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Welcome, Christopher W Seckman

[Procurement](#) | [Budgeting](#) | [Accounts Receivable](#) | [Accounts Payable](#)

Solicitation Response(SR) Dept: 0313 ID: ESR10282400000003054 Ver.: 1 Function: New Phase: Final

Modified by batch , 10/29/2024

Header 1


**General Information** | [Contact](#) | [Default Values](#) | [Discount](#) | [Document Information](#) | [Clarification Request](#)

Procurement Folder: 1523821

SO Doc Code: CEOI

Procurement Type: Central Purchase Order

SO Dept: 0313

Vendor ID: 000000209931 

SO Doc ID: DEP2500000001

Legal Name: NEW RIVER ENGINEERS INC

Published Date: 10/8/24

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Close Date: 10/29/24

Total Bid: \$0.00


Close Time: 13:30

Response Date: 10/28/2024 

Status: Closed

Response Time: 18:50

Solicitation Description: AML - EOI Morgantown Airport Su  
Phase II

Responded By User ID: kparker 

Total of Header Attachments: 1

First Name: Mackenzie

Total of All Attachments: 1

Last Name: Parker

Email: kp@nreiww.com

Phone: 3043427168



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: 1523821  
Solicitation Description: AML - EOI Morgantown Airport Subsidence Phase II  
Proc Type: Central Purchase Order

Solicitation Closes	Solicitation Response	Version
2024-10-29 13:30	SR 0313 ESR10282400000003054	1

VENDOR  
000000209931  
NEW RIVER ENGINEERS INC

Solicitation Number: CEOI 0313 DEP2500000001  
Total Bid: 0  
Response Date: 2024-10-28  
Response Time: 18:50:21  
Comments:

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

Vendor Signature X	FEIN#	DATE
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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





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  
Architect/Engr

<b>Proc Folder:</b> 1523821			<b>Reason for Modification:</b>
<b>Doc Description:</b> AML - EOI Morgantown Airport Subsidence Phase II			
<b>Proc Type:</b> Central Purchase Order			
<b>Date Issued</b>	<b>Solicitation Closes</b>	<b>Solicitation No</b>	<b>Version</b>
2024-10-08	2024-10-29 13:30	CEOI 0313 DEP2500000001	1

BID RECEIVING LOCATION

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

VENDOR

**Vendor Customer Code:**

**Vendor Name :** New River Engineers, Inc

**Address :**

**Street :** 501 Eagle Mountain Rd

**City :** Charleston

**State :** West Virginia                      **Country :** USA                      **Zip :** 25311

**Principal Contact :** Jessie O. Parker, Jr, CEO, P.E.

**Vendor Contact Phone:** 304-342-7168                      **Extension:**

FOR INFORMATION CONTACT THE BUYER

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

**Vendor Signature X**  **FEIN#** 55-0764054 **DATE** 10/28/2024

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

# New River Engineers, Inc.



October 28, 2024

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

Re: Expression of Interest – Engineering Services  
AML – Morgantown Airport Subsidence Phase II

To Whom it May Concern:

We are pleased to submit our statement of qualifications for providing professional architectural, engineering design services on the above referenced project(s).

New River Engineers, Inc. (NREI) is a highly qualified and experienced environmental / civil engineering firm providing services for municipal, federal, state, industrial and commercial clients throughout the states of West Virginia, Ohio, Kentucky, and Virginia.

For over 43 years NREI has a history of completing projects on time, under budget and without any successful litigation against us or our client, a record no other firm can match.

We would appreciate an opportunity to present our detailed qualifications at a mutually convenient date and time.

Please call if you have any questions or need further information.

Very Truly Yours,  
NEW RIVER ENGINEERS, INC.

  
Jessie O. Parker, Jr., P.E.,  
CEO  
Email: jop@nreiwv.com

Enclosures

# West Virginia Department of Environmental Protection



**Expression of Interest  
For  
Engineering Services  
For  
AML – Morgantown Airport Subsidence Phase II**

**October 2024**

**Presented by:**

**NEW RIVER ENGINEERS, INC.**



**501 Eagle Mountain Road  
Charleston, WV 25311  
(304) 342-7168**

**202 School Drive  
Shrewsbury, WV 25015  
(304) 595-3290**

**507 Richland Avenue, Suite 201  
Athens, OH 45701  
(740) 566-5699**

**3041 University Avenue, Suite 6  
Morgantown, WV 26505  
(681) 668-1809**

**156 Woodrow Avenue, Suite 2A  
St. Clairsville, OH 43950  
(740) 695-9977**

**WVDEP  
AML MORGANTOWN AIRPORT SUBSIDENCE PHASE II**

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**WVDEP  
AML MORGANTOWN AIRPORT SUBSIDENCE PHASE II**

**EXPRESSION OF INTEREST**

New River Engineers Inc. (NREI), formerly S & S Engineers, Inc., is pleased to express our interest in providing environmental, engineering, architecture, and surveying services to the WVDEP (Agency). Our team is a civil / environmental engineering firm and is noted for design excellence and client focus. Our team's integrated design approach, our commitment to design quality, as well as our architectural and construction experience will help to ensure the quality of services that we will provide to the Agency. Below, please find additional qualifications that make our team uniquely qualified to assist you with your potential needs:

We have a history of providing high quality design and engineering management services throughout West Virginia, Ohio, Kentucky, and Virginia. This quality has been recognized by the quantity of our repeat clients. We will use our engineering abilities and extensive design experience to aid the Agency as any need would arise.

As CEO of our firm, Mr. Jessie O. Parker, Jr., P.E. will lead projects for the Agency. Mr. Parker has a Bachelor of Science in Civil Engineering from WVU Institute of Technology and a Master of Science in Engineering from Marshall University. Mr. Parker has a vast amount of experience working in the municipal market and has spent his entire career in the utility / infrastructure sector of engineering. Mr. Parker will be assisted by Mr. Matt Shelton, VP, PM, Mr. Christopher Burford, COO, PM, Mr. Ashok Sanghavi, P.E., DEE, QEP, Mr. Randy Crace, P.S., Mr. Charles Kurzyrna P.E., P.S., Mr. Eric Hartwell, P.E., Mr. Josh Cook, P.E., and the rest of our staff.

We have the training, experience, and multi-discipline support to meet the needs of our clients. Due to our small size, our Engineers and Architects become well rounded and deeply involved with each Project. Our Engineers and Architects are able to put their heads together to create an excellent working knowledge of projects, creating high quality, personalized, and professional services. We would like to thank you for this opportunity and if we can be of service to you in this matter, please don't hesitate to contact us at (304) 342-7168.



## COMPANY PROFILE

### NEW RIVER ENGINEERS, INC.

New River Engineers, Inc. (NREI) is an engineering, surveying, and consulting firm that has been providing quality service to our clients and the industries for over 43 years. Mutual respect and trust are the cornerstones in the relationships established and maintained with our clients. NREI strives to perform all work in a professional and cost-effective manner, while providing our clients with quality and excellence.

The firm is currently managed by Mr. Jessie O. Parker, Jr., P.E. - CEO and Mr. Christopher D. Burford - COO. NREI has successfully provided an integrated approach to utility projects for our clients. NREI provides professional services to facility owners and operators, architects, and contractors throughout Ohio, West Virginia, Kentucky, Virginia and North Carolina and many others. NREI services range through all facets of civil engineering design as well as construction administration and project management.

Our staff combines advanced technology with many decades of surveying, mining, and engineering experience and includes two professional engineers, one professional surveyor, four degreed engineers, AutoCAD/engineer technicians and ten full time survey crews.

As a full-service engineering and surveying firm, NREI can provide a whole host of services to our clients including, but not limited to the following:

- Construction Design
- Construction Management
- Construction Surveying
- Geotechnical Engineering & Drilling Management
- Environmental Permitting (WVDEP, NPDES, OAQ and USACOE)
- Underground / Surface Mine Engineering
- Underground / Surface Mining Surveying
- Civil Site Design / Engineering / Planning
- Drainage Design / Engineering / HECRAS
- Aerial Mapping
- Compaction Testing with Nuclear Density Gauge
- Subsurface Utility Locate Surveys with Ground Penetrating Radar & Pipe and Cable Locators
- Ohio DNR Environmental Permitting
- Oil & Gas Surveying
- Boundary & Property / Topographical Surveying
- GPS RTK & Static Surveying
- Reserve Studies





NREI remains committed to the idea of providing high quality, client focused, design solutions that meet budget and schedule requirements. This commitment to quality has been recognized through the long-term client relationships that we have developed. NREI has the qualified professionals available to provide services throughout the duration of a project from the initial planning phases through construction completion and beyond.

NREI utilizes the abilities of designers with many years of experience in their area of expertise, teamed with younger designers on a "best resource for the project approach". We also provide project management services at levels ranging from general oversight to complete project delivery through all phases of design and construction. Our personnel have worked in both the private and public sector and are familiar with many methods of project delivery.

NREI has developed the following philosophy to guide the performance of its services:

- Provide superlative design services to our clients in new construction, improvements, and daily operations.
- Perform work in a timely, accurate and professional manner.
- Present multiple alternatives and solutions whenever possible.
- Work with our clients to control project costs.
- Be a technical sounding board for our clients in all situations.
- Strive to maintain professional competency through continuing education and training.

NREI utilizes a practical application approach to all projects throughout the design process to provide a well-rounded result. This methodology emphasizes the best overall solution, meeting all the client's needs, instead of just the best technical solution. We believe our small size provides a distinct advantage to our clients and affords us the freedom to easily team with the clients to achieve the overall best possible result.

## COMPANY PROFILE

### NGE CONSULTING

NGE Consulting is an award-winning engineering firm founded by a sibling team with 25+ years of experience. NGE pairs the personal touch of a family-owned business with highly qualified employees who possess a deep knowledge of their discipline. As a Woman-Owned Small Business, NGE is positioned to help clients meet their governmental contracting goals.

### NGE Consulting

- Geotechnical Engineering
- In-House Drilling Crews
- Laboratory Services
- Environmental Compliance
- Remediation
- Waste Management
- Construction Inspection
- Drill Cuttings Managements





### SCOPE OF WORK.

WVDEP is requesting, at a minimum the following services to be provided:

#### Design Work:

- Civil
- Geological
- Hydrological
- Survey
- Structural

#### Construction Oversight

- Daily Inspection
- Engineering Oversight, Support, Review, and Approval of Contractor-Provided As-Built
- Final Engineer's Certification Report

New River Engineers, Inc. (NREI) will provide any other services required by the Agency for the implementation of the projects.

## **PLAN OF APPROACH**

New River Engineers, Inc. (NREI) has been serving various communities for over 43 years. NREI believes in offering personal services as well as professional services. The following is a draft approach from project conception through project completion of the services NREI can provide.

NREI believes in a team approach for the development of projects. Therefore, our first task will be to meet with Agency officials to review existing data, reports, etc., and to ascertain the need of the specific project. Following data gathering, we will then evaluate alternatives and develop a cost-effective proposal that meets existing and future needs of a specific project. Throughout the process, Agency officials will be kept informed and involved in all important matters.

NREI will assist the Agency in preparation and submission of any funding application needs. Once the funding has been secured, we will then begin to develop detailed engineering drawings and specifications for the project. As information is gathered, it will be reviewed with Agency officials to allow comment and coordination as the project progresses. The project engineer will be involved during all phases of developing a project, obtaining funding, design, and construction to assure coordination with Agency personnel, and regulatory and funding agencies.

## **PRELIMINARY ENGINEERING REPORT**

Our next task will be the preparation of a Preliminary Engineering Report. Specifically, the report will be organized in accordance with regulatory and funding agency requirements as follows:

1. Introduction and Overview
2. Planning Area and Future Needs
3. Evaluation of the Existing System
4. Proposed Improvements/Upgrades
5. Alternate Solutions
6. Cost Estimates – Capital and O & M
7. Environmental Issues
8. Public Participation
9. Final Plan Selection
10. Implementation

Prior to publication of the final report, all information will be shared and reviewed with Agency officials to assure that concerns are addressed.

## **DESIGN PHASE**

NREI will prepare contract documents including plans and specification conforming to funding agencies requirements. Our design phase will be carried out as follows:

1. Define Existing Conditions
  - a. Assemble and evaluate data to eliminate conflicts and redundancy.
  - b. All major decisions regarding data will be discussed with Agency officials. Important data sources include, but are not limited to the following:
    - i. Agency Officials
    - ii. WV Department of Environmental Protection
    - iii. USDA Rural Development
    - iv. Soil Conservation Service
    - v. U.S. Corps of Engineers
    - vi. Local Citizens and Groups
2. Identify Project Work
  - a. Evaluate existing data, reports, and design drawings, if available
  - b. Evaluate existing site.
  - c. Evaluate environmental aspects.
  - d. Summarize existing problems and make presentation.
3. Preliminary Design
  - a. Preliminary layout of proposed project
  - b. Land surveys for mapping, rights-of-way, and / or land acquisitions
  - c. Coordination with the Agency, WVDEP, USDA-RD and WVDOH
  - d. Preliminary Cost Estimates
  - e. Preliminary review with the Agency
4. Final Design
  - a. Incorporate review comments from the Agency, WVDEP, USDA-RD, and other agencies
  - b. Prepare detailed specifications and final design report in accordance with state and federal guidelines.
  - c. Attend public meetings.
  - d. Prepare final cost estimates.
  - e. Secure permits from WVDEP, WVDOH, and other agencies
  - f. Prepare bid documents.
  - g. Conduct pre-bid conference.
  - h. Assist in advertising for bids, attend bid opening and assist in evaluation of bids with recommendations for awarding the construction of the project(s)

## **CONSTRUCTION PHASE**

NREI will provide the following services during the construction phase of the project:

1. Administrative Services
  - a. Assist and advise the Agency in the preparation of construction contracts for signature(s)
  - b. Issue a "Notice to Proceed" to the appropriate Contractor(s)
  - c. Provide consultation and advise the Agency during construction
  - d. Preparation of elementary and supplementary sketches and / or drawings required to resolve problems arising from actual field conditions encountered.
  - e. Review and approve shop drawings, diagrams, illustrations, brochures, catalog data, schedules, and samples, results of tests and inspections, other data which the contractor(s) is required to submit, but only for conformance with the design concept of the Project and compliance with the information given in the contract documents.
  - f. Receive and review maintenance and operating instructions, schedules, guarantees, bond, and certificates of inspections which are to be assembled by the contractor(s) in accordance with the contract documents.
  - g. Review and approve requests for periodic and final payments to the contractor(s)
  - h. Issue certificates of completion to the Agency for completed construction contracts.
  - i. Review original drawings and provide to the Agency a digital copy on disk and two (2) sets of black line prints of "as-built" plans
  - j. Advise the Agency whether the project can meet the project performance standards.
  - k. Attend monthly meetings during the construction period.
  - l. Represent the Agency in technical matters and litigation, if required
  - m. Provide engineering services during start-up of the facility.
  - n. Provide training to Agency employees for the operation of the new facility.
  - o. Provide one (1) year project performance certification.
2. Field Services
  - a. A Qualified Design Professional will make periodic visits to the site to observe the progress and quality of the executed work, and determine, in general, if the work is proceeding in accordance with the contract documents.
  - b. Efforts will be directed toward providing assurance to the Agency that the completed project will conform to the requirements of the contract documents.
  - c. Make general monthly construction progress reports to the Agency.
  - d. Observe initial operation of the project, or any performance tests as required by the specifications.

