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Header 1

List View

General Information

Contact

Default Values

Discount

Document Information

Clarification Request

Procurement Folder: 1523821

Procurement Type: Central Purchase Order

Vendor ID: 000000204787

Legal Name: THE THRASHER GROUP INC

Alias/DBA:

Total Bid: \$0.00

Response Date: 10/29/2024

Response Time: 8:39

Responded By User ID: Thrasher

First Name: Maggie

Last Name: Hart

Email: mhart@thethrashergroup.cor

Phone: 304-624-4108

SO Doc Code: CEOI

SO Dept: 0313

SO Doc ID: DEP2500000001

Published Date: 10/8/24

Close Date: 10/29/24

Close Time: 13:30

Status: Closed

Solicitation Description: AML - EOI Morgantown Airport Subsidence Phase II

Total of Header Attachments: 1

Total of All Attachments: 1



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

State of West Virginia
Solicitation Response

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

Solicitation Closes	Solicitation Response	Version
2024-10-29 13:30	SR 0313 ESR10292400000003073	1

VENDOR
000000204787
THE THRASHER GROUP INC

Solicitation Number: CEOI 0313 DEP2500000001
Total Bid: 0
Response Date: 2024-10-29
Response Time: 08:39:43
Comments: N/A

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: N/A

Extended Description:
EOI Engineering Design Services



WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION

Morgantown Airport Subsidence Phase II - CE01 0313 DEP2500000001

Submitted by:
The Thrasher Group, Inc.
October 29, 2024

October 29, 2024

Attn: Mr. Josh Hager, Buyer
Department of Administration, Purchasing Division
2019 Washington Street East | Charleston, WV 25305-0130

PRIORITIZE THE MORGANTOWN AIRPORT

GET EFFECTIVE RESULTS

WORK AS YOUR PARTNER

RE: WVDEP-DLR-AML | Morgantown Airport Subsidence Phase II

Dear Mr. Hager and Selection Committee Members:

The Morgantown Airport is constructed over an Abandoned Mine Lands eligible coal mine, which is susceptible to subsidence that could result in catastrophic impacts to not only the airport facilities, but to the public as well. The West Virginia Department of Environmental Protection is in need of a partner to help resolve the issues at the airport and ensure no future problems will arise. Thrasher is the right firm for the job.

As a West Virginia-based company, with more than 40 years of experience working throughout the mountain state, Thrasher understands the geographical and geological conditions associated with abandoned mine sites. With our headquarters located in Bridgeport, we have particular familiarity with North Central West Virginia, which, when combined with our FAA expertise and vast AML experience, will provide you with a winning team.

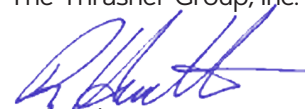
Thrasher's assembled team includes Nicole Jones. Her proficiency in FAA safety plans, restrictions, and regulations is second to none. Our combined staff members have worked on a multitude of AML projects, successfully completing design, NEPA documentation, survey and mapping, construction inspection, and other needed services. This team's demonstrated experience showcases our ability to efficiently identify project goals, establish accurate budgets, and develop successful outcomes for each of our clients.

We understand that as of now, no mine maps have been located for the deep mine, so at a minimum, a geotechnical investigation will be required during the design process to determine coal seam thicknesses, coal pavement elevations, subsurface open and collapsed mine workings, and more. We have teamed with our long time partners and NGE to assist with this portion of the project. John Nottingham has many years of experience in subsurface drilling for grout stabilization projects and will ensure your project is completed to the highest level of success.

Additionally, with our proximity to the project site and dedicated project team members, we will be readily available and easily accessible when the need arises to be on-site quickly, while also performing consistent monitoring of the project's progress.

We appreciate the opportunity to partner with you on this important project and look forward to discussing how The Thrasher Group can be a partner to the WVDEP and Morgantown Airport now and in the future.

Sincerely,
The Thrasher Group, Inc.



Richard Hovatter, PE
Project Manager



300+

EMPLOYEES

- 36 Licensed Professional Engineers
- 10 Licensed Professional Surveyors
- 7 Licensed Professional Architects
- 2 Licensed Professional Landscape Architects

MAIN POINT OF CONTACT:

Richard Hovatter, PE
 Project Manager
 rhovatter@thethrashergroup.com
 Cell: 304-669-6848
 Office: 304-205-8809



40+

YEARS

of delivering successful projects



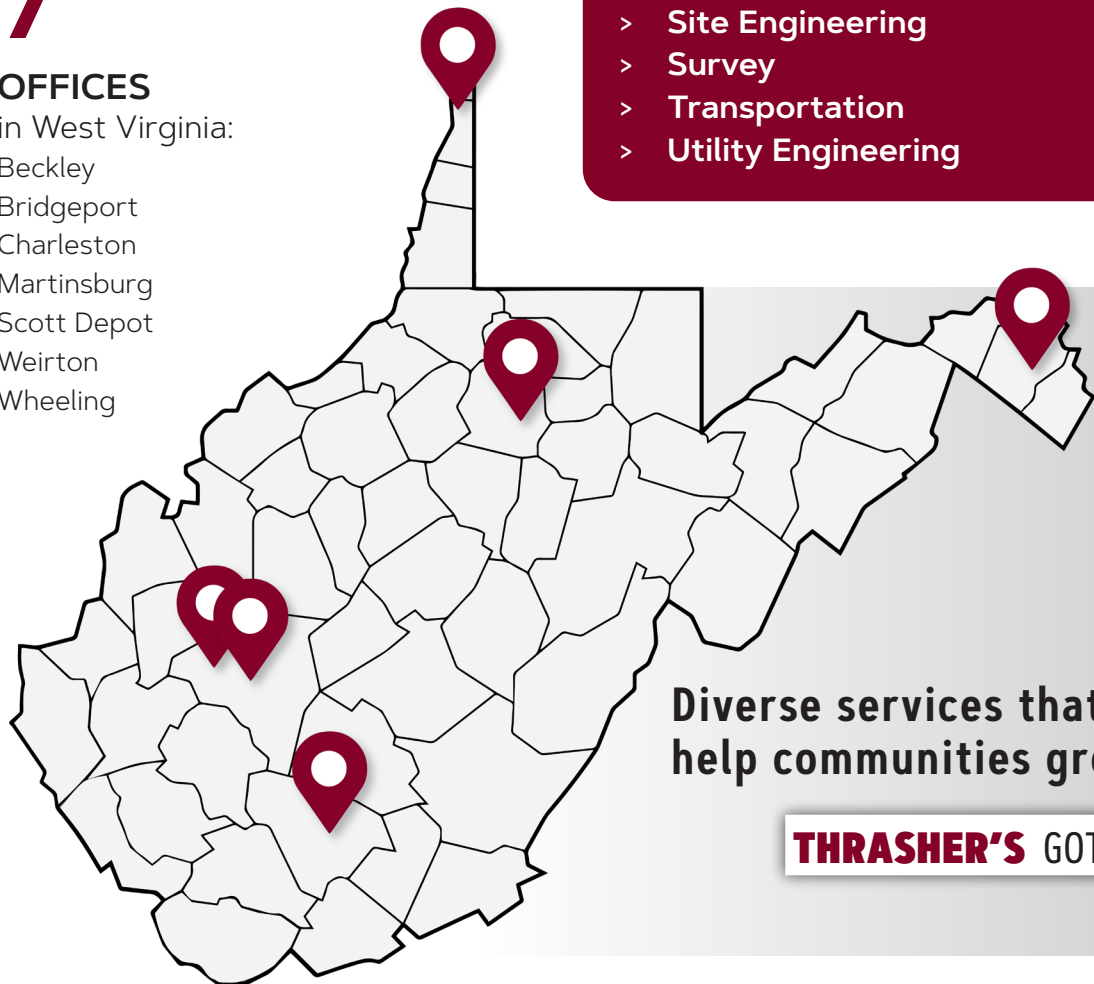
7

OFFICES

in West Virginia:
 Beckley
 Bridgeport
 Charleston
 Martinsburg
 Scott Depot
 Weirton
 Wheeling

OUR SERVICES

- > Architecture
- > Construction Services
- > Environmental
- > Geospatial
- > Site Engineering
- > Survey
- > Transportation
- > Utility Engineering



Diverse services that
 help communities grow.

THRASHER'S GOT IT

COMPANY HISTORY

With a commitment to building business through “successful projects and repeat clientele,” H. Wood Thrasher, PE and the late Henry A. Thrasher, PE, formed Thrasher Engineering, Incorporated in Clarksburg, West Virginia in 1983. Since that time, the company — now known as The Thrasher Group, Inc. — has transformed into one of the Mid-Atlantic region’s largest full-service privately owned architectural and engineering firms.

Thrasher has grown from its original three employees to a current staff of over 300 and continues to prosper. Instilled in each employee is a commitment to maintaining the highest standards of professional service. Our team has the experience, knowledge, versatility, and integrity to get the job done. With a 41-year history of driving infrastructure development for public and private clients, we have a reputation of keeping our word and completing projects on time and on budget.



A critical step in meeting your goals is first ensuring we understand them. Thrasher's team has thoroughly reviewed the Expression of Interest request and is confident in our ability to deliver the highest-quality solutions to your problems. We are capable of meeting each goal/objective you have outlined and feel strongly that you will be satisfied with the outcomes you desire.

Our team is prepared to complete all of the following services:

- > Drilling and grouting of mine workings to stabilize specified areas at the airport
- > Temporary batch plant location(s), access routes, etc.
- > Federal and other agencies coordination, permitting, etc.
- > Construction Safety Phasing Plans, permitting, scheduling, restrictions, etc., as required by the Airport and FAA

We understand your goals for the project in this contract and will handle them in the following manner:

► **GOAL/OBJECTIVE 1**

The Thrasher Group will conduct an environmental assessment (EA) meeting the requirements of WVDEP-AML and OSMRE. This EA, will at a minimum, include correspondence and consideration to the US Fish and Wildlife Agency, the Army Corps of Engineers, Division of Natural Resources, Davis-Bacon, Build America, Buy America (BABA), and other agencies as necessary to meet the NEPA and IIJA environmental requirements. Our team will also coordinate with the FAA on their NEPA requirements in order to streamline the project early on to prevent any surprises.

Thrasher will develop plans and specifications in a manner that will comply with the IIJA requirements. This may include, but is not limited to, American Iron and Steel requirements, disadvantaged business requirements, and other necessary considerations.

Additionally, Thrasher will conduct a thorough record search to determine the legal ownership of any properties associated with the project. This may include tax record searches, deed research, property

corner locations, legal title searches, owner interviews, and other necessary research. Thrasher will assist with any necessary right-of-way or easement preparation, deed verification, or other document preparation necessary to substantiate or acquire legal rights needed to complete the projects.

► **GOAL/OBJECTIVE 2**

The Thrasher Group will prepare and assist with the acquisition of all permits required to complete these projects. This may include, but is not limited to, the Federal Aviation Administration (FAA), National Pollutant Discharge Elimination System (NPDES), West Virginia Department of Highways (WVDOH), Army Corps of Engineers (USACE), Department of Health Permits, and city and county permits as applicable, including floodplain permits.

We will develop plans and specifications outlining the contractor's requirements during construction and maintenance periods. These specifications will ensure that the permits are well-maintained and meet the requirements for release. Thrasher will assist with the preparation of any documents needed to maintain or release the permits.

