be supplied or produced in a “substantial labor surplus area”, as defined by the United States Department of Labor, the cost of domestic aluminum, glass, or steel products may be unreasonable if the cost is more than thirty percent (30%) of the bid or offered price for foreign made aluminum, glass, or steel products. This preference shall be applied to an item of machinery or equipment, as indicated above, when the item is a single unit of equipment or machinery manufactured primarily of aluminum, glass or steel, is part of a public works contract and has the sole purpose or of being a permanent part of a single public works project. This provision does not apply to equipment or machinery purchased by a spending unit for use by that spending unit and not as part of a single public works project.

All bids and offers including domestic aluminum, glass or steel products that exceed bid or offer prices including foreign aluminum, glass or steel products after application of the preferences provided in this provision may be reduced to a price equal to or lower than the lowest bid or offer price for foreign aluminum, glass or steel products plus the applicable preference. If the reduced bid or offer prices are made in writing and supersede the prior bid or offer prices, all bids or offers, including the reduced bid or offer prices, will be reevaluated in accordance with this rule.

43. INTERESTED PARTY SUPPLEMENTAL DISCLOSURE: W. Va. Code § 6D-1-2 requires that for contracts with an actual or estimated value of at least \$1 million, the Vendor must submit to the Agency a disclosure of interested parties prior to beginning work under this Contract. Additionally, the Vendor must submit a supplemental disclosure of interested parties reflecting any new or differing interested parties to the contract, which were not included in the original pre-work interested party disclosure, within 30 days following the completion or termination of the contract. A copy of that form is included with this solicitation or can be obtained from the WV Ethics Commission. This requirement does not apply to publicly traded companies listed on a national or international stock exchange. A more detailed definition of interested parties can be obtained from the form referenced above.

44. PROHIBITION AGAINST USED OR REFURBISHED: Unless expressly permitted in the solicitation published by the State, Vendor must provide new, unused commodities, and is prohibited from supplying used or refurbished commodities, in fulfilling its responsibilities under this Contract.

45. VOID CONTRACT CLAUSES: This Contract is subject to the provisions of West Virginia Code § 5A-3-62, which automatically voids certain contract clauses that violate State law.

46. ISRAEL BOYCOTT: Bidder understands and agrees that, pursuant to W. Va. Code § 5A-3-63, it is prohibited from engaging in a boycott of Israel during the term of this contract.

**ADDITIONAL TERMS AND CONDITIONS
(Architectural and Engineering Contracts Only)**

1. PLAN AND DRAWING DISTRIBUTION: All plans and drawings must be completed and available for distribution at least five business days prior to a scheduled pre-bid meeting for the construction or other work related to the plans and drawings.

2. PROJECT ADDENDA REQUIREMENTS: The Architect/Engineer and/or Agency shall be required to abide by the following schedule in issuing construction project addenda. The Architect/Engineer shall prepare any addendum materials for which it is responsible, and a list of all vendors that have obtained drawings and specifications for the project. The Architect/Engineer shall then send a copy of the addendum materials and the list of vendors to the State Agency for which the contract is issued to allow the Agency to make any necessary modifications. The addendum and list shall then be forwarded to the Purchasing Division buyer by the Agency. The Purchasing Division buyer shall send the addendum to all interested vendors and, if necessary, extend the bid opening date. Any addendum should be received by the Purchasing Division at least fourteen (14) days prior to the bid opening date.

3. PRE-BID MEETING RESPONSIBILITIES: The Architect/Engineer shall be available to attend any pre-bid meeting for the construction or other work resulting from the plans, drawings, or specifications prepared by the Architect/Engineer.

4. AIA DOCUMENTS: All construction contracts that will be completed in conjunction with architectural services procured under Chapter 5G of the West Virginia Code will be governed by the attached AIA documents, as amended by the Supplementary Conditions for the State of West Virginia, in addition to the terms and conditions contained herein. The terms and conditions of this document shall prevail over anything contained in the AIA Documents or the Supplementary Conditions.

5. GREEN BUILDINGS MINIMUM ENERGY STANDARDS: In accordance with West Virginia Code § 22-29-4, all new building construction projects of public agencies that have not entered the schematic design phase prior to July 1, 2012, or any building construction project receiving state grant funds and appropriations, including public schools, that have not entered the schematic design phase prior to July 1, 2012, shall be designed and constructed complying with the ICC International Energy Conservation Code, adopted by the State Fire Commission, and the ANSI/ASHRAE/IESNA Standard 90.1-2007: Provided, That if any construction project has a commitment of federal funds to pay for a portion of such project, this provision shall only apply to the extent such standards are consistent with the federal standards.

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) Braden A. Hoffman


(Address) 124 Philpott Lane, Beaver, WV 25813

(Phone Number) / (Fax Number) 304-255-0491 / 304-255-4232

(email address) bhoffman@aci-wv.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.

Alliance Consulting, Inc.
(Company) 

(Signature of Authorized Representative)
Braden A. Hoffman 8/20/2025

(Printed Name and Title of Authorized Representative) (Date)
304-255-0491 / 304-255-4232

(Phone Number) (Fax Number)
bhoffman@aci-wv.com

(Email Address)

ADDENDUM ACKNOWLEDGEMENT FORM
SOLICITATION NO.:

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

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

Addendum Numbers Received:

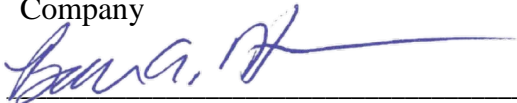
(Check the box next to each addendum received)

- | | |
|--|--|
| <input checked="" type="checkbox"/> Addendum No. 1 | <input type="checkbox"/> Addendum No. 6 |
| <input 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.

Alliance Consulting, Inc.

Company



Authorized Signature

8/20/2025

Date

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

WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION

AML CONSULTANT QUALIFICATION QUESTIONNAIRE

Attachment "A"

PROJECT NAME		DATE (DAY, MONTH, YEAR)	FEIN
1. FIRM NAME		2. HOME OFFICE BUSINESS ADDRESS	3. FORMER FIRM NAME
4. HOME OFFICE TELEPHONE	5. ESTABLISHED (YEAR)	6. TYPE OWNERSHIP Individual Corporation Partnership Joint-Venture	6a. WV REGISTERED DBE (Disadvantaged Business Enterprise) YES NO
7. PRIMARY AML DESIGN OFFICE: ADDRESS/ TELEPHONE/ PERSON IN CHARGE/ NO. AML DESIGN PERSONNEL EACH OFFICE			
8. NAMES OF PRINCIPAL OFFICERS OR MEMBERS OF FIRM		8a. NAME, TITLE, & TELEPHONE NUMBER - OTHER PRINCIPALS	
9. PERSONNEL BY DISCIPLINE			
— ADMINISTRATIVE	— ECOLOGISTS	— LANDSCAPE ARCHITECTS	— STRUCTURAL ENGINEERS
— ARCHITECTS	— ECONOMISTS	— MECHANICAL ENGINEERS	— SURVEYORS
— BIOLOGIST	— ELECTRICAL ENGINEERS	— MINING ENGINEERS	— TRAFFIC ENGINEERS
— CADD OPERATORS	— ENVIRONMENTALISTS	— PHOTOGRAMMETRISTS	— OTHER
— CHEMICAL ENGINEERS	— ESTIMATORS	— PLANNERS: URBAN/REGIONAL	
— CIVIL ENGINEERS	— GEOLOGISTS	— SANITARY ENGINEERS	
— CONSTRUCTION INSPECTORS	— HISTORIANS	— SOILS ENGINEERS	
— DESIGNERS	— HYDROLOGISTS	— SPECIFICATION WRITERS	— TOTAL PERSONNEL
— DRAFTSMEN			
<p>TOTAL NUMBER OF WV REGISTERED PROFESSIONAL ENGINEERS IN PRIMARY OFFICE: _____</p> <p>*RPEs other than Civil and Mining must provide supporting documentation that qualifies them to supervise and perform this type of work.</p>			
10. HAS THIS JOINT-VENTURE WORKED TOGETHER BEFORE? <input type="checkbox"/> YES <input type="checkbox"/> NO			

11. OUTSIDE KEY CONSULTANTS/SUB-CONSULTANTS ANTICIPATED TO BE USED. Attach "AML Consultant Qualification Questionnaire".

NAME AND ADDRESS:	SPECIALTY:	WORKED WITH BEFORE _____ Yes _____ No
NAME AND ADDRESS:	SPECIALTY:	WORKED WITH BEFORE _____ Yes _____ No
NAME AND ADDRESS:	SPECIALTY:	WORKED WITH BEFORE _____ Yes _____ No
NAME AND ADDRESS:	SPECIALTY:	WORKED WITH BEFORE _____ Yes _____ No
NAME AND ADDRESS:	SPECIALTY:	WORKED WITH BEFORE _____ Yes _____ No
NAME AND ADDRESS:	SPECIALTY:	WORKED WITH BEFORE _____ Yes _____ No
NAME AND ADDRESS:	SPECIALTY:	WORKED WITH BEFORE _____ Yes _____ No
NAME AND ADDRESS:	SPECIALTY:	WORKED WITH BEFORE _____ Yes _____ No
NAME AND ADDRESS:	SPECIALTY:	WORKED WITH BEFORE _____ Yes _____ No

12. A. Is your firm's personnel experienced in Abandoned Mine Lands Remediation/Mine Reclamation Engineering?

YES Description and Number of Projects: _____

NO

B. Is your firm experienced in Soil Analysis?

YES Description and Number of Projects: _____

NO

C. Is your firm experienced in hydrology and hydraulics?

YES Description and Number of Projects: _____

NO

D. Does your firm produce its own Aerial Photography and Develop Contour Mapping?

YES Description and Number of Projects: _____

NO

E. Is your firm experienced in domestic waterline design? (Include any experience your firm has in evaluation of aquifer degradation as a result of mining.)

YES Description and Number of Projects: _____

NO

F. Is your firm experienced in Acid Mine Drainage
Evaluation and Abatement Design?

YES Description and Number of Projects: _____

NO

G. Is your firm experienced in construction oversight?

YES Description and Number of Projects: _____

NO

13. PERSONAL HISTORY STATEMENT OF PRINCIPALS AND ASSOCIATES **RESPONSIBLE FOR AML PROJECT DESIGN** (Furnish complete data but keep to essentials)

NAME & TITLE (Last, First, Middle Int.)	YEARS OF EXPERIENCE		
	YEARS OF AML DESIGN EXPERIENCE:	YEARS OF AML RELATED DESIGN EXPERIENCE:	YEARS OF DOMESTIC WATERLINE DESIGN EXPERIENCE:

Brief Explanation of Responsibilities

EDUCATION (Degree, Year, Specialization)

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS	REGISTRATION (Type, Year, State)
--	----------------------------------

13. PERSONAL HISTORY STATEMENT OF PRINCIPALS AND ASSOCIATES **RESPONSIBLE FOR AML PROJECT DESIGN** (Furnish complete data but keep to essentials)

NAME & TITLE (Last, First, Middle Int.)	YEARS OF EXPERIENCE		
	YEARS OF AML DESIGN EXPERIENCE:	YEARS OF AML RELATED DESIGN EXPERIENCE:	YEARS OF DOMESTIC WATERLINE DESIGN EXPERIENCE:

Brief Explanation of Responsibilities

EDUCATION (Degree, Year, Specialization)

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS	REGISTRATION (Type, Year, State)
--	----------------------------------

13. PERSONAL HISTORY STATEMENT OF PRINCIPALS AND ASSOCIATES **RESPONSIBLE FOR AML PROJECT DESIGN** (Furnish complete data but keep to essentials)

NAME & TITLE (Last, First, Middle Int.)	YEARS OF EXPERIENCE		
	YEARS OF AML DESIGN EXPERIENCE:	YEARS OF AML RELATED DESIGN EXPERIENCE:	YEARS OF DOMESTIC WATERLINE DESIGN EXPERIENCE:

Brief Explanation of Responsibilities

EDUCATION (Degree, Year, Specialization)

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS	REGISTRATION (Type, Year, State)
--	----------------------------------

13. PERSONAL HISTORY STATEMENT OF PRINCIPALS AND ASSOCIATES **RESPONSIBLE FOR AML PROJECT DESIGN** (Furnish complete data but keep to essentials)

NAME & TITLE (Last, First, Middle Int.)	YEARS OF EXPERIENCE		
	YEARS OF AML DESIGN EXPERIENCE:	YEARS OF AML RELATED DESIGN EXPERIENCE:	YEARS OF DOMESTIC WATERLINE DESIGN EXPERIENCE:

Brief Explanation of Responsibilities

EDUCATION (Degree, Year, Specialization)

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS	REGISTRATION (Type, Year, State)
--	----------------------------------

15. CURRENT ACTIVITIES ON WHICH YOUR FIRM IS THE DESIGNATED ENGINEER OF RECORD

PROJECT NAME, TYPE AND LOCATION	NAME AND ADDRESS OF OWNER	NATURE OF YOUR FIRM'S RESPONSIBILITY	ESTIMATED CONSTRUCTION COST	PERCENT COMPLETE

TOTAL NUMBER OF PROJECTS:

TOTAL ESTIMATED CONSTRUCTION COSTS: \$

19. COMPLETED WORK WITHIN LAST 5 YEARS ON WHICH YOUR FIRM HAS BEEN A SUB-CONSULTANT TO OTHER FIRMS (INDICATE PHASE OF WORK FOR WHICH YOUR FIRM WAS RESPONSIBLE)

PROJECT NAME, TYPE AND LOCATION	NAME AND ADDRESS OF OWNER	ESTIMATED CONSTRUCTION COST OF YOUR FIRM'S PORTION	YEAR	CONSTRUCTED (YES OR NO)	FIRM ASSOCIATED WITH

20. Use this space to provide any additional information or description of resources supporting your firm's qualifications to perform work for the West Virginia Abandoned Mine Lands Program.

21. The foregoing is a statement of facts.

Signature: _____ Title: _____ Date: _____

Printed Name: _____

AML and RELATED PROJECT EXPERIENCE MATRIX

PROJECT	Exp. Basis C=Corp. P=Personnel *	Additional Info Provided in Section (s) **	PROJECT EXPERIENCE REQUIREMENTS															PRIMARY STAFF PARTICIPATION/CAPACITY *** M=Management P=Professional						
			Abandoned Surface Mine Reclamation	Abandoned Deep Mine Reclamation	Portal/Shaft Closure	Hydrologic/Hydraulic Design/Eval.	Remining Evaluation	Mine/Refuse Fire Abatement	Subsidence Investigation Mitigation	Hazardous Waste Disposal	Project Specifications	Water Quality Evaluation/Nitigation/ Replacement	Construction Inspection/Managem ent	Water Treatment	Active/Passive Water Treatment Systems	Equipment/Structure Removal	Stream Restoration	Geotechnical/Stability						

* List whether project experience is corporate or personnel based or both.
 ** Use this area to provide specific sections or pages if needed for reference.
 *** List Primary Design personnel and their functional capacity for the projects listed.

Office of Surface Mining Reclamation and Enforcement

Instructions for Completing the AML Contractor Form OMB #1029-0119

Purpose: The Office of Surface Mining Reclamation and Enforcement Applicant/Violator System (AVS) office is required to conduct eligibility checks for businesses performing abandoned mine land (AML) reclamation work to ensure those businesses are not associated with any coal mining violations in accordance with the Surface Mining Control and Reclamation Act (SMCRA). This form is used to update the AVS database which maintains relationship information between individuals and their associated businesses. If you have any questions, please contact the AVS Office at 800-643-9748.

Part A: General Information: Part A should be completed by the AML Contractor. You can find an electronic fillable form on our website (<https://www.osmre.gov/programs/regulating-coal-mines/avs>).

Part B: Obtain an Organizational Family Tree (OFT): Part B should be completed by the AML Contractor. An Organizational Family Tree (OFT) indicates the relationships between individuals and their associated business.

You can obtain an OFT two ways:

1. Call the AVS Office at 800-643-9748 to request your company's OFT.
2. Go to the AVS website (<https://avss.osmre.gov>). Click "Access AVS", and then "Login as Guest". Place your cursor on the "Entity" Module and click. Type your business name (or entity number) in search box and press enter. Select your company and then click on the "Relationship" tab to display your Entity OFT information. Print the Entity OFT from AVS. Review the OFT, if you need to make updates complete Part D. Attach the OFT to your AML Contractor Form.

If you are a new company or this is your first AML bid: Your business is most likely **not** in the AVS. If your company does not appear in the AVS database, move on to Part C, check Box 3, and complete Part D of this form.

If your company has worked on previous AML projects or in the coal mining industry: Your business is most likely in the AVS, but may need to be updated. Obtain and review your OFT and then complete Part C.

Part C: Certifying and updating information in the Applicant/Violator System (AVS). Part C should be completed by the AML Contractor. Please check the box that best describes your situation, sign and date.

Note: Signature date must be recent (within 30 days) to be considered.

Part D: OFT Information. Part D should be completed by the AML Contractor **only** if you want to make updates to what information is in the AVS, or if your company **does not** have any information in the AVS. Include **all** fields, including the relevant begin and/or end dates for individuals, including middle name or initial for individuals if possible.

Answers to Part D FAQs:

Which employees should be included in Part D?

Any current or separated employee of significance should be listed. Refer to the list provided at the top of Part D. For those owning less than 10% reporting the ownership is optional. Include those employees who direct, manage, or control the project. If, for example, a Professional Engineer has the power to determine how the project is conducted you should include him/her on Part D.

What address and phone number should I use?

Use the address and phone number where the person receives business correspondence.

What are the begin and end dates for?

Begin dates indicate when a person started in that position in your company. If an individual still works at the company you can simply fill in the begin date and leave the end date blank or write "N/A". **End dates** are used for indicating that someone no longer works in that capacity or is no longer employed at the company. **If an employee has held more than one position** or title, note the begin dates/end dates for each position.

ABANDONED MINE LANDS (AML) CONTRACTOR INFORMATION FORM

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

Part A: General InformationBusiness Name: Alliance Consulting, Inc.Tax ID #: 55-0778450Address: 124 Philpott LaneCity, State, & Zip: Beaver, WV 25813Phone Number: 304-255-0491Email Address: bhoffman@aci-wv.com**Part B: Obtain an Organizational Family Tree (OFT) from the Applicant Violator System (AVS)**

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

Part C: Certifying and updating information in the AVS


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

I, Braden A. Hoffman, have express authority to certify that:
(Print Name)

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

8/20/2025

Date



Signature
Senior Vice President/CFO

Title

Part D: OFT Information

Contractor's Business Name: _____

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

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

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

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

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

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

PAPERWORK REDUCTION STATEMENT

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

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



U.S. Department of the Interior
Office of Surface Mining Reclamation and Enforcement
Applicant/Violator System

Entities

Previous Search

Entity Name

Search

Per Page

Entity Number: 251800

Last Name: Alliance Consulting Inc

* First Name:

Middle Name:

Alias:

Tax ID:

Memo:

Created: 6/13/2011

Updated: 6/13/2011

Source: michael.staples

Entity Type: Business

Locked: Y

Entity #	Entity Name	Suffix	First	Middle	Lock	Type	
251800	Alliance Consulting Inc				Y	Business	Select

Addresses	Relationships	Applications	Permits	Comments
-----------	---------------	--------------	---------	----------

Street	City	State	Zip	Phone	Source
124 Philpott Lane	Beaver	WV	25813	3042550491	michael.staples



U.S. Department of the Interior
 Office of Surface Mining Reclamation and Enforcement
 Applicant/Violator System

Entities

Previous Search

Entity Name

Search

Per Page ▾

Entity Number: 251800

Last Name: Alliance Consulting Inc

* First Name:

Middle Name:

Alias:

Tax ID:

Memo:

Created: 6/13/2011

Updated: 6/13/2011

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Entity Type: Business

Locked: Y

Entity #	Entity Name	Suffix	First	Middle	Lock	Type	
251800	Alliance Consulting Inc				Y	Business	Select

Addresses	Relationships	Applications	Permits	Comments
-----------	---------------	--------------	---------	----------

	Entity #	Parent Entity	Relationship	Entity #	Related Entity	First	% Own	Begin	End	Hold	Hold Source	Create	Update	Description	Source
<input type="checkbox"/>	251800	Alliance Consulting Inc	Member	251796	All Con LLC		0.00	1/1/2001	4/1/2018	None		6/13/2011	5/7/2018		Lillian.Pick

PROJECT SPECIFICATION DOCUMENTS

Alliance Consulting, Inc. (Alliance) is submitting this Project Specifications response for the West Virginia Department of Environmental Protection (WVDEP) Abandoned Mine Lands' (AML) Expression of Interest (EOI) issued August 1, 2025 in order to provide professional services for the AML - EOI Pre-Qualification for Consultants located in West Virginia.

Alliance has the ability to prepare plans and specifications for use in the abatement of mining hazards to include subsidence, remediation, landslides, burning refuse sites, open and collapsed portals, AMD treatment, highwall and surface mine reclamation, as well as stream restoration, etc. Alliance is also a State authorized vendor, and will meet all other WVDEP requirements.