- e. Make final inspection and report on the completed project.
  - f. Advise the Agency of any special test or necessary outside services that may be required to assist construction of the project.
  - g. On the date, one (1) year after the initiation of the operation of the project, a Professional Engineer shall certify to the Agency whether the project can meet the project performance standards in accordance with requirements for the project.
3. Resident Inspection Services During Construction
- a. A Resident Project Representative(s) will be furnished for each construction contract (as a minimum) to provide extensive representation at the project site during the construction phase.
  - b. Through more extensive on-site observations of the work in progress and field checks of materials and equipment by the Resident Project Representative(s), the Agency will be provided further protection against defects and deficiencies in the work
  - c. In addition to the general duties outlined above, the Resident Project Representative(s) will:
    - i. Observe the installation of approved materials and equipment and construction techniques and procedures in accordance with contract documents.
    - ii. Aid in public relations activities as the construction progresses through private property.
    - iii. Monitor the construction schedule and report conditions which may cause delay in completion.
    - iv. Review contract documents with the contractor's superintendent
    - v. Obtain necessary interpretations and transmit them to the contractor.
    - vi. Consider the contractor's suggestions and recommendations, evaluate them, and submit them with recommendations for a final decision.
    - vii. Attend field meetings as directed and report on the proceedings.
    - viii. Observe tests required by the contract documents, and record and report test procedures and, where applicable, the results
    - ix. Maintain records at the construction site in an orderly manner, including correspondence, change orders, supplementary drawings, requests for payment, and names and addresses of contractors, subcontractors, and principal material suppliers.





- x. Keep a journal or logbook recording time and activities related to the project, weather conditions, nature and location of work being performed, verbal instructions and interpretations given to the contractor, and specific observations, record any occurrence of work that might result in a claim for a change of contract sum or contract time, and maintain a list of visitors, their titles, and time and purpose of their visit.
- xi. Review applications for payment submitted by the contractor and forward them with recommendations for disposition.
- xii. Prepare a punch list as construction nears completion and inform contractor of items on punch list.
- xiii. Assist in final inspection of the work.

### **SPECIAL SERVICES**

- 1. Land Surveys
  - a. Easements and right-of-way plat maps
  - b. Verify existing aboveground and underground utilities.
  - c. Construction stakeout of proposed improvements of connection with existing utilities
- 2. Attendance at Public Meetings to represent the Agency on technical matters.
- 3. Attendance at Technical Meetings with the Agency, DEP, etc.
- 4. Furnish technical assistance to the accountant and legal staff.
- 5. Provide technical testimony before courts and / or administrative hearings related to the project.



## PROJECT EXPERIENCE

1. **AML Carbondale (Hill) Portals Phase II – Recently Awarded (2022)**
  - **Description:** Engineering, Environmental Permitting, Design & Construction Management, Inspection, and Technical Services for a developing project to raise salmon utilizing the water stored in the abandoned Maple Meadow Mine.
2. **Maple Eagle Complex, Fayette / Kanawha County, WV**
  - **Description:** Engineering, Environmental Permitting, Design & Construction Management for a Surface Mine and Deep Mine Facility. Activities include: Environmental Permitting, Pond Design & Construction, Primary Haulroad / IUAR Design & Construction, Preparation of Mine Plans, Prospecting / Drilling Operations, Valley Fill Designs & Certifications, Excess Spoil Disposal Areas, Surface Mine Surveying Activities, Sediment Control Structures, Support for Excavation of Overburden & Removal of Coal, Underground Deep Mine Surveying, Preparation of Underground Mine Mapping, WVOMHS&T & MSHA Plans (including Ventilation, Ground Control, & Roof Control Plans), Underground Mine Seal Plans, SWORA Evaluations, Phase Maps, and Site Supervisor / Project Manager.
  - **Funding Source:** Maple Coal Co., Western Coal, Walter Resources, ERP Fuels, and currently Blackhawk Mining
  - **Project Cost:** Approximately \$8,500,000 to Current
  - **Project Status:** Started December 2005 and continues currently
3. **American Mining Group, Fayette County, WV**
  - **Description:** Engineering, Environmental Permitting, Design & Construction Management for a Surface Mine Facility. Activities include Environmental Permitting, Pond Design & Construction, Primary Haulroad / IUAR Design & Construction, Preparation of Mine Plans, Prospecting / Drilling Operations, Excess Spoil Disposal Areas, Surface Mine Surveying Activities, Sediment Control Structures, Support for Excavation of Overburden & Removal of Coal, WVOMHS&T & MSHA Plans (including Ground Control, Plans), SWORA Evaluations, Phase Maps, and Site Supervisor / Project Manager.
  - **Funding Source:** American Mining Group
  - **Project Cost:** Approximately \$850,000 to Current
  - **Project Status:** Started Circa 2018 and continues currently
4. **Marshall County Coal Preparation Plant Geotechnical Investigation (2022)**
  - **Description:** Oversaw and performed a geotechnical investigation for an expansion to the Marshall County coal preparation plant. Provided structural designers geotechnical parameters for shallow and deep foundations, included drilled caissons and driven piles.

5. **Cyprus Kanawha Corp, Fayette County, WV**
  - **Description:** Completed USACOE permitting requirements to expand a coal barge loading facility located on the Kanawha River. The expansion consisted of the construction of additional steel pile mooring cells, additional barge storage and increased loading speed of barges.
  - **Funding Source:** Cyprus Kanawha Corp
  - **Project Cost:** \$1,000,000
  - **Project Status:** Completed 1990 on Schedule
6. **United Coal Company, LLC (including Pocahontas Coal Company, LLC & Carter Road Coal Company), Raleigh, Wyoming, Randolph, & Upshur County, WV**
  - **Description:** Coal Mining/Environmental Planning, Permitting, and Coordination including; engineer site review and reconnaissance; mine layout and design; drainage design; haulage layout and design; spoil balance and reclamation design; stream delineation and USACE permitting and approvals; WVDEP permit submittals and approvals including Article 3, Article 11, and Storm Water Construction; on-site construction stakeout; surveying, both surface and underground; field management and on-site project coordination; as-built certifications; coal slurry impoundment and coarse refuse disposal management, coordination, surveying, and design; and daily contact and coordination between the company, field personnel, and office personnel to ensure the proper running of daily mining and environmental activities and needs for various on-going mining and environmental projects.
  - **Funding Source:** Private Business Coal Extraction & Sales
  - **Project Cost:** \$13,400,000 average for completed and on-going services
  - **Project Status:** Began Circa August 2006 and continues currently
7. **TC Energy, Various Locations, WV, OH, VA, PA, KY, MI, NY, NJ & Etc.**
  - **Description:** Engineering, Surveying and Drafting for Multiple Projects Across the Eastern United States. Provide Surveying, Engineering and Drafting Support for the Long Wall Program, HCA Wire-Line Program, HCA-Dig Program, HCA-Hydro Test Programs, and Right-Of-Way Program. Provide Engineering & Geotechnical for Hazardous Steep Slope Winch Plans for Construction Operations.
  - **Funding Source:** Private Business / TC Energy
  - **Project Cost:** Approximately \$3,500,000 and on-going
  - **Project Status:** Started Circa 2017 and continues currently



8. **Nitro Regional Wastewater Utility, Kanawha County, WV**
  - **Description:** Planning including preliminary engineer site and system review and assessment, design, and construction management of a sewer line extension and construction of a new Belt Filter Press Building and Belt Filter Press.
  - **Funding Source:** WVDEP-CWSRF
  - **Project Cost:** \$8,226,840, completed project approximately \$100,000 under budget and used savings to upgrade the wastewater treatment plant headworks
  - **Project Status:** Completed 2017
9. **City of Sistersville, Tyler County, WV**
  - **Description:** Planning including preliminary engineer site and system review and assessment, design, and construction management of a new wastewater collection system in the Hanford City area with pump station and related work.
  - **Funding Source:** WVDEP-CWSRF
  - **Project Cost:** \$1,100,000, completed project approximately \$100,000 under budget and used savings to replace approximately 800 LF of existing sewer line
  - **Project Status:** Completed 2014
10. **Kanawha PSD, Kanawha County, WV**
  - **Description:** Planning including preliminary engineer site and system review and assessment, design, and construction management of 6 miles of gravity sewer & force mains, two (2) pump stations and three (3) grinder pump stations for Winifrede Hollow.
  - **Funding Source:** WVDEP-CWSRF
  - **Project Cost:** \$5,370,000, completed project approximately \$450,000 under budget and used savings to purchase equipment, replaced diffusers in aeration basins at the WWTP, constructed a new laboratory
11. **Patriot Coal Corporation, Logan County, WV**
  - **Description:** Planning and design of a water line extension project which also included a water booster station and a 27,000-gallon water storage tank.
  - **Funding Source:** Patriot Coal Corporation
  - **Project Cost:** \$1,200,00
  - **Project Status:** Completed 2010

**12. Pocahontas Coal Company, Raleigh County, WV**

- **Description:** Planning and design of a water and sewer line extension project which also included wastewater pump station.
- **Funding Source:** Pocahontas Coal Company
- **Project Cost:** \$400,000
- **Project Status:** Completed 2010

**13. WVDOC Denmar Correctional Center, Pocahontas County, WV**

- **Description:** Planning, design, and construction management of the replacement of two (2) water storage tanks with one 300,000-gallon water storage tank.
- **Funding Source:** WVDOC
- **Project Cost:** \$600,000
- **Project Status:** Completed March 2015

**14. WVDNR Bluestone State Park, Summers County, WV**

- **Description:** Planning, design, and construction management of the replacement of water line which also included the two (2) pressure reducing stations.
- **Funding Source:** WVDNR
- **Project Cost:** \$450,000
- **Project Status:** Completed 2011

**15. Coonskin Park Flood Repairs, Kanawha County, WV**

- **Description:** Planning, design, and construction management of 160 LF of H-Pile wall, a 40 LF H-Pile wall, Replacement of three 18" culverts, Paving of approx. 2,800 LF of Elk River Trail, and Replacement of 105 LF of 36" HDPE storm pipe. Project cost of approx. \$1.85 million.

**16. Big Bend / Coonskin, Kanawha County, WV**

- **Description:** Planning and design for an embankment repair to address failed slope along the trail on the Elk River. Planning and design for an embankment repair to address failed slope that is adjacent to the Coal River in Tornado, WV

## PROJECT MANAGEMENT

With over 100 years of combined professional experience, the project team will be made up of the following personnel, along with the rest of New River Engineers, Inc.

Jessie O. Parker, Jr., P.E. Chief Executive Officer / Principal Engineer  
Email: jop@nreiww.com

Christopher D. Burford Chief Operating Officer  
Email: cburford@nreiww.com

D. Matt Shelton Vice President/ Project Manager  
Email: dms@nreiww.com

Michael Noel, NCARB Lead Architect  
Email: mike.noel5050@gmail.com

Ashok M. Sanghavi, P.E., DEE, QEP Senior Engineer  
Email: a.sanghavi@s-s-eng.com

Charles "Chuck" B. Kurzyna, P.E., P.S. Senior Engineer/ Surveyor  
Email: ckurzyna@nreiww.com

Eric T. Hartwell, P.E. Senior Engineer  
Email: eth@nreiww.com

Joshua D. Cook, P.E., PMP Senior Engineer  
Email: jdc@nreiww.com

Randy B. Crace, P.S. Senior Surveyor  
Email: r.crace@nreiww.com

Aaron Huston Junior Engineer / Project Manager  
Email: abh@nreiww.com

Noah Julian Junior Engineer / Project Manager  
Email: ngj@nreiww.com

Charles A. Morton, E.I.T./L.S.I.T. Junior Engineer/Junior Surveyor  
Email: cmorton@nreiky.com

Dylan L. Walker, E.I.T. Junior Engineer  
Email: dlw@nreiww.com

Md Ala Uddin, E.I.T., M. ASCE, M. SEI Junior Structural Engineer  
Email: mau@nreiww.com







## RESUMES OF KEY PERSONNEL



**Jessie O. Parker, Jr., P.E.**  
**CEO / Senior Engineer**

Mr. Parker began his career in 2003 working on a variety of environmental projects throughout West Virginia, Kentucky, Ohio, and Virginia. Mr. Parker has served in the capacity of Engineer, Project Manager, and Principal in Charge for a variety of projects at S & S. This experience includes environmental, water supply, wastewater, storm water and drainage projects. Mr. Parker's responsibilities include planning, design, and construction administration.