► **GOAL/OBJECTIVE 3**

The Thrasher Group will provide an experienced resident project representative (RPR). The RPR will develop daily field activity reports that can be provided in real-time or at preferred intervals. Project Managers, Professional Engineers, and/or Construction Managers will conduct site visits on a regular basis and at critical construction points to ensure quality construction and adherence to the plans and specifications.

Thrasher's in-house Materials Testing Division will provide necessary field representatives to ensure quality assurance and control specifications are being adhered to. Our lab and field personnel can conduct most all necessary material testing practices including but not limited to soil and stone compaction testing and analysis of materials, moisture content testing, concrete and/or grout testing, and many others.

Richard "RJ" Hovatter will be the project manager overseeing the team for this project, with Chad Biller providing quality control and Nicole Jones with FAA and Aviation expertise. They will be supported by a team of qualified staff to perform the necessary tasks such as survey, geotechnical engineering, design, permitting, and bid documents as required for a complete design set and project.

RJ, Chad, and Nicole will communicate with the AML team to determine the preferred communication method and establish the most realistic and efficient schedule for the project.

The general project approach we will follow for your project is outlined below:

Step 1 | Site Visit

Our assembled team of engineers and technicians will conduct a site visit. This group will evaluate the project conditions and identify and document potential problem areas. Thrasher will call the necessary utilities prior to being on-site to help identify any known utility locations. We will coordinate with your team and any identified stakeholders to take all the facts into consideration during this process.

Step 2 | Land Rights Acquisition

Thrasher will identify property owners within the project area. This will be completed through a deed search. We will also reach out to the property owners to obtain the needed permissions to be on property to design and construct the projects.

Step 3 | Survey

Thrasher will survey the sites for existing structures, utilities, topography, mine portals, and/or other identified items on-site. Survey will include, but not limited to, drone, flight, and survey team.

Step 4 | Conceptual Design and Report

Thrasher will prepare a conceptual design for the project at hand. Where applicable, we will also provide design alternatives for consideration. We

will then prepare a written report of the conceptual designs and outline any issues.

Step 5 | Construction Documents

Our team will provide design solutions and construction documents to the WVDEP-AML for the project. These plans will be carried forward to final design based upon the conceptual design report. In addition, with Thrasher's experience working on various similar projects, a construction safety and phasing plan, as required, will be developed and reviewed with the WVDEP-AML to ensure an efficient and safe project during construction.

We will complete the final design documents based on comments received and conclusions throughout the design review process. Our field evaluations and design approach will specifically address these issues in the construction documents.

Step 6 | Cost Estimates

Our project team will provide itemized cost estimates at the following stages: conceptual design, preliminary design, and final design.

Step 7 | Bid Process

We will assist the WVDEP-AML in preparation of the bid documents, attend pre-bid meetings, and assist in issuance of addenda.

Step 8 | Construction Administration

The project team will review project submittals, attend project meetings, and provide a Resident Project Representative to inspect the construction being completed. The project team will also provide final punch list inspection at project completion.

Thrasher will also develop a program to keep your team abreast of potential construction issues.

Step 9 | Project Close Out

Upon completion of the project, the Thrasher team will review and comment or approve contractor's as-builts and final quantities. All permits will be closed/terminated at the completion of the warranty period.



AML DESIGN

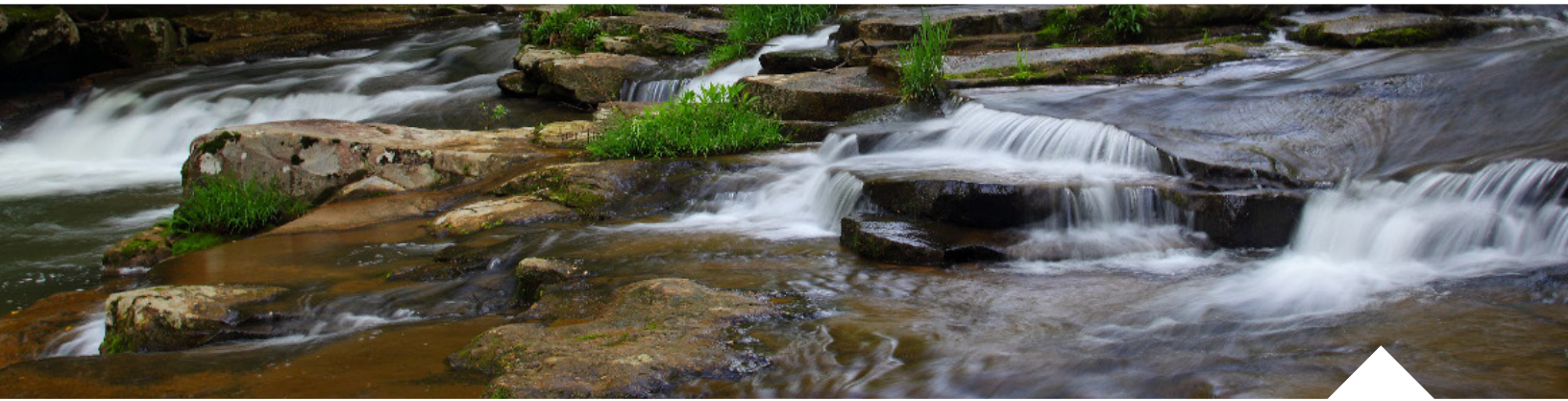
The Thrasher Group has provided design services to a number of Abandoned Mine Lands projects over the years. We are leaders in the industry, having completed projects for emergency repairs, using AML grants, and as part of the Abandoned Mine Lands Economic Revitalization project.

Our team has been a part of all types of AML work, including, but not limited to:

- » Highwalls
- » Portals
- » Slope Stabilization
- » Landslides
- » AMD Treatment
- » Refuse and Dump Improvements
- » Drainage Control
- » Burning Refuse Remediation

Drainage Design: All AML projects completed by Thrasher have required design of drainage structures. These have included vegetated, grouted, and riprap channels, as well as culverts and storm sewers. Drainage calculations are completed to properly size all conveyances.

Permitting: the permitting process can delay projects if they are not submitted correctly or in a timely manner. Thrasher takes pride in our ability to quickly obtain permits for our clients. We are able to utilize our excellent relationship with the WVDEP for NPDES permits as well as our relationship with the West Virginia Division of Highways for entrance and drainage permits. We are also experienced in obtaining Army Corp of Engineers permits from both the Pittsburgh and Huntington District Offices for stream bank restoration, wetland mitigation, and construction, linear transportation, and utility line projects, temporary construction access, and dewatering.



ENVIRONMENTAL SERVICES

In today's ever-changing regulatory landscape, compliance with federal and state environmental laws is critical to the success of projects. Compliance can often seem at odds with the project vision and financial constraints. The Thrasher team partners as a technical and regulatory advocate to overcome obstacles and guide our clients through complicated policies to achieve their goals. From initial investigations to final design, our environmental experts are there to assist in all facets of our clients' projects. Our team has developed relationships with academic consultants from multiple universities that are here to aid in specialized assessments.

Thrasher offers a range of environmental services, from abandoned mine land reclamation to stream and wetland delineations and everything in between. We have extensive experience with site assessments, permitting, and every aspect of environmental work that your project will encompass.

In addition, our team has a host of experience with Abandoned Mine Land (AML) projects and are familiar with the intricacies involved

Environmental Services:

- > All Appropriate Inquiry (AAI)
- > Environmental Site Assessments
- > NEPA Compliance for Publicly Funded Projects
- > Ecological Studies
- > Brownfield Redevelopment
- > Industrial Hygiene and Demolition Planning
- > Underground Storage Tank (UST) Consulting Services
- > Wetland Delineation, Design, and Mitigation
- > Remediation Investigation, Feasibility Studies, and Design
- > Hydrogeologic and Geologic Investigations
- > Groundwater Monitoring
- > Sampling and Laboratory Analysis
- > Solid and Hazardous Waste Management
- > SPCC, GPP, SWPPP, GWPP, SWPPP Environmental Compliance
- > Coal Combustion Residuals Rule Compliance (CCR)
- > Stream Assessments, Design, and Mitigation
- > Erosion and Sediment Control Plans
- > Voluntary Remediation Program
- > Uniform Environmental
- > Covenants Act
- > CERCLA Preliminary Assessment
- > CERCLA Site Investigation

Thrasher has completed more NEPA evaluations for AMLER projects than anyone in the state.



ENVIRONMENTAL PERMITTING

The Environmental Division of the Thrasher Group provides permitting, consulting, and assessment services to a multitude of clients spanning the Mid-Atlantic region. With a combined 40 years of permitting experience, Thrasher's Environmental Scientists, Permitting Leads, and Project Managers are able to take even the most complex and time restrictive projects and provide clients with cost effective and timely solutions.

- > National Environmental Policy Act –
Categorical Exclusions, Environmental
Assessments, and Short Environmental
Assessment Forms
 - > *United States Army Corps of Engineers;
Federal Aviation Administration;
Division of Transportation; and Federal
Communications Commission*

Federal Permitting

- > National Historic Preservation Act - Section
106 Consultation
 - > *State Historic Preservation Office or
Division of Culture and History*
- > Endangered Species Act – Section 7 and
Section 9 Consultations
 - > *United States Fish and Wildlife Service*
- > Clean Water Act – Section 404 Permits
 - > *United States Army Corps of Engineers*

State and Local Permitting

- > State Responsible Regulations of the Clean
Water Act – Section 401 and 402 Permits
- > State Level Rare, Threatened, or Endangered
Species Consultations
- > State Level Aquatic Resource Encroachment
and Impact Permits
- > State Level Roadway Encroachment, Crossing,
and Occupancy Permits
- > State Level Industrial Waste Discharge Permits
- > Local Level Floodplain or Building Permits



CONSTRUCTION ADMINISTRATION

Effective management of our projects ensures that both clients and contractors work in an efficient and safe manner. From pre-construction activities - such as bid conferences and surveys - to inspections, job progress reviews, and on through final completion, our goal is work that proceeds in accordance with plans and specifications.

At Thrasher, we inspect and manage a wide variety of projects designed by our firm in addition to projects for contractors and other designers. We have certified project representatives responsible for overseeing every element of design integrity. Our methods have earned the respect of not only our clients, but contractors and project owners alike.

Construction Inspection Services:

- > Construction Materials
- > Pipelines
- > Structural Steel & Concrete
- > Paving
- > Drainage
- > Embankments
- > Work Zone Safety & Traffic Control
- > Erosion and Soil Control

Quality Control and Assurance Methods:

- > Regularly Scheduled Planning and Progress Meetings
- > Engineering During Construction
- > Daily Logs and Progress Sheets
- > Cut Sheets
- > Quantity Tracking



QA/QC Procedure

Thrasher has an internal Quality Control Policy to ensure our projects move forward efficiently and effectively. The objectives of this manual are to continually improve the quality of the design and technical deliverables Thrasher provides to its internal and external clients.

This manual illustrates the basic requirements for quality control in our projects. It describes the methods for checking and reviewing product elements and client deliverables and includes rigorous comprehensive written check-lists for each stage of the design process, document production, and construction activities.

The purpose of these QC methodologies is to reduce or eliminate the potential for errors, omissions, ambiguities, and inconsistencies.

