

EOI SARDIS (Saas) LANDSLIDE PROJECT

HARRISON COUNTY, WV

DEP 2100000001

September 3, 2020



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WV PURCHASING
DIVISION

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📍 2361 Davisson Run Rd
Suite 103, Clarksburg, WV 26301

☎ 304-933-3463

✉ mike@ascentconsultingengineers.com

September 2, 2020
Guy Nisbet
Purchasing Division
2019 Washington Street E.
Charleston, WV 25305

Re: EOI Sardis (Saas) Landslide Project Harrison County WV DEP2100000001

Ascent Consulting & Engineering (ACE) is pleased to submit this Statement of Qualifications for Engineering Services regarding The Sardis Landslide Project. ACE is a "hometown" firm comprised of "hometown" individuals that simply strive to complete good work and help to improve our beloved state.

A son of a coal miner, I was told at a young age that I was not allowed to follow in my father's footsteps. However, I took an interest in construction, machinery, energy, and infrastructure. After completing a degree in civil engineering, I was fortunate enough to work for a growing company that allowed me to experience a variety of civil engineering projects. I worked my way up from a staff engineer to a major division lead, focusing on development projects, earthwork, stormwater/drainage, transportation, and Abandoned Mine Lands projects, among others. Through that career growth, I began to spend less and less time dealing with aspects of the designs, working with clients, and teaching the younger generation of engineers. The desire to do those things led me to start a new engineering firm, Ascent Consulting and Engineering....

We are now completing our third year in business and have been extremely lucky to have worked on a large variety of projects. The components of the designs we complete every day are very similar with those that are required for projects such as this and our staff has worked on numerous AML projects in their past. However, as a new company, we have not yet had the honor of working with your office on an Abandoned Mines related project. I would greatly appreciate the opportunity to do so and I believe very strongly that we will do an excellent job. This particular project is perfect for our team. Not only do we specialize in engineering challenges with respect to earth stabilization, drainage, and treatment; the project site is in our backyard, under ten miles from our office!

At ACE, we use a common sense approach to complete projects and provide a level of service and accessibility that is unmatched. Too often, engineering and consulting services are treated as tasks with little thought as to how the process affects the client or the public. At Ascent, we strive to appreciate and plan for all facets of the project such as operation during construction in addition to the final product.

The ACE team understands that these projects will benefit The State of West Virginia and its residents. The Selection of ACE will be beneficial for multiple reasons:

- Your project is IMORTANT to us!
- Experience, quality of work, knowledge, and personal touch
- Priority and communication

This is an exciting opportunity for ACE and we greatly appreciate the opportunity to be considered for this work.
Sincerely,

Ascent Consulting & Engineering, LLC

Michael R. Nestor

Michael R. Nestor, PE
Managing Member



Ascent Consulting and Engineering is a modern Engineering Firm. We believe that communication and teamwork is the key to the success of every project.

OUR SERVICES:

**CIVIL ENGINEERING
SITE DEVELOPMENT
ENVIRONMENTAL
CONSTRUCTION SERVICES
MATERIALS TESTING &
INSPECTION**

LOCATION:

Clarksburg, WV

CONTACT

PHONE: 304-933-3463

ADDRESS:
2361 Davisson Run Rd.
Suite 103
Clarksburg, WV 26301

WEBSITE:

www.ascentconsultingengineers.com

WHO WE ARE

Founded in January 2018, Ascent Consulting and Engineering is a young and growing firm headquartered in Clarksburg, West Virginia. Ascent was assembled with experienced professionals that all have a desire to maintain relationships with clients and their projects. In other words, our Managers not only want to be involved in every aspect of the project, they are required to be. Our team of professionals have extensive experience in Design, Environmental, Construction, Stormwater Management, and Utility Projects. We also maintain an AASHTO accredited materials testing laboratory and provide Construction Management and Inspection services which allow us to be a full-service firm for our clients.

These common core values allow ACE to provide a full range of services to our clients and for us to be "hands on" and quick to respond to our clients' needs

ABOUT OUR SERVICES

CIVIL ENGINEERING

Our professional engineering team has discipline in design, maintenance, public works, sewage systems, pipelines and more. ACE provides a top level service of engineering and consulting to every project we manage.

SITE DEVELOPMENT

Ascent offers services extensive expertise in Land Development projects including new construction, renovations, and project expansions. We specialize in layout, drainage, and stormwater management.

ENVIRONMENTAL

Ascent covers a wide range of services, including subsurface investigations, acid mine drainage treatment technologies, remediation, regulatory compliance and permitting, and general environmental consulting.

CONSTRUCTION SERVICES

The Ascent Team is dedicated to the successful completion of your project. Our staff values safety, quality, communication, and project schedules. We are experienced in QA/QC inspection, Erosion and Sediment Control Inspections, Right of Way and Easement Plans, Turnkey Construction Projects and more.

MATERIALS TESTING

Our lab is AASHTO accredited and our technicians are highly experienced. We have a complete in-house laboratory that allows us to inspect and calibrate in accordance with the highest industry quality assurance standards.

PROFESSIONAL LICENSES & CERTIFICATIONS

Michael R. Nestor: Professional Engineer- West Virginia [REDACTED]

Jeffrey Knepper: Licensed Remediation Specialist – West Virginia

Jeffrey Knepper: Licensed Certified Geologist - Virginia

Andrew Kincell: Contractor License [REDACTED]

AASHTO Accredited Materials Testing Laboratory



Ascent is an efficient and capable firm. Our professionals consist of Civil Engineers, Mechanical Engineers, Environmental Scientists, and CAD Technicians that all work closely together. The "family" atmosphere and effective communication amongst staff helps to streamline projects in an efficient and productive manner.

OUR PROFESSIONAL TEAM

- 6 Civil/Site Engineers**
- 4 Environmental Service Staff**
- 2 Mechanical Engineers**
- 11 Field Services Staff**
- 2 Administrative Staff**

YOUR ACE IN THE HOLE!

BACKGROUND

The Ascent staff comes from a broad array of professional backgrounds including consulting, construction, and environmental engineering and our team members had one major thing in common.... They all wanted to be part of something special and different; a company with a family atmosphere, a company that supports its employees and encourages them, a company that allows management to take an active role in projects, and a company that above all else is dedicated to providing a good work product to its clients.

These common core values allow ACE to provide a full range of services to our clients and for us to be "hands on" and quick to respond to our clients' needs.

OUR KEY TEAM

Michael R. Nestor, PE and Managing Member

Mr. Nestor is the founder and Managing Member of Ascent Consulting and Engineering. He has over 16 years of engineering and consulting experience and previously served as the "Site Division Manager" for a larger, regional engineering firm. Mike will function as the Team Lead for this project, providing experience, communication, and QA/QC. Mike will be the primary contact throughout the duration of the project.

Zachary L. Assaro, Member

Mr. Assaro is a Senior Project Manager and Member of Ascent. He has 10 years of experience in land development projects throughout the state of WV. Zach has specialized his design work in land development, stormwater management, and drainage projects however his best quality is his ability to successfully manage projects as an effective communicator. His ability to frame and guide project teams while keeping them on time and in budget is second to none. Zach will work hand in hand with Mike to lead the design of this project.