In order to meet the project specifications of the WVDEP for the AML Project, the following is included:

- Background
- Project and Goals
- Contract Services Deliverables
- Qualifications, Experience, and Past Performance

The following vendor information is being provided as it may be beneficial in the review and selection process:

- Vendor Identification Number & Licenses
- Federal Employee Identification Number
- Proof of Workers Compensation Coverage and Professional Liability Insurance
- Proof of Certificate of Authorization (COA) for Engineering Services
- Proof of WV SWAM Small Business Certification



3. BACKGROUND

Alliance Consulting, Inc. (Alliance) is a full service multi-disciplinary Civil, Solid Waste, Mining, and Environmental Engineering Consulting firm that was founded in 2001 by individuals with over 100 years of combined industry experience, dating back to 1975. Alliance is a WV SWAM Small Business enterprise. Proof of the WV SWAM Small Business Certification is included in Section 10 of this Expression of Interest document. At Alliance, we operate based on a philosophy that places our clients' needs paramount to our planning and business development. Additionally, in today's regulatory setting, we fully understand the need to balance environmental concerns and regulations with business realities. Since 2001, we have been providing a full range of engineering, environmental, field construction, testing and inspection, laboratory materials testing analysis, and permitting services to a variety of clients, including both private industry and the public sector, as well as private landowners. Our engineers, biologists, ecologists, environmental professionals, technicians, inspectors, and support staff provide turnkey project solutions. We are capable of taking a project from its initial planning stages through construction completion.

Alliance is capable of meeting your design needs including but not limited to:

- National Environmental Policy Act (NEPA) consultations and documentation
- Public Participation
- Infrastructure Investment Jobs Act (IIJA) compliance
- Determine legal ownership of properties
- Obtain exploratory and construction rights of entry (EROE and CROE)
- Provide legal documentation to substantiate legal ownership findings
- Provide current site mapping based on conventional and aerial (drone) data, perform utility and other site surveys, construction layout and staking, and as-built surveys to include certifications by a Registered Professional Surveyor
- Coordinate Miss Utility consultations for utility locations as necessary
- Perform Site and Geotechnical Investigations
- Design temporary and permanent access or accesses for construction and future maintenance
- Slope stabilization design
- Design multiple portal seals and regrades (wet and dry seals)
- Design reclamation of exposed coal refuse and mine spoil
- Design of drainage conveyances, including drainage channels, underdrains, and/or other controls to safely convey water off-site
- Prepare and obtain National Pollutant Discharge Elimination System (NPDES) permits
- Obtain West Virginia Department of Highways (WVDOH) MM-109 permits as required
- Construction quality assurance and quality control (QA/QC)
- Provide resident project representative/inspector
- Prepare daily construction activity logs summarizing activities
- Provide engineering support and services throughout construction



- Provide Engineers certification report
- Stream and wetland restoration designs
- Provide any required endangered species studies and consultations with West Virginia Department of Natural Resources (WVDNR) and the U.S. Fish and Wildlife service (USFWS)
- Prepare State Historic Preservation Office (SHPO) consultations and coordinate archeology studies if necessary
- Obtain any necessary Army Corp of Engineer (USACE) consultations and permits required for each project



4. PROJECT AND GOALS

The project goals and objectives are listed below. Vendors should discuss any anticipated concepts and proposed methods of approach for achieving each of the listed goals and objectives:

All Work shall comply with the Infrastructure Investment Jobs Act (IIJA), including compliance with the Davis-Bacon and Build America, Buy America (BABA), as applicable and all Federal, State, and Local laws.

Alliance Response: Alliance is familiar with the OSMRE Guidance on the Infrastructure Law for Abandoned Mine Land Grant Implementation and the IIJA compliance requirements for the funding of such projects. These requirements include Build America, Buy America Act, Davis-Bacon Wage Act, National Environmental Policy Act and Performance Measures and Reporting. Alliance is comfortable ensuring contracts are completed in accordance with said compliance requirements where applicable. Alliance is currently addressing dealing with the above Federal, State and local laws within its ongoing work with AML on the Contract 4 Project South work.

Planning Work encompasses all related consultations, investigations, report generation, applications, etc. required to perform the Work, which may include, but may not be limited to: National Environmental Policy Act (NEPA) consultations, West Virginia Division of Natural Resources (WVDNR) consultation, West Virginia Historic Preservation Office (SHPO) consultation, WV Regional Planning consultation, US Forest Service consultations, US Fish and Wildlife Service (USFWS) consultations, and any other consultation(s) or permit(s) needed to perform the Work. The above includes but is not limited to bat studies, threatened and endangered species investigation / analysis / report generation, water quality sampling, and data collection / analysis.

Alliance Response: Alliance has completed, and is currently working on multiple projects with the goal of meeting NEPA compliance for various state and federal projects, as well as private projects receiving federal funding. Alliance has prepared and conducted studies for Environmental Impact Studies and Environmental Assessments and Categorical Exclusion Assessments to meet NEPA compliance. Our work has included but not been limited to screening sites to determine if the potential exists for endangered species and jurisdictional waters including streams and wetlands, as well as coordination with archaeological and architectural experts. Alliance has utilized IPaC, the WVDNR Lands Inquiry, as well as any available historic records in the screening process. Field investigations have included endangered species surveys and stream and wetland delineations. Previous endangered species surveys conducted include endangered bat surveys (WV & IL), crayfish surveys (WV), rice rat surveys (IL). Alliance coordinates with various agencies to assess and address potential impacts. In this process, Alliance has coordinated with various agencies on numerous



projects including the US Fish & Wildlife Service (USFWS), US Army Corps of Engineers (USACE), WV Department of Environmental Protection (WVDEP), WV Division of Natural Resources (WVDNR), and WV Division of Culture & History – State Historic Preservation Office (SHPO). If potential impacts may occur to a species or jurisdictional water, Alliance has experience in reviewing options to avoid impacts, if possible, and if not possible to limit impacts, as well as to obtain necessary permits and mitigation to reduce adverse impacts. Alliance has worked on projects evaluated under all three analytical approaches under NEPA from Categorical Exclusion to Environmental Impact Statements and is familiar and comfortable with each. Alliance is currently completing all facets of planning and consultation for AML on its Contract 4 Project South designs.

Realty Work encompasses all necessary research and subsequent right of entry agreements being set into place for the sites to be sufficiently and legally investigated, designed, and for a final design to be constructed. This may include, but may not be limited to: performing courthouse research to determine legal property ownership and dutifully documenting the findings, obtaining Exploratory Rights of Entry (EROE) from affected landowners, obtaining Construction Rights of Entry (CROE) from landowners, keeping logs of all conversations with landowners, data collection, reporting, and possessing the capability of having boundary surveys performed on an as-needed basis. The successful A/E firm must obtain the rights of entry prior to performing any fieldwork on-site, and these rights of entry must include the successful A/E firm, the WVDEP-DLR-AML, and Office of Surface Mining Reclamation & Enforcement (OSMRE).

Alliance Response: Alliance is experienced with conducting research and assessing the records in the appropriate county courthouse to determine the legal ownership of the property. Alliance has staff with vast knowledge of real estate documents, contracts, lease agreements, trust deeds, etc., and is able to analyze legal descriptions of property and title documents to determine legal ownership. Alliance also has experience coordinating with landowners obtaining EROE and CROE agreements from previous AML project experience. Alliance is currently completing all facets of realty work for AML on its Contract 4 Project South designs.

Design Work which may include, but may not be limited to: Civil, Geological, Hydrological, Survey (mapping), Process, Structural, Electrical, etc., as applicable. This encompasses all required engineering and survey (including current mapping and other related services) necessary to successfully design an engineered, permanent solution that fully addresses the issues and problems that each project presents. This also includes site and geotechnical investigations. Each design must fully remove and mitigate dangers to private individuals or the public that are currently present, not introduce new dangers, and be stamped by a Registered Professional Engineer in the State of West Virginia for design and Registered Professional Surveyor in the State of West Virginia for survey for deliverables. Design Work includes but is not limited to: National Pollutant Discharge Elimination



System (NPDES) construction stormwater General Permit registration, West Virginia Department of Highways (WVDOH) MM-109 encroachment permits, Army Corps of Engineers (USACE) consultations, Department of Health Permits (for water lines, if applicable), and county permits as applicable, including floodplain permits. Design Work could also include but is not limited to: developing construction plans and technical specifications for all aspects to reclaim mine portals, drainage controls and systems, slope stabilization, coal refuse and mine spoil reclamation, stream and / or channel restoration, , subsidence repair, temporary and permanent access or accesses for construction and future maintenance, stormwater and erosion and sediment control, regrading and revegetation, any required water treatment systems, and any remediation for all other conditions encountered on the project sites. The successful A/E firm must obtain, maintain, and release all required permits.

Alliance Response: Alliance has many years of experience developing construction plans and technical specifications for all aspects of old, new, and prelaw mining projects, within many different states for many different clients. Alliance has completed multiple AML projects over the years. Alliance's most recently completed AML project (Ethel Hollow) required the completion of plans and specifications, drainage control, slope stabilization, coal refuse reclamation, and erosion and sediment control plans. Alliance is currently completing one AML project (Contract No. 4 AML Project South) involving six separate sites, which requires the completion of plans and specifications, drainage control, slope stabilitzation, mine fire abatement, mine seal installation, realty, environmental permits, and construction oversight. Additionally, Alliance is teamed with RES for reclamation of the Meadow Fork Clogged Stream Design-Build Project as Alliance also has 25 years of stream restoration/mitigation design experience in WV and abroad

Alliance has both general civil and structural engineering capabilities that allow us to provide construction plans and technical specifications for all aspects of mine reclamation including portal closures which has become a technical challenge for recent AML projects. Alliance also has multiple in-house Endangered Species Biologists should the project require endangered bat surveys prior to closure of the portals. Alliance has also been completing stream restoration projects on mining lands since 2012, as well as offsite mitigation banks. Alliance currently manages six stream and wetland mitigation banks in WV, one mitigation bank in Illinois and is currently constructing one in Pennsylvania and one in Virginia. In addition to the mitigation banks Alliance has also designed and implemented well over 100,000 linear feet of Permitted Responsible Stream mitigation projects. Alliance has been involved in all aspects of these stream restoration projects from concept to permitting and design to construction mangement and oversight through long term monitoring.





**Blacksville Stream and Wetland Mitigation Bank – Pennsylvania
August 6th, 2025**

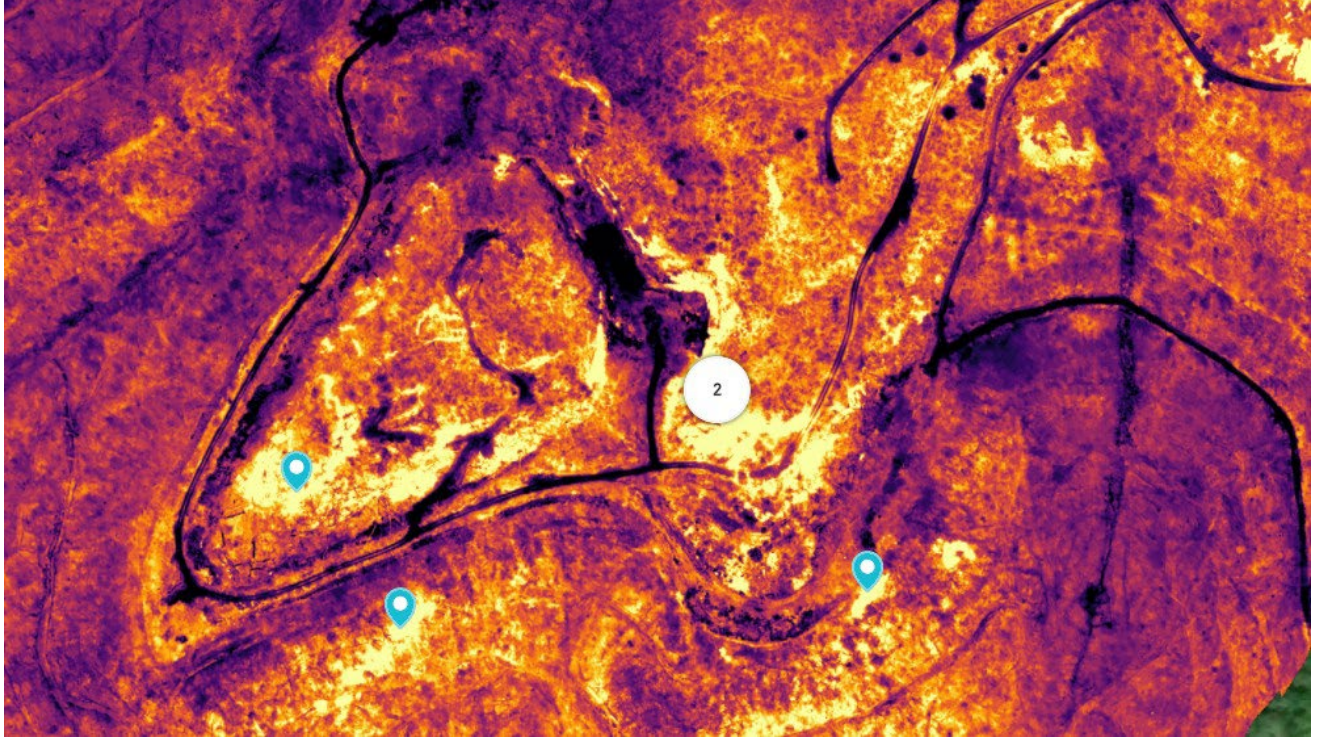
Alliance has extensive experience in coal mine subsidence inclusive of both new and historic subsidence impacts. We have active subsidence and mitigation monitoring projects currently ongoing in three states with projects including structural evaluations, water loss evaluations, and stability evaluations, among others.

Alliance utilizes up to five mapping and drafting products in our everyday operations including those like AutoCAD and Civil 3D, which are generally used in designing reclamation operations and stream restoration projects.

Alliance is capable of and confident in our ability to design all necessary structures including ditches, channels, underdrains, and entire regrade plans, as well as our ability to provide quality assurance and control operations of the site. We currently employ 10 field technicians with all the necessary training and certifications to oversee construction activities. Our field technicians are experienced in a wide variety of construction projects including coal refuse impoundments, reclamation, highway construction, dam construction and modification, site development and material testing.

In addition to our design abilities, Alliance also offers full surveying service, including the use of drones and WAVs. Alliance has utilized drones in the preparation of pre-project contours, as-builts, and the tracking of soil or reclaim quantities on AML projects in the past as shown in the attached photograph. Alliance has also utilized drones in the identification of hot spots associated with underground mine fires as part of the AML design process work flow.



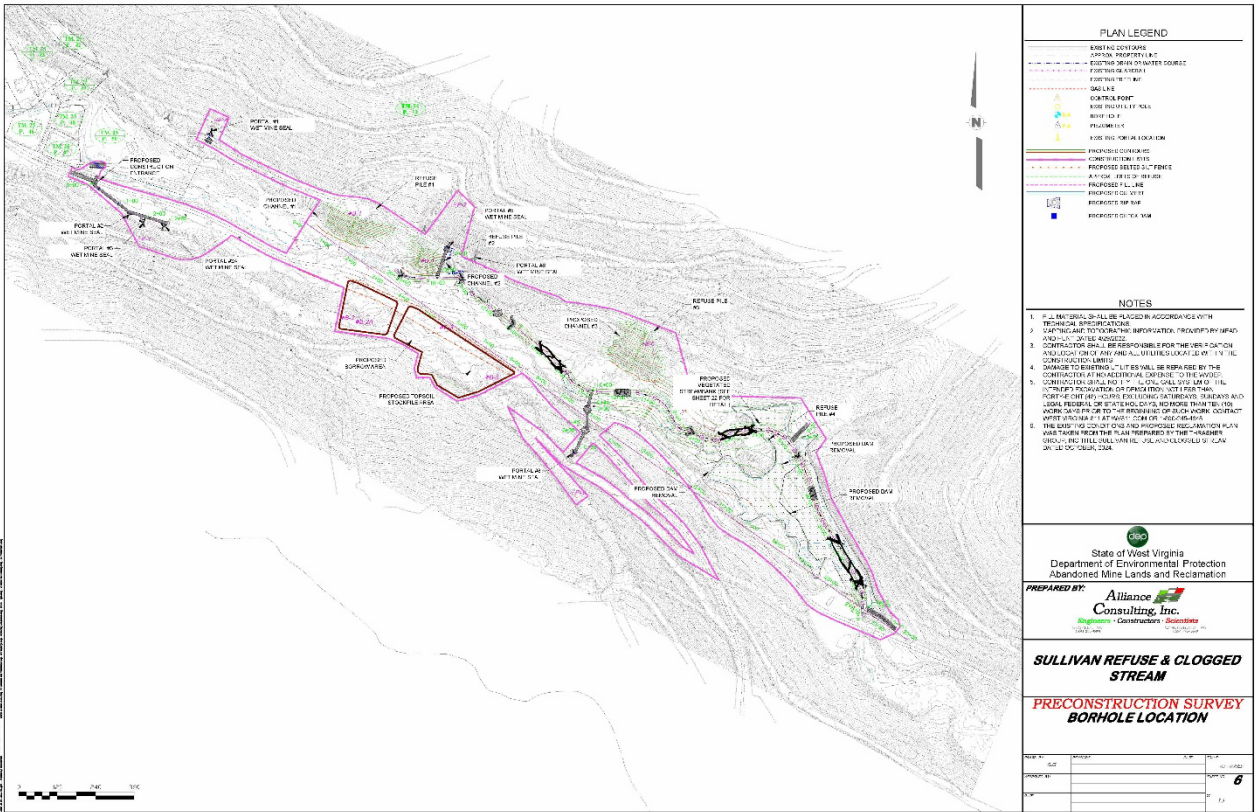


Logan County Airport UMF Project



Canyon Run AML – As-Built Monitoring – 2020





Sullivan Refuse and Clogged Stream AML Pre-Project Contour Survey 6-2025

Alliance will work with the WVDEP to obtain all required permits. Alliance has a good working relationship with all regulatory agencies that would need to be involved to issue the required permits for the project. From the U. S. Army Corps of Engineers thru all departments of the WVDEP, we can and routinely interact with regulatory agencies to prepare all required permits for construction/reclamation and restoration projects.

Alliance has extensive experience in all aspects of construction permitting inclusive of WVDNR – Right of Entry, WVDEP Construction Stormwater (NPDES), WVDOH (MM109), US Army Corps of Engineers, and WVDEP permitting requirements. Alliance has worked with the regulatory agencies to maintain and monitor ongoing projects from construction stormwater monitoring to all forms of necessary permit renewals.

In addition, Alliance is familiar with the requirements for release of certain permits including preparation of required notices and requests for release/termination.

In summary, Alliance is confident that it can obtain, maintain and ultimately release any necessary permit required for any AML project proposed under this EOI.



Construction Oversight Work including but may not be limited to: Daily Inspection with documentation for the duration of the Construction and through the warranty period until final release, Engineering Oversight and Support, review and approval of contractor provided as-builts, and Final Engineer's Certification Report of the project.

Alliance Response: Alliance will provide the resident project representative QA/QC certification by a registered engineer overseeing the project. As stated previously, Alliance has 10 field construction and environmental technicians who regularly conduct onsite reviews and document field construction activities. These field technicians routinely perform construction oversight on various other projects providing daily documentation. Alliance has prepared as-built drawings for contractors working on AML construction projects and is familiar with the details required. In addition, our engineers regularly conduct site visits and inspections to ensure proper construction techniques are being followed. Alliance will complete all facets of construction oversight work for AML on its Contract 4 Project South projects upon commencement of construction.

Vendor should describe how the firm will meet the Agency's and firms agreement for deadlines.

Vendors should demonstrate a clear understanding of the time-sensitive nature of Abandoned Mine Land (AML) reclamation projects and provide a plan for how they will meet all deadlines established by the Agency throughout the project lifecycle.

Alliance Response: Alliance will provide regular status updates to the AML project administrator or designated point of contact at a frequency agreed upon by the AML representative. A project timeline will be provided at the time of an awarded project contract to the AML representative. Any changes which may occur during the project that will affect the project timeline will be discussed with the AML representative. Any time sensitive permit requirements that may be needed for a project will be prioritized to the best extent possible to keep the total project schedule to a minimum. Alliance is aware that IJJA funding has some imposed deadlines, or that funding deadlines are subject to change. Alliance will coordinate any deadlines required with the AML representative.

Alliance has a proven track record of dealing with the time sensitive nature of AML reclamation projects and has successfully navigated this on our ongoing Contract 4 Project South designs.

Alliance has weekly Teams meetings with our AML project Managers and Alliance project managers. These meetings are generally short but have proven to allow us to proactively identify risks and propose mitigation strategies to stay on track, as well as enabling both AML and Alliance to complete progress tracking and issue resolution.



5. CONTRACT SERVICES DELIVERABLES

Once prequalified, the Agency expects firms to:

- Adhere to established schedules for project initiation, deliverables, and completion.
- Be responsive to funding and compliance timelines under the Infrastructure Investment and Jobs Act (IIJA) and the Surface Mining Control and Reclamation Act (SMCRA).
- Coordinate effectively with Agency staff, subcontractors, and permitting authorities to avoid delays.
- Proactively identify risks and propose mitigation strategies to stay on track.

Firms must include but not limited to the following documentation in each prequalification response:

- A description of their project management approach and internal systems used to ensure timely performance;
- Examples of past AML or similar projects completed on time, including key deadlines met.
- A summary of personnel availability and resource planning to meet overlapping or expedited deadlines;
- A plan for communication, progress tracking, and prompt issue resolution.



6. QUALIFICATIONS, EXPERIENCE, AND PAST PERFORMANCE

We pride ourselves on using our talents and experience to provide you with exceptional results.

Alliance has the experience and personnel available to assist you with design plans, analysis, drawings, specifications, and permitting. Our experience encompasses many stages of the project, and therefore allows us to provide comprehensive documents as may be required for your projects. Our Engineering, Environmental, and Surveying teams have provided services on numerous state (including current WVDEP-AML projects), municipal, and federal projects through the state of West Virginia and other states, including but not limited to Illinois, Ohio, and Pennsylvania.