The policy outlines three main areas:

» General

Defines the purpose, intent and limitations, definitions, and implementation

» Project Management Procedures

Presents required procedures specific to this practice that allow for the efficient and accurate management of projects

» Check and Final Review Procedures

Presents required procedures specific to this practice that are used to insure technical accuracy of the work product





Budgeting

Construction estimating and budgeting is one of the most important parts of what Thrasher can provide you. Without accurate budgets, there is no tool to guide the design process and issues will be inevitable. By including cost estimating as a part of the project scope from day one, we are able to avoid issues before they arise and keep your project within a reasonable cost.

Our estimates go beyond the typical system — rather than simply providing cost per foot or lump sum price, Thrasher will provide contractor-grade estimates that look at every part of the project. We do detailed take-offs of materials and look at every man hour needed to complete a project and factor this in accordingly. Then, we use our thorough understanding of the local market and material costs to accurately design within your budget.

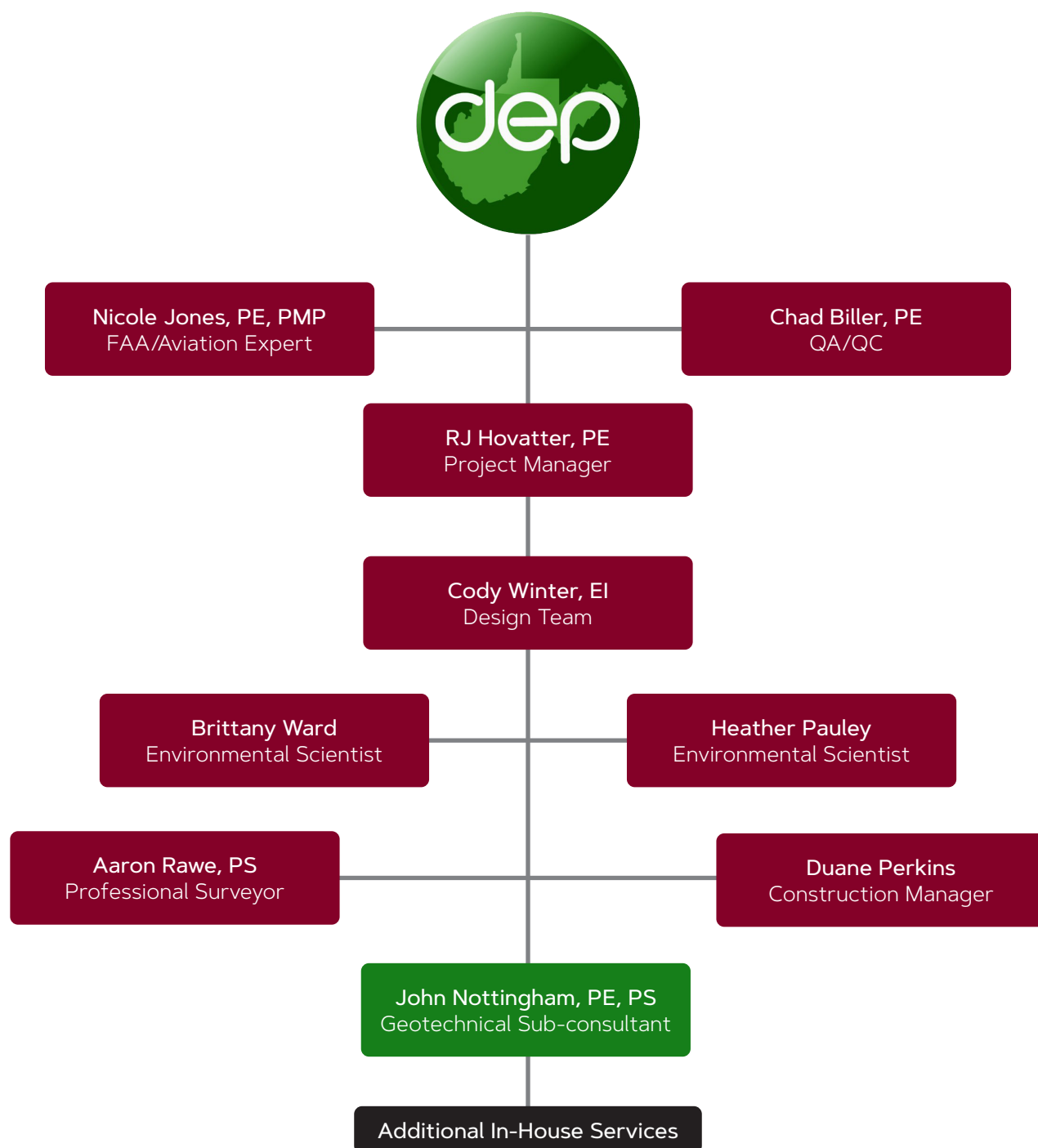


Scheduling

Thrasher realizes the importance of establishing and maintaining project schedules. Time means money and making sure we help you spend your money wisely is our number one goal. Because of this, our team puts an emphasis on ensuring project timetables are met and communication is upheld throughout the process.

To accomplish these goals, Thrasher utilizes scheduling to track every stage of a project - from design and bidding through construction completion. We also require contractors working on our projects to regularly update their project schedules and give a detailed progress report at each job meeting, again focusing on the communication component of scheduling. This helps to ensure all parties are informed and aware of potential delays. Keeping our owners up to speed with progress is always our priority and ensures occupancy and owner supplied equipment are scheduled accordingly.







RICHARD HOVATTER, PE

PROJECT MANAGER

Education

Bachelor of Science,
Civil Engineering
Fairmont State University

Registrations

Professional Engineer:

- > West Virginia
- > Pennsylvania

Certifications

- > Level I Rosgen Natural Stream Construction
- > Level II Rosgen Natural Stream Construction
- > HEC—RAS Operator Training Short Course
- > Annual Oil & Gas Training Pennsylvania—Expedited Review of ESCGP-1
- > MSHA Training

PROFESSIONAL OVERVIEW

Richard “RJ” Hovatter, PE, is an experienced Project Manager in Thrasher’s Land Development Market. RJ brings expertise in a range of civil engineering work, including site design, slip repair, well pad design, pipeline routing, stormwater management, utility extensions, and Abandoned Mine Land reclamation. He has spent a large portion of his career evaluating and solving problems for both public and private clients, developing feasible, sustainable, and economically friendly solutions.

A large portion of RJ’s career has revolved around the design and management of Abandoned Mine Land projects. With an understanding of both the traditional AML projects and the emerging AMLR grants, RJ has handled dozens of these projects in West Virginia, with several spanning into Maryland and Ohio as well. His has a deep respect for the importance these projects play in providing safe environments for residents and strives to provides his clients with an experience that revitalizes their property and renews its possibilities.

EXPERIENCE

Post-Mine Subsidence Remediation, Grouting

Project Manager | Various Locations — WV

Pre-Mine Subsidence within Residential Areas

Project Manager | Various Locations — WV

WVDEP AML Emergency Swiger Subsidence

Project Manager | Harrison County, WV

Indiana Department of Natural Resources

Terre Haute Regional Airport Mine Grout Stabilization

Project Manager | Vigo County, IN

Falcon Consulting and Management West Ridge Mine Grouting

Project Manager | Monongalia County, WV

WVDEP AML Isaac Creek Landslide

Principal | Harrison County, WV

WVDEP AML Canyon Refuse and Dump

Project Manager | Monongalia County, WV

WVDEP Subsidence Depressions

Project Manager | Various Locations — WV

WVDEP AML Dansbranch Landslide Emergency Project

Project Manager | Mingo County, WV

RICHARD HOVATTER, PE

PROJECT MANAGER

Name:	RICHARD G. HOVATTER, JR
WV Professional Engineer:	PE License Number: 018460
	PE License Status: Active
	PE Issue Date: 12/17/2009
	PE Expiration Date: 12/31/2024
Continuing Education Claim:	Qualifying Hours from Last Renewal or Reinstatement: 30.17
	Carryover Hours for Next Renewal: 0.17
	Last Renewal or Reinstatement Date*: 12/31/2022
WV Engineer Intern:	EI Certification Number: 8494
	EI Issue Date: 12/15/2005
Primary Address of Record:	74 FAWN RIDGE ROAD MANNINGTON, WV 26582
Primary Employer of Record:	THE THRASHER GROUP, INC.



CHAD BILLER, PE

QA/QC

Education

Bachelor of Science,
Civil Engineering
West Virginia University

Registrations

Professional Engineer:

- > West Virginia
- > Ohio

Affiliations

- > American Society of Highway Engineers
- > American Society of Civil Engineers
- > National Society of Professional Engineers

Certifications

- > ODOT Non-complex Roadway Design prequalification
- > ODOT Complex Roadway Design prequalification
- > ODOT Bridge Design Level 1.1/1.2 prequalification

PROFESSIONAL OVERVIEW

Chad Biller, PE, has held a wide variety of positions for Thrasher throughout his 25-year career at the firm. A talented civil engineer, Chad has a deep understanding of the infrastructure world. His portfolio includes work in land development, abandoned mine lands, roadways, bridges, airports, industrial parks, stormwater, sidewalks, trails, and more. This wide breadth of experience means He brings a diverse perspective to his projects and a depth of technical knowledge.

As a manager, Chad provides detailed updates to clients and strong relationships with state agencies. He recognizes the importance of working as an extension of his clients' team, providing guidance in their best interest throughout the course of each project. Chad's long history with West Virginia regulatory and funding agencies is a key piece of this – this background allows him to navigate projects through these complicated steps seamlessly, collaborating with each entity for the most successful outcome possible. The same rings true during construction, where he provides a hands-on approach to keep projects on track for positive outcomes.

EXPERIENCE

WVDEP AML Isaac Creek Landslide

QA/QC | Harrison County, WV

WVDEP AML Squires Creek

QA/QC | Preston County, WV

WVDEP AML Anglins Run

Principal | Nicholas County, WV

WVDEP AML Owl Creek

QA/QC | Monongalia County, WV

Raleigh County Memorial Airport Master Plan and Airport Layout Plan

Project Manager | Raleigh County, WV

Eastern West Virginia Regional Airport Industrial Park

Project Manager | Berkeley County, WV

Greater Cumberland Regional Airport Runway Rehabilitation and Taxiway

Principal | Mineral County, WV

West Virginia International Yeager Airport Flight Information and PA System

Principal | Kanawha County, WV

CHAD BILLER, PE

QA/QC

Name:	CHADWICK D. BILLER
WV Professional Engineer:	PE License Number: 013620
	PE License Status: Active
	PE Issue Date: 02/23/1998
	PE Expiration Date: 12/31/2024
Continuing Education Claim:	Qualifying Hours from Last Renewal or Reinstatement: 35.00
	Carryover Hours for Next Renewal: 5.00
	Last Renewal or Reinstatement Date*: 12/15/2022
WV Engineer Intern:	EI Certification Number:
	EI Issue Date:
Primary Address of Record:	150 SERENITY DRIVE BRIDGEPORT, WV 26330
Primary Employer of Record:	THE THRASHER GROUP, INC. 600 WHITE OAKS BOULEVARD PO BOX 940 BRIDGEPORT, WV 26330



NICOLE JONES, PE, PMP

FAA/AVIATION EXPERT

Education

Bachelor of Science,
Civil Engineering
West Virginia University

Registrations

Professional Engineer:
> West Virginia

Project Management Professional

Affiliations

- > WAI/Harvard University
Emerging Leaders Program
- > WAI Mountain State Chapter
Secretary
- > Women in Aviation International
(WAI) Member
- > Leadership Monongalia County

PROFESSIONAL OVERVIEW

Nicole Jones, PE, PMP, oversees Thrasher's aviation team, serving as Division Lead and Project Manager for various airport improvements across the state of West Virginia and beyond. Nicole has managed a vast array of infrastructure enhancements related to the aviation industry, and helped her clients to secure millions of dollars in grants to complete their upgrades.