Eric Short, Senior, Project Engineer

Mr. Short is a Senior Civil Project Engineer. In his 16 years in the industry, he has worked on a variety of projects including landslides, transportation, development, utilities and more. Mr. Short excels in providing detailed plans that are practical and easy to follow. His work is meticulous, and his designs consider every stage of the project from start to finish. Eric will lead the design team under the guidance of Mike and Zach.

Jeff Knepper, CPG, LRS and Environmental Division Manager

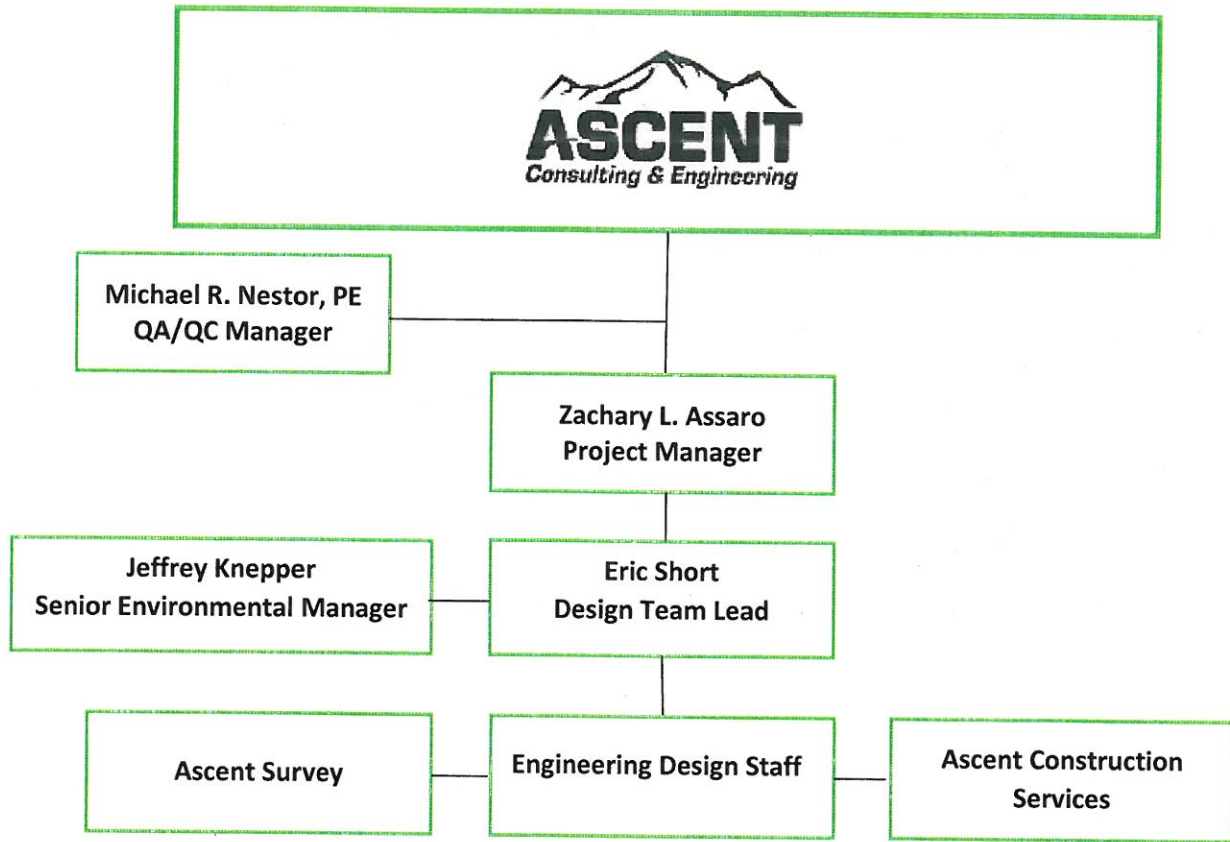
Mr. Knepper has over 22 years of experience working on complex environmental projects specializing in regulatory compliance/permitting, remediation, and hydrogeologic investigations. He is a certified Professional Geologist and a West Virginia Licensed Remediation Specialist. Jeff will provide environmental support and leadership for this project.

Andy Kincell, Field Services Manager

Mr. Kincell leads Ascent's field services division, providing knowledge and support to field staff, scheduling personnel, and overseeing our full-service ASHTO accredited materials testing laboratory. Andy has nearly 20 years of experience overseeing a full range of construction projects including transportation/DOH projects, large earthwork, utilities, retaining walls, and more.

SARDIS (SAAS) LANDSLIDE PROJECT

HARRISON COUNTY, WV



Valued Sub-Consultants



Our team is ready to begin your project TODAY! Ascent is ready, willing, and available to dedicate its resources to the Sardis Landslide Project. Our management team will cater our schedules and delivery to the preference of your team however at a minimum, we require weekly updates to our clients with respect to work completed, issues arisen, and anticipated schedule ahead. We are available by phone and email at the drop of a hat and we encourage meeting in person with the project team. Mr. Nestor will conduct weekly progress meetings internally with the management and design staff to review schedule and budget and will relay progress weekly to ownership through email updates and/or phone conferences. Significant milestones and project revisions will trigger in person meetings as they develop, and Ascent will be available at all regularly scheduled meetings.

PROCEDURE

Ascent strongly believes that clear communication and expectations are at the core of every successful project. We will encourage a kickoff meeting with your staff and our design team at the onset of the project for discussion about existing conditions, project goals, availability of funds, site operations, and perceived challenges, etc. This meeting allows us to fully understand the project from the Owner's point of view and to tailor our approach and communication to that of your liking. We do not look to reinvent the wheel at Ascent. Instead, it is our goal to support the Owner's vision by providing a third-party professional conditions review, using our experienced team to offer valuable suggestions, looking for efficient ways to accomplish the project goals, and executing a plan that is easily understood, constructed, and ultimately fixes the problem. At a minimum, Ascent facilitates projects according to the following procedure...

- Project Kickoff Meeting
 - Sets expectations for scope, budget, schedule, communication procedure, etc.
 - Informs team with respect to subconsultants and other outside factors.
 - Review of site history and Owner's preferred plan.
 - Discuss preferences and limitations to site access and other important items.
 - Develops "action items" and delivery dates based on various decision points.

- Conceptual Layout and Preliminary Cost Estimation
 - Our team begins preliminary layout based on initial discussion and performs initial cost estimate for comparison with project budgets. This stage allows the project team time to adjust the plan before a lot of time is invested should it be found that anticipated project costs are not aligned with available budget.
 - Key in on site access with respect to Geotechnical Investigation, survey, and the ultimate maintenance of the site. Any site work such as clearing and grubbing or minor grading for rig access should be coordinated with the proposed plan in order minimize rework and help to hold down project costs.
 - During this process, various items are completed concurrently such as base mapping, ground survey, and Geotechnical Evaluations. Ascent has developed valued relationships with its subconsultants. We will be utilizing 6 Guns for drone flights/base mapping, Brandon Rumbaugh Solutions (A service disable veteran owned firm) for field survey, and American Geotech for subsurface exploration and stabilization recommendations. Each of these consultants are reliable team members and work routinely with Ascent staff to develop plans that are efficient, accurate, and delivered in a timely manner.