Further details are provided in Attachment A - West Virginia Department of Environmental Protection AML Consultant Qualification Questionnaire (CQQ), and Attachment B - AML and Related Project Experience Matrix (RPEM).

Resumes for key staff members include:

Ryan P. Cox, P.E.
Braden A. Hoffman
Asa Dick, P.S.
Ronald L. Fama, P.E.
Justin D. Farrish
Robert Ferrell
Raymond E. Fink, P.S.
R. Ty Gore
C. David Irle
Brandon M. Lester
Brian W. Matherly
Alex Patterson
Brian C. Shorts, P.E.
Daniel R. Shorts, P.E.
Joshua T. Snyder
Kelly J. Sweeney
Dwayne J. Schoolfield Jr.
Bethany L. Wolfe

Resumes for these key individuals have been included hereafter in Attachment C within this Project Specifications document.



ATTACHMENT A

**WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION AML
CONSULTANT QUALIFICATION QUESTIONNAIRE (CQQ)**



**WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION
AML CONSULTANT QUALIFICATION QUESTIONNAIRE**

Attachment "A"

PROJECT NAME AML - EOI Pre-Qualification for Consultants	DATE (DAY, MONTH, YEAR) August 20, 2025	FEIN 55-0778450
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1. FIRM NAME Alliance Consulting, Inc.	2. HOME OFFICE BUSINESS ADDRESS 124 Philpott Lane Beaver, WV 25813	3. FORMER FIRM NAME Almes & Associates, Inc. Consulting Engineers
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4. HOME OFFICE TELEPHONE (304) 255-0491	5. ESTABLISHED (YEAR) 2001	6. TYPE OWNERSHIP Individual Corporation X Partnership Joint-Venture	6a. WV REGISTERED DBE (Disadvantaged BusinessEnterprise) YES NO X
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7. PRIMARY AML DESIGN OFFICE: ADDRESS/ TELEPHONE/ PERSON IN CHARGE/ NO. AML DESIGN PERSONNEL EACH OFFICE
 124 Philpott Lane, Beaver, WV 25813/(304)255-0491/Braden A. Hoffman / 52
 3 Four Coins Drive, Canonsburg, PA 15317/(724) 745-3630/ Steve Henderson / 10

8. NAMES OF PRINCIPAL OFFICIALS OR MEMBERS OF FIRM Ryan P. Cox, P.E., President/Principal Eng.	8a. NAME, TITLE, & TELEPHONE NUMBER - OTHER PRINCIPALS Braden A. Hoffman, Sr. Vice President/CFO (304) 255-0491 Stephen C. Henderson, Vice President(724)745-3631
---	---

9. PERSONNEL BY DISCIPLINE

<u>(7)</u> ADMINISTRATIVE — ARCHITECTS — BIOLOGIST <u>(1)</u> CADD OPERATORS — CHEMICAL ENGINEERS <u>(4)</u> CIVIL ENGINEERS <u>(10)</u> CONSTRUCTION INSPECTORS <u>(7)</u> DESIGNERS <u>(1)</u> DRAFTSMEN	— ECOLOGISTS — ECONOMISTS — ELECTRICAL ENGINEERS <u>(6)</u> ENVIRONMENTALISTS <u>(1)</u> ESTIMATORS <u>(1)</u> GEOLOGISTS — HISTORIANS — HYDROLOGISTS	<u>(1)</u> LANDSCAPE ARCHITECTS — MECHANICAL ENGINEERS <u>(1)</u> MINING ENGINEERS <u>(1)</u> PHOTOGRAMMETRISTS — PLANNERS: URBAN/REGIONAL — SANITARY ENGINEERS — SOILS ENGINEERS — SPECIFICATION WRITERS	<u>(1)</u> STRUCTURAL ENGINEERS <u>(2)</u> SURVEYORS — TRAFFIC ENGINEERS <u>(3)</u> OTHER Designers <u>(4)</u> Permitting Specialists <u>(10)</u> Scientists <u>(2)</u> Lab Technicians <u>(1)</u> Clerical <u>(1)</u> Surveying Tech <u>62</u> TOTAL PERSONNEL
--	---	---	---

TOTAL NUMBER OF WV REGISTERED PROFESSIONAL ENGINEERS IN PRIMARY OFFICE: 4
***RPEs other than Civil and Mining must provide supporting documentation that qualifies them to supervise and perform this type of work.**

The majority of employees work out of the WV office (52 of the listed 62). The PA office is composed of 10 of the 62 employees listed.

10. HAS THIS JOINT-VENTURE WORKED TOGETHER BEFORE? YES NO **Not Applicable**

11. OUTSIDE KEY CONSULTANTS/SUB-CONSULTANTS ANTICIPATED TO BE USED. Attach "AML Consultant Qualification Questionnaire".

NAME AND ADDRESS Horn & Associates	SPECIALITY Drilling and geotechnical investigation	WORKED WITH BEFORE <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
NAME AND ADDRESS Terracon	SPECIALITY Drilling and geotechnical investigation	WORKED WITH BEFORE <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
NAME AND ADDRESS Geotechnics	SPECIALITY Specialty geotechnical laboratory and geosynthetic testing	WORKED WITH BEFORE <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
NAME AND ADDRESS GAI Consultants	SPECIALITY Specialized geotechnical analysis and evaluation	WORKED WITH BEFORE <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
NAME AND ADDRESS Triad	SPECIALITY Drilling and geotechnical investigation	WORKED WITH BEFORE <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
NAME AND ADDRESS Appalachian Labs	SPECIALITY Water quality and ABA testing	WORKED WITH BEFORE <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
NAME AND ADDRESS	SPECIALITY	WORKED WITH BEFORE <input type="checkbox"/> YES <input type="checkbox"/> NO
NAME AND ADDRESS	SPECIALITY	WORKED WITH BEFORE <input type="checkbox"/> YES <input type="checkbox"/> NO
NAME AND ADDRESS	SPECIALITY	WORKED WITH BEFORE <input type="checkbox"/> YES <input type="checkbox"/> NO

12. A. Is your firm's personnel experienced in Abandoned Mine Lands Remediation/Mine Reclamation Engineering?

YES Description and Number of Projects: Alliance has designed over 1,000* refuse disposal facilities including impoundments, slurry cells, valley fills, combined coal refuse disposal facilities which typically include abandonment and reclamation plans. Alliance has completed multiple AML projects over the years with the most recent being for the Ethel Hollow Phase 1 reclamation. Alliance is currently completing six AML projects (Contract 4) and preparing to begin work on the Meadow Fork Clogged Stream Project.

NO

B. Is your firm's personnel experienced in Soil Analysis?

YES Description and Number of Projects: Alliance has worked on approximately 500 projects which require development of subsurface and/or laboratory testing to determine the material properties of soils for geotechnical, engineering, and development of construction plans. Alliance provides some materials testing in-house, including compaction, gradation, proctors, and limits.

NO

C. Is your firm's personnel experienced in hydrology and hydraulics?

YES Description and Number of Projects: Alliance routinely performs hydrology and hydraulic calculations for projects which require designs such as conveyance channels, sediment control structures, surface water runoff analysis (SWROA), flood routing, run-on/runoff controls for landfill facilities, urban development, routing of inflow/outflow of dams, dredging predictions for subsidence. Designs are always completed with erosion protection in mind. Alliance has performed this type of work on over 1,000 projects.

NO

D. Does your firm produce its own Aerial Photography and Develop Contour Mapping?

YES Description and Number of Projects: Alliance provides aerial photography and contour mapping on an average of 10-15 unique projects per month, with aerial photography and contour mapping as the final deliverable. Alliance has 4 licensed drone operators using 13 Unmanned Aerial Vehicles (UAV's) one of which is a LiDAR unit.

NO

E. Is your firm experienced in domestic waterline design? (Include any experience your firm has in evaluation of aquifer degradation as a result of mining.)

YES Description and Number of Projects: Our personnel have been involved in numerous domestic waterline projects while employed at Alliance Consulting and/or while employed with other consultants.

Projects range from small projects such as providing water as part of the overall site development project for Crossroads Chevrolet in Mount Hope, WV to multimillion dollar projects such as the Glen White-Trap Hill Water System upgrade project. Focusing on those projects that serve more than one customer, the following is a sample list:

- The Retreat at Glade Springs: Site development project for 75 condominiums, including waterline system extension design.
- Brad Backus Subdivision: Water line extension design for 12 lots in the Mt. Nebo area.
- Berwind Lake Cabins Developments: Site development project for 10 cabins, including waterline extension design to serve the cabins.
- Glen White - Trap Hill PSD System Upgrade Project Phases I and II: Project consisted of the design and construction management required to upgrade transmission lines, increase water storage with the construction of three water storage tanks, and extend service to additional customers in Raleigh County.
- Sugar Creek PSD Water System Upgrade Project: Project consisted of the design and construction management required to upgrade the treatment plant, extend the system to the Servia area of Braxton County, including the construction of two water storage tanks.

Our staff of geologists, environmental scientists, and technicians have completed groundwater and aquifer testing and monitoring routinely since 2007 in both West Virginia and Pennsylvania for large underground mining operations, as well as small supporting surface facilities. Currently, these activities and investigations are ongoing projects that require monthly activities since 2007 to assist with regulatory requirements for continuously ongoing underground operations. Alliance conducts investigations for large continuous permit tracts up to several thousand acres at a time for these underground mining operations on average 3 to 6 times a year, conducts approximately 100 aquifer tests per year on groundwater wells, and collects in excess of 1,000 monitoring events of groundwater wells, piezometers, monitoring wells, ponds, and/or stream locations each year. With these datasets, Alliance routinely conducts specific investigations of potential groundwater supply or surface water impacts from mining activities due to property owner complaints and/or regulator requests. These investigations vary from small private water supply systems to larger multi-property situations or surface water concerns and involve both water quantity and water quality concerns. On average, specific investigations are requested 2 or 3 times a month.

Data collection historically involves selecting monitoring network locations, installation of piezometers, and/or groundwater monitoring wells designed to monitoring shallow and/or known water bearing zones, conducting monitoring for water quantity through groundwater well pumping tests and water level measurements through seasonal variable times of year and/or during mining activities. Water quality samples are also routinely collected during these monitoring processes in accordance with applicable sampling protocols. These monitoring networks are utilized for determining Probable Hydrological

Consequences for mining related activities on groundwater and/or surface water; for compliance monitoring of groundwater and surface water systems during mining related activities; for conducting investigations of claims of potential mining related impacts to groundwater and/or surface water systems; and for providing resolution to groundwater and surface impacts in post-mining conditions.

If impacts have occurred, Alliance's staff work to implement replacement water supply systems through establishing new supplies, establishing water quality treatment measures for supply users, or implementing restoration measures for ponds and/or streams. Alliance historically will document findings through rebuttal letters and/or reports, as necessary. Ultimately, if impacts were found to have occurred to groundwater supplies, Alliance will assist our clients with recommendations for potential replacement water supplies to resolve and/or mitigate the impacts. These efforts often include selecting replacement well locations for drilling based on fracture trace analysis/lineaments, local structure and water bearing zones, and other known surrounding data points and/or features. Additionally, we will assist with drilling operations by monitoring progress and conditions and advising our clients on completion depths and well construction. After installation, Alliance generally conducts post installation well testing for water quantity and quality, recommends water system configurations and water quality treatment measures, and ultimately generates potential operation and maintenance costs comparisons for the replacement water supply systems.

NO

F. Is your firm experienced in Acid Mine Drainage Evaluation and Abatement Design?

YES Description and Number of Projects: Cazy Water Treatment System, Boone County, WV; Sweeneysburg Water Treatment System, Raleigh County, WV

NO

G. Is your firm experienced in construction oversight?

YES Description and Number of Projects: Alliance routinely performs construction oversight on a large variety of projects including AML projects and private coal refuse impoundments, landfill construction, stream restoration projects, and commercial developments. Alliance has performed this type of work on over 1,000 projects.

NO

13. PERSONAL HISTORY STATEMENT OF PRINCIPALS AND ASSOCIATES RESPONSIBLE FOR AML PROJECT DESIGN (Furnish complete data but keep to essentials)

NAME & TITLE (Last, First, Middle Int.) Hoffman, Braden A.	YEARS OF EXPERIENCE		
	YEARS OF AML DESIGN EXPERIENCE: 4	YEARS OF AML RELATED DESIGN EXPERIENCE: 24	YEARS OF DOMESTIC WATERLINE DESIGN EXPERIENCE: 3

Brief Explanation of Responsibilities

Mr. Hoffman is the Senior Vice President and responsible for the day-to-day operations of Alliance, as well as overall project management of AML related projects. Mr. Hoffman is a federally permitted bat biologist and Rosgen trained natural stream channel designer. Mr. Hoffman has a total of 24 years of environmental project management with him overseeing many of the projects from conception through construction and completion.

EDUCATION (Degree, Year, Specialization)
Environmental Services, 2001
Masters Business Administration, 2008

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS	REGISTRATION (Type, Year, State)

13. PERSONAL HISTORY STATEMENT OF PRINCIPALS AND ASSOCIATES RESPONSIBLE FOR AML PROJECT DESIGN (Furnish complete data but keep to essentials)

NAME & TITLE (Last, First, Middle Int.) Cox, Ryan P., PE	YEARS OF EXPERIENCE		
	YEARS OF AML DESIGN EXPERIENCE: 3	YEARS OF AML RELATED DESIGN EXPERIENCE: 13	YEARS OF DOMESTIC WATERLINE DESIGN EXPERIENCE:

Brief Explanation of Responsibilities

Responsible charge of preparing reports, specifications, calculations, design drawings, and certification of 10 coal refuse disposal facilities and abandonment and reclamation plans. Surface and underground permit design and review. Landfill design and construction. AML project designs, construction plans and specifications.

EDUCATION (Degree, Year, Specialization)
B.S. Civil Engineering, 2011
Air Force Technical Education 2002 - 2005

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS ASCE, ASDSO	REGISTRATION (Type, Year, State) P.E, 2016, WV Professional Engineer, West Virginia, Virginia, Pennsylvania, Ohio, Maryland, Illinois
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13. PERSONAL HISTORY STATEMENT OF PRINCIPALS AND ASSOCIATES RESPONSIBLE FOR AML PROJECT DESIGN (Furnish complete data but keep to essentials)

NAME & TITLE (Last, First, Middle Int.)	YEARS OF EXPERIENCE		
	YEARS OF AML DESIGN EXPERIENCE:	YEARS OF AML RELATED DESIGN EXPERIENCE:	YEARS OF DOMESTIC WATERLINE DESIGN EXPERIENCE:
Fama, Ronald L., PE	5	34	

Brief Explanation of Responsibilities

Responsible for the design of many coal refuse impoundments and embankments. Responsibilities include writing the design report and guideline technical specifications, performing the design calculations (surface/subsurface drainage, hydrologic/hydraulic analyses, slope stability analyses, etc.), and preparing the design drawings.

EDUCATION (Degree, Year, Specialization)
 B.S., Petroleum Engineering, 1984

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS	REGISTRATION (Type, Year, State)
	P.E, 2000, WV Professional Engineer West Virginia, Virginia, and Illinois

13. PERSONAL HISTORY STATEMENT OF PRINCIPALS AND ASSOCIATES RESPONSIBLE FOR AML PROJECT DESIGN (Furnish complete data but keep to essentials)

NAME & TITLE (Last, First, Middle Int.)	YEARS OF EXPERIENCE		
	YEARS OF AML DESIGN EXPERIENCE:	YEARS OF AML RELATED DESIGN EXPERIENCE:	YEARS OF DOMESTIC WATERLINE DESIGN EXPERIENCE:
Matherly, Brian W.	4	18	

Brief Explanation of Responsibilities

Prepare engineering design documents including report narratives, technical specifications, calculations, and drawings. Provide full and part-time construction monitoring and drilling supervision and sampling.

EDUCATION (Degree, Year, Specialization)
 Associates Degree, Civil-Surveying Technology, 1998
 BS, Engineering Technology with Civil Emphasis, 2000

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS	REGISTRATION (Type, Year, State)

13. PERSONAL HISTORY STATEMENT OF PRINCIPALS AND ASSOCIATES RESPONSIBLE FOR AML PROJECT DESIGN (Furnish complete data but keep to essentials)

NAME & TITLE (Last, First, Middle Int.) Irle, Charles D.	YEARS OF EXPERIENCE		
	YEARS OF AML DESIGN EXPERIENCE: 1	YEARS OF AML RELATED DESIGN EXPERIENCE: 0	YEARS OF DOMESTIC WATERLINE DESIGN EXPERIENCE: 0

Brief Explanation of Responsibilities

Prepare engineering design documents including report narratives, construction plans and specifications, and calculations. Manage employees providing construction oversight and geotechnical investigations.

EDUCATION (Degree, Year, Specialization)
Associates Degree, Drafting and Design Engineering Technology, 1988

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS	REGISTRATION (Type, Year, State)
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14. PROVIDE A LIST OF SOFTWARE AND EQUIPMENT AVAILABLE IN THE PRIMARY OFFICE WHICH WILL BE USED TO COMPLETE AML DESIGN SERVICES

- Drafting and design will be completed using AutoCAD with Carlson Civil (current editions), Civil 3D, and/or ArcGIS.
- Stability evaluations will be completed with STEDwin v 2.86.
- Drainage calculations and designs will be completed using SEDCAD 4, HEC-HMS, or HEC-GeoRAS as required by design.
- Various calculations will be completed using in-house calculations sheets through Microsoft Excel.
- Reports and specifications will be prepared using Microsoft Office products.
- Electronic files will be created using PDF software such as Bluebeam or Adobe.
- Imagery and database mapping and design will use Google Earth and ArcMap 10.3 or ArcGIS Pro, if required.
- Four high-volume copiers, three drawing plotters with 42-inch capacity, and a 40-inch drawing scanner will be used for reproduction, as required.
- Thirteen survey drones including fixed-wing and quad-copters for aerial imagery/surveying
- Drone processing using Pix4D, Global Mapper, QT Modeler
- Four Topcon and two Sokkia GPS and two Emlid Reach-3 surveying units, three total station survey units, ten handheld GPS mapping units, and one imaging station laser scanner for surveying, if required.

15. CURRENT ACTIVITIES ON WHICH YOUR FIRM IS THE DESIGNATED ENGINEER OF RECORD

PROJECT NAME, TYPE AND LOCATION	NAME AND ADDRESS OF OWNER	NATURE OF YOUR FIRM'S RESPONSIBILITY	ESTIMATED CONSTRUCTION COST	PERCENT COMPLETE
Refuse Disposal Area No. 3 (Impoundment)	Williamson Energy, LLC PO Box 99 Johnston City, IL 62951	MSHA design plan, SMCRA, ACOE, USFWS, EPA, Dam Safety permits	\$40,000,000	80%
East Refuse Disposal Area (Impoundment)	Sugar Camp Energy, LLC 11351 N. Thompsonville Dr Macedonia, IL 62491	SMCRA, ACOE, USFWS, EPA, Dam Safety permits,	\$25,000,000	90%
Hillsboro Refuse Disposal Area No. 2 Modification (Impoundment)	Hillsboro Energy, LLC 925 South Main Street Hillsboro, IL 62049	MSHA design plan, SMCRA, ACOE, USFWS, EPA, Dam Safety permits	\$30,000,000	75%
Black Bottom Drainage	WVDEP - Office of AML&R 601 57 th Street SE Charleston, WV 25304	Reclamation design, plans, specifications, construction permits	TBD	30%
Campbells Creek Drainage	WVDEP - Office of AML&R 601 57 th Street SE Charleston, WV 25304	Reclamation design, plans, specifications, construction permits	TBD	60%
Logan Airport UMF	WVDEP - Office of AML&R 601 57 th Street SE Charleston, WV 25304	Reclamation design, plans, specifications, construction permits	TBD	30%
Gun Range (Dials) Portals	WVDEP - Office of AML&R 601 57 th Street SE Charleston, WV 25304	Reclamation design, plans, specifications, construction permits	\$175,000	100% Construction Pending
Camp Chief Logan Portals	WVDEP - Office of AML&R 601 57 th Street SE Charleston, WV 25304	Reclamation design, plans, specifications, construction permits	TBD	25%
Big Creek Landslide	WVDEP - Office of AML&R 601 57 th Street SE Charleston, WV 25304	Reclamation design, plans, specifications, construction permits	\$325,000	95%
Blacksville Mitigation Bank	Blacksville Green Partners, LLC 5550 Newbury Street Suite B, Baltimore Maryland 21209	Stream and Wetland Mitigation Bank Design and Construction oversight	\$4,500,000	Design 100%, 25% Construction ongoing
Briery Creek Mitigation Bank	Virginia Wetland Consulting P.O. Box 206 Quinton, VA 23141	Stream and wetland mitigation design and construction plans	\$2,000,000	Design 100%, 25% Construction ongoing
Hughes Hollow Impoundment Abandonment	Monongalia County Coal Resources	MSHA design plan, SMCRA	\$1,250,000	95%

Upper Grave Creek Dams Subsidence Monitoring and Mitigation	Marshall County Coal Resources	Field monitoring as required	TBD	50%
Stonefly Run Mitigation Bank	HardRock Land Company, LLC, P.O. Box 397 Glenville, Wv	Stream and Wetland Mitigation Bank Design and Construction oversight	\$1,400,000	Design 100%, Construction Pending
TOTAL NUMBER OF PROJECTS: In the past five years Alliance has done over 2,500 projects, an average of over 500 projects a year.			TOTAL ESTIMATED CONSTRUCTION COSTS: Over \$ 110 Million	