For her largest client, the North Central West Virginia Airport, Nicole has designed a variety of upgrades, including a runway safety study, lighting and security upgrades, ramp rehabilitation, terminal improvements, and a runway extension and widening. Her understanding of the permitting and regulatory hurdles that accompany this type of work has enabled Nicole to guide her clients through the design of safe and sustainable projects. Her meticulous design style also draws the attention of Contractors, and results in highly competitive bidding.

EXPERIENCE

West Virginia International Yeager Airport Terminal Security Enhancements
Project Manager and Construction Administration | Kanawha County, WV

West Virginia International Yeager Airport Terminal Roof Rehabilitation Phase I
Project Manager | Kanawha County, WV

Raleigh County Memorial Airport New Taxiway and Runway Access
Project Manager | Raleigh County, WV

Tri- State Airport Authority Huntington Tri- State Airport Elevator Tower
Project Manager | Wayne County, WV

Greater Cumberland Regional Airport Runway Rehabilitation
Project Manager | Mineral County, WV

North Central West Virginia Airport MHI RJ Hangars
Project Manager | Harrison County, WV

North Central West Virginia Airport Fuel Farm Upgrades
Project Manager | Harrison County, WV

North Central West Virginia Airport Storage Building
Project Manager | Harrison County, WV

North Central West Virginia Airport Industrial Park
Project Manager | Harrison County, WV

NICOLE JONES, PE, PMP

FAA/AVIATION EXPERT

Name:	NICOLE M. JONES
WV Professional Engineer:	PE License Number: 021372
	PE License Status: Active
	PE Issue Date: 06/15/2015
	PE Expiration Date: 12/31/2024
Continuing Education Claim:	Qualifying Hours from Last Renewal or Reinstatement: 30.50
	Carryover Hours for Next Renewal: 0.50
	Last Renewal or Reinstatement Date*: 11/30/2022
WV Engineer Intern:	EI Certification Number: 9210
	EI Issue Date: 07/26/2010
Primary Address of Record:	1153 CAMBRIDGE AVENUE MORGANTOWN, WV 26505
Primary Employer of Record:	THE THRASHER GROUP, INC.



CODY WINTER, EI

DESIGN TEAM

Education

Bachelor of Science,
Civil Engineering Technology
Fairmont State University

Registrations

Engineering Intern:
> West Virginia

Certifications

- > ACI Field Testing Technician
- > ACI Aggregate Base
- > WVDOH S.A.C. Technician
- > WVDOH PCC Inspector
- > WVDOH TRET - Level III
- > OSHA 10
- > SafeLand USA Training
- > First-Aid / CPR
- > Radiation Safety
- > Antero Safety 2017
- > AEP Safety 2017
- > UTV Safety Training
- > FE Exam

PROFESSIONAL OVERVIEW

Cody Winter, EI, currently serves as a Project Engineer in The Thrasher Group's Land Development Market. Cody has an impressive background in the site design of industrial parks with airport access, runway rehabilitations, taxiway lighting upgrades, tree clearing and earth work for approach and departure surfaces, site permitting, and commercial site layouts. Cody has a familiarity with FAA standards, and is working directly under Thrasher's aeronautical experts to learn permitting and regulatory standards. He effectively communicates with clients, project's contractors, and the project team regarding site designs generated in the AutoDesk Suite.

Prior to becoming a Project Engineer, Cody spent time working on various project sites as a Project Representative. His time in this role gave him invaluable experience and familiarity with the construction process – giving him the ability to recognize potential issues before they have the opportunity to manifest into construction sets backs.

EXPERIENCE

Raleigh County Memorial Airport Runway 10-28 Rehabilitation

Staff Engineer | Raleigh County, WV

West Virginia International Yeager Airport Jet Bridge Replacement

Staff Engineer | Kanawha County, WV

North Central West Virginia Airport Parking Upgrades

Staff Engineer | Harrison County, WV

North Central West Virginia Airport Pavement Management

Project Engineer | Harrison County, WV

Raleigh County Memorial Airport Parallel Taxiway

Project Engineer | Raleigh County, WV

North Central West Virginia Airport Taxiway Light Upgrades

Project Engineer | Harrison County, WV

Potomac Highlands Airport Authority Runway Rehabilitation and Taxiway

Project Engineer | Mineral County, WV

Raleigh County Memorial Airport Terminal Expansion

Project Engineer | Raleigh County, WV

Raleigh County Memorial Airport Taxiway A Rehabilitation

Staff Engineer | Raleigh County, WV



BRITTANY WARD

ENVIRONMENTAL SCIENTIST

Education

Bachelor of Science,
Environmental Science
University of Charleston

Trainings

- > Certificate of Completion 48 Hour Army Corps of Engineers
- > Wetland Delineation Training Program
- > United States Environmental Protection Agency, Office of Wastewater Management
- > NPDES Permit Writers' Online Training Course Certification

PROFESSIONAL OVERVIEW

Brittany Ward serves as an Environmental Project Manager at The Thrasher Group, providing technical support to water resources, land development, Abandoned Mine Lands, and transportation programs. She brings 17 years of experience in environmental permitting processes, project management, business management, and field survey analysis with a special interest in wetlands.

Brittany specializes in project oversight, with proven experience managing field teams and contractors, collecting wetland, stream quality, environmental media data, and general site condition data for site characterization to be utilized during the permitting process. She provides expertise in the management and development of federal, state, and local permitting processes, geographical information systems, Autodesk computer aided design, biological surveys, water resource management, mitigation determinations, and NEPA development to assist clients in finding the best solutions for their projects. She understands the importance of managing project budgets, staff scheduling, quality control of deliverables, and project timelines for concise, consistent, and professional results every client.

EXPERIENCE

Abandoned Mine Lands Economic Revitalization Project Associated with the Proposed Rising Estates Trail Lodging Project PAD #: WV-2905
Environmental Permitting Specialist | Logan County, WV

Abandoned Mine Lands Economic Revitalization Project Associated with the Twin Hollow Campgrounds and Cabin Expansion WV-2510
Environmental Permitting Specialist | Mingo County, WV

City of Charleston LIFT Center
Environmental Permitting Specialist | Kanawha County, WV

Town of Nutter Fort AML Sewer System Improvements Phase II
Environmental Project Manager II | Harrison County, WV

Hartley Avenue Stormwater and Sanitary Sewer Improvements Project
Environmental Project Manager II | Raleigh County, WV

New I-79 Exit 151 Interchange
Environmental Project Manager II/Permitting Specialist | Monongalia County, WV

Micrologic Zayo Access Build Project
Environmental Permitting Specialist | Upshur County, WV



HEATHER PAULEY

ENVIRONMENTAL SCIENTIST

Education

Master of Education
Marshall University Graduate
College
Marshall University

Bachelor of Science,
Environmental Science
Minor in Environmental Geology
Marshall University

Certifications

- > 38 Hour Army Corps of Engineers Wetland Delineation Training
- > 40 Hour OSHA HAZWOPER Certification

PROFESSIONAL OVERVIEW

Heather Pauley is an Environmental Scientist for The Thrasher Group. Her main responsibilities include conducting Phase 1 Environmental Site Assessments (ESAs), and Phase II ESAs, National Environmental Policy Act (NEPA) documents, federal and state agency correspondence letters, GIS Mapping, and consulting National Pollutant Discharge Elimination System (NPDES) constructions stormwater permits with the West Virginia Department of Environmental Protection (WVDEP).

EXPERIENCE

**West Virginia Land Stewardship Corporation HUD
NEPA Assessments and GIS Mapping**
Environmental Scientist | Multiple Counties — WV

Kanawha County Commission Phase I ESA
Environmental Scientist | Kanawha County, WV

Harrison County CSX Rail Trail Soil Sampling and Data Analysis
Environmental Scientist | Harrison County, WV

**Huntington Sanitary Board Route 10 Sewer Extension,
Wetland Delineation, Stream Identification, and USACE Permitting**
Environmental Scientist | Cabell County, WV

Hamlin Public Service District Phase I ESA, NEPA Environmental Assessment
Environmental Scientist | Lincoln County, WV

**Coalfield Development Corporation Black Diamond Property
WV VRP Site Remediation and Soil Sampling**
Environmental Scientist | Cabell County, WV

**Former West Virginia Wood Preserving Company Stony Run, LLC
WV VRP Site Remediation**
Environmental Scientist | Kanawha County, WV



DUANE PERKINS

CONSTRUCTION MANAGER

Education

Rappahannock Community College,
Survey Studies

Old Dominion University,
Survey Studies

Certifications

- > OSHA Hazardous Waste Operation and Emergency Response
- > US Department of Labor Mine Safety and Health Administration
- > Safe Land USA (PEC Premier)
- > First Aid-CPR/AED

PROFESSIONAL OVERVIEW

Duane Perkins joined Thrasher in 1992 and currently serves as a Construction Manager for the firm. He is one of the longest employed managers at the firm. He has extensive field experience on numerous land development projects, public utility pipelines, natural gas projects, wetland and grassland easement surveys, and highway work. He possesses a wide range of construction and field survey experience as well as as-built experience as a Crew Chief, but most of his time has been in a management role.

Duane's responsibilities as Construction Manager include assigning duties to the crews, interaction and coordination with the client and/or their representatives, checking the crews' field work, and assisting the crews as needed. He is a dedicated manager who strives for excellence on every project, with communication skills that make him a highly regarded supervisor. Duane is not afraid to do the work himself, and he treats everyone with respect. He enables his crews, through information, supplies, and support, to ensure they are working efficiently and in the best interest of the clients and their projects.

EXPERIENCE

North Central West Virginia Airport Logistics Park Build Out

Construction Manager | Harrison County, WV

West Virginia International Yeager Airport Roof Improvements

Construction Manager | Kanawha County, WV

Raleigh County Memorial Airport Terminal Addition

Construction Manager | Raleigh County, WV

First Energy Utility Coordination

Utility Coordinator | Various Locations in WV

Deckers Creek Public Service District Valley View Acres

Sanitary Sewer Lift Station and Force Main

Field Supervisor | Monongalia County, WV

Goff Pipeline Boundary Surveys

Field Survey Coordinator | Harrison County, WV

Town of Rowlesburg Water Line Extension

Construction Manager | Preston County, WV

Marshall County Public Service District #3 Water System Improvements

Construction Manager | Marshall County, WV



AARON RAWE, PS

PROFESSIONAL SURVEYOR

Education

Associates of Science,
Surveying Technology
Glenville State College

Registrations

Professional Surveyor:

- > West Virginia
- > Kentucky

Affiliations

- > West Virginia Society of
Professional Surveyors

Certifications

- > Safeland
- > OSHA Training
- > First Aid and Medical
Emergency Action Procedure

PROFESSIONAL OVERVIEW

Aaron Rawe, PS, serves as a Survey Project Manager for Thrasher working out of the Bridgeport office. His experience covers various aspects of surveying, including routing, as-builts, preliminary, construction stakeout and boundary of construction management. He is experienced both in the field and orchestrating projects behind the scenes. He brings over a decade of experience to the team.