- Plan Production
 - The keys to project success for this site include but are not limited to landslide stabilization, conveyance and mitigation of AMD drainage, conveyance of site runoff and impounded water, re-grading of the project area, and revegetation of all disturbed areas.
 - Subsurface findings with respect to the landslide and AMD sources will set the stage for the remainder of the design work. Based off subsurface soil conditions, piezometer readings, and site borings, the design team will know where the water is that is feeding the problem, and how significant earthwork operations will need to be in order to stabilize it. This will help the design team to establish grading elevations, make determinations on horizontal borings, wet mine seals, etc. Once the design team understands what the final surface will look like and how the AMD will need to be relieved, they will focus on the design of the drainage

conveyances as well as mitigation strategies. It will be important to plan not only for the final conditions but also for construction activities and grading operations may need to be staged to prepare for possible release of water during the performance of horizontal borings or mine seal installations. Finally, the design will be evaluated for long term sustainability in order to reduce or completely eliminate maintenance after construction is complete. The plan will be devised in a way that fixes the problem at hand yet minimizes disturbance to the existing landscape. We understand that vegetation is an important factor to stabilization so any areas that can remain undisturbed will be exonerated from clearing and grubbing activities. In addition, areas that require clear cut will be planned for revegetation in order to re-stabilize the surface as quickly as possible. The team assembled for this project has extensive experience in Geotechnical exploration and design, landslide remediation, hydrology/hydraulics, Drainage Design, permitting, and AMD treatment processes as well as many other relevant project tasks.

- The Ascent Project Manager will provide a weekly email update to the Client outlining work completed, the schedule ahead, and any changes. Significant changes or new information found that is anticipated to require project adjustments will be brought to the Client immediately. Initial contact in this instance is always a phone call, followed by a recap email and in some cases, face to face meetings if the Client is available. Project budgets and schedules are re-evaluated at milestones (typically at 30%, 60%, and 90% completion).
- Construction Management and Project Inspection
 - The project manager in charge will also serve as the Project Manager throughout construction. He will help to identify the proper field personnel to inspect the project, will speak to the inspector daily, and will attend contractor/progress meetings throughout the duration of the project. He will review and submit daily reports to ownership and notify the Client immediately if any problems arise. The Project Manager will also review/approve pay applications submitted by the contractor.
- Project Finalization
 - Ascent will constantly evaluate progress to ensure that the project is on schedule and that pay applications are consistent with the work completed.



MANAGEMENT TEAM

One of the primary reasons Ascent was formed was that we want to make a difference in our state! Because of this, we have dedicated our ownership team to our projects.

Mike Nestor, our Managing Member has served in various roles for AML projects as well as numerous projects with related design activities. Mr. Nestor worked as a staff engineer, project engineer, project manager, and then led an entire site development division for a large regional design firm before starting Ascent Consulting and Engineering in January of 2018. He now serves as the Managing Member for the firm. He is very heavily involved in all aspects of the firm's work including design and review for projects. Mr. Nestor has and continues to work with drainage, stormwater, land development, public utility, transportation/access roads, landslides, and more. He is available 24/7 at 304.677.8981 and mike@ascentconsultingengineers.com.

Zachary Assaro, Co-owner and member will also serve this project as the internal Project Manager. Zach will coordinate with Ascent's design team, subcontractors, etc. to ensure the projects stays on time and on budget. He is also available 24/7 at 304.641.0363 and zach@ascentconsultingengineers.com.

Collectively, our project management team has over 50 years of related experience. In addition to our management team Ascent Consulting and Engineering has 6 Civil/Site Engineers, 4 Environmental Members, 2 Mechanical Engineers, 14 Field Service Staff and 2 Administrative Professionals. We have built a network of reliable subcontractors as well as subconsultants (when needed) and we will pull out all stops for the successful completion of this project!





ASCENT CONSULTING AND ENGINEERING, LLC
SIMILAR PROJECT EXPERIENCE (1of 2)

PROJECT INFORMATION

PROJECT DETAILS

**WVDEP
OFFICE OF AML&R
ANGLINS RUN**

**Engineer:
Michael Nestor**

Anglins Run, Philippi, WV

Geotechnical Investigation and installation of piezometers to identify pavement and water elevations for existing mine seepage. Developed plans for installation of wet mine seals, grading activities, and downstream conveyance.

**WVDEP
OFFICE OF AML&R
ROARING CREEK**

**Engineer:
Michael Nestor**

Roaring Creek, Coalton, WV

Geotechnical Investigation and installation of piezometers to identify pavement and water elevations for existing mine seepage. Developed plans for installation of wet mine seals, grading activities, and downstream conveyance. Portals were spread out and access to sites for construction was more challenging on this project. In addition, this project included many sinkholes associated with mine collapses. The landowner was losing water from his farm pond into the sinkholes and the project included regrading runoff conveyance to work around sinks, ensuring runoff would continue to feed the pond.

**Realisations 789
Globe Mine**

**Geologist/Project Manager:
Jeff Knepper**

Globe Mine, Newell WV

Mr. Knepper Led a team to treat highly concentrated acid mine drainage (AMD) from two old clay mines. The AMD was regulated through a WV NPDES permit. The facility was in violation for 10 plus years. Mr. Knepper modified the facility to treat the AMD through passive and active treatment while also controlling the mine pool and gaining compliance with the NPDES permit.

Scott County

**Geologist/Project Manager:
Jeff Knepper**

Gate City, VA

Mr. Knepper performed site characterization studies on extensive Karst Terrain identifying pathways for groundwater contamination and effective treatment options. Mr. Knepper prepared Corrective Action Plans and Nature and Extent Studies for groundwater contamination from abandoned mines.

Island Creek Coal Company

**Geologist/Project Manager:
Jeff Knepper**

Island Creek Coal Company – Regulator

This project involved the AMD treatment using 6 Class 5 type X13 injection well in the North Branch Mine. The geology, hydrogeology and water quality were reviewed and analyzed to ensure protection of human health and the environment. Mr. Knepper prepared the permit for the WVDEP and provided consultation and corrections to the permittee.



ASCENT CONSULTING AND ENGINEERING, LLC
SIMILAR PROJECT EXPERIENCE (2 of 2)