Mr. Parker also has experience in grading plans, construction management, payment request approvals, quantity & cost estimates, and has worked with City, Town & PSD personnel, regulatory and funding agencies, as well as contractors.

Mr. Parker has proven to move projects forward in a professional, cost-effective, and timely manner. Has extensive knowledge of the state and federal water supply, and wastewater laws and regulations and is very familiar with federal and state grant and loan programs.

### **EDUCATION**

#### **Bachelor of Science**

Civil Engineering  
West Virginia University Institute of Technology  
December 2002

#### **Master of Science**

Engineering  
Marshall University  
May 2006

### **CERTIFICATIONS**

Environmental Site Assessment  
Commercial Real Estate  
December 2016

Professional Engineer (WV)  
Professional Engineer (OH)  
Professional Engineer (KY)  
Professional Engineer (VA)  
Professional Engineer (MD)  
Professional Engineer (NC)  
Professional Engineer (SC)  
Professional Engineer (PA)  
Professional Engineer (TN)

### **PROFESSIONAL AFFILIATIONS**

Water Environment Federation  
American Water Works Association  
American Society of Civil Engineers  
Society of American Military Engineers  
West Virginia Rural Water Association  
Contractors Association of West Virginia





**Christopher D. Burford**  
**COO / Project Manager**  
**Green and Associates, LLC**  
**New River Safety, LLC**  
**Ellison Ridge Mining, LLC**

Mr. Burford has been with NREI for over fifteen years. As the Project Manager, he oversees Surface and Underground Mining Permit Applications, is the Manager of Surveying Crews, manages State and Federal Safety Plans and Permits, oversees Construction Oversight & Construction Management, and Mine Planning.

Green and Associates, LLC, St. Clairsville OH – manager and supervisor of survey crews and office personnel, business development, and coordination with clients on various projects.

New River Safety, LLC, – manager and Supervisor of safety instructors, electrical inspectors, and office personnel, business development, and coordination with clients and government entities.

Ellison Ridge Mining, LLC – management and oversight of various sub-contractors over mining, reclamation, and civil site construction projects, business development, and coordination with clients and government entities.

## **EDUCATION**

### **Associate of Science**

Civil Engineering Technology  
West Virginia University Institute of Technology  
May 2004

## **CERTIFICATIONS**

Certified Underground Coal Miner  
Certified Surface Coal Miner  
MSHA Certified Limited Instructor  
MSHA Certified Gravimetric Dust Sampling  
MSHA Certified Gravimetric Dust Calibration & Maintenance  
Heartsaver First Aid, CPR & AED Certified  
Safe Land USA PEC Safety  
MSHA – Methane / Oxygen Deficiency Qualified  
APNGA Portable Nuclear Gauge Safety & USDOT Hazmat Certified  
(REDACTED)  
APNGA Certificate of Achievement  
Radiation Safety Officer Class  
(REDACTED)

## **PROFESSIONAL AFFILIATIONS**

Contractors Association of West Virginia  
West Virginia Rural Waters Association  
West Virginia Coal Association  
Friends of Coal Association



**D. Matt Shelton**

**Vice President / Project Manager**

Mr. Shelton began his career in 2004 working in civil engineering fields such as site development, water supply, wastewater, storm water and drainage. Also has experience in surveying, construction management, record keeping, quantity and payment reviews, inspection and site grading. Having worked with general contractors, subcontractors, community representatives and residents, he has developed solid techniques to move the projects in a professional, cost-effective and timely manner.

Experienced in site grading, surveying, quantity surveys, building layout, water & sewer system design and construction inspection on civil engineering projects.

Experience as Engineering Technician including design of water line extensions, water booster stations, water storage tanks, wastewater pump stations, sewer line extensions, manholes, drainage calculations, and preparation of quantity and cost estimates.

Experience as Survey Technician / Instrument man includes topographic surveys, construction stakeout for water & sewer systems and highways, building layout, cut sheets for sewer systems, GPS surveying for field control work, etc.

## **EDUCATION**

### **Bachelor of Science**

Civil Engineering Technology  
West Virginia University Institute of Technology  
May 2005

## **CERTIFICATIONS**

Environmental Site Assessment  
Commercial Real Estate  
December 2016

## **PROFESSIONAL AFFILIATIONS**

Water Environment Federation  
Contractors Association of West Virginia



**Michael Noel, NCARB**  
**Registered Architect**  
**Michael Noel Architect, LLC**

Mr. Noel has been Principal of Michael Noel Architect, LLC for the past four years. Before establishing his firm, he was Senior Principal with Panich, Noel and Associates for 32 years.

#### **EXPERIENCE**

##### **REGISTERED ARCHITECT**

Responsible for day-to-day design and management of various construction types for the firm.

##### **CONSTRUCTION DOCUMENTS**

As the Partner in charge Mr. Noel has been partnered to oversee more than \$300 million dollars of construction documents varying from hotels, industrial buildings, churches, prisons, and higher and lower education.

##### **PROJECTS**

- Hotels: Morgantown-Holiday Inn - \$20,000,000  
Portsmouth- Holiday Inn Remodel - \$6,000,000
- Industrial: RXQ Compounding - \$5,000,000  
Logan Goodyear Plant - \$3,000,000
- Prisons: Septa Correctional Facility - \$4,500,000  
HVCRC Youth Prison and School - \$3,000,000
- Education: Athens City Schools Renovations, Roof Replacement, Additions, Bus Garage and Athlete Facilities Buildings - \$15,000,000.  
Trimble Schools Building Additions and Remodeling - \$400,000. Alexander Schools Renovations and Maintenance Facility - \$500,000. HVCRC Gymnasium and Classroom Design - \$3,000,000.

#### **EDUCATION**

##### **Bachelor of Arts in Architecture**

Ohio University  
May 1974

##### **Register NCARB**

1982

##### **Certifications**

Registered (WV) Professional  
Registered (OH) Professional  
Registered (IL) Professional  
Registered (FL) Professional

##### **Civic Affiliations**

Athens Rotary Club  
Boy Scouts of America  
Athletes in Action





**Ashok M. Sanghavi, P.E., DEE, QEP**  
**Senior Engineer / Quality Control Officer**

Over forty-six years of professional experience in civil engineering fields such as environmental, water supply, wastewater, solid wastes management, drainage, and mining. He has provided planning, design, construction management and technical expert testimony for environmental and general civil engineering projects. He has prepared Phase I environmental site assessments and carried out subsequent Phase II and Phase III remediation work. He has prepared environmental impact statements for state and federal highway projects. Having worked for the private industry as well as state government, he thoroughly understands both sides. He has extensive knowledge of the state and federal water supply, and wastewater laws and regulations and is also very familiar with federal and state grant and loan programs.

#### **West Virginia State Health Department**

- 1) Acting Chief, Wastewater Division
- 2) District Engineer
- 3) Water Supply Engineer

#### **EDUCATION**

##### **Master of Science**

Civil Engineering  
West Virginia University  
May 1970

Partial Course work for Ph.D.

#### **CERTIFICATIONS**

Professional Engineer (WV)

Diplomate - American Academy of  
Environmental Engineers

Qualified Environmental Professional, IPEP

#### **PROFESSIONAL AFFILIATIONS**

Water Environment Federation  
American Water Works Association  
American Society of Civil Engineers  
West Virginia Rural Water Association  
Contractors Association of West Virginia

#### **AWARDS**

Arthur Sidney Bedell Award,  
Water Environment Federation, 1993



**Charles "Chuck" Kurzyna, P.E., P.S.**  
**Senior Engineer / Senior Surveyor**

Mr. Kurzyna has over 30 years of engineering and management experience in the mining industry and consulting business. He specializes in surface and underground mine design, planning, and surveying; environmental and safety permitting; project and construction management.

Project Manager for a consulting engineering firm, responsible for job estimates and bidding, supervise office staff in engineering related projects including surface mine surveying, reclamation and permitting, reserve studies, etc.

Chief Engineer for a small mining and construction company, responsible for mine planning, production tracking, construction job bidding, construction engineering, etc.

Chief Engineer, Senior Engineer for the Lady Dunn Surface Mine & Preparation Plant; coal reserve evaluations; project engineering for mine related facilities; environmental permits for large surface and deep mining operation; etc.

## **EDUCATION**

### **Bachelor of Science**

Mine Engineering Technology  
West Virginia Institute of Technology  
May 1979

### **Associate of Science**

West Virginia Institute of Technology  
May 1977

## **CERTIFICATIONS**

Professional Engineer (WV)  
Professional Engineer (OH)  
Professional Engineer (PA)  
Professional Engineer (VA)  
Professional Engineer (KY)  
Professional Engineer (GA)  
Professional Surveyor (WV)  
Underground Mine Foreman  
Surface Mine Foreman

## **PROFESSIONAL AFFILIATIONS**

Contractors Association of West Virginia  
West Virginia Coal Association  
Friends of Coal Association  
Society of Mining Engineers



**Eric T. Hartwell, P.E.**  
**Senior Engineer**

Mr. Hartwell joined New River Engineers, Inc. in January 2023, and has over 25 years of experience in planning, design, and construction of environmental projects. Mr. Hartwell has a background in the design and construction of wastewater treatment and collection systems, water treatment and distribution systems, and industrial oil water separators. Mr. Hartwell was an integral part of the design team for several wastewater treatment plant upgrade projects and over 70 pump stations ranging in size from 5 to 7000 gallons per minute. He has also been involved in the design of multiple water treatment plants and pumping stations. Mr. Hartwell has been involved with the design and construction of water storage tanks and pressure reducing valve stations. Mr. Hartwell has worked on environmental projects throughout West Virginia. Mr. Hartwell has served in the capacity of Engineer and Project Manager, throughout his career. This experience includes environmental, water supply and distribution, wastewater collection and treatment, water loss and infiltration and inflow reduction projects. Mr. Hartwell's responsibilities include planning, design, construction administration, preparation of operation and maintenance manuals and operator training.

Mr. Hartwell also has experience in construction management, payment request review and approval, quantity & cost estimates, and has worked with City & PSD personnel, and regulatory agencies, as well as contractors.

## **EDUCATION**

### **Bachelor of Science**

Civil Engineering  
West Virginia Institute of Technology  
December 1995

### **Master of Science**

Civil Engineering  
West Virginia University  
December 1997

## **CERTIFICATIONS**

Professional Engineer (WV)



**Joshua D. Cook, P.E., PMP**  
**Morgantown Engineering Manager / Senior Engineer**  
**New River Engineers Inc.**

Josh began his professional career in 2012 and has worked on a variety of civil engineering projects throughout West Virginia, Ohio, Virginia, Maryland, and Pennsylvania. During his career, Josh has served as Project Engineer, Project Manager, and Engineering Manager for Coal and Natural Gas Companies and Municipal Engineering Consulting Firms, including New River Engineers.

Josh has experience in Environmental Remediation, Groundwater Protection Plans (including Spill Prevention, Control, and Countermeasure Plans), Stormwater Permitting and Design, Construction Management, Water, Wastewater, Storm Water, and a variety of Natural Gas Experience.

Josh has been successful in managing a variety of projects to remain on-time, on-budget, and compliant.

## **EDUCATION**

### **Bachelor of Science**

Civil Engineering  
West Virginia University Institute of Technology  
December 2012

### **Master of Science**

Engineering  
Marshall University  
May 2014

## **CERTIFICATIONS**

Professional Engineer (WV)  
Professional Engineer (OH)  
Project Management Professional (PMP)

## **PROFESSIONAL AFFILIATIONS**

American Society of Civil Engineers  
West Virginia Rural Water Association  
Business Networking International (BNI)  
Project Management Institute (PMI)





**Randy B. Crace, P.S.**  
**Senior Surveyor**

Mr. Crace began his career in 1983 working on a variety of surveying and engineering projects. Areas of concentration in boundary surveys, mapping, topography, subdivisions, annexations, right of ways, subdivision development, construction stakeout, aerial mapping controls, GPS-RTK survey control networks, oil and gas well locations, surface and underground mining permits, construction stakeout, hydrology, erosion and sediment control plans, storm water retention systems, site grading plans, parking lot layout, WVDOH driveway permits, Cad software programs, Geographic Information Systems, Phase I - ASTM environmental site assessment and expert witness testimony in the surveying field.

**U.S. Army - SP4**  
**Honorable Discharge - 1974**

## **EDUCATION**

### **Bachelor of Science**

Industrial Technology  
West Virginia State College, Institute  
December 1989

Master of Science Environmental Studies  
MUCGS, Institute of WV Partial Course Work

## **CERTIFICATIONS**

Environmental Site Assessment  
Commercial Real Estate Certification

[REDACTED]  
October 2001

ASTM E 1527-05 Phase I and USEPA AAI  
October 2006

ACSM Surveying Instrumentation and  
Coordinate Computation Certificate, 1978

Center College, Charleston, WV  
Technical Degree, Drafting – 1970

Professional Surveyor (WV)  
Professional Surveyor (KY)  
Professional Surveyor (OH)

## **PROFESSIONAL AFFILIATIONS**

West Virginia Association of Land Surveyors  
American Congress on Surveying & Mapping  
National Society of Professional Surveyors  
American Institute of Architects, WV



**Aaron B. Huston**  
**Junior Engineer**

Mr. Huston began his career at New River Engineers, Inc. in September 2019.

## **EXPERIENCE**

### **JUNIOR ENGINEER**

Responsibilities include site civil design, water, wastewater, & stormwater system design using Civil 3D. Projects include the development of multiple campgrounds with utilities and various water & sewer extension/ rehabilitation projects throughout West Virginia and Ohio.

Mr. Huston also has experience with permitting from various agencies including WVDEP, WVDHHR, WVDOH, OEPA, & local Railroads.