As part of his management role, Aaron also meets with project stakeholders, area residents, local utility companies, and the project engineers to ensure that schedules are being met and to regularly update all parties on construction status. Additionally, he is progressively responsible for the coordination of field crews, data collection, site layouts, ALTA surveys, subsidence and topographic surveys.

Aaron also assists in the management of the Mapping Department here at Thrasher. He is responsible for the coordination between photogrammetrist and field crews in helping determine the placement of photo targets and items to be located for photo control. He helps process and QA/QC all data coming in from the field before delivering it to the photogrammetrist to use for the air trig of the projects.

EXPERIENCE

North Central West Virginia Airport General Services

Survey Manager | Harrison County, WV

North Central West Virginia Airport Bombardier Hangar

Survey Manager | Harrison County, WV

North Central West Virginia Airport Environmental Short Form

Survey Manager | Harrison County, WV

Raleigh County Memorial Airport Parallel Taxiway

Survey Manager | Raleigh County, WV

Blue Grass Airport Construction Staking

Survey Manager | Fayette County, KY

Fairmont Municipal Airport Surveying

Survey Manager | Marion County, WV

City of Morgantown Transfer Station

Survey Manager | Monongalia County, WV

AARON RAWE, PS

PROFESSIONAL SURVEYOR

2023 WEST VIRGINIA PROFESSIONAL SURVEYOR 2023

The West Virginia Board of Professional Surveyors certifies that the individual listed below is a PROFESSIONAL SURVEYOR who has qualified for a license under Chapter 30, Article 13A, Code of West Virginia, and has met the requirements for license renewal for the period ending June 30, 2023



AARON J. RAWE
P.S. #2312

Board Members

Sefton Stewart, PS, Chairman
Tom Rayburn, PS, Secretary
Gary Facemyer, PE, PS
Lantz Rankin, PS
Douglas McElwee, Esq.

Issued
07/01/2022



Expires
06/30/2023

Executive Director
Amber Shawver Legg

2023

State of West Virginia
Board of Professional Surveyors



Expires:
06/30/2023

AARON J. RAWE
P.S.LIC. # 2312

Is a PROFESSIONAL SURVEYOR who has qualified for a license under Chapter 30, Article 13A, Code of West Virginia, and has met the requirements for license renewal for the period ending June 30, 2023

State of West Virginia
Board of Professional Surveyors
1124 Smith Street, Suite B127C
Charleston, WV 25301

Phone (304) 558-0350
Fax (304) 558-0352

Website: www.wvbps.wv.gov
Email: wvbps@wv.gov



JOHN NOTTINGHAM, PE, PS

GEOTECHNICAL SUB-CONSULTANT

Education

Master of Science,
Civil Engineering
West Virginia University

Bachelor of Science,
Civil Engineering
West Virginia University

Registrations

Professional Engineer:

- > West Virginia
- > Ohio
- > Pennsylvania
- > Maryland
- > Virginia

Professional Surveyor:

- > West Virginia

Certifications

- > OSHA 1910.120 40-hour
HAZWOPER Training
- > OSHA 10-hour Construction
Safety and Health
- > Certified WVDOT-DOH
Compaction Inspector
- > Certified WVDOT-DOH
Portland Cement Concrete
Inspector

PROFESSIONAL OVERVIEW

Mr. Nottingham currently serves President & Principal Engineer for NGE. In this capacity, he has served as lead Geotechnical Engineer on a variety of government and commercial design and construction projects. His responsibilities on these projects include direction and coordination of all geotechnical engineering activities. Duties on these projects have included foundation investigation report production, foundation and retaining wall design, fill embankment and cut slope design, slope stability analysis, pavement design, design of drainage systems, supervision of subsurface drilling programs, field activity coordination, laboratory data computation and processing, performance of field work, client relations, and supervision of technical and professional staff.

FIELDS OF COMPETENCE

- » Bridge and Building Foundation Analysis
- » Construction Monitoring
- » Forensic & Insurance Investigations
- » Landslide Analysis and Remedial Design
- » **Mine Subsidence Investigations**
- » Personnel Management
- » Project Estimating
- » Project Management (schedule and budget)
- » Reinforced Soil Slope Design
- » Retaining Wall Design
- » Site Development Earthwork Design
- » Slope Stability Analysis
- » Subsurface Investigations

EXPERIENCE WITH THRASHER

Jefferson County Airport

Geotechnical Engineering | Jefferson County, WV

Huntington Tri-State Airport

Geotechnical Engineering | Wayne County, WV

Doddridge County Schools Athletic Complex

Geotechnical Engineering | Doddridge County, WV

Boy Scouts of America Welcome Center

Geotechnical Engineering | Fayette County, WV

City of Beckley Police Department

Geotechnical Engineering | Raleigh County, WV

America's Best Block Facility

Geotechnical Engineering | Mineral County, WV

Bridgeport CVB Farmers Market

Geotechnical Engineering | Harrison County, WV

JOHN NOTTINGHAM, PE, PS

GEOTECHNICAL SUB-CONSULTANT

Name:	JOHN E. NOTTINGHAM
WV Professional Engineer:	PE License Number: 012357
	PE License Status: Active
	PE Issue Date: 08/02/1994
	PE Expiration Date: 12/31/2024
Continuing Education Claim:	Qualifying Hours from Last Renewal or Reinstatement: 68.00
	Carryover Hours for Next Renewal: 15.00
	Last Renewal or Reinstatement Date*: 12/19/2022
WV Engineer Intern:	EI Certification Number: 5637
	EI Issue Date: 06/24/1988
Primary Address of Record:	650 MACCORKLE AVENUE W SAINT ALBANS, WV 25177
Primary Employer of Record:	NOVEL GEO-ENVIRONMENTAL, INC. (DBA NGE)



Locations

West Virginia Office

650 MacCorkle Avenue West
St. Albans, WV 25177
P: (304) 201-5180
F: (304) 201-5182

Pennsylvania Office

171 Montour Run Road
Moon Twp, PA 15108
P: (412) 722-1970
F: (412) 722-1929

Company Overview

NGE was founded in the fall of 2002 by Amy Veltri and John Nottingham, a management team with a combined forty years of industry experience. The family-based entrepreneurial spirit that defined NGE's beginnings remains evident in the innovative solutions they deliver to their loyal clients each and every day. Advances in engineering, science and technology, coupled with regulatory, legal, and compliance pressures create increasingly complex challenges for businesses. NGE strives to keep pace with these changes, with an eye to supporting their clients' changing needs.

NGE has grown into a dependable and flexible environmental and geotechnical consulting firm providing a wide range of professional services, including Environmental Consulting, Geotechnical Engineering and Environmental Construction / Remediation. With clients across the nation, NGE added a second office location in West Virginia in 2003, and seeks to grow in the future by providing consistent, quality service in a family-oriented atmosphere.

Since its inception, NGE has hired and retained the best and brightest talent in the industry. Their staff have relevant experience and qualifications to complete complex environmental and geotechnical projects. NGE's future is bright as they pursue a course of planned, measured growth to meet the challenge of expansion without diluting leadership or weakening the company's ability to perform. After establishing a solid foundation and longstanding reputation in the region and across the nation as an innovative, sophisticated, forward-thinking environmental and geotechnical consulting firm, they are proud of their roots and the progressive environment they have created for their dedicated employees.

NGE is an organization that is small enough to focus time on each client, but with a depth in talent and resources to successfully complete large and complex projects. NGE provides superior environmental and geotechnical services at a manageable price. A family oriented work atmosphere has fostered the growth of NGE's staff with the best and brightest talent in the industry.

NGE has garnered a variety of certifications and awards over the years in the environmental and geotechnical consulting industry. These accomplishments and accolades bear testament to the impeccable standards that they strive to achieve. These standards help differentiate their company from the competitors and serve to distinguish their employees as the "best of the best."

Our team's current workload will allow for immediate response to your needs, with availability to attend any meetings regarding your project.

We understand our role to be an extension of your staff, working closely to provide quality work in a timely manner. We also understand that turnaround time on a task may be short and that timely service is critical. Thrasher routinely meets aggressive deadlines. We have assembled a team of responsive professionals who possess the qualifications and experience necessary to handle all aspects of this project.

Thrasher is fully staffed with architectural, engineering, survey, construction management, and materials testing personnel to meet your needs. The employees identified as key personnel on your projects bring specific areas of expertise to the team.

Why Thrasher? Our team has technical qualifications, skills, experience, and resources that are integrated with a proven management infrastructure. We want to perform projects for the WVDEP and will provide high-quality engineering services in a timely and cost effective manner.



North Central West Virginia Airport

Mr. Shawn Long, Deputy Director
2000 Aviation Way
Bridgeport, WV 26330
304-842-3400

Hatfield McCoy Regional Recreation Authority

Mr. Jeffrey Lusk, Executive Director
State Route 16, Building 2
John D. Rockefeller Industrial Park
Pineville, WV 24874
304-752-3255

West Virginia Young Life Camp

Mr. Jake Harper, Project Manager
162 Old Vinton Farm Road
Summersville, WV 26651
304-880-0321



WVDEP AML **Emergency Swiger Subsidence**

Client Contact:

Mr. Jeremy Ayers, Norther Emergency Engineer
1000 Technology Drive | Fairmont, WV 26554
304-203-4058

The Thrasher Group prepared construction plans and bid documents to both gravity and pressure grout

beneath a residential structure to stabilize the mine. The plans called for micropiles under the existing structure's addition for support and three micropiles along each end of the residence.

The addition was founded onto the micropiles and three steel beams were installed under the structure to prevent any future subsidence.

Thrasher provided limited construction administration during the process.



**INDIANA DEPARTMENT OF
NATURAL RESOURCES**
Terre Haute Regional Airport
Mine Grout Stabilization

Project manager RJ Hovatter worked with the Indiana DNR to prepare construction documents for a mine grout stabilization project at the Terre Haute Regional Airport. The project stabilized the runway, terminal, building, radar tower, and educational building.

During plan production, coordination with the FAA was crucial to assure that the project could be accomplished safely with the least disturbance to the airport as possible. The FAA also provided details for the reclamation of the grout holes to ensure the runway integrity was not compromised.





FALCON CONSULTING & MANAGEMENT
West Ridge Mine Grouting

Client Contact:

Mr. Brett Coker, Project Manager
PO Box 4034 | Morgantown, WV 26504
304-692-9842

The Thrasher Group was hired by Falcon Consulting and Management to prepare grout mine stabilization plans and specifications for various areas within the West Ridge development in Morgantown, WV. These plans included grouting in multiple deep mined seams within the development. The plans stabilized the main access road and parts of Phase 1, Phase 3, and Phase 4 of the development.

Thrasher also provided construction monitoring and inspection during the grouting process. Once grouting was complete, we provided as-built plans and documents to the client to represent the locations of the drilled grout holes and the grout takes documented for each hole.