| PROJECT INFORMATION | PROJECT DETAILS |
|---|---|
| <p>ND Paper 702 AFR Drive Fairmont, WV 26554 Project Manager: Michael Nestor Project Engineer: Eric Short</p> | <p>ND Paper Slip, Marion County, WV +/- 150 lineal feet slip occurred along the banks of the Monongahela River immediately below an existing effluent tank, jeopardizing the tank, extensive utilities, and potential contamination in the river. Ascent teamed with American Geotech to perform an investigation and design an H-Pile retaining wall to support the hillside, utilities, etc.</p> |
| <p>Mountain V Oil and Gas 104 Heliport Loop Rd Bridgeport, WV 26301 Project Manager: Michael Nestor Project Engineer: Eric Short</p> | <p>Camden Slip Repair, Weston, WV Ground slipped below existing storage tanks located adjacent to a major gas line right of way. Ascent teamed with American Geotech to perform an investigation and design an H-Pile retaining wall for the stabilization of the tanks, access road, and hillside. The project also include access road upgrades, ditch rework, and various re-grading of the project site.</p> |
| <p>City of Clarksburg 222 West Main Street Clarksburg, WV 26301 Project Manager: Michael Nestor Project Engineer: Eric Short</p> | <p>Lowndes Hill Slip Repair, Clarksburg, Harrison County, WV A slip occurred on a heavily trafficked street within Clarksburg City limits, causing road failure and altered traffic patterns. An H-pile wall already existed at this site however the ground was failing at the base of the wall. Ascent teamed with American Geotech to drill the site. It was determined that the existing lagging had not extended far enough to cut off the slip plane. The design utilized sheet piling to drive beyond the existing lagging and cut off the slip plane.</p> |
| <p>Consolidated Coal Company Geologist/Project Manager: Jeff Knepper</p> | <p>Consolidated Coal Company, Loveridge Mine #22 – Regulator The project consisted of underground injection of treated mine water through three injection wells. The AMD was treated on the surface dropping out the solid particulate then injected at a rate of 84,000 gallons per day.</p> |
| <p>Various Clientele</p> | <p>Landslide Projects Ascent Consulting and Engineering professional staff has been involved in various landslide and drainage projects throughout West Virginia that included geotechnical evaluation, inspection, permitting, and engineering designs for a wide variety of uses. Each of these projects included survey, base mapping, geotechnical investigations, hydrology studies, access design, regrading/landslide stabilization, etc.</p> |



ASCENT CONSULTING AND ENGINEERING, LLC

REFERENCES

CONTACT

PROJECT

Mr. Beau Henderson
284 Factory Street
Clarksburg, WV 26301
304-623-2573 Ext. 108
beau@cccwv.us

The Vale, Trailhead Investments, LLC

Ascent Consulting and Engineering Master planned and designed a 22 lot residential subdivision on a secluded and wooded property within the City of Bridgeport. The development required significant extensions for roadway networks and utilities, providing for scenic views and varied lot sizes. The engineering team worked with challenging terrain to implement low impact development strategies on this unique development project. The key to keeping this project on budget was working with the existing terrain to develop a road and utility network that did not require significant earthwork. Ascent worked closely with Ownership at the beginning of and throughout the project to identify this and other cost saving strategies.

Tom Brown, City Engineer
(Now Clarksburg, WV City Engineer)
222 W. Main Street
Clarksburg, WV 26301
304-624-1633
tombwv@yahoo.com

White Oaks Boulevard, City of Bridgeport, WV

Mike served as Project Manager and Project Engineer for various stages of White Oaks Boulevard Extensions. Mike was responsible for the design and permitting of an approximately 400 LF extension of the existing 4 Lane Boulevard and adjacent pad development for the Dominion Energy Headquarters building in the White Oaks Business Park. Subsequently, Mike designed and managed the next phase of the extension, which connected the boulevard to State Route 131 (Saltwell Road). This phase included an approximately 2,000 LF road and utility extension, development of various commercial pads and coordination with the Division of Highways for the construction of a new traffic signal. The project also included upgrades to Route 131 such as turn lanes, acceleration/deceleration lanes, etc. The project schedule was challenging because it required the disturbance of over 2,000 LF of existing stream. The developer was adamant on the project start date and had limited budget for stream mitigation. Mike was responsible for locating nearby land that could be utilized for mitigation, negotiating with the property owner for use of the land, coordinating evaluation of the existing stream and design of future upgrades to the mitigated property, and permitting the work through the US Corps of Engineers, WV DNR, and WVDEP.

Mr. Dan Skaggs,
Senior Project Engineer
966 Crafts Run Road
Maidsville, WV 26541
304-296-9701 Ext 309
dsdaggs@mepcollc.net

Fort Martin Road, Mepco, LLC

Ascent Consulting and Engineering performed a Preliminary Engineering Study and eventual road upgrade projects for Mepco/Longview Power. The power plant was under order by the Public Service Commission to perform various upgrade work as required to necessitate a change in operational procedure. The power plant had a deadline to complete the study, identify potential mitigation strategies, and then to construct them in compliance with WVDOT regulations. Ascent mobilized quickly to evaluate existing conditions and identify multiple projects that could have a positive benefit to the power plant and community at large. Identified projects included the addition of a third lane of traffic, addition of turn lanes for access to the plant, and various roadway and drainage improvements to help with traffic flow and roadway preservation. Ascent assembled preliminary budgets and worked with power plant officials to come up with a two-phase approach to construction. This made it possible to immediately improve a portion of the project area without spending too much capital in the first year of implementation. The second phase required project coordination with the Division of Highways and included the addition of a left hand turn lane into the preparation plant and an acceleration lane along Fort Martin Road. Initial preference of the DOH was a full depth road reclamation project, however, that project would have taken many more months of studies and preparation and would have far exceeded the budget. Ascent was able to help find a compromise between the power plant and regulatory agency.

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

Attachment "A"

| | | | |
|---|---|--|---|
| PROJECT NAME Sardis (Saas) Landslide DEP2100000001 | | DATE (DAY, MONTH, YEAR) August 20, 2020 | FEIN 82-4069240 |
| 1. FIRM NAME Ascent Consulting and Engineering, LLC | | 2. HOME OFFICE BUSINESS ADDRESS 2361 Davisson Run Rd Suite 103 Clarksburg, WV 26301 | 3. FORMER FIRM NAME N/A |
| 4. HOME OFFICE TELEPHONE (304) 933-3463 | 5. ESTABLISHED (YEAR) 2018 | 6. TYPE OWNERSHIP Individual Corporation <input checked="" type="checkbox"/> Partnership Joint-Venture | 6a. WV REGISTERED DBE (Disadvantaged Business Enterprise) YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> |
| 7. PRIMARY AML DESIGN OFFICE: ADDRESS/ TELEPHONE/ PERSON IN CHARGE/ NO. AML DESIGN PERSONNEL EACH OFFICE 2361 Davisson Run Rd Suite 103 Clarksburg, WV 26301/ (304)933-3463/ Michael Nestor, PE / 9 | | | |
| 8. NAMES OF PRINCIPAL OFFICERS OR MEMBERS OF FIRM Michael R. Nestor, PE (Managing Member) Zachary L. Assaro (Member) | | 8a. NAME, TITLE, & TELEPHONE NUMBER - OTHER PRINCIPALS | |
| 9. PERSONNEL BY DISCIPLINE | | | |
| <u>1</u> ADMINISTRATIVE — ARCHITECTS — BIOLOGIST <u>1</u> CADD OPERATORS — CHEMICAL ENGINEERS <u>6</u> CIVIL ENGINEERS <u>13</u> CONSTRUCTION INSPECTORS — DESIGNERS — DRAFTSMEN | — ECOLOGISTS — ECONOMISTS — ELECTRICAL ENGINEERS <u>3</u> ENVIRONMENTALISTS — ESTIMATORS <u>1</u> GEOLOGISTS — HISTORIANS — HYDROLOGISTS | — LANDSCAPE ARCHITECTS <u>2</u> MECHANICAL ENGINEERS — MINING ENGINEERS — PHOTOGRAMMETRISTS — PLANNERS: URBAN/REGIONAL — SANITARY ENGINEERS — SOILS ENGINEERS — SPECIFICATION WRITERS | — STRUCTURAL ENGINEERS — SURVEYORS — TRAFFIC ENGINEERS — OTHER <u>25</u> TOTAL PERSONNEL |
| TOTAL NUMBER OF WV REGISTERED PROFESSIONAL ENGINEERS IN PRIMARY OFFICE: <u>1</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? N/A € YES € NO | | | |