17. COMPLETED WORK WITHIN LAST 5 YEARS ON WHICH YOUR FIRM WAS THE DESIGNATED ENGINEER OF RECORD				
PROJECT NAME, TYPE AND LOCATION	NAME AND ADDRESS OF OWNER	ESTIMATED CONSTRUCTION COST	YEAR	CONSTRUCTED (YES OR NO)
Ethel Hollow - AML Reclamation, Logan County, WV	WVDEP - Office of AML&R 601 57 th Street SE Charleston, WV 25304	\$611,000	2024-2025	Yes
Joe Branch Coal Refuse Embankment Coal Refuse Disposal Plan, Wyoming County, WV	Consol Mining Company LLC PO Box 279 Itmann, WV 24847	\$71,200	2020	No
Roaring Creek Coal Refuse Impoundment, Layout and Permitting, of New Coal Refuse Impoundment, Randolph County, WV	Roaring Creek Coal Company LLC 109 Appalachian Drive Beckley, WV 25801	Unknown	2019-2020	No
Robena Preparation Plant, Pond No. 4 Piezometer Elimination, Marion County, WV	Consol Energy 1000 Consol Energy Dr. Canonsburg, PA 15317	\$225,000	2020	Yes
Wyoming #2 Well Water Loss Project, Wyoming County, WV	Contura Energy 340 Martin Luther King Jr. Blvd. Bristol, Tennessee, 37620	\$115,000	2020	Yes
Robena Coal Refuse Disposal Area, Impoundment Eliminating Site Reclamation & Abandonment, Greene County, PA	Consol Mining, LLC 1000 Consol Energy Drive Canonsburg, PA	Unknown	2020	No
Gatling LLC Box Cut Reclamation, New Haven, Mason County, WV	Gatling LLC 209 Capitol Street Charleston, WV 25301	\$1,000,000	2023	Yes
Gatling LLC Complex Mine/Plant/Refuse Reclamation, New Haven, Mason County, WV	Gatling LLC 209 Capitol Street Charleston, WV 25301	\$2,000,000	2020	Yes
Gatling Ohio LLC Yellowbrush Refuse Area Reclamation Design/Construction, Meigs County, OH	Gatling LLC 209 Capitol Street Charleston, WV 25301	Unknown	2022	Yes
Oldhouse Branch Coal Refuse Impoundment Expansion Plan (Stages M and N), Logan County, WV	Ramaco Resources, LLC PO Box 219 Verner, WV 25650	Unknown	2021	Yes

Oldhouse Branch Coal Refuse Impoundment Expansion Plan (Stage O), Logan County, WV	Ramaco Resources, LLC PO Box 219 Verner, WV 25650	Unknown	2024	Yes
Easter Ridge Slurry Cell Embankment, McDowell County, WV	Extra Energy, Inc. 640 Clover Dew Dairy Road Princeton, WV 24740	Unknown	2022	Yes
Century Mining No. 1 Preparation Plant & Freshwater Impoundment, Layout, Design & Permitting as Prep Plant and Mining Operation is Constructed, Barbour County, WV	Century Mining, LLC 200 Chapel Brook Drive Bridgeport, WV 26330	Unknown	2022	Yes
Century Mining No. 1 Deep Mine, Deep Mine Site and Preparing New Mine Complex, Barbour County, WV	Century Mining, LLC 200 Chapel Brook Drive Bridgeport, WV 26330	Unknown	2020	Yes
Wash Run Slurry Impoundment Haulroad Layout, Design, and Permitting, Barbour County, WV	Century Mining, LLC 200 Chapel Brook Drive Bridgeport, WV 26330	Unknown	2021	Yes
Eckman No. 1 Combined Refuse Disposal Facility Revision, McDowell County, WV	Extra Energy, Inc. 640 Clover Dew Dairy Road Princeton, WV 24740	Unknown	2020	Yes
Lower Kittanning Seam Project, Fresh Water Impoundment, Barbour County, WV	Century Mining, LLC 200 Chapel Brook Drive Bridgeport, WV 26330	Unknown	2020	Yes
James Wallace Impoundment, Randolph County, WV	James W. Wallace 8232 Back Road Beverly, WV 26253	\$150,000	2021	Yes
Galatia Mine East/West and Bunkhouse Impoundment Abandonment and Reclamation, Design, and Permitting, Galatia, IL	Illinois Land Resources, Inc. 46226 National Road St. Clairsville, OH 43950	\$2,500,000		Ongoing
The American Coal Company Revised Reclamation Plan for Preparation Plant and Refuse Impoundments, Galatia, IL	Illinois Land Resources, Inc. 46226 National Road St. Clairsville, OH 43950	Unknown		Ongoing
Hamilton County Coal Refuse Disposal Facility No. 3 State Mine Reclamation Design and Permitting for 120-acre Coal Refuse Disposal Impoundment; Hamilton County, Illinois	Hamilton County Coal, LLC 121 S. Jackson Street, McLeansboro, IL 62859	\$6,900,000		Ongoing

<p>Sugar Camp Energy, LLC North Refuse Disposal Facility State Mine Reclamation Design and Permitting for 520-acre Coal Refuse Disposal Impoundment; Macedonia, Illinois</p>	<p>Sugar Camp Energy, LLC 11351 N. Thompsonville Dr Macedonia, IL 62491</p>	<p>\$18,000,000</p>		<p>Ongoing</p>
<p>Williamson Energy, LLC Pond Creek Mine Refuse Disposal Areas 1&2 State Mine Reclamation Design and Permitting for 472-acre Coal Refuse Disposal Impoundments; Johnston City, Illinois</p>	<p>Williamson Energy, LLC PO Box 99 Johnston City, IL 62951</p>	<p>\$12,000,000</p>		<p>Ongoing</p>
<p>Hayes Run 2 Mitigation Bank</p>	<p>WV Bunrootis, LLC, 3560 Lenox Road NE, Suite 1475 Atlanta, Georgia</p>	<p>\$4,500,000</p>	<p>2021</p>	<p>Yes</p>

18. COMPLETED WORK WITHIN LAST 5 YEARS ON WHICH YOUR FIRM HAS CONSTRUCTION OVERSIGHT ON PROJECTS

PROJECT NAME, TYPE AND LOCATION	NAME AND ADDRESS OF OWNER	ESTIMATED CONSTRUCTION COST OF YOUR FIRM'S PORTION	YEAR	CONSTRUCTED (YES OR NO)
Sugar Camp Energy, LLC North Refuse Disposal Facility Macedonia, Illinois	Sugar Camp Energy, LLC 11351 N. Thompsonville Dr Macedonia, IL 62491	\$300,000 (Annually)		Ongoing
Pond Creek Mine Refuse Disposal Areas 1&2 Johnston City, Illinois	Williamson Energy, LLC PO Box 99 Johnston City, IL 62951	\$300,000 (Annually)		Ongoing
Deer Run Mine Refuse Disposal Area No. 2	Hillsboro Energy, LLC 925 South Main Street Hillsboro, IL 62049	\$300,000 (Annually)		Ongoing
Hamilton County Coal Refuse Disposal Area No. 3	Hamilton County Coal, LLC 121 S. Jackson Street, McLeansboro, IL 62859	\$300,000 (Annually)		Ongoing
James Wallace Impoundment, Randolph County, WV	James W. Wallace 8232 Back Road Beverly, WV 26253	\$35,000	2021	Yes
Lake Stephens Dam Modification Surveyor, WV	Raleigh Co. Parks and Recreation Authority 1400 Lake Stephens Rd Surveyor, WV 25932	\$25,000	2020	Yes
Hayes Run 1 Mitigation Bank	WV Bunrootis, LLC, 3560 Lenox Road NE, Suite 1475 Atlanta, Georgia	\$2,400,000	2012	Yes
Spanishburg Mitigation Bank	WV Bunrootis, LLC, 3560 Lenox Road NE, Suite 1475 Atlanta, Georgia	\$4,200,000	2013	Yes
Kincheloe Mitigation Bank	WV Bunrootis, LLC, 3560 Lenox Road NE, Suite 1475 Atlanta, Georgia	\$4,500,000	2015	Yes
Bearallow Mitigation Bank	WV Bunrootis, LLC, 3560 Lenox Road NE, Suite 1475 Atlanta, Georgia	\$3,800,000	2017	Yes

19. COMPLETED WORK WITHIN LAST 5 YEARS ON WHICH YOUR FIRM HAS BEEN A SUB-CONSULTANT TO OTHER FIRMS (INDICATE PHASE OF WORK FOR WHICH YOUR FIRM WAS RESPONSIBLE)

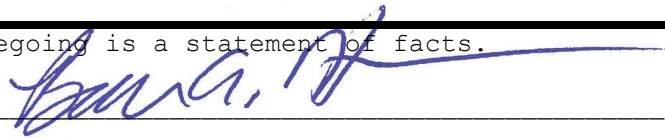
PROJECT NAME, TYPE AND LOCATION	NAME AND ADDRESS OF OWNER	ESTIMATED CONSTRUCTION COST OF YOUR FIRM'S PORTION	YEAR	CONSTRUCTED (YES OR NO)	FIRM ASSOCIATED WITH
TRC Engineers, Inc. Twin Branch Truss No. 2 for WVDOH, Crayfish Surveys and Biological Assessment	TRC Engineers, Inc.	\$27,300	Fall 2021	Yes	
Triton Construction, Beckley Widening WV Turnpike, QC, field and laboratory testing of soil, concrete, aggregate & asphalt	Triton Construction 4305 1 st Avenue Nitro, WV 25143	\$200,000	July 2021	Yes	
Specialty Group, Inc. Interstate Lighting, Concrete testing, drilling depth to rock verification	Specialty Group 550 Conner Dr. Charleston, WV 25302	\$7,500	June 2021	Yes	
Kanawha Stone, King Coal Highway, QC, field and laboratory testing of soil, concrete, aggregate & asphalt	Kanawha Stone PO Box 503 Nitro, WV 25143	\$400,000	July 2022	Yes	
Zayo Group, Broadband Fiber Install - Parkersburg to Virginia, Environmental Permitting and Special Use Permits	Zayo Group 1821 30 th Street Boulder, CO 80301	\$300,000	March 2021	Yes	
Environmental Permitting Hydraulic Evaluation	Brayman Construction 1000 John Roebling Way Saxonburg, PA 16056	\$125,000	January 2030	Yes	

20. Use this space to provide any additional information or description of resources supporting your firm's qualifications to perform work for the West Virginia Abandoned Mine Lands Program.

Alliance has a long history in WV within the coal mining and coal refuse industry. Our coal refuse engineering team has over 85 years of experience in refuse engineering and design and construction from clearing and grubbing to final reclamation. Alliance can and does routinely provide turnkey design and permitting and construction management and monitoring for our coal clients since our inception in 2001. Our history with the industry includes designing and mitigation for difficulties faced by the mining industry, such as subsidence planning and mitigation, landslide and slope failure evaluation and remediation, burning refuse abatement, environmental evaluation and closure of open portals, geotechnical evaluation of impoundments and valley fills, mine reclamation, and AMD treatment to name a few. Alliance is also uniquely positioned to provide stream restoration designs and oversight for AML Clogged stream, given our years of experience in stream and wetland design and construction oversight services.

20. The foregoing is a statement of facts.

Signature: _____



Title: Sr Vice-President/CFO

Date: August 20, 2025

Printed Name: Braden A. Hoffman

ATTACHMENT B
AML AND RELATED PROJECT EXPERIENCE MATRIX (RPEM)



ATTACHMENT C
RESUMES FOR KEY STAFF MEMBERS





Alliance Consulting, Inc.
Engineers • Constructors • Scientists

RYAN P. COX, P.E.

Senior Project Manager

Degrees Held

B.S. Civil Engineering, WVU Institute of Technology, Montgomery, WV, 2011
Air Force Technical Education 2002 – 2005

Professional Licenses and Registration:

Professional Engineer license obtained January 2016, State of West Virginia, Registration #21647, written test administered by NCEES, October 2015. Additional licenses in Pennsylvania and Illinois.

Fundamentals of Engineering (FE) Test Passed April 2011, State of West Virginia, Written test administered by NCEES

ACI Concrete Field Testing Technician I, 2005

Troxler Nuclear Density Gauge Safety Training 2000

Program Skills

Proficient working knowledge with AutoCAD including Carlson Civil Design, Microsoft Office products, PDF programs, SedCAD, StedWIN, HEC-HMS.

Experience using HEC-RAS, HY-8, Flowmaster, Autodesk Civil 3D, ALPS, ARMPS, ACPS, ALWS, GIS.

General Background

Focus of water resources/hydraulics/hydrology, geotechnical, coal mine refuse disposal design and permitting, earthen dam compliance design and permitting, solid waste landfill design and permitting, abandoned mine lands reclamation permitting and construction, commercial and residential development, construction management, project management.

Responsible charge of design, calculations, reports, technical specifications, review, and design/construction drawings of projects.

Provide technical support and assistance to clients, construction project managers, and contractors regarding design and specification requirements from beginning design, bid process, and throughout construction.

Beckley, WV
Raleigh County Airport Industrial Park - 124 Philpott Lane
Beaver, WV 25813-9502
Telephone: (304) 255-0491

Professional Experience

2008-Present: Senior Project Manager for Alliance Consulting, Inc., Beaver, West Virginia

Manage design to coordinate permitting activity between multiple regulatory review agencies to meet required design standards while meeting client concerns for construction and budget constraints. Serve as point of contact between clients and regulatory agencies for approval of design to address technical concerns for regulatory and project requirements.

Prepare project construction design, calculations, drawings, specifications, and quality assurance/quality control plans, and bid documents for projects after completing necessary permit approvals. Conduct or provide engineering support for construction bid meetings, review contractor bids, and provide recommendations for bid awards. Coordinate construction activities between project owners and contractors. Process survey files and verify materials quantities and receipts to verify payment to contractors for construction projects.

Simultaneously tracked application approval status, construction timing, and future construction planning for seven coal refuse disposal dams, and three support facilities located in southern IL to provide weekly status reports for clients.

Create project reports, specifications, design calculations and drawings for five coal refuse disposal dams with multiple stages of construction. Designs include construction stages involving downstream, centerline, and upstream construction techniques to provide mine waste disposal for more than 40 years of combined coal mine production. Disposal dams ranged from approximately 80 to more than 250 acres.

Responsible charge for permit and construction drawings, design, and calculations, and assisted with construction quantities and estimates for construction bid packages for two industry unique landfill projects valued at more than \$300 million. Provided designs for staged construction for a facility lifespan over 20 years each and cover more than 250 acres. Reviewed daily construction logs, field and laboratory test data, and processed survey files to determine construction requirements were met, and prepared certification documents for approval. Made regular field reviews of construction to ensure material system components were installed in accordance with plans and specifications.

Conducted field investigations of various dams for review of compliance with State and Federal Regulations and certification in accordance with plans and specifications. Provide clients with recommendations to make repairs or maintenance adjustments if necessary. Projects have covered all areas of WV, and several dams located in southern IL.

Designed more than 15 various small onsite wastewater treatment facilities for coal mine bathhouses across WV.

Provide consulting services for earthwork contractors for projects such as road repair, site development, active and abandoned mine land reclamation, dam construction, haul road and



access road construction, stormwater management, and coordination for utility relocation or interruption.

Prepared construction drawings and bid estimates for multi-family residential development which included structure and utility layout, site grading and storm water runoff control in Raleigh County, WV.

2005 - 2008: CAD Technician/Designer, Malpass Design Group, LLC, Las Vegas, NV

Responsible for all drafting for design and construction drawings as sole draftsman for a small land development design firm company for two years prior to company expansion on more than 20 projects.

Recommended and trained new draftsmen on design standards when expanding company employment needs.

Lead small site location/elevation surveying duties necessary for site development design information and maintained necessary survey field notes.

2002-2005: Engineering Assistant, United States Air Force, Nellis Air Force Base, Las Vegas, NV

Conducted site surveying and reconnaissance for construction projects, construction surveying, and field and laboratory testing for more than 10 projects in a 3-year period.

Performed field and laboratory materials testing to ensure various material properties met required specifications.

Trained incoming personnel on surveying, materials testing, and drafting techniques.

Responsible for maintaining readiness of over \$500k of engineering equipment dedicated for rapid worldwide deployment use.

Maintained building and asset location maps for building and utility systems of on base infrastructure and conducted as-built surveys and measurements of buildings to reproduce floor plans and locate all base structures to update and maintain base mapping records.

Spearheaded effort to produce three-dimensional drawing data for all on base utility systems, and responsible for locating and updating mapping of jet propulsion (JP-8) liquid fuels infrastructure.

1998-2001: Lab and Field Technician, Alliance Consulting Inc., Beaver, WV

Conducted laboratory soil and concrete testing analyses.

Performed various field duties to include surveying rodman, field technician, stream flow measurements, and concrete field testing.





Alliance Consulting, Inc.
Engineers • Constructors • Scientists

BRADEN A. HOFFMAN

Senior Vice President/CFO - Senior Project Manager

Degrees Held

B.S. Environmental Science, Minor in Political Science, Allegheny College, Meadville, PA, 2001

Masters of Business Administration, West Virginia University, Morgantown, WV, 2008

Professional Licenses and Registration:

West Virginia Scientific Collection Permit for Collection of Endangered Bat Species, as well as Fish and Benthic Macroinvertebrates

40-Hour Hazardous Waste Site Worker # HW -01-11104

Hazardous Waste Site Worker 8-Hour Annual Re-certification #23487

Confined Space Safety Training #23476

Federally Licensed Endangered Species Collection Permit #TE98296A2

Previously Held Licenses:

2 Hour Anthrax Awareness Training #2AA-01-1133

40-Hour EPA AHERA Supervisor # MD 056008

40-Hour Lead Inspector/Risk Assessor # 30219

2-Hour Anthrax Awareness Training # 2AA-01-1133

Asbestos Building Inspector #PTA03-13-10559

Virginia 16-Hour Asbestos Project Monitor # 130370

Virginia Project Monitor #3309 001117

West Virginia 16-Hour Clearance Air Monitor # 130676

West Virginia Air Clearance Monitor # AA00981

West Virginia Lead Inspector Technician # PI0001000

West Virginia Lead Risk Assessor

West Virginia Asbestos Building Inspector #AI002357

Maryland Lead Inspector Technician # 5989

Ohio Lead Risk Assessor #OH-006302

Pennsylvania Lead Risk Assessor

40-Hour Collecting and Analyzing Asbestos Air Samples (NIOSH 582 Equivalency) #CA02008

Beckley, WV
Raleigh County Airport Industrial Park - 124 Philpott Lane
Beaver, WV 25813-9502
Telephone: (304) 255-0491

Additional Training:

Basic Wetland Delineation/Problem Areas and A-typical Situations Course

Army Corps of Engineers -2001

40 Hour Wetland Delineation Training – 2005 Richard Chinn Environmental Training

West Virginia Wetland Rapid Assessment Method (WVWRAM) 2019

Midwestern Regional Supplement Training for Wetland Delineators

Eastern Mountain and Piedmont Regional Supplement for Wetland Delineators

SWPPP preparation and NPDES Compliance -International Erosion Control Association –
2009

Conservation Banking Webinar – The Conservation Fund - 2020

- 1) The Market and Regulatory Drivers for Conservation Banking
- 2) Banking Perspectives
- 3) Setting the stage for Success
- 4) Operations and management of Banks
- 5) Service Area and Credit Determination
- 6) Long-Term Management and Stewardship
- 7) Alternatives to Banking (Part I)
- 8) Alternatives to Banking (Part II)

West Virginia Anti-Degradation and 401 Water Quality Workshop

West Virginia University Professional Workshop

Introduction to Stream Functions and Processes (Course 1)

Methods for Stream Assessment and Analyses (Course 2)

Introduction to Natural Stream Design (Course 3)

Advanced Natural Stream Design (Course 4)

Wildland Hydrology Courses

Level I – Applied Fluvial Geomorphology

Level II – River Morphology and Applications

Level III – River Assessment and Monitoring

Level IV – River Restoration and Natural Channel Design

OSHA – 30 Hour

General Background:

June 2002 – Present: Senior Project Manager, Alliance Consulting Inc., Beckley, West Virginia

In this position, Mr. Hoffman is responsible for project management, as well as sampling protocol design and implementation. This includes performing environmental testing and sampling (i.e. benthic macroinvertebrate, fisheries, threatened and endangered species, water quality), limited geological and hydrological characterization, environmental site assessments, stream and wetland delineations. Mr. Hoffman has completed over 200



environmental permits on the state and federal levels (Stage 401 Water Quality, Army Corps of Engineer, NPDES Article 11, Coal Mining Applications, Article 3 and 4), including the ecological data collection associated with them, as well as project coordination. Most projects included stream/wetland delineations and many included mitigation plan design and implementation. During his time at Alliance, Mr. Hoffman has assisted in the writing of three Biological Assessments and over 40 Protection and Enhancement Plans for the Indiana Bat as part of the permit process.

For the last 19 years, Mr. Hoffman has served as a project manager over a wide variety of projects ranging from commercial development to large scale coal and gas operations. Additionally, Mr. Hoffman is currently managing 8 stream and wetland mitigation banks within West Virginia, Virginia and one within Illinois. Services provided with these mitigation banks include baseline ecological survey (including T/E species and stream/wetland delineation), mitigation bank design, construction oversight, and contract and contractor management, as well as post construction monitoring. Clean Water Act permits include projects ranging from small commercial developments to 30+ mile gas and water lines under the nationwide permit and individual permit process.

July 2001 – June 2002: Environmental Technician, Boggs Environmental Consultants Inc., Frederick, Maryland

Mr. Hoffman performed hazardous material inspections/surveys, employee exposure monitoring, environmental site assessments, remedial action inspection/oversight, and remedial action environmental testing (i.e. soil, air, water).