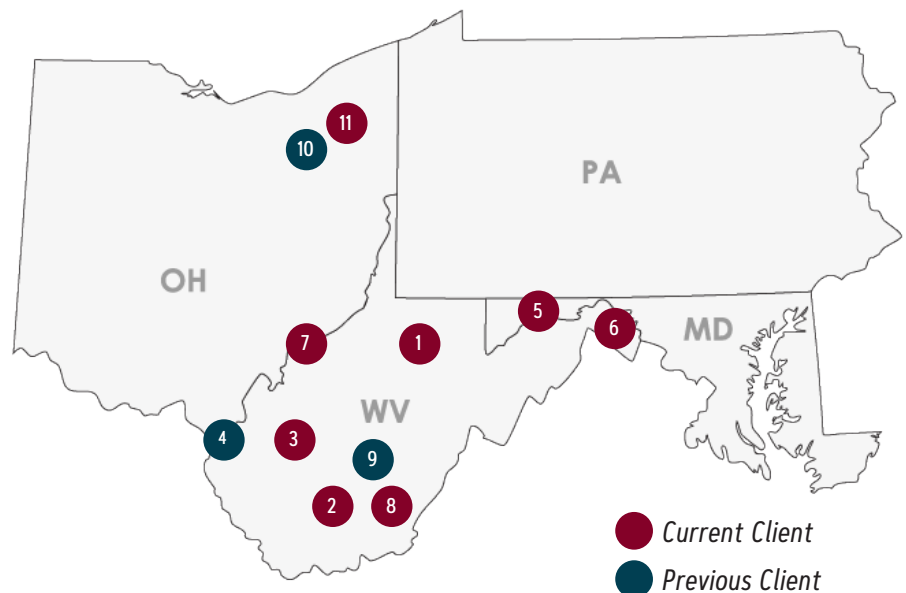


The Thrasher Group has performed a plethora of work at airports across the region. Our firm has experience with architecture, engineering, planning, and surveying for these clients, from small sized projects to long-term contracts. Some of the projects we've been a part of over the last few years at various airports include:

- » Construction of two Hangars for MHIRJ
- » Construction of 10,000SF Hangar
- » Terminal Renovations
- » Fuel Farm Modifications
- » Airfield Taxiway Lighting and Signage Upgrades
- » Installed Emergency Backup Generator
- » Perimeter Fence Relocations and Improvements
- » Logistics Park (7 Acres and 18,000SF Building)
- » Aerotech Park (47 Acres)
- » Expanded Concrete Parking Pad at Commercial Apron
- » Mill and Overlay at T-Hangars
- » Commercial/GA Ramp Rehabilitation
- » Construction of Taxiway H
- » Extension of Taxiway A
- » Reconstruction of Taxiway to FSU Hangar and Parking Pad
- » Runway 1-19 Rehabilitation
- » Taxiway A Reconstruction
- » Runway 10-28 Seal Coat and Taxiway E Crack Seal
- » Runway 10-28 Striping
- » Construction of New Taxilane
- » Terminal Lighting Upgrades
- » Access Road Overlay
- » Raleigh Industrial Park
- » Construct Parallel Taxiway F
- » Runway 1-19 Restriping and Airfield Sign Replacement
- » Environmental Clearance on General Aviation Improvement Projects
- » Terminal Security Upgrades
- » Terminal Roof Renovations Phase 1
- » Rental Car — Car Wash Upgrades
- » Rental Car Generator
- » Acquired Jet Bridge
- » Stormwater Assessment
- » Parking Garage Access Control System
- » Perimeter Fence Upgrades
- » Shooter Detection System
- » Rehabilitate Runway 5-23 Phase 6
- » Elevator Tower
- » Industrial Park
- » Survey
- » Environmental Document for release of land for sale/development
- » Industrial Park
- » Renovations to Pilot Lounge
- » Hangar Renovations
- » Perimeter Airport Fence Upgrades.

THRASHER AIRPORT CLIENT PORTFOLIO

1. North Central West Virginia Airport
2. Raleigh County Memorial Airport
3. West Virginia International Yeager Airport
4. Huntington Tri-State Airport
5. Greater Cumberland Regional Airport
6. Eastern West Virginia Regional Airport
7. Mid-Ohio Valley Regional Airport
8. Greenbrier Valley Airport
9. Summersville Airport
10. Akron-Canton Airport
11. Portage County Regional Airport



ATTACHMENTS



THRASHER

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) Richard Hovatter | Project Manager

(Address) 600 White Oaks Blvd. | Bridgeport, WV 26330

(Phone Number) / (Fax Number) 304-624-4108 | 304-624-7831

(email address) rhovatter@thethrashergroup.com

CERTIFICATION AND SIGNATURE: By signing below, or submitting documentation through WV OASIS, 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.

The Thrasher Group, Inc.

(Company)

(Signature of Authorized Representative)

Richard Hovatter, PE | Project Manager

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

304-624-4108 | 304-624-7831

(Phone Number) (Fax Number)

rhovatter@thethrashergroup.com

(Email Address)

ADDENDUM ACKNOWLEDGEMENT FORM
SOLICITATION NO.: CEOI 0313 DEP2500000001

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

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

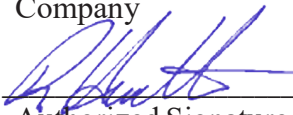
Addendum Numbers Received:
(Check the box next to each addendum received)

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

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

The Thrasher Group, Inc.

Company



Authorized Signature

10/28/2024

Date

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

WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION

AML CONSULTANT QUALIFICATION QUESTIONNAIRE

Attachment "A"

PROJECT NA CEOI 0313 DEP250000001 AML - EOI Morgantown Airport Subsidence Phase II		DATE (DAY, MONTH, YEAR) October 29, 2024		FEIN 55-0633596-6					
1. FIRM NAME The Thrasher Group, Inc.		2. HOME OFFICE BUSINESS ADDRESS 600 White Oaks Blvd. Bridgeport, WV 26330		3. FORMER FIRM NAME Thrasher Engineering					
4. HOME OFFICE TELEPHONE 304-624-4108	5. ESTABLISHED (YEAR) 1983	6. TYPE OWNERSHIP Individual Corporation X 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 600 White Okas Boulevard. Bridgeport, WV 26330 / 304-624-4108 / RJ Hovatter / 11									
8. NAMES OF PRINCIPAL OFFICERS OR MEMBERS OF FIRM Woody Thrasher - President and CEO Clayton White - COO		8a. NAME, TITLE, & TELEPHONE NUMBER - OTHER PRINCIPALS <div style="display: flex; justify-content: space-between;"> <div style="width: 48%;"> CHAD RILEY, PE - SHAREHOLDER (304)-326-6120 WM. RANDY WATSON - SHAREHOLDER (304) 326-6129 CHADWICK BILLER, PE - SHAREHOLDER (304) 326-6127 DAN FERRELL, PE - SHAREHOLDER (304) 288-7755 CRAIG BAKER, ALEP - SHAREHOLDER (304) 669-3022 JONATHAN CARPENTER, PE- SHAREHOLDER (304) 343-7601 KYLEA RADCLIFF, PE - SHAREHOLDER (304) 476-8033 JESSE ALDEN, PE - SHAREHOLDER (304) 476-8488 JASON BOYD, PE - SHAREHOLDER (304) 677-5142 JOE LOWTHER, PS - SHAREHOLDER (304) 677-5314 HEIDI HANDLEY - SHAREHOLDER (304) 612-6002 DOUG SMITH, PE, MBA - SHAREHOLDER (304) 326-6372 AMANDA CHEUVRONI, AIA - SHAREHOLDER (304) 444-0360 </div> <div style="width: 48%;"> MATTHEW BREAKEY, AIA - SHAREHOLDER (304) 641-3741 MICHAEL TYLER, PE - SHAREHOLDER (304) 343-7601 CLAY RILEY, PE - SHAREHOLDER (304) 288-5011 ERIC SHERRARD, EI - SHAREHOLDER (304) 918-4317 NICOLE JONES, PE - SHAREHOLDER (304) 476-3655 </div> </div>							
9. PERSONNEL BY DISCIPLINE									
<table style="width:100%; border: none;"> <tr> <td style="width:25%; vertical-align: top;"> 14 ADMINISTRATIVE 8 ARCHITECTS — BIOLOGIST 20 CADD OPERATORS — CHEMICAL ENGINEERS 44 CIVIL ENGINEERS 8 CONSTRUCTION INSPECTORS 3 DESIGNERS — DRAFTSMEN </td> <td style="width:25%; vertical-align: top;"> — ECOLOGISTS — ECONOMISTS 2 ELECTRICAL ENGINEERS 10 ENVIRONMENTALISTS 1 ESTIMATORS 3 GEOLOGISTS — HISTORIANS 1 HYDROLOGISTS </td> <td style="width:25%; vertical-align: top;"> 3 LANDSCAPE ARCHITECTS 1 MECHANICAL ENGINEERS — MINING ENGINEERS 3 PHOTOGRAMMETRISTS 2 PLANNERS: URBAN/REGIONAL 44 SANITARY ENGINEERS — SOILS ENGINEERS — SPECIFICATION 3 Writers </td> <td style="width:25%; vertical-align: top;"> 2 STRUCTURAL ENGINEERS 100 SURVEYORS 3 TRAFFIC ENGINEERS 48 OTHER 316 TOTAL PERSONNEL </td> </tr> </table>						14 ADMINISTRATIVE 8 ARCHITECTS — BIOLOGIST 20 CADD OPERATORS — CHEMICAL ENGINEERS 44 CIVIL ENGINEERS 8 CONSTRUCTION INSPECTORS 3 DESIGNERS — DRAFTSMEN	— ECOLOGISTS — ECONOMISTS 2 ELECTRICAL ENGINEERS 10 ENVIRONMENTALISTS 1 ESTIMATORS 3 GEOLOGISTS — HISTORIANS 1 HYDROLOGISTS	3 LANDSCAPE ARCHITECTS 1 MECHANICAL ENGINEERS — MINING ENGINEERS 3 PHOTOGRAMMETRISTS 2 PLANNERS: URBAN/REGIONAL 44 SANITARY ENGINEERS — SOILS ENGINEERS — SPECIFICATION 3 Writers	2 STRUCTURAL ENGINEERS 100 SURVEYORS 3 TRAFFIC ENGINEERS 48 OTHER 316 TOTAL PERSONNEL
14 ADMINISTRATIVE 8 ARCHITECTS — BIOLOGIST 20 CADD OPERATORS — CHEMICAL ENGINEERS 44 CIVIL ENGINEERS 8 CONSTRUCTION INSPECTORS 3 DESIGNERS — DRAFTSMEN	— ECOLOGISTS — ECONOMISTS 2 ELECTRICAL ENGINEERS 10 ENVIRONMENTALISTS 1 ESTIMATORS 3 GEOLOGISTS — HISTORIANS 1 HYDROLOGISTS	3 LANDSCAPE ARCHITECTS 1 MECHANICAL ENGINEERS — MINING ENGINEERS 3 PHOTOGRAMMETRISTS 2 PLANNERS: URBAN/REGIONAL 44 SANITARY ENGINEERS — SOILS ENGINEERS — SPECIFICATION 3 Writers	2 STRUCTURAL ENGINEERS 100 SURVEYORS 3 TRAFFIC ENGINEERS 48 OTHER 316 TOTAL PERSONNEL						
<p>TOTAL NUMBER OF WV REGISTERED PROFESSIONAL ENGINEERS IN PRIMARY OFFICE: 39</p> <p>*RPEs other than Civil and Mining must provide supporting documentation that qualifies them to supervise and perform this type of work.</p>									
10. HAS THIS JOINT-VENTURE WORKED TOGETHER BEFORE? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO - Not Applicable									