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

| | | |
|---|-------------------------------|--|
| <p>NAME AND ADDRESS: American Geotech 601 Ohio Ave Charleston, WV</p> | <p>SPECIALTY: Geotech</p> | <p>WORKED WITH BEFORE <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> |
| <p>NAME AND ADDRESS: Brandon Rumbaugh Solutions 319 Paintersville Road Hunker, PA 15639</p> | <p>SPECIALTY: Survey</p> | <p>WORKED WITH BEFORE <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> |
| <p>NAME AND ADDRESS: 6 Guns, LLC 10990 Mason Dixon Highway Burton, WV 26562</p> | <p>SPECIALTY: Mapping</p> | <p>WORKED WITH BEFORE <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> |
| <p>NAME AND ADDRESS:</p> | <p>SPECIALTY:</p> | <p>WORKED WITH BEFORE <input type="checkbox"/> Yes <input type="checkbox"/> No</p> |
| <p>NAME AND ADDRESS:</p> | <p>SPECIALTY:</p> | <p>WORKED WITH BEFORE <input type="checkbox"/> Yes <input type="checkbox"/> No</p> |
| <p>NAME AND ADDRESS:</p> | <p>SPECIALTY:</p> | <p>WORKED WITH BEFORE <input type="checkbox"/> Yes <input type="checkbox"/> No</p> |
| <p>NAME AND ADDRESS:</p> | <p>SPECIALTY:</p> | <p>WORKED WITH BEFORE <input type="checkbox"/> Yes <input type="checkbox"/> No</p> |
| <p>NAME AND ADDRESS:</p> | <p>SPECIALTY:</p> | <p>WORKED WITH BEFORE <input type="checkbox"/> Yes <input type="checkbox"/> No</p> |
| <p>NAME AND ADDRESS:</p> | <p>SPECIALTY:</p> | <p>WORKED WITH BEFORE <input type="checkbox"/> Yes <input type="checkbox"/> No</p> |

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

YES Description and Number of Projects: Performed design for various projects dealing with mine seepage and ground instability. Coordinated drilling/monitoring activities, designed wet mine seals, drainage conveyances, E&S measures, and slip repairs, etc. Approximately 5 or 6 projects completed. Specifically, Mr. Nestor was heavily involved in the Anglins Run and Roaring Creek projects as well as several others.

NO

B. Is your firm experienced in Soil Analysis?

YES Description and Number of Projects: Ascent staff is experienced with identifying hydric soils applicable to wetlands and subsequent permitting needs. Ascent is also experienced with reading boring logs and coordinating with Geotechnical Engineers in order to apply information to practical designs. Ascent personnel has provided such services on dozens of projects. Ascent's Environmental Division Manager is a certified Geologist.

NO

C. Is your firm experienced in hydrology and hydraulics?

YES Description and Number of Projects: Ascent personnel performs pre and post watershed analyses on a variety of projects. We have completed drainage studies for municipalities, private development projects, and AML projects. We have also performed stream analyses for bridge replacement projects and development in flood prone areas. This type of work is performed in nearly every project Ascent works on and has been completed in hundreds of projects.

NO

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

YES Description and Number of Projects:

NO Ascent works with subconsultants to identify the most cost-effective way of producing design worthy mapping. We have purchased mapping that was already developed, produced mapping with drone flights, and utilized Brandon Rumbaugh Solutions in order to develop survey mapping from "boots on the ground" survey. Each project is analyzed and mapping production is selected based on the appropriate level of accuracy and cost efficiency.

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

YES Description and Number of Projects: Ascent is experienced with the design and layout of potable water systems for commercial and residential development projects. We have completed dozens of mainline extensions and/or replacement projects, however we do not have experience in aquifer degradation.

NO

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

YES Description and Number of Projects: Ascent Personnel has developed several projects dealing with evaluation of Acid Mine Drainage and design of conveyance/treatment systems. Approximately 5 or 6 projects completed. In addition, Jeff Knepper (Ascent) has extensive experience in Acid Mine drainage treatment both on the consulting side as well as the Regulatory side.

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: |
| Nestor, Michael, R. | 10 | 15 | 15 |

Brief Explanation of Responsibilities

Mr. Nestor has served in various roles for AML projects as well as numerous projects with related design activities. Mr. Nestor worked as a staff engineer, project engineer, project manager, and then led an entire site development division for a large regional design firm before starting Ascent Consulting and Engineering in January of 2018. He now serves as the Managing Member for the firm. He is very heavily involved in all aspects of the firm's work including design and review for projects. Mr. Nestor has and continues to work with drainage, stormwater, land development, public utility, transportation/access roads, landslides, etc.

EDUCATION (Degree, Year, Specialization)

Bachelor of Science in Engineering Technology, 2003

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS

American Society of Civil Engineers
 American Society of Highway Engineers (Past President of NCWV Region)

REGISTRATION (Type, Year, State)

Professional Engineer, 2009, WV
 Professional Engineer, 2020, PA
 Professional Engineer, 2020, VA
 Professional Engineer, 2020, MD

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: |
| Assaro, Zachary, L. | 4 | 7 | 7 |

Brief Explanation of Responsibilities

Mr. Assaro served as a staff engineer, project engineer, and then project manager within a large regional design firm prior to joining Ascent Consulting and Engineering as a co-owner/member. Mr. Assaro has performed design and management work for a variety of project types including but not limited to access roads, drainage and stormwater management, land development, public utilities, slip repairs, etc.

EDUCATION (Degree, Year, Specialization)

Bachelor of Science in Engineering Technology, 2012

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS

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.) Short, Eric, M. | YEARS OF EXPERIENCE | | |
| | YEARS OF AML DESIGN EXPERIENCE: 10 | YEARS OF AML RELATED DESIGN EXPERIENCE:16 | YEARS OF DOMESTIC WATERLINE DESIGN EXPERIENCE:16 |

Brief Explanation of Responsibilities
Mr. Short has been involved in nearly every facet of civil engineering design. He serves as the engineering manager for Ascent Consulting and Engineering. Mr. Short's experiences covers large land development projects, slip repair, access road design, E&S plans, drainage/stormwater management, etc.

EDUCATION (Degree, Year, Specialization)
 Bachelor of science in Engineering Technology, 2003

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS
 American Society of Civil Engineers
 American Society of Highway Engineers

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.) Knepper, Jeffrey | YEARS OF EXPERIENCE | | |
| | YEARS OF AML DESIGN EXPERIENCE: 10 | YEARS OF AML RELATED DESIGN EXPERIENCE:20 | YEARS OF DOMESTIC WATERLINE DESIGN EXPERIENCE:0 |

Brief Explanation of Responsibilities
Mr. Knepper serves as Ascent's Environmental Division Manager however maintains a wide variety of duties within the Company. Jeff is a certified professional Geologist, licensed remediation specialist, and carries certifications in above ground storage tanks. Jeff previously served as the statewide Environmental Resources Program Manager for WVDEP, handling all permitting and compliance approvals for mining facilities in the state of WV. His background covers investigation work, regulatory/compliance, and Hydrogeology.