Jan. 2001 – May 2001: Internship, Crawford County Conservation District, Meadville, Pennsylvania

During his internship, Mr. Hoffman worked on programs dealing with erosion and sediment control, water quality monitoring, watershed assessment and land use planning, as well as farm conservation planning.

Fall 2000 – May 2001: Field Researcher, Allegheny College Biology and Environmental Science Departments, Meadville, Pennsylvania

Mr. Hoffman assisted professors and students with their laboratory/field experiments and data collection involving, terrestrial ecology sampling, black light sampling, macroinvertebrate sampling, electro-fishing surveys, wetland species identification and collection.

Summer 2000 – 2001: Laboratory Technician, Allegheny College Environmental Science Department, Meadville, Pennsylvania

As a laboratory technician, Mr. Hoffman maintained and monitored projects at the Bousson Experimental Outdoor Laboratory involving aquatic biology and terrestrial ecology sampling.



Summer 2000: Forestry Assistant Internship, University of Fairbanks Forestry Department, Fairbanks, Alaska

Mr. Hoffman spent seven weeks working with a multi-national group of foresters in the Alaskan back country completing a forest growth and yield study in association with the Forestry Department, University of Fairbanks. The study involved extensive soil sampling and vegetation identification.

Summer 1998 and 1999: West Virginia Department of Highways, Lost Creek and Goshen Road, West Virginia

During his summer employment, Mr. Hoffman performed maintenance and upkeep of Interstate 79 in a high-risk, stressful environment.





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ASA DICK

Project Surveyor

Degrees Held

Studied Natural Resource Management: Land Surveying Technology (Bachelor's of Science), Land Surveying Technology (Associates of Science) Glenville State University, Glenville, WV (2018-2022)

Civil Engineering & Survey Technology, Idaho State University, Pocatello, ID (2021-Current)

Certifications

- Licensed Professional Surveyor

General Background:

March 2025-Present: Project Surveyor for Alliance Consulting, Inc., Beaver, WV

Under the employment of Alliance Consulting, Inc., Mr. Dick and conducts various survey projects and administrative services in concert with our engineering, scientific, and environmental teams.

12/2024 – 02/2025: Natural Resource Specialist, USDA – NRCS

Mr. Dick worked in Monroe County with farmers and producers in implementing conservation practices on private lands through federal contracts such as EQIP, AMA, CSP, and ECTs. Performed surveys using Topcon GR-3 GPS equipment for well and livestock watering trough designs under drought recovery efforts through ECP contracts.

06/2022 – 12/2024: Crew Chief, Allegheny Surveys Inc.

Performed various aspects of boundary and construction surveys under the supervision of a Licensed West Virginian Professional Land Surveyor. Led survey crews in the completion of tasks and was an integral part of the many steps of boundary projects from research through final plat completion. Specific experience includes U.S. Army Corp. of Engineers 202 Surveys in Dickinson Co. and Buchannon Co. VA, mapping grade boundary location for EQT horizontal well lease permitting, construction layout for the Jackson General Hospital in Ripley, WV, the Greenbrier Valley Airport, and the Glade Creek School Mass Grading Project and building layout, performed 3D scan jobs for well pads, the WV Children's Home in Elkins and the WV Secondary School for the Deaf in Romney, re-established corners and marked boundary for the USDA in the Monongahela National Forest, and completed boundary surveys for both private landowners and corporations in various central and southern WV counties.

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05/2020 – 08/2021: Survey Technician GS-4, United States Army Corp of Engineers – Huntington District

Utilized Trimble GPS, Total Station, and leveling equipment to complete boundary, instrumentation, and easement surveys throughout the country and in often adverse and extreme terrain and weather. Traveled extensively and gained experience in dealing with landowners, the public, and various state standards. Gained familiarity in the Public Land Survey System and in using Civil 3D to plot deeds and create Record of Surveys. Jobs included an extensive boundary survey around Fishtrap Lake in Pikeville, Kentucky, dam instrumentations in Cochiti and Roswell, New Mexico, encroachment/boundary surveys at Mohawk Dam, Ohio, and Pine Flatts Lake, California, and an easement location survey along the Stanislaus River in California. Gained understanding of federal government procedures, contracting, and private sector relations.

05/2019 – 08/2019: Survey Crew Intern, WV Division of Highways District 9

Gained experience in road, construction/easement stakeout, and cross-sectional surveys. Assisted with boundary location and marking.

06/2018 – 08/2018: Farm Hand, Stony Meadow Farms, LLC

Assisted with farm maintenance and daily cattle operations.

04/2017 – 06/2017: Sales Assistant, F&F Farm and Garden

Watered plants and worked with customers.

04/2016 – 08/2018: Tour Guide, Organ Cave Inc.

Led commercial and wild tours through miles of cavern passages while conveying historical and geological information to visitors.





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RONALD L. FAMA, P.E.

Senior Project Manager

Degrees Held:

B.S., Petroleum Engineering, Marietta College of Ohio, 1984

Certifications/Training:

Professional Engineer, West Virginia, Virginia, Kentucky, and Illinois

General Background:

August 1988 to Present: Senior Project Manager, Alliance Consulting, Inc. (formerly Almes & Associates, Inc., Consulting Engineers), Beckley, West Virginia.

Mr. Fama has worked on a variety of engineering, construction monitoring and field and laboratory testing projects. Mr. Fama's responsibilities have included performing a variety of soil and aggregate field and laboratory tests, such as sieve analysis, Atterberg limits, specific gravity, Standard Proctor, permeability, and related geotechnical laboratory tests. Mr. Fama has also provided compression testing for concrete cylinders. Mr. Fama's field experience has included construction monitoring and drilling supervision. Mr. Fama has also worked on many projects relating to design, permitting, construction and certification of coal refuse disposal dams and embankments.

Relevant Project Experience:

1. Annual Certification Reports, Various Coal Refuse Impoundments

Mr. Fama was responsible for report preparation describing changes to the embankment configuration, fine coal refuse slurry level, storage capacity, instrumentation, and any other aspects of the impounding structure potentially affecting the stability of the facility. Mr. Fama was also responsible for preparing the necessary drawing(s) required for the certification report.

2. Design of Oldhouse Branch Coal Refuse Impoundment, Logan County, West Virginia Client: Ramaco Resources, LLC

Mr. Fama prepared multiple expansion plans to extend the disposal life of an existing coal refuse disposal facility. The plans consisted of the design of additional embankment stages to be constructed using upstream construction techniques. Mr. Fama was responsible for performing the design calculations, writing the narrative report and guideline technical

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specifications, and preparing the design drawings and necessary permit revision documents for submittal to the regulatory authorities.

3. Coal Refuse Disposal Plan, Proposed Joe Branch Coal Refuse Embankment, Wyoming County, West Virginia

Client: Consol Mining Company, LLC

Mr. Fama prepared a plan for the construction of a coal refuse embankment to be constructed on an existing capped coal refuse impoundment. Mr. Fama was responsible for preparing the design calculations, writing the narrative report and guideline technical specifications, and preparing the design drawings.

4. Design of Coal Refuse Slurry Cell Embankment, Proposed Slab Fork Coal Refuse Facility, Logan County, West Virginia

Client: Apogee Coal Company

Mr. Fama prepared a plan for the construction of a coal refuse slurry cell embankment to be constructed on an existing surface mine valley fill. The plan provided approximately 21 million cubic yards of coarse and fine coal refuse disposal capacity. Mr. Fama was responsible for preparing the design calculations, writing the narrative report and guideline technical specifications, and preparing the design drawings.

5. Design of Rocklick Branch Coal Refuse Disposal Facility, Boone County, West Virginia

Client: Eastern Associated Coal Corp.

Mr. Fama prepared an expansion plan to extend the disposal life of an existing coal refuse disposal facility. The plan was designed to provide for the disposal of 9 years of coarse and fine coal refuse by constructing two embankment stages. Mr. Fama was responsible for performing the design calculations, writing the narrative report and guideline technical specifications, and preparing the design drawings. Mr. Fama's responsibilities also included preparing the necessary permit revision documents for submittal to the West Virginia Department of Environmental Protection.

6. Design of Wallace Cabin Branch Impoundment, Wyoming County, West Virginia

Client: Kepler Processing Company, LLC

Mr. Fama prepared a plan to extend the disposal capacity of an existing high hazard facility. The plan was designed to provide for the disposal of 11.5 years of coarse and fine coal refuse by constructing two embankment stages. Mr. Fama's responsibilities included performing design calculations, preparing the design drawings, writing the engineering narrative report and guideline technical specifications, and preparing the necessary permit revision documents for submittal to the West Virginia Department of Environmental Protection.



7. Design of Sugarcamp Branch Coal Refuse Disposal Facility, Nicholas County, West Virginia

Client: Power Mountain Coal Company

Mr. Fama prepared a disposal plan for the construction of a high hazard coal refuse impounding embankment. The plan was designed to provide for the disposal of 29 years of coarse and fine coal refuse by constructing five embankment stages. Mr. Fama was responsible for performing the design calculations including surface and subsurface drainage, decant pipe design, and slope stability analyses. He was also responsible for writing the narrative report and guideline technical specifications and preparing the design drawings.

8. Permit Modification for the Tolliver Branch Coal Refuse Disposal Facility, Mercer County, West Virginia

Client: Consolidation Coal Company

Mr. Fama prepared a permit revision application for the abandonment of an existing coal refuse disposal facility. Mr. Fama was responsible for developing a grading plan to eliminate the impounding capability of the existing facility and performing the surface drainage calculations and slope stability analyses for the final abandonment configuration. He was also responsible for writing the narrative report and preparing the necessary design drawings and permit revision documents.

9. Harvey Run I Coal Refuse Slurry Impoundment, Monongalia County, West Virginia

Client: Consolidation Coal Company

Mr. Fama prepared an Incidental Boundary Revision application to extend the disposal life of an existing coal refuse disposal facility. Mr. Fama was responsible for performing the design calculations, writing the narrative report, guideline technical specifications, and preparing the associated design drawings. Mr. Fama was also responsible for preparing the necessary permit revision documents.

10. Design of Oldhouse Branch Impoundment No. 03 Coal Refuse Disposal Facility, Emmett, Logan County, West Virginia

Client: Island Creek Coal Company

Mr. Fama prepared a coal refuse disposal expansion plan to extend the disposal life of an existing coal refuse disposal facility. The plan was designed to provide for the disposal of 8 years of coarse and fine coal refuse by constructing four embankment stages. Mr. Fama was responsible for performing the engineering analyses including the staging calculations, surface and internal drainage calculations, emergency spillway and decant pipe design and slope stability. He was also responsible for writing the narrative report and guideline technical specifications and preparing the design drawings.



11. Design of Jarrell Branch Coal Refuse Disposal Facility, Wharton, Boone County, West Virginia

Client: Eastern Associated Coal Corp.

Mr. Fama prepared a coal refuse disposal expansion plan to extend the disposal life of an existing coal refuse disposal facility. The plan was designed to provide for the disposal of 5.7 years of coarse and fine coal refuse by constructing three embankment stages. Mr. Fama was responsible for performing the design calculations, writing the narrative report and guideline technical specifications, and preparing the design drawings. Mr. Fama was also responsible for preparing the necessary permit revision documents for submittal to the West Virginia Division of Environmental Protection.

12. Design of Two Soil and Rock Impounding Embankments, Mingo County, West Virginia

Client: Consol of Kentucky Inc.

Mr. Fama performed engineering services pertaining to the design of two high hazard soil and rock impounding embankments. The approximate 60-foot high embankments, to be used to provide sediment control for a nearby surface mine project, were designed to serve as fresh water dams upon completion of the mining operations. Mr. Fama served as Project Engineer and was responsible for performing the design calculations including emergency spillway design and slope stability analyses. Mr. Fama was also responsible for writing the report narrative and guideline technical specifications and preparing the design drawings.

13. Design of Lots Branch Coal Refuse Disposal Facility, Prenter, West Virginia

Client: Pine Ridge Coal Company

Mr. Fama prepared a coal refuse disposal expansion plan to extend the disposal life of an existing high-hazard facility. The plan was designed to provide for the disposal of 7.7 years of coarse and fine coal refuse by constructing six embankment stages. Mr. Fama was responsible for performing the majority of the design calculations, including the staging calculations, surface and internal drainage calculations, and slope stability analyses. He was also responsible for writing the narrative report and guideline technical specifications and preparing the design drawings.

14. Monitoring and Emergency Action Plan and Procedures, Chess Processing Coal Refuse Disposal Area No. 1, Boone County, West Virginia

Client: Elk Run Coal Company

Mr. Fama prepared a Monitoring and Emergency Action Plan and Procedures report for an existing coal refuse disposal facility. The purpose of the report was to provide the appropriate regulatory authorities the procedures that would be followed for the orderly evacuation of downstream residents to a place of safety in the event of a potential dam failure. Mr. Fama was responsible for determining the limits of the evacuation area by performing a dam break analysis as well as writing the monitoring and emergency action



plan and procedures. Mr. Fama was also responsible for preparing a map showing the limits of evacuation and location of roadblocks and evacuation centers.

15. Dam Break Analysis, Superior Coal Refuse Disposal Facility, McDowell County, West Virginia

Client: Cannelton Industries, Inc.

Mr. Fama performed a dam break analysis for an existing coal refuse disposal facility using the computer program SMPDBK (Simplified Dam Break), developed by the National Weather Service, to determine the area that would be affected in the event of a dam breach. In addition to performing the analysis, Mr. Fama was responsible for writing a narrative report describing the results and preparing a drawing showing the limits of the flood area.

16. Design of Little Camp Branch Coal Refuse Disposal Facility, Bell County, Kentucky

Client: Crockett Collieries, Inc.

Mr. Fama developed a 9.2-year expansion plan for an existing coal refuse disposal facility. Mr. Fama was responsible for performing the design calculations, including the staging calculations, surface and internal drainage calculations and slope stability. Mr. Fama was also responsible for preparing the design drawings and writing the narrative report and guideline technical specifications.

17. Design of Road Fork Coal Refuse Slurry Disposal Facility, Madison, West Virginia

Client: Omar Mining Company

Mr. Fama designed a coal refuse disposal expansion plan to extend the disposal life of an existing high-hazard facility. The plan provided for the disposal of 5.5 years of coarse coal refuse and 16 years of fine coal refuse. Mr. Fama performed the design calculations, including the staging calculations, surface and internal drainage calculations, decant pipe design, and slope stability analyses. He was also responsible for writing the narrative report and guideline technical specifications and preparing the design drawings. Due to the height of cover which would ultimately be placed over the proposed decant pipe, a deflection monitoring program was developed to evaluate the performance of the pipe under various embankment loads.

18. Design of Upper Mill Branch Coal Refuse Disposal Facility, Kopperston, West Virginia

Client: Eastern Associated Coal Corporation

Mr. Fama was responsible for an 8.5-year expansion plan for an existing coal refuse disposal facility. Mr. Fama performed the staging calculations, surface and internal drainage calculations, and stability analyses. He was also responsible for writing the narrative report and guideline technical specifications. A detailed liquefaction evaluation based on field, laboratory, and analytical data is currently being performed to determine the susceptibility of the final proposed embankment to a liquefaction failure.



19. Design of Lower Big Branch Coal Refuse Disposal Facility, Montcoal, West Virginia
Client: Peabody Coal Company

Mr. Fama developed a 7.5-year expansion plan for an existing high-hazard coal refuse disposal facility. Mr. Fama was responsible for the staging calculations, storm routing calculations, surface drainage calculations, stability analyses and the report narrative.

20. Design of Big Lick Coal Refuse Disposal Embankment (Harris Mine), Bald Knob, West Virginia
Client: Eastern Associated Coal Corporation

Mr. Fama designed a 22-year expansion plan for an existing coal refuse embankment. The design converted an existing side-hill fill to a valley-fill embankment. Mr. Fama was responsible for the staging calculations, underdrain design, surface drainage calculations and stability analyses. He was also responsible for writing the narrative report and guideline technical specifications.

21. Drilling Program for a New Coal Refuse Disposal Embankment, Kite, Kentucky
Client: Knott County Coal Company

Mr. Fama provided supervision of five holes. The program was designed to obtain subsurface data to be used in stability analyses for the proposed coal refuse embankment. Mr. Fama's responsibilities have included logging soil and core samples.

22. Construction Monitoring for Spillway Extension at Lower Big Branch Coal Refuse Disposal Facility, Montcoal, West Virginia
Client: Peabody Coal Company

Mr. Fama provided construction monitoring for the extension of an existing spillway. The spillway was extended by placing compacted lifts of coarse coal refuse in the existing spillway. A rock underdrain was installed under the new spillway. Mr. Fama's responsibilities included insuring proper installation of the underdrain and performing in-place density tests, using the nuclear gauge, to document that the placement of coal refuse met compaction specifications. He provided reports containing daily logs, compaction results and site sketches for each visit.

23. Design of Impounding Coal Refuse Disposal Facility (Spruce Fork), Naugatuck, West Virginia
Client: Marrowbone Development Company

Mr. Fama performed work on a 30-year plan for a proposed coal refuse impoundment site. Mr. Fama's responsibilities included staging calculations, stability analyses, pipe flow and storm evacuation calculations and surface drainage calculations. He was also responsible for writing parts of the narrative report and guideline technical specifications.



24. Installation of Water Monitoring Wells for the Red Ash Coal Sales and Virginia Crews Facilities, Jaeger, West Virginia

Client: Virginia Crews Coal Company

Mr. Fama provided drilling supervision for water monitoring wells at various locations on the coal refuse embankments. His responsibilities included logging of coal refuse samples and supervision of the installation of piezometers.

25. Drilling Program for a New Coal Refuse Impoundment Site (Spruce Fork), Naugatuck, West Virginia

Client: Marrowbone Development Company

Mr. Fama provided drilling supervision of 14 holes. The program was designed to obtain subsurface data to be used in stability analyses for the proposed coal refuse impoundment. Some of the holes, located near the proposed crest of the dam, were pressure tested to determine the permeability of the underlying rock. Mr. Fama's responsibilities included logging soil and core samples and preparing cross-sections correlating the subsurface data. Mr. Fama has also been responsible for the supervision of the pressure testing. He determined which areas needed to be pressure tested by examining the core samples and calculated the permeability values for each tested area.

26. Construction Monitoring for the Millstone Coal Refuse Disposal Facility, Sydney, Kentucky

Client: Utility Coals Company

Mr. Fama provided construction monitoring for the coal refuse dam and embankment. He was responsible for providing recommendations and establishing density testing to document that construction met specifications. Mr. Fama was also responsible for providing reports containing daily logs, site sketches and compaction results of each visit.

27. Construction Monitoring for the Aldrich Branch Coal Refuse Disposal Facility, Naugatuck, West Virginia

Client: Marrowbone Development Company

Mr. Fama provided construction monitoring for the coal refuse dam and embankment. He was responsible for providing recommendations and establishing density testing to document that construction met specifications. Mr. Fama was also responsible for providing reports containing daily logs, site sketches and compaction results of each visit.

28. Construction Monitoring for the Summersville Junior High School, Summersville, West Virginia

Client: Nichols Construction

Mr. Fama provided construction monitoring for site grading operations. He was responsible for in-place density testing of structural fill, settlement monitoring and reporting of results.



29. Coal Refuse Characterization for the East Gulf and Tralee Coal Refuse Sites, Rhodell and Mullens, West Virginia

Client: M.A.E. Services, Inc.

Mr. Fama evaluated two potential coal refuse embankments for use as a fuel source for potential cogeneration facilities. The program was designed to develop sufficient information to determine the overall feasibility of utilizing the coal refuse for power generation. Mr. Fama has provided supervision for drilling and test pit excavations. Mr. Fama's responsibilities included the logging and bagging of coal refuse samples for quality testing, performing density measurements of the split-spoon samples and conducting field density tests, using a nuclear gauge in the test pit areas. Mr. Fama also performed sieve analyses for selected samples in the laboratory.

30. Design of River Fork Coal Refuse Disposal Facility, Montcoal, West Virginia

Client: Peabody Coal Company

Mr. Fama worked on a 10-year expansion plan and a 20-year conceptual plan for an existing coal refuse impoundment. Mr. Fama was responsible for the staging calculations, surface drainage facilities and stability analyses.

31. Installation of Water Monitoring Wells for the Millstone Coal Refuse Disposal Facility, Sydney, Kentucky

Client: Utility Coals Company

Mr. Fama provided drilling supervision for three water monitoring wells at various locations in the coal refuse embankment. His responsibilities included the logging of coal refuse samples and supervision of piezometer installation.





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JUSTIN D. FARRISH

Survey Party Chief

Degrees Held

Studied Civil Engineering, Central Piedmont Community College, Charlotte, NC
(2003-2005)

Civil Engineering & Survey Technology, Idaho State University, Pocatello, ID
(2021-Current)

Certifications

- Licensed Drone Pilot FAA PART 107

General Background:

2008-Present: Survey Party Chief for Alliance Consulting, Inc., Beaver, WV

Under the employment of Alliance Consulting, Inc., Mr. Farrish manages and conducts various survey projects and administrative services in concert with our engineering, scientific, and environmental teams. He facilitates communication and ensures delivery to customers and regulatory agencies in a cost-effective and responsive manner.