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

12.	A.	Is your firm's personnel experienced in Abandoned Mine Lands Remediation/Mine Reclamation Engineering?
	<input checked="" type="checkbox"/> YES	Description and Number of Projects: Thrasher performs engineering design services to the WV DEP for drainage, portal seals, highwall and other remediation projects, as well as water line and water treatment plant projects related to AML. Numerous projects involving land remediation, storm water drainage, slip repair, mass grading in relations to site development and highway projects are engineered by the firm on a regular basis.
		NO
	B.	Is your firm experienced in Soil Analysis?
	<input checked="" type="checkbox"/> YES	Description and Number of Projects: Thrasher maintains an AASHTO Certified materials testing lab at both the Bridgeport and Beckley offices. Soil analysis experience is specifically in gradation and classification.
		NO
	C.	Is your firm experienced in hydrology and hydraulics?
	<input checked="" type="checkbox"/> YES	Description and Number of Projects: Throughout the state, Thrasher has done planning and design of bridges for the West Virginia department of highways and the design of multiple private and municipal development projects located within floodplains. Thus, Thrasher has extensive experience in hydrology. We also have a vast amount of experience in hydraulic modeling for water and wastewater projects throughout West Virginia
		NO
	D.	Does your firm produce its own Aerial Photography and Develop Contour Mapping?
	<input checked="" type="checkbox"/>	Description and Number of Projects: Thrasher acquires aerial imagery using in-house resources on smaller area projects. We own and operate three UAS (unmanned aerial systems) for a variety of imagery missions for projects up to approximately 500 acres. For large mapping projects, we use commercial flying service. Thrasher has three FAA Certified pilots. Thrasher has expertise and software in-house and routinely performs aero triangulation, planimetric compilation, surface modeling, contour mapping and digitally rectified imagery. Thrasher has mapped and flown hundreds of projects within the last year.
		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.)
	<input checked="" type="checkbox"/> YES	Description and Number of Projects: Thrasher has designed more water line systems than any other West Virginia firm. Projects include new systems, extensions, and replacements of water line distribution systems, many of which have been affected by AML. Design of the projects includes lines, booster stations, water treatment plants, and storage facilities. Thrasher's analysis and design also includes improvements and alternatives for water sources deemed ground water under the direct effect of surface water.
		NO
	F.	Is your firm experienced in Acid Mine Drainage Evaluation and Abatement Design?
	<input checked="" type="checkbox"/> YES	Description and Number of Projects: Thrasher has been awarded and has successfully completed numerous reclamation projects for the WV DEP related specifically to acid mine drainage and abatement, as well as multiple passive treatment systems designed to watershed protection groups. The Charleston, WV branch of our company designed and award-winning water treatment plant for Martinka mines in Marion County, West Virginia to treat mine drainage.
		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:
Richard "RJ" Hovatter, PE Project Manager	17	17	17

Brief Explanation of Responsibilities

As Project Manager, RJ has completed the site design, grading, storm water and erosion and sediment control plans for over twenty private and commercial development. He has also managed over 35 Abandoned Mine Land Emergency and Abandoned Mine Land projects in West Virginia, Maryland and Ohio. RJ has also been the lead on numerous slip remediation projects.

EDUCATION (Degree, Year, Specialization)

Bachelor of Science, 2002, Civil Engineering Technology – Fairmont State University

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS

N/A

REGISTRATION (Type, Year, State)

Professional Engineer, 2009, West Virginia #018460
Professional Engineer, 2010, Pennsylvania #PE077844

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:
Chadwick Biller, PE QA/QC	20	25	25

Brief Explanation of Responsibilities

Chadwick Biller has experience in all aspects of Engineering with specific emphasis on site development, highways, roads, bridges, and airports. Chad joined The Thrasher Group, Inc. in 1999 and is a partner of The Thrasher Group. Chad is responsible for WV DEP AML projects and public and private site development projects, specializing in airports, highways, roads, and bridges. As project manager for all of the firm's WVDOT/DOH projects, he has knowledge of the state and federal building standards.

EDUCATION (Degree, Year, Specialization)

Bachelor of Science, Civil Engineering, 1992 - West Virginia University

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS

American Society of Civil Engineers, Society of American
Military Engineers, National Society of Professional Engineer

REGISTRATION (Type, Year, State)

Professional Engineer, 1998, West Virginia #13620
Professional Engineer, 1999, Pennsylvania #PE056012E
Professional Engineer, 2000, Ohio #64594

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:
Nicole Jones, PE FAA/Aviation Expert	0	0	14

Brief Explanation of Responsibilities

As the FAA and Aviation Expert, Nicole's responsibilities include coordination with the Beckley ADO office for any FAA coordination for example any NEPA approvals that are required and any communication with the Morgantown Airport. Nicole will work with RJ and the team/stakeholders to prepare Construction Safety Phasing Plan and submit to the FAA for their review and approval along with preparing documents to submit for airspace clearance of the access roads, laydown yards, batch plant etc that will be on the airfield.

EDUCATION (Degree, Year, Specialization)

Bachelor of Science, 2010, Civil Engineering - West Virginia University

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS

WAI/Harvard University Emerging Leaders Program
WAI Mountain State Chapter Secretary

Women in Aviation International (WAI) Member
Leadership Monongalia County

REGISTRATION (Type, Year, State)

Professional Engineer, West Virginia - 2015
Project Management Professional (PMP) - 2019

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:
Cody Winter, EI Design Team	2	2	8

Brief Explanation of Responsibilities

As part of the Design Team, Cody's responsibilities will include design management of projects, coordination with RJ, layout, AutoCAD drafting, project management, and Plan Set Construction.

EDUCATION (Degree, Year, Specialization)

Bachelor of Science, 2016, Civil Engineering Technology - Fairmont State University

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS

N/A

REGISTRATION (Type, Year, State)

Engineering Intern: 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.)

Brittany Ward
Environmental Scientist

YEARS OF EXPERIENCE

YEARS OF AML DESIGN EXPERIENCE:

1

YEARS OF AML RELATED DESIGN EXPERIENCE:

12

YEARS OF DOMESTIC WATERLINE DESIGN EXPERIENCE: 12

Brief Explanation of Responsibilities

As Environmental Scientist, Brittany will be responsible for providing technical support to watershed management, restoration, natural resource conservation, and hazardous materials programs. She is experienced at providing project oversight and managing field teams and contractors collecting wetland, stream quality, environmental media data, and general site condition data for site characterization.

EDUCATION (Degree, Year, Specialization)

Bachelor of Science, 2011, Environmental Science - University of Charleston

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS

N/A

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.)

Heather Pauley
Environmental Scientist

YEARS OF EXPERIENCE

YEARS OF AML DESIGN EXPERIENCE:

1

YEARS OF AML RELATED DESIGN EXPERIENCE:

4

YEARS OF DOMESTIC WATERLINE DESIGN EXPERIENCE: 1

Brief Explanation of Responsibilities

As Environmental Scientist, Heather will be responsible for providing technical support to watershed management, restoration, natural resource conservation, and hazardous materials programs. She is experienced at providing project oversight and managing field teams and contractors collecting wetland, stream quality, environmental media data, and general site condition data for site characterization.

EDUCATION (Degree, Year, Specialization)

Master of Education, 2014 - Marshall University
Bachelor of Science, Environmental Science - Marshall University

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS

N/A

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:
Aaron Raw, PS Survey Manager	5	5	5

Brief Explanation of Responsibilities

Aaron's duties cover various aspects of surveying, including routing, as-builts, preliminary, construction stakeout and boundary of construction management. He also meets with project stakeholders, area residents, local utility companies, and the project engineers to ensure that schedules are being met and to regularly update all parties on construction status. Additionally, Aaron is progressively responsible for the coordination of field crews, data collection, site layouts, ALTA surveys, subsidence and topographic surveys

EDUCATION (Degree, Year, Specialization)

Associates of Science, 2011, Surveying Technology - Glenville State University

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS

West Virginia Society of Professional Surveyors

REGISTRATION (Type, Year, State)

Professional Surveyor: West Virginia and 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.)	YEARS OF EXPERIENCE		
	YEARS OF AML DESIGN EXPERIENCE:	YEARS OF AML RELATED DESIGN EXPERIENCE:	YEARS OF DOMESTIC WATERLINE DESIGN EXPERIENCE:
Duane Perkins Construction Manager	0	3	31

Brief Explanation of Responsibilities

Duane is the a senior construction manager in Thrasher's Bridgeport office, which consists of management of quality measures for the clientele, scheduling, invoicing and proposals, and making sure the Beckley lab is running to the standards as set forth from AASHTO. He also makes sure that Thrasher's RPRs are informed and competent in the testing being performed, as well as tracking down information that is required for said testing.

EDUCATION (Degree, Year, Specialization)

N/A

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS

N/A

REGISTRATION (Type, Year, State)

N/A

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

The Thrasher Group, Inc. will design work for AML utilizing one of the largest networks of computer aided design (CAD) equipment, software and trained personnel in the state of West Virginia.

Connected through a virtual private network, our cad staff has the ability to share necessary plans among our locations. This will allow work designed for AML to be prepared and updated at the office location that best meets the needs of the scope of services.

Civil 3D, Carlson and Microstation V8 Software is utilized at 35 CAD stations throughout our locations. Additionally, equipment includes 10 large format (Size E) plotters and 5 large format plotter / scanners. CAD plans are prepared by both dedicated cad employees and by staff engineers and engineering technicians in each of the firm's offices.

Thrasher also utilizes top-of-the line survey equipment. Our survey work is accomplished with global positioning systems (GPS) and electronic distance measuring (EDM) survey stations with data gathering capabilities. The survey crews and office support staff generate mapping deliverables in virtually any digital format referenced to specified projection systems.

Additional survey services include: high accuracy monumentation, astronomic observations / orientation, NGS blue booking, hydrographic, terrestrial scanning, 3D asbuilts, 3d monitoring, sub-surface utility location / designation. The field crews are all equipped with late model four-wheel drive vehicles stocked with the most modern equipment available to perform professional land surveying services.