EDUCATION (Degree, Year, Specialization)
 Bachelor of Science in Geology, 1998 (West Virginia University)

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS
 American Institute of Professional Geologists
 West Virginia Manufacturers Association
 IOGA of WV
 PIOGA (PA)

REGISTRATION (Type, Year, State)
 Professional Geologist, VA
 Licensed Remediation Specialist, WV
 Certified Aboveground Storage Tank Inspector, STI-SP001
 Certified Aboveground Storage Tank Inspector, PA

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

Auto CAD Civil 3D (2020), Microsoft Suite, Vehicle Tracking, Hydraflow Add on from Auto Desk, HEC-RAS, Google Earth, GPS Pathfinder Office, Terrain Navigator Pro, Adobe Acrobat DC, Sage (Financial Software)

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 |
|--|---|--|-----------------------------|--|
| Cacapon Resort State Park I&I Study | WVDNR 324 4 th Avenue South Charleston, WV 25303 | Preliminary Engineering Study to determine needed system upgrades | Not yet determined | 15% Design |
| Bump Bridge Replacement and Roadway Improvements | Southwester Energy 1300 Fort Pierpont Dr Morgantown, WV 26508 | Hydrologic Analysis, road improvement and bridge design, construction management and inspection | \$500,000 | 25% Design |
| Lost Creek Natural Gas replacement, 2.5 mile replacement, Harrison County WV | Dominion Energy Transmission Southern Regional Headquarters, Weston, WV | Transmission Line design, environmental clearances&permitting, construction administration, survey, inspection | \$5,000,000 | Design Complete/ Construction Starts Spring 2021 |
| Bone Bridge Replacement | Southwester Energy 1300 Fort Pierpont Dr Morgantown, WV 26508 | Hydrologic Analysis, road improvement and bridge design, construction management and inspection | \$1,000,000 | Design Complete/ Construction 50% |
| Yocum Slip Repair | Southwester Energy 1300 Fort Pierpont Dr Morgantown, WV 26508 | Evaluate Existing slip in roadway, perform geotechnical investigation, and design slip repair plan | \$1,000,000 | 25% Design |
| Lewis County Broadband | Lewis County Commission | 110 Center Avenue Weston, WV 26452 | \$500,000 | 2% |
| Gnats Run Road Slip | Antero Resources White Oaks Blvd. Bridgeport, WV | Geotechnical Evaluation, slip repair design | \$250,000 | 95% Design |

TOTAL NUMBER OF PROJECTS: 7

TOTAL ESTIMATED CONSTRUCTION COSTS: \$8,250,000

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 |
| Concrete Testing And Inspections | Testing and Inspections | Antero Resources, Bear Contracting, City of Buckhannon, Wolfe's Excavating | Ongoing | Varies | Varies |
| Paving Projects Numerous | Testing and Inspections | Wolfe Excavating Bear Contracting Mountaineer Contractors Stantec | Ongoing | Varies | Varies |
| Bartlett House | Site Plan for new structure | Bartlett House 1110 University Ave Morgantown, WV 26505 | September 2020 | Unknown | \$50,000 |
| ND Paper - various projects | Structure engineering and mechanical component drawings | ND Paper 702 AFR Drive Fairmont, WV 26554 | Ongoing | \$40,000,000 | Varies |
| Ridgedale Retaining Wall | Retaining Wall Design and detailing | Monongalia County Schools | Just completed | Unknown | \$50,000 |

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) |
|---|--|-----------------------------|---------------|-------------------------|
| Fort Martin Road Maintenance Monongalia County, WV & turning lane/entry improvements | Longview Power 1375 Fort Martin Rd Maidsville, WV 26541 | \$125,00 & \$600,000 | 2018/ 2019 | YES YES |
| Lowndes Hill Slip Repair Harrison County, WV | City of Clarksburg 222 West Main Street Clarksburg, WV 26301 | \$200,000 | 2018 | YES |
| The Vale, Residential Housing, Bridgeport, WV | Trailhead Investments, LLC. 721 Brightridge Drive Bridgeport, WV 26330 | \$1,900,000 | 2018- 2019 | YES |
| Jenkins Subaru, Commercial Site Development, Bridgeport, WV | Jenkins Subaru 750 Lodgeville Rd. Bridgeport, WV 26330 | \$160,000 | 2019 | YES |
| Camden Slip Repair & Drainage Improvements | Mountain V Oil and Gas Bridgeport, WV | \$500,000 | 2020 | YES |
| TL 255 Natural Gas replacement, 5 mile replacement, Wood County WV | Dominion Energy Transmission Southern Regional Headquarters, Weston, WV | \$9,900,000 | 2020 | YES |
| Sole/Morris Compressor Station, 12 acre compressor pad for natural gas operations, Tyler County, WV | Antero Resources White Oaks Blvd. Bridgeport, WV | \$1,000,000 | 2019 | YES |
| ND Paper Slip, repair of slip along Monongahela River, Marion County | ND Paper 702 AFR Drive Fairmont, WV 26554 | \$500,000 | 2020 | 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 |
|---------------------------------|--|--|------|-------------------------|-----------------------|
| Clay Battelle Health Center | Unknown Ascent was a subconsultant to the Architect | \$150,000 | 2020 | YES | Desmone Architecture |
| WVU Hospitals Rehab Center | WVU Hospitals | \$500,000 | 2019 | NO | Paradigm Architecture |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

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. Ascent has assembled a team of senior level design professionals that have a wide variety of experience in the industry. Our size allows us to communicate effectively internally as well as with our clientele, often producing innovative ideas helping to avoid pitfalls that larger firms fall into with inexperienced designers and ineffective communication. Our design personnel specialize in earthwork and drainage which is very well suited for this project and we have close relationships with valued subs that make Geotechnical and Survey project components seamless with the rest of our operations.