### **DENSITY TESTING INSPECTOR**

Density Testing Inspector for Advance Testing Company, Inc. – Campbell Hall, NY, responsibilities included handling Nuclear density gauge and performing density testing on asphalt for a variety of projects in New Jersey.

## **EDUCATION**

### **Bachelor of Science**

Civil Engineering  
West Virginia University May 2019

## **CERTIFICATIONS**

APNGA Portable Nuclear Gauge  
Safety & USDOT Hazmat  
APNGA Certificate of Achievement  
- Radiation Safety Officer Class  
Qualified Preparer of Stormwater Pollution  
Prevention Plans  
Qualified Compliance Inspector of Stormwater  
NYSHMA Density Testing Inspector  
Certified QC/QA HMA Technician  
OSHA

## **PROFESSIONAL AFFILIATIONS**

Contractors Association of West Virginia



**Noah Julian**  
**Junior Engineer**

Mr. Julian began his career at Alcon in 2021 working as a validation engineer on a variety of machines and processes for making intraocular lenses. Mr. Julian gained experience with PLC systems. This experience includes Allen Bradley systems, as well as PC Based systems. Mr. Julian also has experience with FDA guidelines and regulations for CSV systems, as well as the guidelines for installation, operational, and performance qualifications for equipment, whether it is new, retrofitted or revalidated. Mr. Julian's responsibilities include mechanical systems and design.

Mr. Julian also has experience with machine design, hydraulic system and component design for machines, 3D and 2D CAD drawings, and proficient with Microsoft Excel and VBA. Mr. Julian has also worked within MSHA guidelines for machines.

Mr. Julian has proven to move projects forward in a professional, cost-effective, and timely manner. He has extensive knowledge of machines and computers, as well as FDA and MSHA regulations.

## **EDUCATION**

### **Bachelor of Science**

Mechanical Engineering  
West Virginia University Institute of Technology  
May 2020



**Charles A. Morton, E.I.T., L.S.I.T.**  
**Junior Engineer/Junior Surveyor**

Mr. Morton commenced his engineering career in 2015 through internships, which served as a strong transition to full-time employment in 2019. Since then, he has been extensively involved in various facets of engineering projects, encompassing construction, utilities, surveying, traffic signals, and site design. He has contributed to a diverse range of projects in Kentucky, and Tennessee.

Serving both Project Engineer and Design Engineer, Mr. Morton has demonstrated proficiency in a variety of disciplines. From site design to the telecommunication infrastructure, with understanding of engineering principles and practices. Also creating layouts for stormwater, wastewater, and electric in coordination with the local utilities for preference. This has assisted with ensuring the success of a wide range of projects. His responsibilities encompass planning, coordination, design, and construction administration.

In addition, Mr. Morton possesses strong skills in grading, construction inspection, and the preparation of quantity and cost estimates. He has collaborated with municipalities, regulatory agencies, funding bodies, and contractors. His proactive communication style and collaborative spirit foster strong partnerships with stakeholders, facilitating streamlined project workflows and timely deliverables.

Mr. Morton has consistently advanced projects in a professional, cost-effective, and timely manner. His extensive experience with AutoCAD and Autodesk significantly bolsters his diverse background and knowledge. Furthermore, he has leveraged his expertise by directly in engineering practice and as a professor. As a professor instructing students across various proficiency levels in the fundamental and advanced features of these programs.

## **EDUCATION**

### **Bachelor of Science**

Civil Engineering  
University of Kentucky  
December 2017

### **Master of Science**

Civil Engineering  
University of Kentucky  
December 2019

## **CERTIFICATIONS**

KYTC Utility Coordination Training and Certification (2022)

Engineer In Training (KY)  
Land Survey In Training (KY)

## **PROFESSIONAL AFFILIATIONS**

American Society of Civil Engineers  
National Society of Professional Engineers





**Dylan L. Walker, E.I.T.**  
**Junior Engineer**

Mr. Walker began his engineering career in 2019 through internships, which led to full-time employment in 2021. Since then, he has been greatly involved in various bridge and drainage structure projects, encompassing bridge evaluation, bridge inspection, and bridge load analysis. He has contributed to a diverse range of projects in West Virginia.

Serving as Junior Engineer, Mr. Walker has demonstrated proficiency in a variety of roles, and duties in several disciplines, from wastewater to structures, with an understanding of engineering principles and practices. His skills and experience have assisted with ensuring the success of a wide range of projects. His responsibilities encompass planning, permitting, coordination, and construction administration.

In addition, Mr. Walker possesses strong skills in construction inspection, bridge inspection, and the preparation of quantity and cost estimates. He has inspected, prepared reports, and performed load analyses for numerous bridges during his career.

He has also collaborated with municipalities, regulatory agencies, and contractors. His attentive communication style and hands-on approach foster strong partnerships with stakeholders, facilitating streamlined project workflows and timely deliverables.

Mr. Walker has consistently advanced projects in a professional, cost-effective, and timely manner. His experience with AutoCAD, Autodesk, and AASHTOBrR significantly bolsters his diverse background and knowledge.

## **EDUCATION**

### **Bachelor of Science**

Civil Engineering  
West Virginia University  
May 2021

## **CERTIFICATIONS**

Engineer In Training (WV)

Safety Inspection of In-Service Bridges (NHI)

Fracture Critical Inspection Techniques for  
Steel Bridges (NHI)

Stream Stability and Scour at Highway  
Bridges for Bridge Inspectors (NHI)



**Md Ala Uddin, E.I.T, M. ASCE, M.SEI**  
**Junior Structural Engineer, NREI**

Md Ala Uddin is a civil and structural engineer with over five years of professional experience. Since February 2024, he has been serving as a Junior Structural Engineer at NREI, where he specializes in structural analysis and design. His expertise includes the design and analysis of various structural components, making him an asset in his field.

Professionally, Mr. Uddin has significant experience designing abutments, piers, micro-piles, piles, and retaining walls for bridges and roadways. He also possesses expertise in cost estimation, production rates, and subcontract cost comparisons, which are essential for preparing bid packages. His comprehensive skill set ensures the efficient and effective completion of complex engineering projects.

Before his current role, Mr. Uddin served as a Junior Structural Research Consultant at the Housing and Building Research Institute in Dhaka, Bangladesh. There, he analyzed and designed new building structures, reviewed existing as-built drawings, and assessed the vulnerability and structural integrity of building structures. His responsibilities included conducting various structural tests, such as flat plate tests for concrete slabs, brick-triplet tests, and concrete cylinder and cube tests. Additionally, as an Assistant Structural Designer at Shaheedullah and New Associates Ltd., he designed and analyzed high-rise buildings, managed concrete core testing, retrofitted building structures, estimated costs, managed construction sites, and coordinated project reports. For structural analysis and design, he has expertise in using design software such as STAADPro, ETABS, SAP-2000, ABAQUS, and AutoCAD for drawing.

## **EDUCATION**

### **Doctor of Philosophy (2021 to present)**

Civil Engineering, West Virginia University

### **Master of Science (July 2021)**

Civil-Structural Engineering  
Bangladesh University of Engineering and Technology, Dhaka-1000, Bangladesh

### **Bachelor of Science (Sept. 2017)**

Civil Engineering  
Bangladesh University of Engineering and Technology, Dhaka-1000, Bangladesh

## **CERTIFICATIONS**

Engineer In Training (EIT)

## **PROFESSIONAL AFFILIATIONS**

American Society of Civil Engineers (ASCE)  
Structural Engineering Institute (SEI)

## CLIENT REFERENCES

Mr. Ian Wise, Board President  
Syracuse-Racine regional Sewer District  
P.O. Box 201  
Racine, OH 46771  
(740) 949-2416

Mr. Jeremy Lewis, General Manager  
Nitro Regional Wastewater Utility (City of Nitro)  
P.O. Box 607  
Nitro, WV 25143  
(304) 755-3669

Mr. Jacob Pack, Executive Director  
Kanawha Public Service District  
P.O. Box 8  
Cabin Creek, WV 25035  
(304) 595-2203

Mr. Rob Palmatier, Capital Projects Manager  
Berkeley County Public Service Sewer District  
P.O. Box 944  
Martinsburg, WV 25402  
(304) 263-8344

Mr. Josh Perdew  
TC Energy  
700 MacCorkle Avenue, SE  
Charleston, WV 25314-1515  
(304) 722-8608

Mr. Jamie Hake  
Allegheny Contracting, LLC  
13374 Boot Jack Road  
Ridgway, PA 15853  
(814) 772-2525

Mr. Marty Blankenship, Fire Chief  
Glasgow Fire Department  
119 Tompkins Avenue  
Glasgow, WV 25086  
(304) 421-5101

Hon. Randy Evans, Mayor  
City of Jackson  
145 Broadway Street  
Jackson, OH 45640  
(740) 286-3492

Hon. Joetta Hatfield, Mayor  
Town of Fort Gay  
P.O. Box 336  
Fort Gay, WV 25514  
(304) 648-5246

Hon. Bill Rice, Mayor  
City of Sistersville  
200 Diamond Street  
Sistersville, WV 26175  
(304) 652-6361

Mr. John McNew  
United Coal Company  
109 Appalachian Dr.  
Beckley, WV 25801  
(304) 550-2324

Mr. Edward Brown  
Blackhawk Mining, LLC  
3228 Summit Square Place  
Lexington, KY  
(304) 590-2487

Mr. Bran Worley  
Contoura Energy, LLC  
208 Business Street  
Beckley, WV 25801  
(304) 929-6626

## SAFETY

In today's ever-changing workplaces, we place safety as an utmost necessity for all employees. We are fully committed to provide our employees with knowledge and training to complete all tasks in a professional manner and to prepare them with a safe and hazard free work environment.



**VERIFORCE**<sup>™</sup>  
INTEGRATED COMPLIANCE SOLUTIONS



## OUR TEAMING PARTNERS



Tempo Construction, LLC



Larson Design Group®

Larson Design Group



American Geotech, Inc.



Carr Excavating

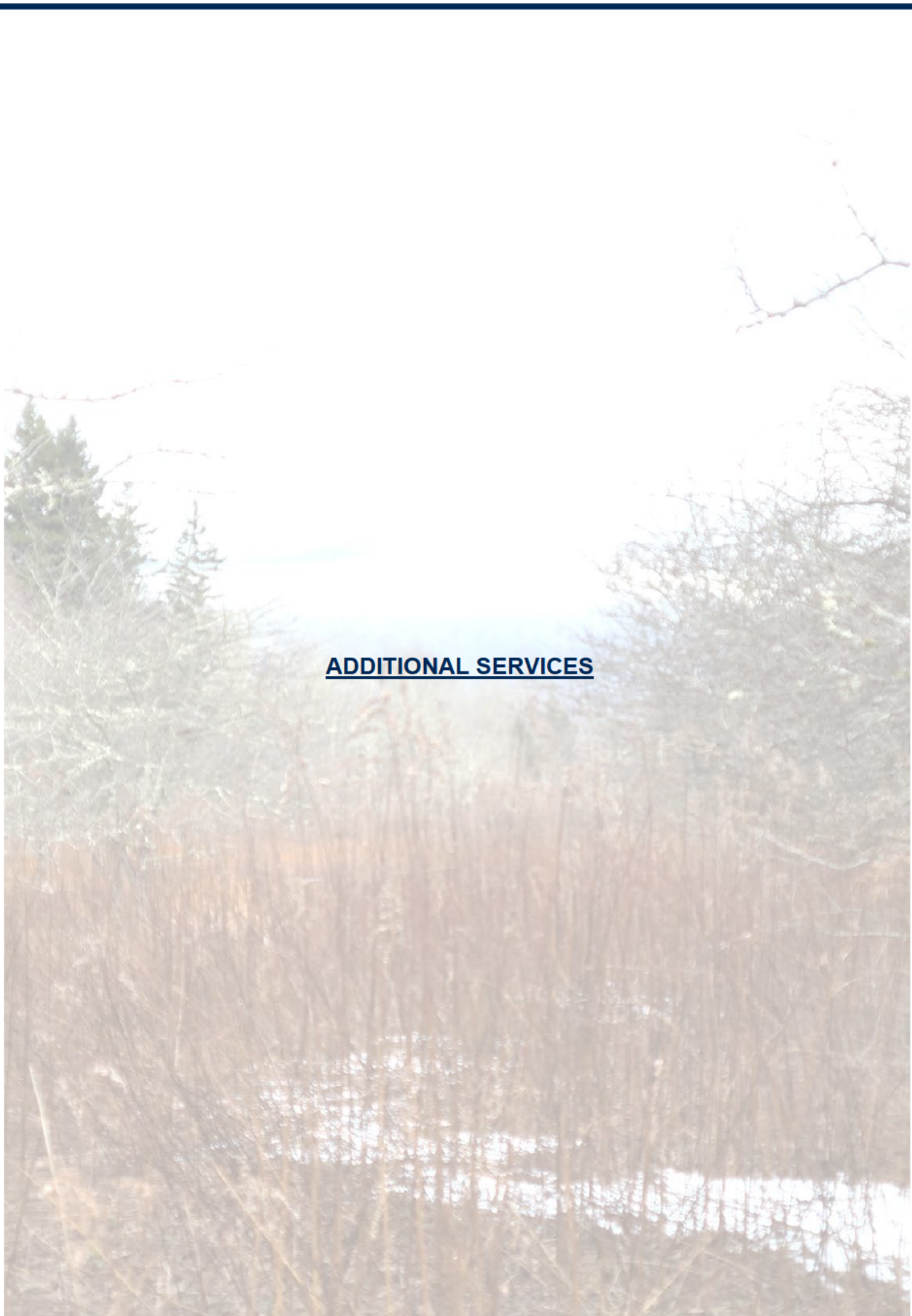


Allstar Ecology



Airport Design Consultants, Inc.