- 111 TRIMBLE GNSS UNITS
- 68 TRIMBLE ROBOTS
- 2 PRECISE DIGITAL FIRST ORDER LEVELS WITH INVAR RODS
- 39 LEICA, NIKON OR TOPCON TOTAL STATIONS ALL MANAGED BY
- TRIMBLE TSC3 FIELD COMPUTERS
- 2 REMOTE CONTROLLED/UNMANNED MAPPING AERIAL PLATFORM
- HYDROGRAPHIC SURVEY VESSEL
- CIVIL 3D
- CARLSON AND MICROSTATION V8 SOFTWARE
- 35 CAD STATIONS
- 10 LARGE FORMAT (SIZE E) PLOTTERS AND
- 5 LARGE FORMAT PLOTTER / SCANNERS
- 7 3D SUB-SURFACE UTILITY LOCATORS

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
DESIGN GROUP B AML - REFUSE, PORTALS, RECLAMATION, LANDSLIDE OHIO, MARION, AND TAYLOR COUNTIES, WV	ENVIRONMENTAL PROTECTION OFFICE OF AML&R 601 57TH ST SE CHARLESTON WV 25304	PROVIDE ENGINEERING SERVICES TO MITIGATE MINING RELATED PROBLEMS ASSOCIATED WITH ABANDONED MINE LANDS (PERMITTING, DESIGN, CONSTRUCTIONMONITORING)	TBD	80%
KEMPTON REFUSE REHABILITATION TUCKER COUNTY, WV NEAR THOMAS	ENVIRONMENTAL PROTECTION OFFICE OF AML&R 601 57TH ST SE CHARLESTON WV 25304	PROVIDE ENGINEERING SERVICES TO MITIGATE MINING RELATED PROBLEMS ASSOCIATED WITH ABANDONED MINE LANDS (PERMITTING, DESIGN, CONSTRUCTION MONITORING)	TBD	0%
HATFIELD-MCCOY REGIONAL RECREATION AUTHORITY TWIN HOLLOW CAMPGROUND AML PILOT LOGAN COUNTY, WV	MR. JEFFREY LUSK, EXECUTIVE DIRECTOR 179 RITA MALL ROAD MAN, WV 2563 304-692-6782	PROVIDE ENGINEERING SERVICES TO MITIGATE MINING RELATED PROBLEMS ASSOCIATED WITH ABANDONED MINE LANDS (PERMITTING, DESIGN, CONSTRUCTION MONITORING)	TBD	30%
TOTAL NUMBER OF PROJECTS: 3 of our current projects listed		TOTAL ESTIMATED CONSTRUCTION COSTS: \$ N/A		

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
		N/A			

17. COMPLETED WORK WITHIN LAST 5 YEARS ON WHICH YOU WERE THE DESIGNATED ENGINEER OF RECORD:

AML RELATED PROJECTS FOR THE WVDEP AND WATERSHED PROTECTION GROUPS

PROJECT NAME, TYPE AND LOCATION	NAME AND ADDRESS OF OWNER	ESTIMATED CONSTRUCTION COST	YEAR	CONSTRUCTED (YES OR NO)
NUTTER RUN LANSLIDE EMERGENCY AML HARRISON COUNTY, WV	WV DEP, NORTHERN EMERGENCY 101 CAMBRIDGE PLACE BRIDGEPORT, WV 26330 304-842-1900	\$10,000,000	2017	YES
RIDGEWAY DRIVE LANDSLIDE EMERGENCY AML HARRISON COUNTY, WV	WV DEP, NORTHERN EMERGENCY 101 CAMBRIDGE PLACE BRIDGEPORT, WV 26330 304-842-1900	\$20,000,000	2018	YES
ED GOWER HIGHWALL AML GRANT UPSHUR COUNTY, WV	WV DEP, OFFICE OF AMLER 601 57 TH STREET, SE CHARLESTON, WV 25304	\$11,080,655	2019	YES
ASHLAND RESORT AML PILOT MCDOWELL COUNTY, WV	MR. JEFFREY LUSK, EXECUTIVE DIRECTOR 179 RITA MALL ROAD MAN, WV 2563 304-692-6782	MASTER PLANNING, RECLAMATION WORK, UTILITY EXTENSIONS, BRIDGE DESIGN, ROAD IMPROVEMENTS, ENVIRONMENTAL ASSESSMENTS, PERMITTING	\$1,700,000	YES
ISAAC CREEK LANDSLIDE ABANDONED MINE LANDS AND RECLAMATION NEAR DOLA WV - HARRISON COUNTY	ENVIRONMENTAL PROTECTION OFFICE OF AML&R 601 57TH ST SE CHARLESTON WV 25304	DEVELOP CONSTRUCTION AND EROSION AND SEDIMENT PLANS ALONG WITH TECHNICAL SPECIFICATIONS TO STABILIZE THE LANDSLIDE AND RE-ESTABLISH THE ALIGNMENT OF ISAAC CREEK ROAD (CR 16-1)	\$890,000	YES
HATFIELD-MCCOY REGIONAL RECREATION AUTHORITY IVY BRANCH AML PILOT PROJECT BOONE COUNTY, WV	MR. JEFFREY LUSK, EXECUTIVE DIRECTOR 179 RITA MALL ROAD MAN, WV 2563 304-692-6782	ENVIRONMNETAL PERMITTING AND ASSESSMENTS, NEPA DOCUMENTATION, ENGINEERING DESIGN, BIDDING, CONSTRUCTION ADMINISTRATION	\$350,000	YES
ISAAC CREEK NEAR DOLA WV HARRISON COUNTY	WV DEP, NORTHERN EMERGENCY 101 CAMBRIDGE PLACE BRIDGEPORT, WV 26330 304-842-1900	\$883,096	2022	YES
OWL CREEK HIGHWALL #2 MORGANTOWN WV MONONGALIA COUNTY	WV DEP, NORTHERN EMERGENCY 101 CAMBRIDGE PLACE BRIDGEPORT, WV 26330 304-842-1900	\$2,159,917.25	2023	NO
Branchland (Ellis) Portals and Landslide LINCOLN COUNTY	Mr. Chris Matkins, PE 1159 Nick Rahall Greenway Fayetteville, WV 25840 304-574-4465	\$123,950.00	2023	YES
Bloomingrose Burning Refuse BOONE COUNTY	WV DEP, NORTHERN EMERGENCY 101 CAMBRIDGE PLACE BRIDGEPORT, WV 26330 304-842-1900	\$88,000.00	2022	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: Project Manager

Date: October 28, 2024

Printed Name: Richard Hovatter, PE

AML and RELATED PROJECT EXPERIENCE MATRIX

PROJECT	Exp. Basis C-Corp P-Personal *	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.	Remaining Evaluation	Mine/refuse fire abatement	Subsidence investigation/mitigation	Hazard waste disposal	Project specifications	Water quality evaluation/ mitigation replacement	Construction inspection/management	Water treatment	Equipment/ structure removal	Stream restoration	Geotechnical/stability	Chadwick Biller	Richard Hovatter
Anglins Run Portals	C				X	X					X							M	
Roaring Creek	C		X	X		X			X		X							M	
Shinns Run Portals	P			X		X			X		X								M/P
Squire's Creek Portals	C		X		X	X					X				X			M	
Overfield (Laferty) CS&P	C		X		X	X					X						X	M	
Laurel Run	C		X		X	X					X							M	
Clarksburg Lyons Landslide	C		X			X					X						X	M	
Pleasant Valley	C		X		X	X					X							M	
Roger Camp Hill	C		X			X					X							M	
Owl Creek Highwall #2	C		X		X	X					X					X		M	P
Landgraaf Refuse	C		X			X					X							M	
Canyon Refuse & Dump	C		X		X	X					X				X			M	
Stowe (Prince) Landslide	C					X					X						X	M	P
Lamberts Run Site 7	C		X			X					X	X	X	X		X		M	
Swamp Run #1	C		X			X					X	X	X	X		X		M	
Dans Branch	C					X					X						X	M	
Ed Gower Highwall #2	C		X		X	X					X							M	P
Martinka Mine	C		X			X					X	X	X	X				M	
Kempton Rehabilitation	C		X			X					X	X	X	X	X	X	X	M	P
Design Group B	C		X	X	X	X					X	X	X		X	X	X	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.

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:	The Thrasher Group, Inc.
Tax ID #:	55-0633596
Address:	600 White oaks Blvd.
City, State, & Zip:	Bridgeport, WV 26330
Phone Number:	304-205-8809
Email Address:	rhovatter@thethrashergroup.com

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

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

Part C: Certifying and updating information in the AVS

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

I, Richard G. Hovatter, 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

Senior Project Manager

Title

Part D: OFT InformationContractor's Business Name: The Thrasher Group, 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: Woody Thrasher
 Address: 600 White Oaks Blvd
 City, State, Zip: Bridgeport, WV 26330
 Begin Date: 06/1/1983
 End Date: _____
 % Ownership: 19%
 Position/Title: President
 Phone Number: 304-624-4108

Name: Chad Riley
 Address: 600 White Oaks Blvd
 City, State, Zip: Bridgeport, WV 26330
 Begin Date: 04/01/2022
 End Date: _____
 % Ownership: 3%
 Position/Title: Vice President
 Phone Number: 304-624-4108

Name: Lauren Lint
 Address: 600 White Oaks Blvd
 City, State, Zip: Bridgeport, WV 26330
 Begin Date: 04/01/2022
 End Date: 04/16/2024
 % Ownership: 1%
 Position/Title: Treasurer
 Phone Number: 304-624-4108

Name: Clayton White
 Address: 600 White Oaks Blvd
 City, State, Zip: Bridgeport, WV 26330
 Begin Date: 04/01/2022
 End Date: _____
 % Ownership: 1%
 Position/Title: Secretary
 Phone Number: 304-624-4108

PAPERWORK REDUCTION STATEMENT

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All OFT's where the selected entity is listed as an entity or related entity

Entity Selected (260544) The Thrasher Group Inc

Parent Entity	Relationship	Description	Related Entity	% Ownership	Begin Date	End Date
(260544) The Thrasher Group Inc	Manager	Senior Project Manager	(260548) Richard G Hovatter		8/29/2011	
(260544) The Thrasher Group Inc	Treasurer		(265777) Lauren Lint		4/1/2022	
(260544) The Thrasher Group Inc	Shareholder		(265777) Lauren Lint	1%	3/23/2018	
(260544) The Thrasher Group Inc	Shareholder		(264948) Clay Riley	3%	1/31/2008	
(260544) The Thrasher Group Inc	Shareholder		(260547) Chad Riley	3%	6/22/1997	
(260544) The Thrasher Group Inc	Vice President		(260547) Chad Riley		4/1/2022	
(260544) The Thrasher Group Inc	President		(265776) Henry Wood Thrasher		4/1/2022	
(260544) The Thrasher Group Inc	Shareholder		(265776) Henry Wood Thrasher	19%	6/1/1983	
(260544) The Thrasher Group Inc	Secretary		(265778) Clayton White		4/1/2022	
(260544) The Thrasher Group Inc	Shareholder		(265778) Clayton White	1%	8/1/2016	
(260544) The Thrasher Group Inc	President		(260545) Kenneth P Moran		5/27/1991	1/1/2020
(260544) The Thrasher Group Inc	Vice President		(260547) Chad Riley		6/22/1997	1/1/2020
(260544) The Thrasher Group Inc	Secretary		(260546) Ronald Stanley		2/4/2009	1/1/2020
(260544) The Thrasher Group Inc	Shareholder		(260546) Ronald Stanley	5%	2/4/2009	6/4/2021
(260544) The Thrasher Group Inc	Shareholder		(260545) Kenneth P Moran	10%	5/27/1991	4/1/2022
(260544) The Thrasher Group Inc	Secretary		(264948) Clay Riley		1/1/2020	4/1/2022
(260544) The Thrasher Group Inc	President		(260547) Chad Riley		1/1/2020	4/1/2022
(260544) The Thrasher Group Inc	Vice President		(260546) Ronald Stanley		1/1/2020	4/1/2022
(260544) The Thrasher Group Inc	Treasurer		(260546) Ronald Stanley		2/4/2009	4/1/2022



THRASHER