- Manages survey schedules with clients and affected internal teams via reports, meetings, email, and phone.
- Prepares bids including meeting with clients to identify requirements, costs, and setting up field accommodations for out-of-town projects.
- Manages and maintains all survey equipment, ensuring maintenance, parts inventory, and technology are mission ready per project requirements.
- Organizes field data and distributes to appropriate project files to record all transactions, communications, and ensures compliance with all regulatory bodies.
- Selected to lead drone technology in 2014 including organizing customer demos, pre and post flight checks, setup, and monitoring drone flights.
- Creating finished products from drone flights with various softwares; PIX4D, Global Mapper, AutoCad, & Carlson. Completing various mapping styles like topographic surveys, volumes, and point clouds.
- Has excellent knowledge of GPS surveys from RTK, static control over large areas and linear projects, from planning to completion of the values.
- Proficient in scanning with laser technology from Imaging Total Stations.
- Robotic Instruments
- Proficient with Topcon
- Proficient with Pix4D, global mapper, taking field information point cloud data sets and using that info to create design surfaces.

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2003-2008: Survey Party Chief for Don Allen and Associates, Mooresville, NC

Mr. Farrish performed residential and commercial surveys for this well-established land survey, engineering company in the Lake Norman area.

- Hired as a rodman, quickly promoted to party chief. Maintained equipment.
- Selected to learn and implement new technology in robotic surveying.
- Conducted surveys and stakeouts for residential and commercial clients.

2002-2003: Lawn Tech for Aspen Corporation, Daniels, WV

Mr. Farrish maintained lawns mowing and edging, as well as weeding and feeding flower beds.





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ROBERT E. FERRELL II

Project Scientist

Degrees Held:

Bachelor of Arts Degree - King College

Certifications:

Rosgen Levels I, II, III & IV Certifications - Rosgen Wildland Hydrology

Stream Processes & Channel Design, Levels II, III, & IV Certifications - West Virginia University

General Background:

2012 to Present: Project Scientist, Alliance Consulting, Inc., Beckley, West Virginia.

Work with Alliance employees, government agencies, and private entities to perform duties related to environmental responsibilities.

- Natural Channel Design for various mitigation projects including a multiple site mitigation bank. Involvement encompasses the following areas:
 - Site and channel assessment
 - Channel analysis
 - Channel design
 - Permitting
 - Construction management
 - Monitoring

2003 - 2012: Watershed Technician Design Specialist, State of WV – Conservation Agency, Oak Hill, West Virginia.

Mr. Ferrell worked with Conservation Agency employees in stream restoration, flood recovery, and landowner stream access permits.

- Survey, design, and project management of natural stream restoration, stream enhancement, habitat enhancement, and bank stabilization projects.
- Oversight of contractors in stream restoration, stream enhancement, habitat enhancement, and bank stabilization projects.
- Successfully developed and acquired permits from necessary agencies for stream restoration projects.

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- Provide assistance in developing stream management plans on request for landowner stream access permit applications.
- Involved in developing contracts, job showings, and bid openings.
- Present educational material dealing with conservation, stream restoration, and stream processes to individuals, landowners, watershed groups, and schools.
- Work with private entities and government agencies on mitigation projects.
- Participate in monitoring of stream restoration, stream enhancement, and habitat enhancement projects.
- Review and analyze monitoring reports.

2001 - 2003: Technical Crew Member, Heritage Technical Associates, Chapmanville, West Virginia.

Member of survey crew team for growing engineering company where Mr. Ferrell was responsible for conducting daily surveys on mining sites to meet contract specifications.

- Conducts site evaluations for local coal mining companies.
- Perform stream delineations for local coal mining companies.
- Determine elevations for flood certificates and both surface and deep coal mines using the total station and level gun.
- Determine jurisdictional waters of the United States as required by the Army Corp of Engineers.
- Utilize AutoCAD for mapping areas for landowners and coal mining companies.
- Provide assistance to survey crew chief during mining site surveys using the total station.
- Conduct field investigations related to landowner mining concerns and complaints and provide written reports.
- Responsible for construction and proper placement of flight panels for aerial photography.
- Act as trainer to new employees.
- Prepare and utilize topographic maps for everyday job duties such as delineation, surveying, and permitting.





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Robin T. Gore

Staff Engineer

Degrees Held

B.S. Engineering, Marshall University, Huntington, West Virginia, 2017

Program Skills

Experience using AutoCAD, Microsoft Office products, PDF programs, SedCAD, GeoHEC-RAS, GeoHEC-HMS, HEC-RAS, HEC-HMS, StedWIN, and HydroCAD.

General Background

Focus of water resources/hydraulics/hydrology modeling, coal mine refuse disposal design and permitting, earthen dam compliance design and permitting, solid waste landfill design and permitting.

Responsible for design, calculations, reports, technical specifications, review, and design/construction drawings of projects.

Provide technical support and assistance to clients, construction project managers, and contractors regarding design and specification requirements as it pertains to regulatory permitting.

Professional Experience

2022-Present: Staff Engineer for Alliance Consulting, Inc., Beaver, West Virginia

Prepare design calculations, drawings and reports for municipal, mining and commercial projects.

Complete hydrological modeling for flood analysis of dam breaks and Coal Refuse Disposal Area breaches. Also, review dams to check compliance with State and Federal Regulations, as well as provide clients with recommendations to make repairs or maintenance adjustments if necessary.

Create specifications, design calculations, and drawings for operations related to coal refuse disposal dams. Designs include, but not limited to, sediment ponds, conversion ditches, and access roads,

Assist in providing the required operational permits, construction drawings, design, and

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calculations for solid waste landfill facilities.

2018 - 2022: State Highway Engineer Trainee, WVDOT, Charleston, West Virginia

Coordinate postings and ads for new statewide contracts and conduct interviews with consultants to be selected for a short list.

Assign/delegate work to consultants under multiple statewide contracts for environmental assessment.

Coordinate environmental site assessments in accordance with the WVDEP regulations.

Evaluate the completed work of consultants and review and approve invoices.

Work on improving the statewide contracts of assisting Auditing Division, Legal Division and FHWA regarding contracts.





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C. DAVID IRLE

Project Manager

Certifications

NICET Level I, HDPE Geomembrane
40-hour Health and Safety Training for Hazardous Waste Site Investigations and Subsequent Annual 8 Hour Retraining
Certified Troxler Nuclear Gauge
WV Office of Miner's Health, Safety and Training Class 07 Surface Coal Miner

Degree Held:

Associate Degree Drafting and Design Engineering Technology
West Virginia Institute of Technology, 1989

General Background:

January 2025 to Present: Project Manager, Alliance Consulting, Inc., Beaver, WV

Mr. Irle's responsibilities include managing the preparation of project construction design, calculations, drawings, specifications, quality assurance/quality control plans, and bid documents for various projects primarily resulting in construction projects. These projects include abandoned mine lands, landfills and civil construction. Coordinate construction activities between project owners, field personnel and contractors. Verify materials quantities for payment to contractors for construction projects.

January to December 2024: Operations Manager, ALL-CON LLC, Beaver, WV

Mr. Irle was responsible for all aspects of construction projects undertaken by ALL-CON. During this period ALL-CON, LLC was a wholly owned subsidiary of Alliance Consulting, Inc. Mr. Irle's responsibilities included construction estimating, bid preparation construction management, invoicing, heavy equipment acquisitions and equipment maintenance.

April 2018 to December 2024: Operations Manager, ALL-CON LLC, Beaver, WV

Mr. Irle was responsible for all aspects of construction projects undertaken by ALL-CON. During this period ALL-CON, LLC was a wholly owned subsidiary of Alliance Consulting, Inc. Mr. Irle's responsibilities included construction estimating, bid preparation construction management, invoicing, heavy equipment acquisitions and equipment maintenance.

January 2006 to April 2018: Assistant Project Manager, Alliance Consulting, Inc./ALL-CON LLC, Beaver, WV

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Mr. Irle was responsible for all aspects of construction projects undertaken by ALL-CON. During this period ALL-CON, LLC was a wholly owned subsidiary of Alliance Consulting, Inc. Mr. Irle's responsibilities included construction estimating, bid preparation construction management, invoicing, heavy equipment acquisitions and equipment maintenance.

January 2001 to January 2006: Senior Field Supervisor, Alliance Consulting, Inc., Beaver, WV

Mr. Irle provided supervision for technicians providing Construction Quality Assurance (CQA) services for several Subtitle D municipal landfills in WV. Mr. Irle's responsibilities included plan and specification interpretation, working with the design engineers, and preparing certification reports. Also, Mr. Irle has provided construction management services for design/build projects in WV.

December 1991 to January 2001: Engineering Technician, Alliance Consulting, Inc. (formerly Almes & Associates, Inc., Consulting Engineers), Beaver, WV.

Mr. Irle has provided CQA services for multiple Subtitle D municipal solid waste landfill construction projects in WV, Virginia, North Carolina, and South Carolina. These projects total approximately 5 million square feet of installed geomembrane and in excess of 10 million square feet of other installed geosynthetic materials. In performing these services, Mr. Irle has developed expertise in monitoring and field testing the installation of many landfill liner components including geogrid/geotextile reinforcement, geocomposite drainage material, compacted soil liners, geosynthetic clay liners, HDPE geomembrane liners, sand and gravel leachate collection systems, leachate pump stations and PVC/HDPE leachate collection and transmission piping systems.

Mr. Irle has worked on several concrete projects, as well as several projects relating to the construction of coal refuse disposal dams and embankments involving construction monitoring and quality control testing. Since joining ALMES, Mr. Irle has gained valuable experience in performing a variety of soil and mineral aggregate testing, such as sieve analysis, Atterberg limits, specific gravity, Standard Proctor, rigid and flexible wall permeability, hydrometer, and related geotechnical laboratory tests. His extensive laboratory testing experience provides him with a working knowledge of ASTM, AASHTO, and ACI field and laboratory testing methods.

September 1990 to December 1991: Lab Technician, Bluestone Paving, Princeton, WV.

Responsibilities included designing asphalt mixes, daily quality control, coordinating trucks, and plant operations. Mr. Irle is experienced with performing gradations, extractions, and Marshall mix design.

January 1990 to September 1990: Draftsman/Estimator, Building Services, Beckley, WV.

Mr. Irle was responsible for preliminary and construction drawings for pre-engineered metal



buildings and other construction projects. Duties included: estimates, proposals, ordering and scheduling materials for delivery to the job site.

Local projects included:

Mountain Eagle Distributing
Electronic Warfare Associates
Family Toy Warehouse.

April 1989 to August 1989: Lab Technician, Raleigh Ready Mix, Beckley, WV.

Relevant Project Experience:

1. Smith & Stover Coal Co. EM-29

Client: WV Department of Environmental Protection Office of Special Reclamation, Whitby, WV

Mr. Irlle managed all aspects of the reclamation construction of a former mining location. The project involved the closing of mine portals, removal of building structures and drainage structures. The major construction items included sediment & erosion controls, drainage structures, asbestos abatement, stream crossing, access road development, clearing and grubbing, vertical opening backfill, demolition seeding and mulching, and project closeout.

2. Lillybrook Coal Company S-86-85

Client: WV Department of Environmental Protection Office of Special Reclamation, Egeria, WV

Mr. Irlle managed all aspects of the reclamation construction of a former mining location. The project involved the conversion of existing ponds to wetlands, construction of a wetland, road construction, drainage structures and road construction. The major construction items included sediment & erosion controls, drainage structures, access road development, clearing and grubbing, wetland construction, culvert installation, seeding and mulching, and project closeout.

3. Longacre Portals

Client: WV Department of Environmental Protection Office of Abandoned Mine Lands, Smithers, WV

Mr. Irlle managed all aspects of the reclamation construction of a former pre-law mining location. The major construction items included sediment & erosion controls, drainage structures, mine seal installation, underdrain installation, seeding and mulch and project closeout.

4. Piney Creek Ditch Failure

Client: WV Department of Environmental Protection Office of Abandoned Mine Lands, Raleigh, WV

Mr. Irlle managed all aspects of repairs of a former reclamation project. The project involved



repairing a section of failed grouted riprap ditch. The major construction items completed included sediment & erosion controls, drainage structures, access road development, seeding and mulching and project closeout.

5. Glen Rogers Mine Shafts

Client: WV Department of Environmental Protection Office of Abandoned Mine Lands, Glen Rogers, WV

Mr. Irle managed all aspects of the reclamation construction of a former pre-law mining site. The project involved backfilling two vertical mine openings. The major construction items completed included sediment & erosion controls, access road development, seeding and mulching, vertical mine shaft backfill, concrete mine shaft caps and project closeout.

6. Canyon Refuse and Dump

Client: WV Department of Environmental Protection Office of Abandoned Mine Lands, Morgantown, WV

Mr. Irle managed all aspects of the reclamation construction of a former pre-law mining site. The project involved highwall backfilling and wet mine seal installation. The major construction items completed included sediment & erosion controls, clearing and grubbing, mass excavation, wet mine seals, drainage structures, access road development, seeding and mulching and project closeout.

7. Witcher Creek Portals and Refuse

Client: WV Department of Environmental Protection Office of Abandoned Mine Lands, Belle, WV

Mr. Irle managed all aspects of the reclamation construction of a former pre-law mining site. The project involved wet and dry mine seal installation, refuse pile regrading, soil cover and drainage structures. The major construction items completed included sediment & erosion controls, clearing and grubbing, mass excavation, wet mine seals, dry mine seals, drainage structures, access road development, seeding and mulching and project closeout.

8. Jonben Refuse Pile

Client: WV Department of Environmental Protection Office of Abandoned Mine Lands, Jonben, WV

Mr. Irle managed all aspects of the reclamation construction of a former pre-law mining site. The project involved refuse pile regrading. The major construction items completed included sediment & erosion controls, clearing and grubbing, mass excavation, seeding and mulching and project closeout.

9. Cell 3B Construction

Client: Mercer County Solid Waste Authority, Princeton, WV

Mr. Irle managed all aspects of the Cell3B landfill expansion. The project involved mass



excavation, subbase, and soil liner, GCL, geomembrane, geocomposite, protective cover, and leachate piping.

10. Phase 1 Landfill Closure

Client: Greenbrier County Solid Waste Authority, Lewisburg, WV

Mr. Irlé managed all aspects of the Phase 1 landfill closure. The project involved completing the necessary to construct the landfill cap. The major construction items performed include existing cover removal, subgrade preparation, intermediate soil cover and vegetative soil cover.

11. Capon Springs Landfill Closure

Client: WV Department of Environmental Protection Landfill Closure Assistance Program, Capon Springs, WV

Mr. Irlé managed all aspects of the landfill closure. The project involved the construction of a compliant landfill cap to close the facility. The major construction items performed include leachate tank construction, leachate cutoff drains, leachate piping, geomembrane, geocomposite, landfill gas vents, existing cover removal, subgrade preparation, intermediate soil cover and vegetative soil cover.

12. Stream Blockage Removal

Client: WV Conservation Agency, Various Counties, WV

Mr. Irlé managed all aspects of stream blockage removal for numerous projects located throughout southern WV. The work involved the removal of woody debris from stream channels. The major construction items performed include debris removal, trucking and disposal of debris and seeding and mulching.

13. Wheeling Creek Stream Enhancement

Client: WV Conservation Agency, Wheeling, WV

Mr. Irlé managed all aspects of the stream enhancement project. The project involved the construction of in-stream structures. The major construction items performed include rock cross-vane, rock j-hooks, sediment and erosion controls and seeding and mulching.

14. Stream and Wetland Mitigation Construction

Client: Century Mining, LLC, Barbour County, WV

Mr. Irlé managed all aspects of the stream and wetland mitigation project for three construction projects. The project involved the construction of in-stream structures, channel construction and wetland construction. The major construction items performed include log in-stream structures, channel excavation and grading, substrate, wetland construction and grading, erosion and sediment controls and revegetation.

15. Abbott Hollow AMD Treatment System

Client: Penn Virginia Operating Co., Dakota, WV



Mr. Irle managed all aspects of the AMD treatment system construction. The project involved the construction of large anoxic limestone drains, settling and polishing ponds and wetlands.

16. Joe's Creek AMD Treatment System Maintenance and Repair

Client: Penn Virginia Operating Co., Dakota, WV

Mr. Irle managed all aspects of the AMD treatment system repair. The project involved the reconstruction of lined wetlands and settling ponds.

17. Morgantown Airport Passive AMD Treatment System

Client: City of Morgantown, Morgantown, WV

Mr. Irle managed all aspects of the AMD treatment system construction. The project involved the construction of self-flushing limestone beds, open baffled limestone channels, associated piping, settling and polishing ponds, freshwater ponds, slag beds and drainage structures.

18. Roaring Creek Passive AMD Treatment System

Client: Save the Tygart Watershed Association, Norton, WV

Mr. Irle managed all aspects of the AMD treatment system construction. The project involved the construction of limestone beds and settling ponds. The major construction items completed during the project include limestone beds, HDPE piping, erosion and sediment controls and revegetation.

19. City of Charleston Sanitary Landfill, Cell 6

Client: Landfill Services, Inc., Charleston, WV

Mr. Irle provided lead CQA services and managed CQA Technicians for the construction of 4 acres of composite liner. The items installed consisted of subbase and soil liner, geocomposite, geomembrane and GCL. Mr. Irle prepared the final certification report.

20. Fasloc Landfill Closure Cap

Client: E. I. DuPont De Nemours & Company, Potomac River Works, Martinsburg, WV

Mr. Irle provided construction management services for the construction of .5 acres of closure cap construction. Mr. Irle's responsibilities included coordination of subcontractors, ordering materials and equipment and quality control. The closure cap construction consisted of fill placement to intermediate grades, geomembrane, cover soil, topsoil, underdrain, and revegetation.

21. Raleigh County Sanitary Landfill, Stage 6

Client: Raleigh County Solid Waste Authority, Beckley, WV

Mr. Irle provided lead CQA services for the construction of 5 acres of composite liner. The liner construction consisted of dynamic compaction of mine spoil, geomembranes, soil liner and



subbase, GCL, geotextile and leachate piping.

22. North Mountain Sanitary Landfill, Stage 5A

Client: LCS Services, Hedgesville, WV

Mr. Irle provided CQA services and management of field personnel for the construction of 6.8 acres of composite liner. The construction consisted of subbase and soil liner, geomembrane, protective cover GCL and final certification report preparation.

23. North Mountain Sanitary Landfill, Hedgesville, WV, Mountainview Sanitary Landfill, Frostburg, Maryland, City of Charleston Sanitary Landfill, Charleston, WV, Disposal Service, Inc. Sanitary Landfill, Hurricane, WV

Client: Waste Management, Inc.

Mr. Irle provided landfill gas sampling in accordance with EPA regulations. Mr. Irle's responsibilities included gas probe installation, sampling, and reporting.

24. Northwestern Sanitary Landfill

Client: Waste Management, Inc., Parkersburg, WV

Mr. Irle provided construction management and CQA services for the installation of 1100 feet of gravity leachate transmission piping. The construction consisted of HDPE piping, HDPE manholes, and tie-ins to existing piping.

25. Leachate and Seepage Transmission Line, DuPont Belle Plant

Client: E. I. DuPont de Nemours & Company, Belle, WV

Mr. Irle provided construction management services for the construction of a gravity transmission line. Mr. Irle's responsibilities included coordination of subcontractors, ordering materials and equipment and quality control. The construction consisted of HDPE piping, elevated steel pipe, pipe support structures, pre-cast concrete structures and flow meter.

26. Disposal Services, Inc. Sanitary Landfill, Cell 3 Stage 3

Client: Disposal Services Inc., Hurricane, WV

Mr. Irle supervised the field technicians who provided CQA services for the construction of 8 acres of composite liner. The liner construction consisted of subgrade preparation, gas collection system, geogrid, subbase and soil liner, geomembrane, leachate collection and detection piping, protective cover and geocomposite.

27. City of Charleston Sanitary Landfill, Cell 5

Client: Waste Management, Charleston, WV

Mr. Irle supervised the field technicians who provided CQA services for the construction of 5 acres of composite liner. The liner construction consisted of:



28. Mountainview Sanitary Landfill, Cell 2B/3B
Client: Waste Management, Frostburg, Maryland

Mr. Irle supervised the field technicians who provided CQA services for the construction of 5 acres of composite liner.

29. Charlotte Motor Speedway Landfill V, Cell 2E Phase 2
Client: Allied Waste Systems, Concord, North Carolina

Mr. Irle provided CQA services for the construction of 13 acres of composite liner.

30. Charlotte Motor Speedway Landfill V, Cell 2E Phase 1
Client: Allied Waste Systems, Concord, North Carolina

Mr. Irle provided CQA services for the construction of 17 acres of composite liner.

31. Northwestern Sanitary Landfill
Client: Waste Management, Inc., Parkersburg, WV

Mr. Irle provided CQA services for the construction of 7 acres of composite liner.

32. Lee County Sanitary Landfill
Client: Allied Waste Services, Bishopville, South Carolina

Mr. Irle provided CQA services for the construction of 11 acres of composite liner.

33. Northeast Landfill
Client: Allied Waste Systems, Eastover, South Carolina

Mr. Irle provided CQA services for the construction of 5 acres of composite liner.

34. Raleigh County Sanitary Landfill
Client: Raleigh County Solid Waste Authority, Beckley, WV

Mr. Irle provided CQA and construction management services for the construction of a leachate transmission line.

35. Raleigh County Sanitary Landfill, Stage 4A
Client: Raleigh County Solid Waste Authority, Beckley, WV

Mr. Irle provided CQA services for the construction of 5.7 acres of composite liner.

36. Lee County Sanitary Landfill
Client: Allied Waste Systems, Bishopville, South Carolina

Mr. Irle provided CQA services for the construction of 17 acres of composite liner.



37. Anderson Regional Solid Waste Management Facility
Client: Allied Waste Systems, Belton, South Carolina

Mr. Irle provided complete CQA services for the construction of 12 acres of geogrid reinforced composite liner.