### ADDITIONAL SERVICES



# Water Supply, Treatment, Storage, and Distribution Systems

With over forty years of experience, we are your one stop shop for water supply, treatment, storage, and distribution systems. We implement our four-step process to each project to develop a better understanding of our client's needs and expectations: 1. Preliminary Engineering Report; 2. Design Phase; 3. Bidding Phase; 4. Construction Administration. We are "hands on" during all phases to ensure our clients obtain what they want in every project.

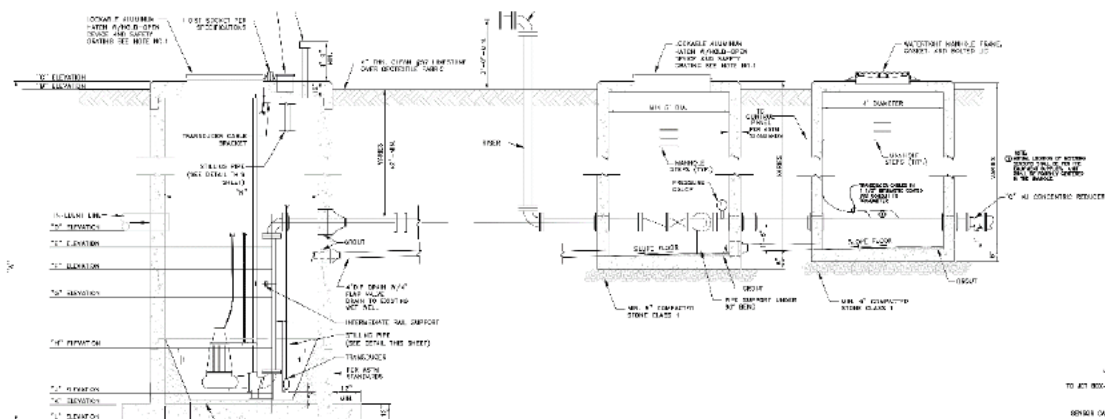
As a locally owned "small family" consulting firm, our clients get more for their money and receive more one-on-one time with our employees, which yields a more pleasurable experience. We excel in helping our clients ascertain funding from various governmental agencies to assist in the financing of the project.



# Wastewater Collection & Treatment Systems / Industrial and Hazardous Waste Treatment Systems

We recognize the importance and understands the hurdles that our clients must maneuver to offer wastewater service to their customers. We have a proven track record with a vast knowledge of local conditions and an excellent reputation with all regulatory, funding, permitting, and enforcement agencies. Our crew, from CAD Techs to the President, is included in all phases of the project. We have the knowledge and capacity to carry out the workload in a timely manner.

We have a full understanding of wastewater systems from small treatment facilities to municipalities, all the way to industrial wastewater systems. We are thoroughly knowledgeable in obtaining federal, state, and local funding, and are available to you 24/7. We will see your projects from conception to completion.





# Construction Management and Civil Site Design

We have been providing construction engineering solutions to our clients, including towns and municipalities for a combined total of over 60 years. We have established ourselves as one of the leading consulting firms in the area, and our experienced staff is committed and dedicated to your project from the initial site design and bid package development to inspections and certification.

We also offer Civil Site Design services including sub-division layouts, commercial development and design, HCA project areas, well pads, impoundments, street paving, drainage control, solid waste landfill, and impoundment design. We know and understand the value and importance of properly designed sites that offer the most cost effective and beneficial for our clients. Construction Management and Civil Site Design services include, but are not limited to the following:

- 3D Site Design
- Haulage & Access Road Design
- Excess Spoil Disposal Site Design
- Drainage Design and Runoff Calculations
- Solid Wastewater Management and Land Fill Design
- Subdivision Design and Permit Applications
- Site Development Plans
- Pre, During, & Post Construction Surveying
- HECRAS Modeling
- Stability analysis
- Site inspections / Project Management
- Certifications
- Cost Estimates
- Subdivision Design
- Street Paving Design and Drainage Control
- Construction Management
- Earth work quantity Estimates
- Construction Staking
- Concrete Testing and Inspection

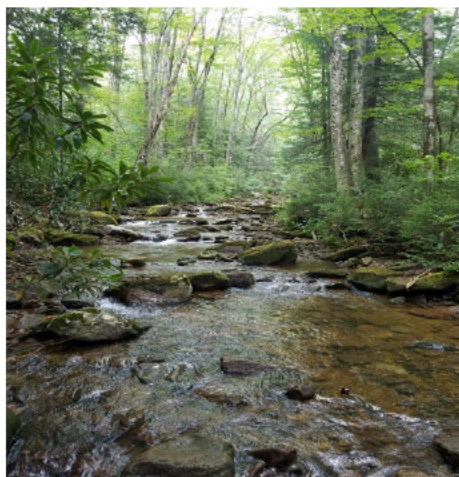


# Environmental Permitting

Environmental permitting has become a complex and confusing landscape. We have an efficient and thorough team of environmental consultants making sure permitting, regulatory compliance, construction monitoring, and biological surveying are done with the utmost quality and cost effectiveness. This will save your project time and money from the start and avoid costly delays in the future. Compliance with Clean Air and Water Acts, NEPA, and other state and federal requirements is invaluable to every project. Our attention to detail and practical solutions to complex issues are second to none. Our environmental permitting team will make sure once your project is off the ground, it stays there! Environmental Permitting services include but are not limited to the following:

## Environmental Permitting services

- Storm Water Permitting, Design, and Management
- Water Quality Monitoring
- Flood Plan Determination and Flood Elevation Certificates
- Groundwater Protection Plans
- Stream & Wetland Delineation
- Spill Prevention Control & Countermeasures Plan (SPCC)
- Article 3 Mining Permits
- Article 11 NPDES Permits
- West Virginia 401 Certification Permitting
- Wastewater Permitting, Design, & Management
- Clean water Act Section 402 Permitting (NPDES Permit)
- United States Army Corps of Engineers 404 Permitting
- Air Quality Permitting
- Best Management Practices (BMP) Planning

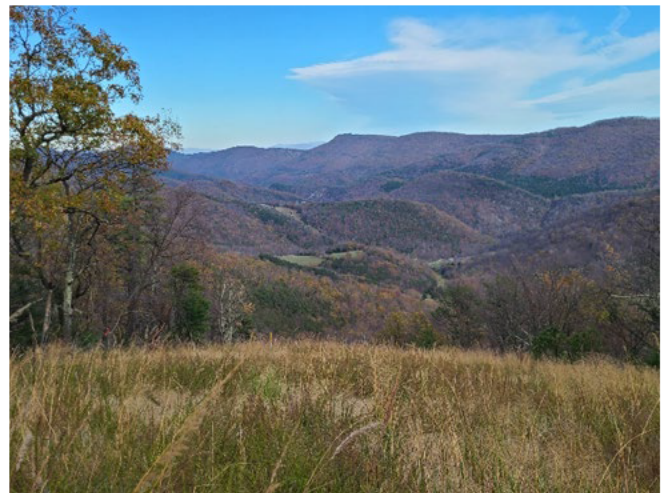




# Environmental Permitting (Cont.)

## Environmental Permitting Services

- Ohio State Historic Preservation Office (SHPO)
- National Environmental Policy Act (NEPA)
- US Environmental Protection Agency (EPA)
- National Conservation Planning Partnership (NRCS) & Forest Service
- United States Department of Agriculture (USDA) – Rural Development
- West Virginia Public Lands
- WV Department of Natural Resources (DNR)
- US Fish & Wildlife
- WV Culture & History
- Ohio Department of Natural Resources (DNR)
- Ohio environmental Protection Agency (DNR)
- Ohio Environmental Protection Agency (EPA)
- Ohio Public Works Commission (OPWC)
- Ohio Department of Commerce/Division of Industrial Compliance
- Virginia Department of Environmental Quality (DEQ)
- Federal Aviation Administration (FAA)
- EPA & WV DEP Compliance
- Environmental Site Assessment
- Local Agency Building / Construction



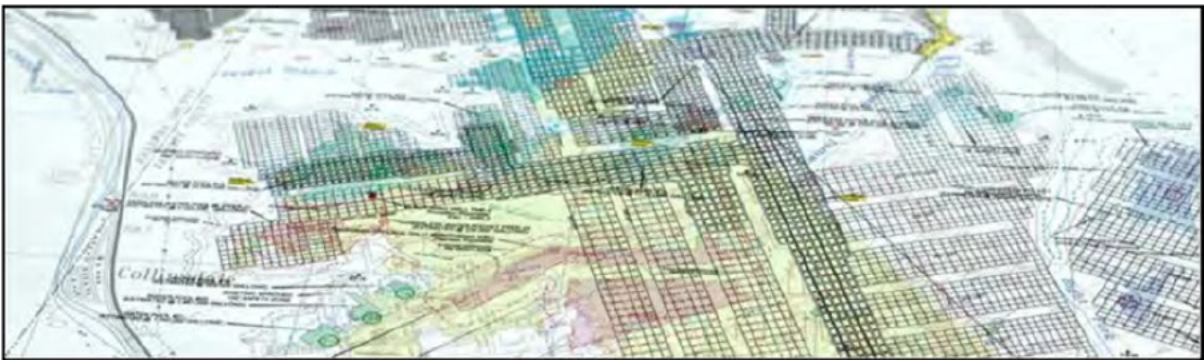


# Mining Engineering

We are a full-service surveying, engineering, and consulting firm with deep roots in the mining industry of southern WV. Our qualified staff of professional engineers, engineering technicians, and professional surveyors have decades of combined experience in the field of mining engineering. We have established ourselves as one of the areas' leading mining engineering firms – specializing in both surface and underground mine design / planning; surveying; environmental and safety permitting; and project / construction management. We put the focus on identifying the needs of clients and providing cost-effective solutions with real results.

## Mining Engineering Services

- Coal Reserve Analysis and Evaluation
- Surface Mine Design and Planning
- Mine Surveying and Mapping
- MSHA / WVOHS&T Permitting
- Ventilation Plans
- Roof Control Plans
- Mining Under Bodies of Water (1716 Permit)
- Horizontal Drilling
- Methane and Dust Control (MMU Plan)
- West Virginia Mineral Tax Appraisal
- Returns
- Pre-Blast Surveys
- Prospecting Permits & Releases
- Slope Stability Analysis
- Reclamation & Revegetation Planning
- Valley Fill Certifications
- Drainage Certifications
- Ventilation Plans
- MSHA Compliance
- MHS&T Compliance



# **Oil & Gas Engineering**

The natural gas boom in the US has brought a wealth of opportunity for energy companies in the United States. We have answered the call of these companies by providing solutions to the unique design, permitting, and environmental needs of the ever-evolving Oil and Gas Industries

Oil and Gas engineering requires a unique approach to project development that differs from mining engineering. Our experienced staff is available to consult with clients on the most practical and cost-effective manner of addressing oil and gas engineering concerns. With a professional staff encompassing surveying, AutoCAD, professional engineers, and engineering technicians – we have the capacity to tackle the most complex oil and gas engineering projects

## **Oil and Gas Engineering Services**

- Gas Well Plats and Permits
- Well Location and Stakeout
- Site Design
- Gas Line Surveys
- Unit Surveys
- HCA Project Areas
- Right-of-Way
- Impoundment Design, Construction, and Certification
- Access Road Design and Stakeout
- Construction Layout and Oversight
- Pumps & Water Line Design





# Geotechnical Engineering

We have professional engineers and engineering technicians with extensive geotechnical engineering experience. We specialize in compaction testing, foundation design, slope failure remediation and embankment design. We put the focus on identifying the needs of clients, and providing cost-effective solutions with real results

## Geotechnical Engineering Services

- Drilling Oversight, Management, and Inspection
- Slope failure Remediation
- Slope Stability Analysis
- Gabion Basket Wall Design
- Compaction Testing
- Foundation Design
- Embankment Design
- Drainage Analysis
- Soldier Pile Wall Design



# Structural Engineering

We offer a full range of structural engineering services to help meet the needs of our clients. In addition to professional training, our structural capabilities are bolstered by a depth and breadth of experience developed through solving unique and complex engineering challenges. We have experience with projects in the private, public, commercial, and industrial sectors. Whether designing new structures, retrofitting existing structures, addressing overstressed conditions, or assessing structural integrity, our clients can rest assured that we are capable of meeting their specific needs.

## Structural Engineering Services

- Structural Analysis
- Steel Structures and Building Enclosures
- Modular Design
- Pilings and Foundations
- Concrete Containment Structures
- Retrofit of Existing Overstressed Structures
- Building Permits and Code Analysis
- Bridge Cranes, Monorails, Jibs, etc.
- Truck/Rail Unloading Stations
- Lifting Beams and Rigging
- Industrial Architectural Design
- Structural Inspections and Assessments





# Surveying

We have established ourselves as one of the area's leading surveying firms with our 40+ years of experience in property, boundary, and topographic mapping. Our staff is skilled in courthouse research, finding property evidence, providing quality property surveys, and construction stake-outs.

Additionally, we offer aerial mapping utilizing drone surveys. Our aerial mapping has been proved to be invaluable for construction progress mapping, well pad progression, subdivision layouts, and civil site designs. Surveying services include, but are not limited to the following:

- Property Abstract & Research
- Boundary Surveys
- Survey Plats
- Subdivision Design & Layout
- Construction Surveying & Stakeout
- Underground Mining Surveying
- Right-of-Way & Land Acquisition
- GPS Services
- Aerial Mapping / Control
- Drone Flight & Surveying
- Topographical Surveys
- ALTA / ACSM Land Title Surveys
- Unit Surveys
- Surface Mining Surveying
- Computer Mapping
- GIS Services





# Subsurface Utility Survey

We use some of the most advanced technology in Ground Penetrating Radar (GPR), pipe and cable locators, and smoke testing machines to accurately survey, map and inspect subsurface utilities. These services have been extensively used by our clients in the construction, oil, and gas industries, as well as public service districts. Subsurface Utility Survey services include, but are not limited to the following:

- Pipe and Cable Location
- Sewer Line Smoke Testing
- Ground Penetrating Radar (GPR)
- Internal Video Pipe Inspection



# Fiberoptic Broadband Services

We team with Mountain State Fiber and Alpha Technologies company which is a registered WV CLEC and was founded in 2000 specializing in Wide Area and Local Area Networks. Mountain State Fiber and Alpha Technologies is headquartered in Hurricane, WV.