20. The foregoing is a statement of facts.

Signature: _____

Title: _____

Date: _____

Printed Name: _____

AML and RELATED PROJECT EXPERIENCE MATRIX

| PROJECT | Exp. Basis C=Corp. P=Personnel | Additional Info Provided in Section (s) | PROJECT EXPERIENCE REQUIREMENTS | | | | | | | | | | | | | | PRIMARY STAFF PARTICIPATION/CAPACITY *** M=Management P=Professional | | | | | |
|--------------------------|--------------------------------------|---|------------------------------------|---------------------------------|----------------------|-----------------------------------|---------------------|----------------------------|-------------------------------------|--------------------------|------------------------|---|-------------------------|-----------------|-----------------------------|--------------------|---|----------------|------------|--------------|----------------|-------------------|
| | | | Abandoned Surface Mine Reclamation | Abandoned Deep Mine Reclamation | Portal/Shaft Closure | Hydrologic/Hydraulic Design/Eval. | Remining Evaluation | Mine/Refuse Fire Abatement | Subsidence Investigation Mitigation | Hazardous Waste Disposal | Project Specifications | Water Quality Evaluation/Mitigation/Replacement | Construction/Management | Water Treatment | Equipment/Structure Removal | Stream Restoration | Geotechnical/Stability | Michael Nestor | Eric Short | Jeff Knepper | Zachary Assaro | Dayon Shrewsberry |
| Anglins Run - AML | P | | x | x | x | x | | | | | | x | | | | x | P | P | | | | |
| Roaring Creek - AML | P | | x | x | x | x | | | x | | | x | | | x | x | P | P | | | | |
| Lowndes Hill Slip Repair | C/P | | x | | | | | | x | | | x | | | | x | M/P | P | | P | | |
| ND Paper Slip Repair | C/P | | | | | | | | | | | | | | | x | M | P | P | | P | P |
| Sole/Morris Compressor | C/P | | | | | | | | | | | | | | | x | | M/P | | P | P | P |
| Gnats Run Slip Repair | C/P | | | | | | | | | | | | | | | x | | P | | M | P | P |
| Fort Martin Road | C/P | | | | | | | | | | | | | | | x | M | P | | P | P | P |
| Tyler County 4H Bridge | C/P | | | | | | | | | | | | | | | x | M/P | P | P | | P | P |
| Leon Street Slip Repair | C/P | | x | x | | | | | x | | | | | | | x | M | P | P | | P | P |
| Vesuvius Clay Mine | C/P | | x | x | | | | x | | | | | | | | | | | | P | M | |
| White Oaks Phase II | P | | | | | | | | | | | | | | | x | M/P | | | M/P | P | |
| Camden Slip Repair | C/P | | | | | | | | | | | | | | | x | M/P | P | P | | | P |
| Dominion Pipelines | C/P | | | | | | | | | | | | | | | x | M | P | P | P | 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.

MICHAEL NESTOR, PE



REGISTRATIONS

Professional Engineer
West Virginia PE #18467

ASSOCIATIONS

- American Society of Civil Engineers.
- American Society of Highway Engineers (Past President of NCWV Region).

EDUCATION

Fairmont State College, Fairmont, WV
Bachelor of Science in
Engineering Technology

YEARS EXPERIENCE

- 16 years
- 2 ½ years at ACE

Email:
mike@ascentconsultingengineers.com

SUMMARY

Mr. Nestor is a Civil Engineer registered professionally in WV and serves as the Managing Member of Ascent Consulting and Engineering, LLC. He has over 16 years of consulting experience focusing on land development projects and stormwater management in WV, MD, and PA. His expertise allows him to guide projects from concept to completion by understanding the goals/vision of the project, effectively communicating with the project team, and paying careful attention to the details. Mr. Nestor will be responsible for leading and client communication on this project.

EXPERIENCE

ASCENT CONSULTING AND ENGINEERING, (CLARKSBURG, WV)

Mr. Nestor is the founding/managing member of Ascent. He is responsible for the day to day operations of the firm and Quality Assurance/Control. In addition, Mike serves as the Engineering Division Manager, working with Engineers, CAD Techs, etc. to ensure projects include practical and efficient designs, and are delivered in a timely manner.

THE THRASHER GROUP, (BRIDGEPORT, WV)

Throughout Mr. Nestor's employment with The Thrasher Group, he served in a variety of roles ranging from Staff Engineer up to Site Group Division Manager. This allowed him to work on teams for a wide variety of projects and in a range of capacities.

BUSINESS AND INDUSTRIAL PARKS

Designed and permitted the sites for multiple commercial and industrial properties ranging from major development projects such as the White Oaks Business Park and West Ridge Development to individual development sites for commercial and retail uses.

ROADS/SIDEWALKS

Designed and managed various roadway projects ranging from new road builds to maintenance and improvement projects.

STORMWATER MANAGEMENT

Designed numerous stormwater management facilities and developed stormwater management programs for compliance to the State of WV's MS4 Program in several communities.

ERIC SHORT, PROJECT MANAGER



EDUCATION

B.S., Civil Engineering Technology,
2003 – Fairmont State University

A.S., Architectural Engineering
Technology, 2003 – Fairmont State
University

CERTIFICATIONS

American Society of Civil
Engineers
American Society of Highway
Engineers

YEARS EXPERIENCE

- 16 years
- 2 ½ years at ACE

Email:
eric@ascentconsultingengineers.com

SUMMARY

Eric Short is a Senior Civil Project Manager/Engineer. In his 16 years of consulting, he has worked on a variety of projects which include all types of development, transportation designs, stormwater management designs, site grading, and oil/natural gas facilities. His tasks involve the design and development of Demolition, Erosion and Sediment Control, Site, Grading, and Utility Plans along with creating details for site specific elements. Mr. Short is also an experienced highway designer with a background in the preparation of roadway construction, right-of-way, sign, and pavement marking plans. Other responsibilities include traffic studies, storm water and sanitary sewer design, and cost estimation.

Eric Short's expertise lies in taking detailed designs and translating them into easy to understand and executable documents. His ability to communicate effectively with contractors and stakeholders while using a commonsense design and approach to construction makes him a very effective Engineer and Manager.

EXPERIENCE

City of Ripley: Main Street Revitalization: This project was one of kind for us in that we took all of the existing overhead utility lines along Main Street and putting them underground in conduit. The project involved direct coordination with the utility companies to ensure they had the necessary number, size, and location of conduit. Beyond the utilities, the Main Street was designed with new sidewalks that incorporated brick pavers, hand railing, decorative street lights, and handicap ramps.

•**City of Grafton, Main Street Revitalization:** The project consisted of designing sidewalks that incorporated decorative street lights, benches, handicap ramps, and landscape islands.

•**Raleigh County Memorial Airport & Industrial Park:** Design of a 1,100 linear footroad extension, Drainage and Erosion and Sediment Control Plan.

•**Cambridge Place Business Park:** Complete Site Design Package, multiple tenant building and parking layout, utility extensions, and storm water system in accordance with the City of Bridgeport regulations.

•**Genesis Youth Crisis Center:** Complete Site Design Package, including approximately 35,000 cubic yards of earthwork, building and parking layout, utility extensions, and storm water management facilities.

JEFFREY KNEPPER, CPG, LRS



REGISTRATIONS

- Certified Professional Geologist – Virginia
- Licensed Remediation Specialist – West Virginia
- Storage Tank Inspector – STI-SP001
- Certified Aboveground Storage Tank Inspector – Pennsylvania

EDUCATION

West Virginia University,
Morgantown, WV – Bachelor
of Science in Geology – 1998

ASSOCIATIONS

- American Institute of Professional Geologist
- West Virginia Manufacturers Association
- IOGA of West Virginia
- PIOGA – PA

YEARS EXPERIENCE

- 22+ years
- 1 ½ years at ACE

Email:

jeffk@ascentconsultingengineers.com

SUMMARY

Mr. Knepper has 22 years of experience working on complex environmental projects specializing in environmental/regulatory compliance, remediation, permitting, and hydrogeological investigations. Mr. Knepper is adept at developing practical and innovative solutions to challenging environmental issues often faced by industries throughout West Virginia. His track record in regulatory compliance, permitting, soil and groundwater remediation, and environmental impacts make him a key team member on projects. Mr. Knepper is a certified professional geologist and a WV licensed remediation specialist.