38. Northwestern Sanitary Landfill
Client: Waste Management, Inc., Parkersburg, WV

Mr. Irle provided construction monitoring and field testing for all soil and geosynthetic components of a 6-acre composite liner.

39. Tazewell County Sanitary Landfill
Client: Tazewell County, Virginia

Mr. Irle provided CQA services for the construction of a 5-acre composite lined landfill cell.

40. Raleigh County Sanitary Landfill, Stage 3
Client: Raleigh County Solid Waste Authority, Raleigh County, WV

Mr. Irle monitored the installation of 5.5 acres of double synthetic/composite liner.

41. Concrete Testing
Client: Various Clients

Mr. Irle has provided concrete testing according to ACI procedures including:

- Entrained air tests
- Slump tests
- Concrete test specimen preparation
- Compressive strength testing

42. Laboratory Testing
Client: Various Clients

Mr. Irle has provided laboratory testing according to ASTM procedures including:

- Standard and modified proctors
- Grain size analysis
- Hydrometer
- Flexible wall permeability
- Rigid wall permeability
- Liquid and plastic limits

43. Field Testing
Client: Various Clients

Mr. Irle has provided field testing according to ASTM procedures in support of the various



landfill construction projects including:

- In-place density testing, drive cylinder methods
- In-place density testing, nuclear methods
- In-place density testing, sand cone method
- In-situ permeability, Boutwell method
- Sampling for in-situ permeability, Shelby tubes
- Bonded seam strength of geomembranes





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BRANDON M LESTER, EIT

Staff Engineer

Degrees Held:

B.S. Civil Engineer EIT, West Virginia University Institute of Technology, Beckley, West Virginia - 2022

Professional License:

- West Virginia Bat Biologist
- West Virginia EIT

Certifications

- West Virginia Scientific Collection Permit for Collection of Endangered Bat Species, as well as Fish and Benthic Macroinvertebrates
- 24 Hour Mine Safety Certification

Program Skills:

Proficient in AutoCAD including AutoCAD Map 3D, GeoHEC-HMS, GeoHEC-RAS, HydroCAD, SEDCAD, Microsoft Word, Microsoft Excel, and Blue Beam.

General Background and Scope of Projects:

May 2022 to Present: Staff Engineer, Alliance Consulting, Inc., Beckley, West Virginia.

Stormwater and Drainage Design:

Under the employment of Alliance Consulting, Inc., Mr. Lester has designed stormwater structures and systems along with creating hydrologic and hydraulic studies. Included in this has been the design of channels and culverts for private individuals, as well as businesses. This has included the analyzing of unique watersheds and rainfall characteristics for the area to be able to perform all necessary runoff calculations while keeping in any design parameters.

Floodplain Modeling:

Mr. Lester has also created floodplain models, which typically include conducting hydrologic and hydraulic analyses to determine the existing floodplain and elevations that it reaches, which then can be used to analyze any proposed developments in the area of interest. Then, after all factors that could affect the floodplain have been accounted for along

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with proposed developments, the new flood elevation and floodplain can be determined to then compare the pre-development and post-development conditions.

Erosion & Sediment Control and Construction Stormwater Permitting:

Mr. Lester has also designed erosion and sediment controls for construction areas along with completing stormwater permits for different clients in West Virginia, Virginia, Pennsylvania, Kentucky, and Ohio. Design for creating erosion and sediment control plans includes performing surface drainage and sediment control calculations, which are then used to design erosion and sediment control device's locations. Once that has been completed, a stormwater pollution prevention plan (SWPPP) can be created and then sent to the proper local and state regulatory agencies.

Collection of T&E Species:

At Alliance, Mr. Lester has conducted mist net bat surveys for four years; two years as a technician and two years as a team lead working on projects in West Virginia and Illinois. This work has included identifying different bat species, banding, and tracking threatened and endangered species of bats, which include Indiana bat, northern long eared bat, and tri-colored bat. Mr. Lester has also conducted multiple harp trap surveys in West Virginia in which have resulted in the identifying and banding of the following endangered species Indiana bat, northern long eared bat, tri-colored bat, and Virginia big eared bat. Mr. Lester has also helped in the collection of benthic sampling and crayfish surveys.

Solid Waste Design:

Mr. Lester has assisted in helping design of future expansion of the Raleigh County Sanitary Landfill, as well as completing the reporting requirements. This has included the design of the landfill subgrades and future designs for expansion of the landfill and has also included going out and doing inspection and testing of different construction materials. The reporting requirements included landfill gas collection annual report preparation and emissions inventory.

Site Development and Earthwork:

Mr. Lester has also provided design services for site development for projects, which has included the preparation of construction drawings. These drawings contain a site plan, access roads, balancing of cuts and fills, preparation of cross section and profiles, incorporation of required storm design specifications, drainage components, parking, utility layout and connections. This has also involved the filling of different local and state permits.

2018 - May 2022: Engineering Intern, Alliance Consulting, Inc., Beckley, West Virginia.

Under the supervision of Alliance Consulting, Inc., Mr. Lester performed compaction tests for a wide range of range, which included performing grain sizes, specific gravity, proctor testing, and a wide variety of tests. Mr. Lester was also a rodman for the surveying



department, helping to complete property surveys, stakeouts, etc. Mr. Lester also performed stream and wetland delineations and assisted in the collection and identification of benthic samples.





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BRIAN W. MATHERLY

Project Manager

Education/Training:

West Virginia University Institute of Technology, Montgomery, West Virginia
May 1998 – Associates Degree – Civil-Surveying Technology
December 2000 – Bachelor's Degree – Engineering Technology with Civil Emphasis

Class 07 Surface Coal Miner Certified (Black Hat)

Troxler Density Gauge Certified

IADC Rig Pass (SafeLand USA Safety Training)

General Background:

April 2006 to Present: Alliance Consulting, Inc., Beckley, West Virginia.

Project Manager (11/19-Present)

Project Engineer (01/17-11/19)

Assistant Project Engineer (05/08-01/17)

Staff Engineer (04/06-05/08)

- Design of Coal Related Refuse Facilities
 - Hydrologic Design (Ditch and Pipe Design, Flood Routing)
 - Geotechnical Evaluation (Soil Sampling and Rock Core Drilling)
 - Instrument Installation (Ground Water Wells and Settlement Monitoring)
 - Failure Assessment (Slope and Pillar Stability, Surface Deformation and Dam Break Analysis)
- MSHA and WVDEP Submittals
- Solid Waste Landfill Construction Monitoring (New Construction in North Central West Virginia)
 - All Aspects of Construction from Mass Excavation to Final Certification

October 2001 to April 2006: Esmer & Associates, Boomer, West Virginia.

Project Engineer (06/03-04/06)

Field Engineer (10/01 – 06/03)

Project Engineer responsibilities:

- Design of Coal Related Refuse Facilities
 - Hydrologic Design (Ditch and Pipe Design, Flood Routing)
 - Failure Assessment (Slope and Pillar Stability, Surface

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Deformation and Dam Break Analysis)

- Abandoned Mine Land Reclamation
Hydrologic Design (Ditch and Pipe Design)
- Slope Stability

Field Engineer responsibilities included relaying information to Design Engineer concerning field progress and the following:

- Compaction Testing
Waterline Backfill
Coal Waste Placement
- Concrete On-Site Testing
- Laboratory Work
Coal Waste Proctors
Soil Proctors
Concrete Strength Analysis

Relevant Project Experience:

1. Annual and Quarterly Certification Reports, Various Coal Refuse Impoundments

Mr. Matherly was responsible for report preparation describing changes to the embankment configuration, fine coal refuse slurry level, storage capacity, instrumentation, and any other aspects of the impounding structure potentially affecting the stability of the facility. Mr. Matherly was also responsible for preparing the necessary drawing(s) required for the certification report.

2. Drilling Monitoring, Construction Monitoring, Installation of Water Monitoring Wells, Pneumatic Piezometers and Sondex Settlement Systems

Client: Various

Performed full and part-time construction monitoring, provided design plan interpretation, and served as liaison between client and design engineers on multiple projects. Mr. Matherly has provided drilling supervision for multiple water monitoring well, pneumatic piezometer, and Sondex installations at various locations in West Virginia and Illinois. His responsibilities included the logging of coal refuse samples and supervision of instrument installation.

3. Site Regrade and Surface Drainage Design, near Lundale, Logan County, West Virginia and near Carlisle, Fayette County, West Virginia (Esmer and Associates)

Client: West Virginia Department of Protection, Office of Abandoned Mine Lands and Reclamation

Mr. Matherly was responsible for performing the design calculations, and preparing the design drawings and necessary permit documents for submittal to the regulatory authorities.



4. Coal Refuse Disposal Plan, Blue Rock Knob Refuse Facility Expansion, Randolph County, West Virginia

Client: Carter-Roag Coal Company

Mr. Matherly prepared an expansion plan to extend the disposal life of an existing coal refuse disposal facility. Mr. Matherly was responsible for performing the design calculations, writing the narrative report and guideline technical specifications, and preparing the design drawings and necessary permit revision documents for submittal to the regulatory authorities.

5. Coal Refuse Disposal Plan, Refuse Embankment, Mingo County, West Virginia

Client: Hampden Coal Company, Inc.

Mr. Matherly prepared a plan to increase the storage capacity of the fine coal refuse slurry cells and for the construction of a protective berm for a new mine face-up. Mr. Matherly was responsible for preparing the design calculations, writing the narrative report, and preparing the design drawings.

6. Design of Freshwater Lake, Franklin County, Illinois

Client: M-Class Mining, LLC

Mr. Matherly performed engineering services pertaining to the design of a freshwater facility to be used to provide water for a nearby coal preparation facility. Mr. Matherly was responsible for performing the design calculations, including primary and emergency spillway designs and slope stability analyses. Mr. Matherly was also responsible for writing the report narrative and guideline technical specifications and preparing the design drawings.

7. Drilling Program and Design for Bandmill Hollow Coal Refuse Disposal Facility, Logan County, West Virginia

Client: Bandmill Coal Corporation

Mr. Matherly provided supervision of 13 holes. The program was designed to obtain subsurface data to be used in stability analyses for the proposed coal refuse embankment. Mr. Matherly's responsibilities included logging soil and core samples and monitoring hydraulic pressure testing. Also, Mr. Matherly prepared a disposal plan for the construction of a high hazard coal refuse impounding embankment. The plan was designed to provide for the disposal of eight years of coarse and fine coal refuse by constructing three embankment stages. Mr. Matherly was responsible for performing the design calculations, including surface and subsurface drainage, decant pipe design, and slope stability analyses. He was also responsible for writing the narrative report and guideline technical specifications and preparing the design drawings.

8. Drilling Program and Design of Fresh Water Impoundment, Barbour County, West Virginia

Client: North Central Resources, LLC

Mr. Matherly provided supervision of 11 holes. The program was designed to obtain subsurface data to determine soil properties for embankment construction. Mr. Matherly also performed



engineering services pertaining to the design of a freshwater facility to be used to provide water for a nearby coal preparation facility. Mr. Matherly was responsible for performing the design calculations including primary and emergency spillway designs, chimney drain design and slope stability analyses. Mr. Matherly was also responsible for writing the report narrative and guideline technical specifications and preparing the design drawings.

9. Design of Coal Refuse Disposal Facility Nos. 2 and 3, Hamilton County, Illinois
Client: Hamilton County Coal Company

Mr. Matherly prepared disposal plans for the construction of two high hazard coal refuse impounding embankments. The plans were designed to provide for the disposal of a total of 18 years of coarse and fine coal refuse. Mr. Matherly was responsible for performing the design calculations including surface and subsurface drainage, decant pipe design, and slope stability analyses. He was also responsible for writing the narrative report and guideline technical specifications and preparing the design drawings.

10. Design of Building Run Coal Refuse Disposal Facility, Monongalia County, West Virginia
Client: Eastern Associated Coal, LLC

Mr. Matherly prepared an expansion plan to extend the disposal life of an existing coal refuse disposal facility. Mr. Matherly was responsible for performing the design calculations, writing the narrative report and guideline technical specifications, and preparing the design drawings.

11. Design of Crane Creek Refuse Disposal Facility No. 1, Mercer County, West Virginia
Client: Cornerstone Mining, LLC

Mr. Matherly prepared a plan for the construction of a coal refuse embankment to be constructed on an existing capped coal refuse embankment. Mr. Matherly was responsible for preparing the design calculations, writing the narrative report and guideline technical specifications, and preparing the design drawings.

12. Combined Coal Refuse Disposal Plan, Eckman No. 1 Coal Refuse Disposal Facility, McDowell County, West Virginia
Client: Mid-Vol Coal Sales, Inc.

Mr. Matherly prepared a coal refuse disposal expansion plan to extend the disposal life of an existing coal refuse disposal facility. Mr. Matherly was responsible for performing the engineering analyses including surface drainage calculations and slope stability. He was also responsible for writing the narrative report and guideline technical specifications and preparing the design drawings.





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ALEX J. PATTERSON

Senior Field Supervisor

Degrees Held

B.S. Wildlife and Fisheries, Frostburg State University, Frostburg, Maryland

Certifications

- BI – Pennsylvania
- West Virginia Scientific Collection Permit for Collection of Endangered Bat Species, as well as Fish and Benthic Macroinvertebrates
- Illinois State Collection Permit – A19-5984
- Illinois Threatened and Endangered Species Permit – 14835
- United States Fish and Wildlife Federal Permit – TE359730-0
- HAZWOPER Certified
- Swamp School Certified 2015
- 24 Hour Mine Safety Certification
- Right of Way/Industrial Weed Certification – C07594
- Forest Pest Certification – C07594

Professional Experience

Mr. Patterson is a biologist with experience in wetland, and stream delineation, as well as terrestrial habitat assessments and endangered species surveys. He is practiced in proper field procedure regarding collection of macroinvertebrates, fish and wildlife surveys. He has technical skills in the area of Global Positioning Systems (GPS) and Global Information Systems (GIS), as well as field experience in the identification of plants and wildlife. Mr. Patterson completed the Swamp School, Wetland Delineation Training course in 2015. He also holds West Virginia and Illinois scientific collection permits for fish, macroinvertebrates, and bats. Mr. Patterson is also a certified pesticide applicator for West Virginia in the Forest Pest and Right of Way/Industrial Weed categories.

General Background:

2015-Present: Staff Scientist for Alliance Consulting, Inc., Beaver, West Virginia

Under the employment of Alliance Consulting, Inc., Mr. Patterson has conducted habitat assessments and mist net surveys for federally endangered bat species and furthered his abilities in identifying bat species. He has also worked on projects involving wetland and stream delineation, dredge monitoring, and macroinvertebrate sampling in both Illinois and West Virginia. Inclusive of large surface and underground mine to multiple linear pipeline projects for industry clients (301 miles), and roadway projects completed for the West

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Virginia Division of Highways. He has conducted fish and benthic surveys in West Virginia and Illinois. These surveys have been done for coal and gas projects throughout West Virginia and southern Illinois. Mr. Patterson has also been conducting wetland delineation since 2015 and is very familiar with the United States Army Corps of Engineers Eastern Mountain and Piedmont and Midwest Regional supplements. Mr. Patterson has also been conducting pesticide treatment on multiple projects throughout West Virginia since 2015, these projects include managing invasive species on four mitigation banks throughout West Virginia, gas line right of way spraying, and permittee responsible mitigation areas for the coal, oil and gas industry.

2015: Field Technician for Pittsburgh Wildlife and Environmental, McDonald, Pennsylvania

While under the employment of Pittsburgh Wildlife and Environmental, Mr. Patterson was a Field Technician. During this time Mr. Patterson aided federally permitted bat biologists in conducting mist net surveys in six different states. He also furthered his bat identification skills and learned how to properly set up mist nets. Mr. Patterson also worked on projects involving wetland delineations in Ohio and macroinvertebrate sampling.

2014-2015: Field Technician for University of Maryland Center for Environmental Science, Frostburg, Maryland

Mr. Patterson was a Field Technician under the employment of the University of Maryland Center for Environmental Science conducting portal surveys for various bat species. During this time, Mr. Patterson learned proper handling practices and identification of bat species along with experience in the use of harp traps.

2014-2015: Student at Frostburg State University

While at Frostburg State University, Mr. Patterson took extensive courses, which taught him proper sampling techniques for macroinvertebrates and wetland delineation. While there, he gained electrofishing experience for fish. He also learned how to identify plants, trees, and mammals in the field.





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BRIAN C. SHORTS, P.E.

Project Manager

Degrees Held:

B.S., Civil Engineering, University of Notre Dame - 2012

Professional License:

Professional Engineer: Pennsylvania (in-progress), West Virginia

Program Skills:

Proficient in AutoCAD including AutoCAD Map 3D, HEC-HMS, HEC-RAS, GeoHECHMS, GeoHECRAS, HydroCAD, SEDCAD, HY-8, Microsoft Word, Microsoft Excel, and Adobe Acrobat Pro.

General Background and Scope of Projects:

June 2012 to Present: Project Manager, Alliance Consulting, Inc., Beckley, West Virginia.

Erosion & Sediment Control and Construction Stormwater Permitting:

Provided erosion and sediment control design and construction stormwater permitting services for over 300 projects in Illinois, Kentucky, Ohio, Pennsylvania, Virginia, and West Virginia for many clients, including Columbia Gas Transmission, Diversified Gas and Oil, and Foresight Energy. Work includes performing surface drainage and sediment control calculations, design of erosion and sediment control devices, development of notes, narratives, and typical detail sheets, development of stormwater pollution prevention plans, and providing permitting coordination through local and state regulatory agencies.

Stormwater and Drainage Design:

Provided services to analyze and design stormwater conveyance structures and systems for various projects including the Crossroads Mall Culvert Replacement in Beckley, WV, the Mon-View Phase III Stage III Site Development Project in Morgantown, WV, and the Klockner Pentaplast Facility Expansion in Beaver, WV, as well as numerous hydrologic and hydraulic studies and culvert and channel designs for a variety of clients, including Blackhawk Mining, Columbia Gas Transmission, the Beckley Sanitary Board, the Flat Top Lake Association, and the McDowell County Economic Development Authority. Work includes analyzing watershed and rainfall characteristics, performing rainfall-runoff

computations, determining design parameters, and evaluation and design of piping and other conveyance methods.

Floodplain Modeling and Permitting:

Provided 100-year floodplain modeling and permitting services for many clients including Arch Coal, Columbia Gas Transmission, CNX Gas Company, and Foresight Energy. Work generally includes conducting hydrologic and hydraulic analyses to determine the existing 100-year floodplain and elevation, analyzing proposed developments, including structures and earthen fills, for encroachments into the floodplain, determination of the 100-year floodplain and elevation after the proposed developments, comparison of post-development results to pre-development conditions, and permitting the proposed developments with local floodplain coordinators or other regulatory agencies.

Earthen Dam Design and Permitting:

Provided design services for modifications to existing earthen dams throughout West Virginia, including the Flat Top Lake Dam in Raleigh County, the Wallace Dam in Randolph County, and the Bluewell PSD Water Supply Dams in Mercer County. Work includes evaluation of design alternatives to provide recommendations to bring the dams into compliance with current WVDEP Dam Safety regulations, with a primary focus on conducting hydrologic and hydraulic analyses. These analyses evaluate the contributing watersheds and the performance of the dam's existing and proposed hydraulic structures during the design storm event. Work also includes preparation of permitting and construction drawings and specifications. Additional work with earthen dams includes conducting dam breach analyses to evaluate flooding resulting from a hypothetical breach of both freshwater and mining dams.

Solid Waste Design and Permitting:

Engineer in charge of the design, permitting, and construction management of the Stage 9 and Stage 10 expansions at the Raleigh County Sanitary Landfill, as well as ongoing permitting, compliance, and reporting requirements. Work includes the design of the landfill subgrades, composite liner system, leachate collection piping, and other components required for landfill development, development of construction drawings, specifications, bid documents, bidding and contract awarding, inspection and testing coordination, and certification of landfill construction. Other work includes landfill gas collection system layout and design, annual report preparation, emissions inventory, and other engineering services as needed.

Site Development and Earthwork:

Provided design services for site development for various projects including the Beckley Motor Speedway RV Park in Beckley, WV, Roxalana Church in Dunbar, WV, the Klockner Pentaplast Facility Expansion in Beaver, WV, the Summersville DHHR site, the Seneca Health Services CRU/Detox Facility in Maxwelton, WV, and others. Work generally



includes preparation of construction drawings including a site plan, access roads, balancing of cuts and fills, preparation of cross section and profiles, incorporation of required storm retention and drainage components, parking, utility layout and connections, and local and state permitting as applicable.

2011: Engineering Intern, Alliance Consulting, Inc., Beckley, West Virginia.

Performed hydrologic and hydraulic analyses, reservoir routing, and dam breach analyses for earthen dams, as well as drafting work and other basic engineering intern tasks.

2006-2009: Engineering Intern, Pentree, Inc., Princeton, West Virginia.

Assisted with site development and layout work and performed drafting work, surveying tasks, field work, and other basic engineering intern tasks.





Alliance Consulting, Inc.
Engineers • Constructors • Scientists

DANIEL R. SHORTS, P.E., P.S., MSCE

Senior Project Manager

Degrees Held:

M.S., Civil Engineering (Structural), Virginia Tech - 2001

B.S., Civil Engineering, West Virginia Institute of Technology - 1988

Professional License:

Professional Engineer: West Virginia
Virginia
North Carolina
Kentucky
Ohio

Professional Surveyor: West Virginia

General Background:

June 2010 to Present: Senior Project Manager, Alliance Consulting, Inc., Beckley, West Virginia.