Working with a full service fiber optic firm, New River Engineers Inc. (NREI) and Mountain State Fiber can provide a whole host of services to our clients including, but not limited to the following:

- Build Specifications based on network
- PONs
- Metro Ethernet
- Support for Tier 1-3 Helpdesk— Technical questions, Network Outages, Internet engineering and routing
- Regulatory—Federal: FDOF, USAC, Erate, USDA; State: CLEC, PSC
- Complete understanding of Pole Attachment Process

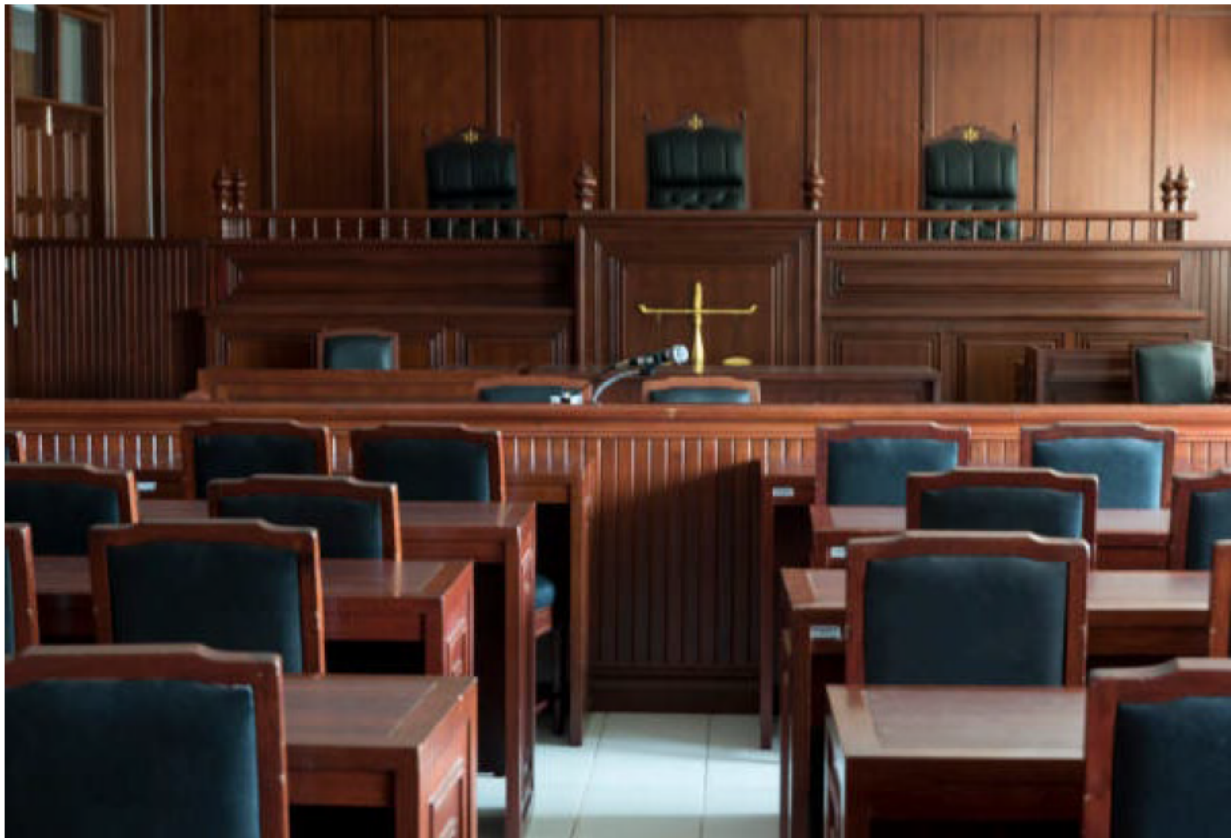
Resources	Security Audits	Support	Regulatory
<ul style="list-style-type: none"> <li>•Professional Engineers</li> <li>•Professional Surveyors</li> <li>•Network Engineers</li> <li>•Build Specifications based on network</li> <li>•PONs</li> <li>•Metro Ethernet</li> <li>•Ground Penetrating Radar</li> <li>•GIS Analyst</li> </ul>	<ul style="list-style-type: none"> <li>•HIPPA - Healthcare</li> <li>•SOC I and II</li> <li>•PCI – Credit Cards</li> <li>•FISMA</li> </ul>	<ul style="list-style-type: none"> <li>•Tier 1 Helpdesk – Address basic customer technical questions</li> <li>•Tier 2 Helpdesk – Network Outages and support</li> <li>•Tier 3 Helpdesk – Internet engineering and routing</li> </ul>	<ul style="list-style-type: none"> <li>•Federal</li> <li>•RDOF</li> <li>•USAC</li> <li>•Erate</li> <li>•USDA</li> <li>•State</li> <li>•CLEC</li> <li>•Interaction with PSC</li> <li>•Complete understanding of Pole Attachment Processes</li> </ul>

mountain state  
fiber



# Technical Expert Testimony

With over forty years of professional engineering experience, we are more than capable of providing expert witness testimony to our clients should a need arise. We have multiple registered professional engineers in various disciplines, and these professionals are licensed throughout the United States. We are more than willing and ready in an utmost resolute manner to defend our clients and ensure that their interests are represented in the courtroom







## WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION

## AML CONSULTANT QUALIFICATION QUESTIONNAIRE

Attachment "A"

PROJECT NAME AML - EOI Morgantown Airport Subsidence Phase II		DATE (DAY, MONTH, YEAR) 28 , October, 2024		FEIN 55-0764054					
1. FIRM NAME New River Engineers, Inc.		2. HOME OFFICE BUSINESS ADDRESS 501 Eagle Mountain Rd Charleston WV 25311		3. FORMER FIRM NAME					
4. HOME OFFICE TELEPHONE  304-342-7168	5. ESTABLISHED (YEAR)  1998	6. TYPE OWNERSHIP Individual      Corporation <input checked="" type="checkbox"/> Partnership      Joint-Venture		6a. WV REGISTERED DBE (Disadvantaged Business Enterprise) YES                      NO                      X					
7. PRIMARY AML DESIGN OFFICE: ADDRESS/ TELEPHONE/ PERSON IN CHARGE/ NO. AML DESIGN PERSONNEL EACH OFFICE  501 Eagle Mountain Road, Charleston WV 25311 / 304-342-7168 / Jessie O. Parker / 47									
8. NAMES OF PRINCIPAL OFFICERS OR MEMBERS OF FIRM  See attached			8a. NAME, TITLE, & TELEPHONE NUMBER - OTHER PRINCIPALS						
9. PERSONNEL BY DISCIPLINE									
<table style="width: 100%; border: none;"> <tr> <td style="width: 25%; vertical-align: top;"> <u>2</u> ADMINISTRATIVE  <u>1</u> ARCHITECTS  — BIOLOGIST  <u>4</u> CADD OPERATORS  — CHEMICAL ENGINEERS  — CIVIL ENGINEERS  <u>2</u> CONSTRUCTION INSPECTORS  <u>2</u> DESIGNERS  — DRAFTSMEN </td> <td style="width: 25%; vertical-align: top;"> — ECOLOGISTS  — ECONOMISTS  — ELECTRICAL ENGINEERS  — ENVIRONMENTALISTS  — ESTIMATORS  — GEOLOGISTS  — HISTORIANS  — HYDROLOGISTS </td> <td style="width: 25%; vertical-align: top;"> — LANDSCAPE ARCHITECTS  <u>1</u> MECHANICAL ENGINEERS  <u>2</u> MINING ENGINEERS  — PHOTOGRAMMETRISTS  — PLANNERS: URBAN/REGIONAL  <u>1</u> SANITARY ENGINEERS  — SOILS ENGINEERS  — SPECIFICATION WRITERS </td> <td style="width: 25%; vertical-align: top;"> <u>2</u> STRUCTURAL ENGINEERS  <u>22</u> SURVEYORS  — TRAFFIC ENGINEERS  — OTHER  1 - GIS Analyst    <u>56</u> TOTAL PERSONNEL </td> </tr> </table>						<u>2</u> ADMINISTRATIVE <u>1</u> ARCHITECTS — BIOLOGIST <u>4</u> CADD OPERATORS — CHEMICAL ENGINEERS — CIVIL ENGINEERS <u>2</u> CONSTRUCTION INSPECTORS <u>2</u> DESIGNERS — DRAFTSMEN	— ECOLOGISTS — ECONOMISTS — ELECTRICAL ENGINEERS — ENVIRONMENTALISTS — ESTIMATORS — GEOLOGISTS — HISTORIANS — HYDROLOGISTS	— LANDSCAPE ARCHITECTS <u>1</u> MECHANICAL ENGINEERS <u>2</u> MINING ENGINEERS — PHOTOGRAMMETRISTS — PLANNERS: URBAN/REGIONAL <u>1</u> SANITARY ENGINEERS — SOILS ENGINEERS — SPECIFICATION WRITERS	<u>2</u> STRUCTURAL ENGINEERS <u>22</u> SURVEYORS — TRAFFIC ENGINEERS — OTHER 1 - GIS Analyst  <u>56</u> TOTAL PERSONNEL
<u>2</u> ADMINISTRATIVE <u>1</u> ARCHITECTS — BIOLOGIST <u>4</u> CADD OPERATORS — CHEMICAL ENGINEERS — CIVIL ENGINEERS <u>2</u> CONSTRUCTION INSPECTORS <u>2</u> DESIGNERS — DRAFTSMEN	— ECOLOGISTS — ECONOMISTS — ELECTRICAL ENGINEERS — ENVIRONMENTALISTS — ESTIMATORS — GEOLOGISTS — HISTORIANS — HYDROLOGISTS	— LANDSCAPE ARCHITECTS <u>1</u> MECHANICAL ENGINEERS <u>2</u> MINING ENGINEERS — PHOTOGRAMMETRISTS — PLANNERS: URBAN/REGIONAL <u>1</u> SANITARY ENGINEERS — SOILS ENGINEERS — SPECIFICATION WRITERS	<u>2</u> STRUCTURAL ENGINEERS <u>22</u> SURVEYORS — TRAFFIC ENGINEERS — OTHER 1 - GIS Analyst  <u>56</u> TOTAL PERSONNEL						
TOTAL NUMBER OF WV REGISTERED PROFESSIONAL ENGINEERS IN PRIMARY OFFICE: <u>5</u> *RPes other than Civil and Mining must provide supporting documentation that qualifies them to supervise and perform this type of work.									
10. HAS THIS JOINT-VENTURE WORKED TOGETHER 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?
	X YES	Description and Number of Projects: <u>Various Projects/Daily We work daily with various mining clients to produce mining and reclamation plans. NREI has worked with Esmer and Assoc. on several AML jobs. NREI has worked with Special Rec on Fall Rock Surface Mine. NREI has recently been awarded the Carbondale Portals Project.</u>
		NO
	B.	Is your firm experienced in Soil Analysis?
	X YES	Description and Number of Projects: <u>Various Projects/Daily-Retaining Wall Design, Slope Reformation, Foundation Design, Slope Stability, Soil Classification.</u>
		NO
	C.	Is your firm experienced in hydrology and hydraulics?
	X YES	Description and Number of Projects: <u>Various/Daily-SWORA Assessments, HECRAS Modeling, Storm Water Collection Systems, Water Transportation System, Sanitary Sewer Collection, Treating &amp; Pumping Systems.</u>
		NO
	D.	Does your firm produce its own Aerial Photography and Develop Contour Mapping?
	X YES	Description and Number of Projects: <u>Daily Activity-NREI currently operates 2 Aerial Drone Systems to produce Aerial Mapping for our clients.</u>
		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.)
	X YES	Description and Number of Projects: <u>Various/Daily-Engineering/Desing/Construction of water treatment systems and water transportation systems (i.e. City o Sistersvill, Nitro, Fort Gay, etc.</u>
		NO
	F.	Is your firm experienced in Acid Mine Drainage Evaluation and Abatement Design?
	X YES	Description and Number of Projects: <u>Numerous-NREI has been involved in the design, engineering, carts of selenium Bic Reactor treatment systems, Iron/PH Retention Pumps and Aluminum Translator with several of our including: Maple Coal Company, Walter Resources, WWMV LLC, Blackhawk Mining, Met Inc., etc.</u>
		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:
Parker, Jessie O      CEO NREI		20+	20+

Brief Explanation of Responsibilities

Planning, design, construction administration, grading plans, construction management, payment request approvals, and quantity & cost estimates

EDUCATION (Degree, Year, Specialization)

REGISTRATION (Type, Year, State)

Bachelor of Science, Civil Engineering, 2002    Master of Science, Engineering, 2006

P.E - WV, OH, KY, VA, MD, NC, SC, PA, TN

Environmental Site Assessment Commercial Real Estate 2016

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS

Water Environment Federation, American Water Works Association, American Society of Civil Engineers, Society of American Military Engineers, West Virginia Rural Waters Association, Contractors Association of West Virginia

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:
Burford, Chris D      COO NREI	2	15	2

Brief Explanation of Responsibilities

Management of surface and underground mining permitting, plan and reclamation services. Over 10 survey crews, and daily activities.

Mining Cards with State and Federal Agencies. Management and oversight of subcontractors performing mining activities. Reclamation Act & Civil Site Construction.

EDUCATION (Degree, Year, Specialization)

Associate of Science, Civil Engineering Technology, 2004

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS

Contractors Association of West Virginia, West Virginia Rural Waters Association, West Virginia Coal Association, Friends of Coal Association

REGISTRATION (Type, Year, State)

N/A

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:
Cook, Joshua D., P.E., PMP		4	4

Brief Explanation of Responsibilities

Energy and municipal project manager including design and construction oversight

\_\_\_\_\_

\_\_\_\_\_

EDUCATION (Degree, Year, Specialization)

Bachelors of Civil Engineering, 2011      Masters of Engineering, 2014

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS	REGISTRATION (Type, Year, State) P.E., WV-2024, OH-2023, MI-2024, MD-2024
--	--

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:
Proctor, Michael, L Senior Engineer		16	1

Brief Explanation of Responsibilities

Worked on technical areas for surface mines and designed final reclamation for surface mines

\_\_\_\_\_

\_\_\_\_\_

EDUCATION (Degree, Year, Specialization)

Bachelor of Science 2005 Civil Engineering Technology    WVU Institute of Technology

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS	REGISTRATION (Type, Year, State)
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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:
Charles B. Kurzyna	2	15	2

Brief Explanation of Responsibilities

Owner/Principal of New River Engineering, Inc. 1998-2021 managed surveying and engineering staff of 20-30 employees working for the mining, construction, and oil and gas industries. Prior experience with various coal mining and construction companies for approximately 20 years.

EDUCATION (Degree, Year, Specialization)

BS Mining Engineering, 1979 Specializing in environmental permitting and surface and underground mine design.

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS

Friends of Coal Association, WV Coal Association  
SME, Contractors Association of WV

REGISTRATION (Type, Year, State)

PE (WV, Ohio, Virginia, Kentucky, Pennsylvania, Georgia  
PS (WV)

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:
Scriptunas II, Vincent W.	2	41	2

Brief Explanation of Responsibilities

Worked on technical areas of underground and surface mines. Design mine seals for deep mines to final reclamation of surface mine

EDUCATION (Degree, Year, Specialization)

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS

Bachelor of Science, 1981, Engineering of Mines

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:
Treadway, Benjamin E.	2 years	16 years	2 years

Brief Explanation of Responsibilities

Plan and design various coal mining related items including spoil fills, drainage ponds and ditches, culvert pipes, roadways, mine sites, regrade, etc.

EDUCATION (Degree, Year, Specialization)

Bachelor of Science, 2005, Civil Engineering Technology

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS

Contractors Association of West Virginia  
West Virginia Coal Association & Friends of Coal Association

REGISTRATION (Type, Year, State)

EIT, 2008, WV

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:
Shelton, David, M.			18

Brief Explanation of Responsibilities

Surveying, construction stakeout, construction inspection, project design, project estimation, project management

EDUCATION (Degree, Year, Specialization)

A.S., 2004, Civil Engineering Technology

B.S., 2005, Civil Engineering Technology

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS

WEF, CAWV, WVRWA

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:
Sanghavi, Ashok M., P.E.,DEE, QEP Senior Engineer	5	30	30

Brief Explanation of Responsibilities

Planning, Design, construction management, technical expert testimony for environmental and general civil engineering projects. Prepared Phase 1 environmental assessments , subsequent Phase II and Phase III remediation work.

EDUCATION (Degree, Year, Specialization)

Master of Science , Civil Engineering, 1970

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS

Water Environment Federation, American Water Works Association, American Society of Civil Engineers, WV Rural Water Association, Contract. Assoc. of WV

REGISTRATION (Type, Year, State)

P.E. - WV , Diplomat-American Academy of Environmental Engineers, Qualified Environmental Professional, IPEP

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)

14. PROVIDE A LIST OF SOFTWARE AND EQUIPMENT AVAILABLE IN THE PRIMARY OFFICE WHICH WILL BE USED TO COMPLETE AML DESIGN SERVICES

Equipment : Trimble R10 GPS / RTK survey grade GPS Systems, TopCon / Nikon total stations, Phantom Drone Systems, Leica GPR Cort, Leica Pipe and Cable Locaters,

Robotic Total Stations, Trexler Nuclear Density Gauge, various surveying support tools, pick-up trucks, geothermal drill rigs, and laboratory support.

Software : Microsoft Office Suites, AutoCAD Map 3D, AutoCAD Civil 3D, Carlson SurvCAD, Rec Science Slide 2D, Adobe, SedCAD (hydrology),

Reme 2K , HECRAS, Trimble Business Cutter, Drone Processing, Leica Overture.

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
Maple Eagle Complex Fayette/Kanawha County, WV	Currently Blackhawk Mining	Engineering, Design, Survey Permitting for surface/ underground/ reclamation active	\$8,500,000 Currently	Daily/On-Going
American Mining Group	Kevin Jordan PO Box 33 Spring Dale, WV 25986	Engineering, Design, Survey Permitting for surface/ underground/reclamation active	\$950,000 Currently	Daily/On-Going
United Coal	109 Appalachian Drive Beckley, WV 25801	Engineering, Design, Survey Permitting for surface/ underground/reclamation active	\$13,500,000 Currently	Daily/On-going
Marshall County Coal Co.	46226 National Road West St.Clairsville, OH 43950	Overseen and Performed a geotechnical investigation for expansion of plat	\$40,000 Currently	95%
AML Carbondale	WV DEP	Engineering, Design of mine portal Reclamation	TBD	0% - Recently Awarded
Nitro Regional	City of Nitro PO Box 607 Nitro, WV 25143	Engineering, Design, Construction Management	\$3,600,000	50% complete of design phase/on-going
City of Sistersville	Hon. Bill Rice, Mayor 200 Diamond Street Sistersville, WV 26175	Replacement of 3600 ft water line. Installation of 250 Gallon water booster station	\$3,000,000	95%/on-going
TOTAL NUMBER OF PROJECTS:		TOTAL ESTIMATED CONSTRUCTION COSTS: \$		
Various/Numerous		Ongoing		



16. CURRENT ACTIVITIES ON WHICH YOUR FIRM IS SERVING AS A SUB-CONSULTANT TO OTHERS

[illegible]

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)
Coonskin Wall	Kanawha County Parks & Recreation Commission 375 Henry C Hoppy Shores Drive Charleston, WV 25302	\$2,500,000		Yes
Fraye Creek Surface/Underground Mining Fayette County, WV	Frasure Creek Mining PO Box 100 Oak Hill, WV 25901	\$1,500,000	2018	Yes
TC Energy	700 MacCorkle Ave, SE Charleston, WV 25314-1515	\$1,900,000	2020	Yes
Walter Resources, Maple Complex Fayette County, WV	Currently Blackhawk Mining LLC 250 West Main Street, Suite 2000 Lexington, KY 40507	\$3,750,000	2019	Yes
American Tower Corporation	1222 Harmony Rd, Gandeeville, WV 25243	\$750,000	2020	Yes
Nitro Regional	City of Nitro PO Box 607 Nitro, WV 25143	\$8,300,000	2017	Yes
WVDEC Denmar	4319 Denmar Road Hillsboro, WV 24946	\$600,000	2017	Yes

18. 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
N/A					

19. 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.

20. The foregoing is a statement of facts.

Signature: 

Title: \_\_ CEO \_\_

Date: 10/28/2024

Printed Name: \_\_ Jessie O. Parker, Jr. \_\_

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/Mitigation/ Replacement	Construction Inspection/Managem ent	Water Treatment	Equipment/Structure Removal	Stream Restoration	Geotechnical/Stability	CHRIS BURFORD	CHUCK KURZYNA	BEN TREADWAY	VINCE SCRIPTUNAS	CHARLES STROPE	JESSIE PARKER
Maple Eagle			Y	Y	Y	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	N	Y	M	P	M	M	P	
AMG			N	N	N	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	N	Y	M	P	M	M	M	
Marshall Coal Co.			N	N	N	Y	N	N	Y	N	Y	N	Y	N	Y	N	Y	M		M	M	P	P
AML Carbondale			TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Cyprus Kanawha			Y	Y	Y	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	N	Y		P		M		
United Coal			Y	Y	Y	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	N	Y	M	P	M	M	P	
TC Energy			N	N	N	Y	N	N	Y	Y	Y	Y	Y	Y	N	N	Y	M	P	M	M	P	P
Nitro Regional			N	N	N	Y	N	N	N	N	Y	Y	Y	N	N	N	Y	M				M	P
City of Sistersville			N	N	N	Y	N	N	N	N	Y	Y	Y	Y	N	N	Y	M				P	P
KPSD			N	N	N	Y	N	N	N	N	Y	Y	Y	Y	N	N	Y	M				M	P
Patriot Coal Co.			N	N	N	Y	N	N	N	N	Y	Y	Y	Y	N	N	Y	M					P

\* 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.

Attachment "B"



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

**Attachment "A"**

PROJECT NAME:		DATE: June 21, 2022		FEIN: 52-2365940					
1. FIRM NAME: Novel Geo-Environmental, LLC		2. HOME OFFICE BUSINESS ADDRESS: 171 Montour Road Moon Township, PA 15108		3. FORMER FIRM NAME:  NA					
4. HOME OFFICE TELEPHONE:  (412) 722-1970		5. ESTABLISHED:  2002	6. TYPE OWNERSHIP  Limited Liability Corporation	6a. WV REGISTERED DBE:  YES					
7. PRIMARY AML DESIGN OFFICE: ADDRESS/ TELEPHONE/ PERSON IN CHARGE/ NO. AML DESIGN PERSONNEL EACH OFFICE: <div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> 650 Macorkle Ave SW  St. Albans, WV 25177  304-201-5180 </div> <div style="width: 70%;"> Office Manager: John E. Nottingham, P.E.  No. AML Design Personnel in St. Albans, WV: 6  No. AML Design Personnel in Moon Township, PA : 2 </div> </div>									
8. NAMES OF PRINCIPAL OFFICERS OR MEMBERS OF FIRM: Amy L. Veltri - CEO John E. Nottingham - President			8a. NAME, TITLE, & TELEPHONE NUMBER - OTHER PRINCIPALS						
9. PERSONNEL BY DISCIPLINE ( <b>Bold Lettering Indicates Minimum Design Team Members</b> )									
<table style="width: 100%; border: none;"> <tr> <td style="width: 25%; vertical-align: top;"> <u>3</u> <b>ADMINISTRATIVE</b>  — ARCHITECTS  — BIOLOGIST  <u>1</u> <b>CADD OPERATORS</b>  — CHEMICAL ENGINEERS  <u>5</u> <b>CIVIL ENGINEERS</b>  <u>9</u> <b>CONSTRUCTION INSPECTORS</b>  — DESIGNERS  — DRAFTSMEN </td> <td style="width: 25%; vertical-align: top;"> — ECOLOGISTS  — ECONOMISTS  — ELECTRICAL ENGINEERS  <u>2</u> <b>ENVIRONMENTALISTS</b>  — ESTIMATORS  <u>2</u> <b>GEOLOGISTS</b>  — HISTORIANS  — HYDROLOGISTS </td> <td style="width: 25%; vertical-align: top;"> — LANDSCAPE ARCHITECTS  — MECHANICAL ENGINEERS  — MINING ENGINEERS  — PHOTOGRAMMETRISTS  — PLANNERS: URBAN/REGIONAL  — SANITARY ENGINEERS  2 SOILS ENGINEERS  — SPECIFICATION WRITERS </td> <td style="width: 25%; vertical-align: top;"> — STRUCTURAL ENGINEERS  — SURVEYORS  — TRAFFIC ENGINEERS  <u>8</u> <b>DRILLERS &amp; HELPERS</b>  <u>4</u> <b>OTHER PERSONNEL</b>    <u>35</u> TOTAL PERSONNEL </td> </tr> </table>						<u>3</u> <b>ADMINISTRATIVE</b> — ARCHITECTS — BIOLOGIST <u>1</u> <b>CADD OPERATORS</b> — CHEMICAL ENGINEERS <u>5</u> <b>CIVIL ENGINEERS</b> <u>9</u> <b>CONSTRUCTION INSPECTORS</b> — DESIGNERS — DRAFTSMEN	— ECOLOGISTS — ECONOMISTS — ELECTRICAL ENGINEERS <u>2</u> <b>ENVIRONMENTALISTS</b> — ESTIMATORS <u>2</u> <b>GEOLOGISTS</b> — HISTORIANS — HYDROLOGISTS	— LANDSCAPE ARCHITECTS — MECHANICAL ENGINEERS — MINING ENGINEERS — PHOTOGRAMMETRISTS — PLANNERS: URBAN/REGIONAL — SANITARY ENGINEERS 2 SOILS ENGINEERS — SPECIFICATION WRITERS	— STRUCTURAL ENGINEERS — SURVEYORS — TRAFFIC ENGINEERS <u>8</u> <b>DRILLERS &amp; HELPERS</b> <u>4</u> <b>OTHER PERSONNEL</b>  <u>35</u> TOTAL PERSONNEL
<u>3</u> <b>ADMINISTRATIVE</b> — ARCHITECTS — BIOLOGIST <u>1</u> <b>CADD OPERATORS</b> — CHEMICAL ENGINEERS <u>5</u> <b>CIVIL ENGINEERS</b> <u>9</u> <b>CONSTRUCTION INSPECTORS</b> — DESIGNERS — DRAFTSMEN	— ECOLOGISTS — ECONOMISTS — ELECTRICAL ENGINEERS <u>2</u> <b>ENVIRONMENTALISTS</b> — ESTIMATORS <u>2</u> <b>GEOLOGISTS</b> — HISTORIANS — HYDROLOGISTS	— LANDSCAPE ARCHITECTS — MECHANICAL ENGINEERS — MINING ENGINEERS — PHOTOGRAMMETRISTS — PLANNERS: URBAN/REGIONAL — SANITARY ENGINEERS 2 SOILS ENGINEERS — SPECIFICATION WRITERS	— STRUCTURAL ENGINEERS — SURVEYORS — TRAFFIC ENGINEERS <u>8</u> <b>DRILLERS &amp; HELPERS</b> <u>4</u> <b>OTHER PERSONNEL</b>  <u>35</u> TOTAL PERSONNEL						
TOTAL NUMBER OF WV REGISTERED PROFESSIONAL ENGINEERS IN PRIMARY OFFICE: <u>4</u> *RPes other than Civil and Mining must provide supporting documentation that qualifies them to supervise and perform this type of work.									
10. HAS THIS JOINT-VENTURE WORKED TOGETHER BEFORE?			NO						

11. OUTSIDE KEY CONSULTANTS/SUB-CONSULTANTS ANTICIPATED TO BE USED. Attach "AML Consultant Confidential Qualification Questionnaire" for each if copy is not on file with AML.