Insurance claim investigations, expert witness, structure damage investigations, drainage failure investigations, water management systems design, sewer systems design, site development, project permitting, structure design, foundation designs, construction project management.

1989 - 2010: Senior Project Manager, Pentree, Inc., Princeton, West Virginia.

Drainage design, water distribution system design, sewer collection system design, sewage treatment plant design, highway design, bridge design, building structure design, construction management.

1988 - 1989: Engineer in Training, West Virginia Department of Highways, Princeton, West Virginia.

Basic engineering work in the district level maintenance and construction departments.



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JOSHUA T. SNYDER, E.I.

Staff Engineer

Degrees Held

B.S. Civil Engineering, WVU Institute of Technology, Beckley, WV, 2019

Professional Licenses and Registration:

Fundamentals of Engineering (FE) Test Passed April 2019, State of West Virginia, Computerized test administered by NCEES

Troxler Nuclear Density Gauge Safety Training 2019

Geosynthetic Materials and Compacted Clay Liner Certification 2020, Geosynthetic Institute

Surface Miner Training, Impoundment Inspection Training, and WV Safety Sensitive Training, MSHA

Certificates of Completion for “HSE Field Orientation: External Contractors”, “TC Energy’s Operational Management Systems (TOMS)”, and “Excavation Orientation”, TC Energy

Program Skills

Proficient working knowledge with AutoCAD including Carlson Civil Design, Microsoft Office products, PDF programs, SedCAD, StedWIN.

Experience using HEC-HMS, HEC-RAS, HY-8, HydroCAD, GIS.

General Background

Focus of water resources/hydraulics/hydrology, geotechnical, coal mine refuse disposal design and permitting, solid waste landfill design and permitting and QA/QC inspection, abandoned mine lands reclamation design permitting and construction.

Responsible for design, calculations, reports, technical specifications, and design/construction drawings of projects.

Provide technical support and assistance to clients, construction project managers, and contractors regarding design and specification requirements from beginning design and throughout construction.

Beckley, WV
Raleigh County Airport Industrial Park - 124 Philpott Lane
Beaver, WV 25813-9502
Telephone: (304) 255-0491

Professional Experience

2019-Present: Staff Engineer for Alliance Consulting, Inc., Beaver, West Virginia

Design to coordinate permitting activity between multiple regulatory review agencies to meet required design standards while meeting client concerns for construction and budget constraints. Serve as point of contact between clients and regulatory agencies for approval of design to address technical concerns for regulatory and project requirements.

Prepare project construction design, calculations, drawings, specifications, and quality assurance/quality control plans, and bid documents for projects after completing necessary permit approvals. Coordinate construction activities between project owners and contractors. Process survey files and verify materials quantities and receipts to verify payment to contractors for construction projects.

Simultaneously tracked application approval status, construction timing, and future construction planning for seven refuse disposal dams located in southern Illinois to provide weekly status reports for clients.

Create project reports, specifications, design calculations, and drawings for seven coal refuse disposal dams. Designs include construction stages involving downstream, centerline, and upstream construction techniques to provide mine waste disposal for more than 20 years of combined coal mine production. Disposal dams ranged from approximately 80 to more than 400 acres.

Responsible for permit and construction drawings, design, and calculations, and assisted with construction quantities and estimates for construction bid packages for three landfill projects. Provided designs for staged construction for a total lifespan over 15 years and cover more than 25 acres. Prepared daily construction logs, evaluated field and laboratory test data to determine construction requirements were met, and prepared certification documents for approval. Made regular field reviews of construction to ensure material system components were installed in accordance with plans and specifications.

Designed five various small onsite wastewater treatment facilities for coal mine bathhouses across West Virginia.

Provide consulting services for earthwork contractors for projects such as site development, active and abandoned mine land reclamation, dam construction, haul road and access road construction, and stormwater management.

Performed various field duties to include surveying rodman, field technician, stream flow measurements, construction quality assurance of landfill construction, and seven-day impoundment inspections.





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KELLY J. SWEENEY

Assistant Project Manager/Clerical

Degrees Held:

A.A.S., Paralegal Studies, West Virginia University, Institute of Technology (formerly Mountain State University) - 1992

Program Skills:

Proficient in Microsoft Word, Microsoft Excel, Microsoft Publisher, Microsoft PowerPoint, and Adobe Acrobat Pro.

General Background:

July 2012 to Present: Assistant Project Manager/Clerical, Alliance Consulting, Inc., Beckley, West Virginia.

Ms. Sweeney's duties include providing support to our managers and employees, assisting in daily office needs, and managing Alliance's general administrative activities.

Ms. Sweeney has been involved in the preparation of various mine permit applications including surface mining applications, permit revisions, incidental boundary revisions, renewals, NPDES applications, Army Corps Permits and bond release applications for multiple clients, and assisted in responding to agency comments.

Ms. Sweeney has also been involved in the preparation of construction stormwater permit applications for projects in West Virginia, Virginia, Pennsylvania, and Ohio for multiple clients, including Columbia Gas Transmission/TC Energy and Diversified Energy.

Ms. Sweeney is responsible for assisting in the preparation of environmental documents including, but not limited to, stream and wetland delineation reports, benthic macroinvertebrate studies, crayfish habitat assessments and survey reports, State 401 water quality permit applications, and Army Corps of Engineers Section 404 permits.

October 2010 to July 2012: Paralegal, Paramount Development Corporation, Beckley, West Virginia.

At Paramount, Ms. Sweeney's paralegal duties/clerical obligations were assisting the staff with new development and redevelopment projects throughout the eastern United States. She maintained insurance responsibilities for the development corporation, as well as the

multiple commercial real estate projects developed by Paramount. Ms. Sweeney also maintained Paramount's company website.

August 2007 to October 2010: Teacher/Teacher Aide, Victory Baptist Academy, Beaver, West Virginia.

Ms. Sweeney led a classroom of elementary students and taught them the subject assigned. She maintained discipline amongst the students. Homework and tasks were assigned that helped in the overall development of students. Ms. Sweeney found new and productive ways of teaching students that helped them learn faster, and more efficiently. She maintained good and friendly relationships with the students and their parents. Ms. Sweeney taught from the curriculum decided by the educational authorities, but also gave suggestions for improving it. She maintained her classroom, and graded and organized student curriculum.

1997 to 2007: Paralegal, Abrams and Byron, Attorneys at Law, Beckley, West Virginia.

At Abrams and Byron, Ms. Sweeney assisted lawyers and staff with circuit court pleadings and correspondence. She performed real estate title exams for personal and banking institutions for real estate purchases and loans, which included extensive document research (i.e. deeds, trust deeds, easements, etc.) at county courthouses throughout West Virginia. Ms. Sweeney also completed loan closing documents for personal and banking institutions. Ms. Sweeney was responsible for filing, organization, and clerical duties.

1992 to 1997: Paralegal, Bridi and Bridi, Attorneys at Law, Beckley, West Virginia.

Ms. Sweeney assisted lawyers and staff with circuit court pleadings and correspondence. She performed real estate title exams for personal and banking institutions for real estate purchases and loans. Ms. Sweeney completed loan closing documents for personal and banking institutions. She was responsible for filing, organization, and other clerical duties.





Alliance Consulting, Inc.
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DWAYNE J. SCHOOLFIELD JR.

Staff Engineer

Degrees Held

B.S. Civil Engineering Technology, Bluefield State College, Bluefield, WV

B.S. Architectural Engineering Technology, Bluefield State College, Bluefield, WV

Certifications

- FAA-UAS 107 Pilot
- Pix4D Mapper Essential (Drone Processing)
- West Virginia Soil and Aggregate Compaction
- West Virginia PCC Inspector
- Hazmat (Nuclear Density Gauge)

Professional Experience

Mr. Schoolfield is an engineer with experience in civil and environmental, as well as drone piloting, drafting, soil analyses, and concrete testing. He is practiced in proper procedure regarding collection of information for drone surveys. He has technical skills in the area of Global Positioning Systems (GPS) and Global Information Systems (GIS). Mr. Schoolfield completed Pix4D training course in 2018. He is certified in the proper procedure for soil and aggregate testing as well as concrete test. He has been drafting maps since 2012.

General Background:

2019-Present: Staff Engineer for Alliance Consulting, Inc., Beaver, WV

Under the employment of Alliance Consulting, Inc., Mr. Schoolfield has conducted stability analyses, drainage calculations and HEC-RAS designs. He has also worked on project involving stream mitigation designs, landfill designs, coal stockpile, embankment, impoundments, erosion and sediment control, boundary survey, and topography designs in both Illinois and West Virginia.

2018-Present: FAA UAS Pilot for Alliance Consulting, Inc., Beaver, WV

Under the employment of Alliance Consulting Inc., Mr. Schoolfield has over 100 hours of accident-free drone airtime, has processed over 120 projects, and created over 120 maps. Mr. Schoolfield uses the information produced from the drone flight to further help in the planning and procedures of projects such as stream mitigations, landfill, coal stockpile, erosion and sediment control, roof inspection, and topography.

Beckley, WV
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Beaver, WV 25813-9502
Telephone: (304) 255-0491

2012-Present: Civil Draftsman for Alliance Consulting, Inc., Beaver, WV

Mr. Schoolfield has worked closely with a team of engineers to produce maps to the specification of the required project. He has utilized the use of every software that the company has to offers, main programs being AutoCAD and Civil 3D. He has worked on projects involving stream mitigation designs, landfill designs, coal stockpile, embankment, impoundments, erosion and sediment control, roof inspection, boundary survey, and topography designs.

2014-2019: Soils Engineer for Alliance Consulting, Inc., Beaver, WV

Mr. Schoolfield was a Soils Engineer under the employment of Alliance Consulting Inc., conducting soil compaction test, grain size analyses, gradations, and Atterberg Limits in accordance with ASTM, AASHTO and West Virginia Department of Transportation standards.

2009-2011: HEFIS Employee for Bluefield State College, Bluefield, WV

Civil/Architectural student employee. Responsibilities included the utilization of Revit Architecture, Revit Structure, AutoCAD, Inventor, Sketchup, and Autodesk Impression software to complete requested jobs.

Higher Education Facilities Information System (H.E.F.I.S.). Responsibilities focus on drafting and design renovations pertaining to feasibility studies, and surveying using total station as well as RTK and GPS, as well as drafting of fire escape signs.

2007-2009: Assistant Professor for Bluefield State College, Bluefield, WV

Assistant Professor of Architectural Engineering. Responsibilities included teaching class when needed, and helping students with problems they encountered with giving assignments.

Revit Professor. Responsibilities included teaching student how to use the Revit software effectively.





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BETHANY LYNN WOLFE

Project Manager

Degrees Held

B.S. Environmental Studies, College of West Virginia, Beckley, WV
May 2000, Cumulative GPA 3.95 Summa cum laude graduate

Certifications

West Virginia Qualified Big Sandy crayfish/Guyandotte River crayfish Surveyor
(USFWS, June 2016)

Additional Training:

- WV Dept. of Environmental Protection, Division of Mining & Reclamation, Industry Training – Endangered Species Consultations (December 9, 2019)
- WV Dept. of Environmental Protection, Industry Training – NPDES Industry Workshop (December 5, 2019)
- WV Dept. of Environmental Protection, Industry Training – US Fish & Wildlife Consultations, NPDES and SMA Permit Prep (November 2018)
- WV Dept. of Environmental Protection, Industry Training - NPDES (April & May 2018)
- National Conservation Training Center – Ecology and Conservation of North American Crayfishes. (November 2017)
- WV Div. of Natural Resources, Crayfish Identification Workshop – Big Sandy crayfish and Guyandotte River crayfish (May 2016)
- West Virginia University, Freshwater Mussels of West Virginia: Life History and Identification (February 2015 & February 2016)
- WV Dept. of Environmental Protection, Industry Workshop: Narrative Water Quality Standards Update, Surface Water Runoff Analyses, Above Ground Storage Tanks, Bat Survey Requirements for Threatened & Endangered Species, Water Quality and Selenium Research (October 2015)
- Weis Builders, How to Write and Implement a Stormwater Pollution Prevention Plan (March 2009)
- NC State University by The Swamp School, Wetland Delineation Training (September 2008)
- WV Division of Natural Resources, Scientific Collection of Benthics and Fish, Methods and Database Reporting (November 2007)
- WV Dept. Of Environmental Protection, Division of Air Quality, Permit Workshop (July 2004)
- WV Dept. of Environmental Protection and U.S. Army Corps of Engineers, Clean Water Act 401/404 Permits (May 2004)
- U.S. Coast Guard, Homelands Security, Facility Security Plans (March 2004)
- WV Dept. Of Environmental Protection, Division of Mining & Reclamation, Surface

Beckley, WV
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Telephone: (304) 255-0491

- Mining Applications, 401 Certifications, Anti-degradation (December 2002)
• 40-Hour Hazardous Waste Operations/Emergency Response OSHA (December 2001)

General Background:

October 2007 – Present: Project Manager/Assistant Project Manager, Alliance Consulting Inc., Beckley, West Virginia

In this position, Ms. Wolfe is responsible for preparation of environmental studies, including conducted field surveys when applicable, and preparation of permitting applications in order to establish programs for environmental compliance. She plays an important role in coordinating between clients and agencies. Documents prepared include but are not limited to Stream and Wetland Delineation Reports, Benthic Macroinvertebrate Studies, Crayfish Habitat Assessments and Survey Reports, State 401 Water Quality Permit Applications, Army Corps of Engineers Section 404 permits, NPDES Article 11, Coal Mining Applications, Article 3 and 4, Stormwater Construction Permits, and Spill Prevention Control and Countermeasures Plans. Non-environmental documents prepared include Homelands Security Plans, Homelands Security Drills and Exercises, Petroleum Product Quality Management Plans, and Company Central Ownership & Control Files.

November 2000 - October 2007: Environmental Project Manager, Beaver Creek Engineering & Environmental Services, PLLC / Marathon Technical Services, Inc., Summersville, West Virginia

Ms. Wolfe was responsible for management of environmental projects for various clients which included assisting with implementation of plans and programs for compliance with state and federal environmental regulations. Daily tasks included coordination between client and regulatory agency, preparation of multiple permit applications, preparation of monitoring plans, and conducting the following: Stream Delineations, Phase I Environmental Site Assessments, Wetland Area Evaluations, Reclamation Liability Audits and Royalty Audits, and Benthic Stream Collections. In addition, she supervised and delegated projects to other employees and prepared proposals for potential clients.

Relevant Project Experience:

1. Ms. Wolfe for the WVDOH conducted presence/absence crayfish surveys for the Big Sandy crayfish in 2017 & 2019 for various proposed bridge projects in the Tug Fork River and tributaries within the Big Sandy basin.
2. Ms. Wolfe has conducted habitat assessments and presence/absence surveys for the Guyandotte River crayfish for in the Guyandotte River in 2019.
3. Ms. Wolfe assisted with the Macroinvertebrate collections in 2018 and 2019 in Still Run as required in relation to the potential for incidental capture of Guyandotte River crayfish.



4. Ms. Wolfe has worked with the design team to permit mine water treatment systems including transfer lines for chlorides and selenium laden waters, diffusers, liners, and bio-reactors for mining clients.
5. Ms. Wolfe has completed multiple Individual State Water Quality Section 401 permits for various clients.
6. Ms. Wolfe has completed multiple Army Corps of Engineers Section 404 Permits, (including IPs, NWP 14, 21, and 50) for clients in various industries.
7. Mr. Wolfe has completed multiple ephemeral/intermittent stream delineation and wetland delineations reports
8. Ms. Wolfe has assisted in the management of environmental and security affairs for a bulk petroleum storage facility.
9. Ms. Wolfe has prepared NPDES permits and Water Quality / Probable Hydrologic Consequence Analysis for multiple companies. In addition, Stormwater NPDES permits have been prepared for various industrial sites and clients.
10. Ms. Wolfe has completed Phase I Environmental Site Assessments in cooperation with other Environmental Professionals for commercial and undeveloped sites.



VENDOR ADMINISTRATIVE INFORMATION

Solicitation No.: CEOI 0313 DEP2600000001



7. VENDOR IDENTIFICATION NUMBER AND LICENSES

The Vendor Identification # as maintained in the WV Oasis system for Alliance Consulting, Inc. is as listed below:

000000210866

Alliance's West Virginia Engineering Certificate of Authorization (COA) Number is listed below:

C01205

A copy of the proof of COA with a recent retrieval date from the West Virginia PE Board website has been included on the following page.

As documented herein, Alliance staff hold various licenses and certifications from Professional Engineering Licenses to Endangered Species Surveyor Permits and Rosgen Natural Stream Design Training. Copies of specific documents can be provided upon request.



Search: Details

Legal Name:	ALLIANCE CONSULTING, INC.
WV Company COA:	COA Number: C01205
	COA Status: Active
	COA Issue Date: 03/02/2001
	COA Expiration Date: 12/31/2025
Primary Address of Record:	124 PHILPOTT LANE BEAVER, WV 25813
Engineer In Responsible Charge:	RYAN PATTERSON COX
	PE License Number: 021647
	PE License Status: Active
	PE License Expiration: 12/31/2026

This data was retrieved on 8/18/2025.

8. FEDERAL EMPLOYEE IDENTIFICATION NUMBER

The Federal Employee Identification Number for Alliance Consulting, Inc. is as listed below:

55-0778450



9. PROOF OF WORKERS COMPENSATION COVERAGE AND PROFESSIONAL LIABILITY INSURANCE

Documentation of the Workers Compensation Coverage and Professional Liability Insurance maintained by Alliance Consulting, Inc. is included on the page that follows.





CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

2/12/2025

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).

PRODUCER AssuredPartners of West Virginia, LLC PO Box 2627 Huntington WV 25726	CONTACT NAME: Mrs. Pat Stutler PHONE (A/C, No, Ext): (304) 736-2222 E-MAIL ADDRESS: pat.stutler@assuredpartners.com	FAX (A/C, No): (304) 302-3401
	INSURER(S) AFFORDING COVERAGE	
INSURED Alliance Consulting, Inc. 124 Philpott Lane Beaver WV 25813	INSURER A: Cincinnati Insurance Co.	NAIC # 10677
	INSURER B: North Stone Insurance	13045
	INSURER C: Continental Casualty Company	524126
	INSURER D:	
	INSURER E:	
	INSURER F:	

COVERAGES

CERTIFICATE NUMBER: 2025-2026

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 GEN'L AGGREGATE LIMIT APPLIES PER: <input checked="" type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:	X		ENP0124907	2/23/2025	2/23/2026	EACH OCCURRENCE	\$ 1,000,000
							DAMAGE TO RENTED PREMISES (Ea occurrence)	\$ 500,000
							MED EXP (Any one person)	\$ 10,000
							PERSONAL & ADV INJURY	\$ 1,000,000
							GENERAL AGGREGATE	\$ 2,000,000
							PRODUCTS - COMP/OP AGG	\$ 2,000,000
							Employee Benefits	\$ 1,000,000
A	<input checked="" type="checkbox"/> AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> NON-OWNED AUTOS	X		EBA0124907	2/23/2025	2/23/2026	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 <input type="checkbox"/> RETENTION \$	X		ENP0124907 Umbrella is follow form Primary Non Limit is 9M	2/23/2025	2/23/2026	EACH OCCURRENCE	\$ 10,000,000
							AGGREGATE	\$ 10,000,000
								\$
B	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N X	N/A	WCN6009875 WV & PA Included WV Broad Form WC990304 Incl	2/23/2025	2/23/2026	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTHER	
							E.L. EACH ACCIDENT	\$ 1,000,000
							E.L. DISEASE - EA EMPLOYEE	\$ 1,000,000
							E.L. DISEASE - POLICY LIMIT	\$ 1,000,000
C	Professional Liability			EEH591871941	3/1/2025	3/1/2026	Each Claim Limit/Aggregate Limit	5,000,000
							Deductible	50,000

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

CERTIFICATE HOLDER**CANCELLATION**

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

Mrs. Pat Stutler/PAT

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10. PROOF OF WV SWAM SMALL BUSINESS CERTIFICATION

Proof of WWSWAM Small Business Certification is included on the page that follows.





MARK D. SCOTT
CABINET SECRETARY

STATE OF WEST VIRGINIA
DEPARTMENT OF ADMINISTRATION
PURCHASING DIVISION

SAMANTHA WILLIS
PURCHASING DIRECTOR

June 12, 2024

ALLIANCE CONSULTING INC
124 PHILPOTT LN
BEAVER, WV 25813

Business Office:

This is to notify you that your Small, Women-, and Minority-Owned Businesses (SWAM) Certification Application has been approved based on your representations that the vendor named above meets the definition of a Small, Women-, and Minority-Owned Businesses as set forth in the *West Virginia Code of State Rules* 148-22-1 et seq. This certification becomes effective:

06/12/2024

And shall automatically expire without notice two years after the effective date unless revoked by the Purchasing Director or upon expiration pursuant to the *West Virginia Code of State Rules* 148-22-8. The type(s) of Small, Women-, and Minority-Owned Businesses (SWAM) Certification approved for your entity:

Small Business

At the end of your two-year certification period, if you wish to reapply, please complete a WV-1a form or apply for re-certification through the Vendor Self-Service portal at wvOASIS.gov. Complete renewal instructions, application forms, and a list of all SWAM-Certified entities are available online at www.state.wv.us/admin/purchase/VendorReg.html.

If you have questions, please contact the West Virginia Purchasing Division at 304-558-2311.

Sincerely,

A handwritten signature in black ink, appearing to read "Angelina Villanueva".

Angelina Villanueva
Vendor Registration Coordinator