[illegible]

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

NO: Note that Novel Geo-Environmental (NGE) has not performed any AML design work to date, but our WV Office Manager (John E. Nottingham) and project geologist (Chuck Montgomery) have extensive AML experience with their former firm. Additionally, NGE has held contracts with WVDEP-AML for geotechnical drilling for the northern and southern districts of WV and has completed several drilling projects under this contract.

B. Is your firm experienced in Soil Analysis?

YES: NGE specializes in Geotechnical Engineering including foundation investigations, subsurface investigations, cut slope design, fill embankment analysis and design, slope stability analysis, landslide analysis and corrective design, mine subsidence investigations, geologic studies, groundwater seepage analysis, foundation design, retaining wall design, pavement design, subsurface drilling and monitoring well installation. NGE has performed a total of several thousand geotechnical engineering related projects since the company was formed in 2002.

C. Is your firm experienced in hydrology and hydraulics?

NO: While our firm has not performed any hydrology/hydraulics projects to date, our personnel have experience with former employers.

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

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.)

NO

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

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:
Nottingham, John, E.	12	4	0

Brief Explanation of Responsibilities

Mr. Nottingham was responsible for supervising field and design work for numerous AML related landslide abatement projects for the WVDEP while under the employment of Triad Engineering, Inc. In addition to landslide abatement projects, Mr. Nottingham was involved in subsidence determination investigations and subsidence abatement projects. Mr. Nottingham worked extensively on "emergency" projects which required quick field investigations and corrective designs.

EDUCATION (Degree, Year, Specialization)

Bachelor of Science in Civil Engineering, 1987, WVU, Specialization - Civil and Geotechnical Engineering  
Masters of Science in Civil Engineering, 1995, WVU, Specialization - Geotechnical Engineering

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS

American Society of Civil Engineering (ASCE)  
West Virginia Chapter of AIA

REGISTRATION (Type, Year, State)

Professional Engineering, 1994, WV  
Professional Engineering, 2007, VA  
Professional Surveyor, 1996, WV

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:
Montgomery, Charles, E.	10	4	0

Brief Explanation of Responsibilities

Mr. Montgomery was responsible for coordinating field activities for AML landslide abatement projects for the WVDEP while employed with Triad Engineering, Inc. Mr. Montgomery has also participated in all project phases for other AML work involving subsidence determinations/abatement and impounded mine pools.

EDUCATION (Degree, Year, Specialization)

Bachelor of Science, Geology, 1991, Marshall University

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS

Association of Engineering Geologists  
Geological Society of America

REGISTRATION (Type, Year, State)

Professional Geologist, 1999, Kentucky



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.) Nottingham, Larry C.	YEARS OF EXPERIENCE		
	YEARS OF AML DESIGN EXPERIENCE: 15	YEARS OF AML RELATED DESIGN EXPERIENCE: 5	YEARS OF DOMESTIC WATERLINE DESIGN EXPERIENCE: 0

Brief Explanation of Responsibilities

Dr. Nottingham planned and supervised several AML investigation and reclamation projects for WVDEP while employed by Triad Engineering. Projects included burning refuse pile investigations, unstable refuse pile investigations and remedial designs, landslide investigations and remedial designs, subsidence investigations, and underground mine fire investigations.

EDUCATION (Degree, Year, Specialization)  
 Bachelor of Science in Civil Engineering, 1965, Civil Engineering, West Virginia Institute of Technology  
 Master of Science in Civil Engineering, 1966, Geotechnical Engineering, University of Pittsburgh  
 Doctor of Philosophy, 1975, Geotechnical Engineering, University of Florida

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS	REGISTRATION (Type, Year, State)
Member, American Society of Civil Engineers	Professional Engineer, 1969, WV
Member, National Society of Professional Engineers	Professional Engineer, 1985, KY
	Professional Engineer, 1985, OH
	Professional Engineer, 2006, PA

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.) Brown, Gene	YEARS OF EXPERIENCE		
	YEARS OF AML DESIGN EXPERIENCE: 5	YEARS OF AML RELATED DESIGN EXPERIENCE: 5	YEARS OF DOMESTIC WATERLINE DESIGN EXPERIENCE: 0

Brief Explanation of Responsibilities

Mr. Brown was responsible for coordinating field activities for AML landslide abatement projects for the WVDEP while employed with Terradon, Corp. Mr. Brown has also participated in all project phases for other AML work involving subsidence determinations/abatement.

EDUCATION (Degree, Year, Specialization)  
 Bachelor of Science in Civil Engineering Technology, 2000, Bluefield State College  
 Bachelor of Science in Architectural Engineering Technology, 2000, Bluefield State College

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS	REGISTRATION (Type, Year, State)
	Professional Engineer, 2008, WV
	Licensed Remediation Specialist (LRS), WV

14. PROVIDE A LIST OF SOFTWARE AND EQUIPMENT AVAILABLE IN THE PRIMARY OFFICE WHICH WILL BE USED TO COMPLETE AML DESIGN SERVICES

Five rotary track-mounted drill rigs. Drills are equipped with hollow stem augers, split-spoon soil sampling equipment, and rock coring tools.

Portable dynamic cone penetrometer.

Electric concrete coring drill.

Two rollback trucks, one road tractor with trailer and two equipment hauling trailers.

Software includes: Word processing, PCSTABL - Slope Stability Analysis, LPILE Plus 4.0 - Pile Foundation Analysis, PYWALL 2.0 - Retaining Wall Analysis, ReSSA 2.0 - Reinforced Soil Slope Analysis, ReSlope 3.0 - Reinforced Soil Slope Design

Soil Laboratory Equipment: Soil Oven, Scales, Sieves, Liquid and Plastic Limits Machine, Direct Shear Machine, Unconfined Compression Machine, Point Load testing.

## 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
Riggins Run Road Pile Wall, Geotechnical Investigation, Doddridge County, WV	Antero, Denver CO	Perform subsurface investigation, pile wall design and construction drawings.	\$300,000	100
Annual Geotechnical Drilling Contract, West Virginia DOT	West Virginia Department of Transportation	Perform geotechnical (drilling) investigations as directed by WVDOT personnel.	Unknown	70
TOTAL NUMBER OF PROJECTS: 2			TOTAL ESTIMATED CONSTRUCTION COSTS: \$ Unknown	

## 16. CURRENT ACTIVITIES ON WHICH YOUR FIRM IS SERVING AS A SUB-CONSULTANT TO OTHERS

PROJECT NAME, TYPE AND LOCATION	NATURE OF FIRMS RESPONSIBILITY	NAME AND ADDRESS OF OWNER	ESTIMATED COMPLETION DATE	ESTIMATED CONSTRUCTION COST	
				ENTIRE PROJECT	YOUR FIRMS RESPONSIBILITY
Long Run #3, Geotechnical Investigations, Taylor Co, WV	Determine Site Subsurface Conditions, Provide Remediation Design Recommendations.	WV DEP AML	Current	Unknown	Fee \$63,000
MAJ8 Well Pad, Geotechnical Investigations, Marshall Co, WV	Determine Site Subsurface Conditions, Provide Construction Recommendations	CNX	December, 2022	Unknown	Fee ≈ \$85,000
WVUM CEP Building Geotechnical Investigations, Marion Co, WV	Geotechnical Investigation for New Building Structure	WVUM	May, 2020	Unknown	Fee \$28,000
MSHA MEO Building Geotechnical Investigations, Tridelphia, WV	Determine Site Subsurface Conditions, Provide Foundation Design Recommendations.	MSHA	Current	Unknown	Fee ≈ \$19,000
Col Justice Chambers Bridge, Geotechnical Investigation, Huntington, WV	Determine Site Subsurface Conditions, Provide Foundation Design Recommendations	West Virginia Dept. of Highways, Charleston, WV	Current	Unknown	Fee \$100,000
I-64 Merrits Creek Design, Geotechnical Investigation, Cabell County, WV	Perform subsurface investigation, develop and provide recommendations for bridge foundations and roadway design	West Virginia Dept. of Highways, Charleston, WV	Current	Unknown	Fee ≈ \$340,000



17. COMPLETED WORK WITHIN LAST 5 YEARS ON WHICH YOUR FIRM WAS THE DESIGNATED ENGINEER OF RECORD

[illegible]

18. 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
Gerald R Freeman Bridge, Geotechnical Investigation, Braxton Co, WV	WV Department of Highways Charleston, WV	\$5,000,000	2019	In Process	Mead and Hunt
Parkersburg Flood Wall and Levee, Geotechnical Investigation, Parkersburg, WV	City of Parkersburg	Unknown	2019	No	Mead and Hunt
Runway improvements Geotechnical Investigation, Wood County, WV	Mid-Ohio Valley Regional Airport	Unknown	2019	Yes	Michael Baker International
North Central WV Airport Development, Geotechnical Investigation, Bridgeport, WV	North Central WV Airport Bridgeport, WV	Unknown	2020	In Progress	The Thrasher Group
Water Tanks, Geotechnical Investigation St. Albans, WV	WV American Water Charleston, WV	\$2,000,000	2017	Yes	Chapman Technical Group
Owl Creek Highwall Geotechnical Investigation Monongalia Co, WV	WVDEP	Unknown	2021	No	The Thrasher Group

19. 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.

20. The foregoing is a statement of facts.

Signature: John E. Nottingham

Title: President

Date: 10/28/2024

Printed Name: John E. Nottingham

NOTE: THIS DOCUMENT WILL BECOME VOID AFTER DECEMBER 31 IN CALENDAR YEAR OF DATE HEREON.

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	Equipment/Structure Removal	Stream Restoration	Geotechnical/Stability	John Nottingham	Gene Brown	Noah Stevens	Mike Frame	Chuck Montgomery	Brandon Wallace	
Kempton Refuse Slide	P		x	x					x								x	M	P	P	P	P	P	
Kuhns Run Portals	P		x	x					x									M	P	P	P	P	P	
Long Run #3	P		x	x	x				x								x	M	P	P	P	P	P	
Owl Creek Highwall	P		x						x								x	M	P	P	P	P	P	
Ed Gower Highwall	P		x	x	x				x			x					x	PM	P	P	P	P	P	
Nutter Run Landslide	P		x						x								x	M	P	P	P	P	P	
Isaac Creek Landslide	P		x	x					x								x	M	P	P	P	P	P	
North Matewan Drilling	P		x						x								x		M		P	P	P	
Ridgeway Drive Landslide	P		x						x								x	M	M	P		P	P	
Sauls Run Bennet Slide	P		x						x								x		M			P	P	
Craigmoor Landslide	P		x						x								x		M		P	P	P	
Crooked Run	P		x						x								x		M			P	P	
Elkhurst Landslide	P		x						x								x		M			P	P	

\* 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.

**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) Jessie O. Parker, Jr., P.E., CEO

(Address) 501 Eagle Mountain Rd

(Phone Number) / (Fax Number) 304-342-7168

(email address) jop@nreivw.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.

New River Engineers, Inc

(Company)

(Signature of Authorized Representative)

Jessie O. Parker, Jr., P.E., CEO

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

304-342-7168

(Phone Number) (Fax Number)

jop@nreivw.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)*

- ☐ Addendum No. 1
- ☐ Addendum No. 2
- ☐ Addendum No. 3
- ☐ Addendum No. 4
- ☐ Addendum No. 5

- ☐ Addendum No. 6
- ☐ Addendum No. 7
- ☐ Addendum No. 8
- ☐ Addendum No. 9
- ☐ 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.

**New River Engineers**

Company

Authorized Signature

**10/28/2024**

Date

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



ABANDONED MINE LANDS (AML) CONTRACTOR INFORMATION FORM

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

**Part A: General Information**

Business Name:	New River Engineers, Inc
Tax ID #:	55-0764054
Address:	501 Eagle Mountain Rd
City, State, & Zip:	Charleston, WV 25311
Phone Number:	304-342-7168
Email Address:	jop@nreiwv.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](mailto: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, Jessie O. Parker, Jr., 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.

10/28/2024

Date

  
Signature

P.E., CEO

Title

**Part D: OFT Information**Contractor's Business Name: New River Engineers, Inc

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: Jessie O. Parker, Jr.  
 Address: 501 Eagle Mountain Rd  
 City, State, Zip: Charleston, WV 25311  
 Begin Date: \_\_\_\_\_  
 End Date: \_\_\_\_\_  
 % Ownership: 56  
 Position/Title: P.E., CEO  
 Phone Number: 304-342-7168

Name: Chris Burford  
 Address: 501 Eagle Mountain Rd  
 City, State, Zip: Charleston, WV 25311  
 Begin Date: \_\_\_\_\_  
 End Date: \_\_\_\_\_  
 % Ownership: 39  
 Position/Title: COO  
 Phone Number: 304-342-7168

Name: Josh Cook  
 Address: 3041 University Ave, Suite 6  
 City, State, Zip: Morgantown, WV 26505  
 Begin Date: \_\_\_\_\_  
 End Date: \_\_\_\_\_  
 % Ownership: 5  
 Position/Title: P.E., PMP  
 Phone Number: 304-342-7168

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.