EXPERIENCE

ENVIRONMENTAL INVESTIGATIONS

CPFilms, Industrial Facility, Fieldale, VA – Mr. Knepper performed nature and extent and site characterization studies for volatile organic compounds. He developed corrective action plans, installed groundwater monitoring wells, and performed statistical analyses on results.

Federal Mogul, Industrial Facility, Winchester, VA – Mr. Knepper performed groundwater sampling and statistical analyses on results to determine the cause of upgradient groundwater contamination. Mr. Knepper received a commendation from the Virginia Department of Environmental Quality for exemplary sampling methods and techniques.

U.S. Silica, Berkeley Springs, WV – Mr. Knepper led the field operations team at an emergency spill cleanup for chemicals which included: sulfuric acid, caustic soda and petroleum sulfonate from aboveground storage tanks. Mr. Knepper's full knowledge of the WVDEP regulations for tanks and site cleanup proved invaluable in minimizing potential contamination and receiving high praise from the WVDEP.

Realisations 789, Globe Mine, Newell, WV – Mr. Knepper Led a team to treat highly concentrated acid mine drainage (AMD) from two old clay mines. The AMD was regulated through a WV NPDES permit. The facility was in violation for 10 plus years. Mr. Knepper modified the facility to treat the AMD through passive and active treatment while also controlling the mine pool and gaining compliance with the NPDES permit.

ENVIRONMENTAL REGULATORY AND COMPLIANCE

Dominion Energy Transmission, Bridgeport, WV – Mr. Knepper developed a permitting guide to monitor permit conditions, permit expirations and regulatory deadlines. This guide encompassed all of Dominion's permits. It helped to mainstream and organize permits regardless of personnel responsibilities and turnover.

American Electric Power, Mountaineer Plant, New Haven, WV - Mr. Knepper developed the first Carbon Capture and Sequestration (CCS) permit in WV and the United States. The permit was issued prior to the Environmental Protection Agency releasing the regulations for the newly established class VI rules which now govern CCS.

UNDERGROUND INJECTION CONTROL

Mr. Knepper has over 10 years of experience working with underground injection control projects. He was the state-wide Environmental Resources Program Manager for WV handling all permitting and compliance approvals for mining facilities working closely with various mining companies including: Wolf Run Mining, Greenbrier Minerals, Independence Coal, Brooks Run Mining, Mid-Vol Coal Sales, Pinnacle Mining, ICG-Beckley, LLC and many more. Mr. Knepper has also provided this knowledge to the consulting realm as an alternative to existing permits or lack of efficiency in current treatment options.

HYDROGEOLOGY

Island Creek Coal Company – Regulator – This project involved AMD treatment using 6 Class 5 type X13 injection well in the North Branch Mine. The geology, hydrogeology and water quality were reviewed and analyzed to ensure protection of human health and the environment. Mr. Knepper prepared the permit for the WVDEP and provided consultation and corrections to the permittee.

Scott County, Gate City, VA – Mr. Knepper performed site characterization studies on volatile organic compounds contaminating multiple sites. Mr. Knepper prepared corrective action plans and nature and extent studies. He also performed groundwater statistics that were used by the VDEQ as a model for how to perform the various investigations and studies.

Consolidated Coal Company – Loveridge Mine #22 – Regulator – The project consisted of underground injection of treated mine water through three injection wells. The AMD was treated on the surface dropping out the solid particulate then injected at a rate of 84,000 gallons per day.

ANDREW KINCELL, FIELD SERVICE MANAGER



CERTIFICATIONS

- Technologist Construction Specialization
- West Virginia Contractors License #WV035216
- WVDOH Certified Asphalt Technician
- WVDOH Certified Aggregate Technician
- WVDOH Certified Concrete Technician
- WVDOH Compaction Technician
- WVDOH Certified Asphalt Inspector
- WVDOH Certified Concrete Inspector
- ACI Concrete Lab Testing Technician Level 1
- ACI Aggregate Testing Level 1
- ACI Concrete Field Testing Grade 1
- ACI Concrete Strength Testing Technician

EDUCATION

A.S. Civil Technology, Fairmont State University

Level V Certification Transportation Engineering,
Fairmont State University

YEARS EXPERIENCE

- 20+ years
- 1 ½ years at ACE

Email:
andy@ascentconsultingengineers.com

SUMMARY

Mr. Kincell manages the Ascent Field Services division. He is responsible for QA/QC and scheduling projects. Andy also oversees our materials testing laboratory. He has over 20 years of experience overseeing a full range of construction projects including buildings, large earthwork projects, utilities, road construction, bridges, etc.

EXPERIENCE

ASCENT CONSULTING & ENGINEERING, (CLARKSBURG, WV) Field Services/Business Development

Division Manager of the field service department and materials testing lab. Monitor testing of multiple projects, review reports, manage field services, and scheduling. Liaison between clients, contractors and sub consultants. Prepares budget, manages billing and compliance.

THE THRASHER ENGINEERING GROUP, (BRIDGEPORT, WV) Construction Services/Business Development 14yrs

Management of three separate laboratories; one in Clarksburg, WV, one in Beckley, WV and the third in Canton, OH. Testing and maintenance on multiple projects at a time. Monitor testing of various construction materials in the lab, such as concrete, aggregate, and soil. Oversaw 75+ field technicians, lab managers and other construction managers. Prepare budgets and tracked projects to make sure they were within compliance. Compilation of results of tests into the proper reports for the contractor and West Virginia Department of Transportation. Maintenance and calibration of all testing equipment. Liaison between contractors, clients, and government agencies. Hiring and training of new employees. Managed the materials testing and inspections of the \$240M Biometric Building and Parking Garage project for the FBI.

WEST VIRGINIA UNIVERSITY

Research Assistant

Research Assistant for Dr. Zaniewski, West Virginia University (head of asphalt department), and the West Virginia Department of Transportation. Assisted with a variety of research projects. Responsible for the supervision and training of graduate students on the use of research equipment and assisted them with research projects. Maintenance of testing equipment, which included running calibrations on the equipment, documenting any variances, reading schematics to diagnose and repair malfunctioning equipment, and correcting any problems found during the maintenance process. Ensured the adequate amount of testing equipment and supplies were available and ordered any additional materials required. Attended conferences to learn about new products and testing procedures.



AASHTO
ACCREDITED

CERTIFICATE OF ACCREDITATION

AMERICAN ASSOCIATION
OF STATE HIGHWAY AND
TRANSPORTATION OFFICIALS

AASHTO

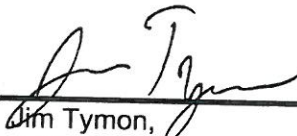
Ascent Consulting and Engineering LLC

in

Clarksburg, West Virginia, USA

has demonstrated proficiency for the testing of construction materials and has conformed to the requirements established in AASHTO R 18 and the AASHTO Accreditation policies established by the AASHTO Committee on Materials and Pavements.

The scope of accreditation can be viewed on the Directory of AASHTO Accredited Laboratories (aashtoresource.org).


Jim Tymon,
AASHTO Executive Director


Moe Jamshidi,
AASHTO COMP Chair

This certificate was generated on 01/20/2020 at 7:36 AM Eastern Time. Please confirm the current accreditation status of this laboratory at aashtoresource.org/aap/accreditation-directory



SCOPE OF AASHTO ACCREDITATION FOR:

Ascent Consulting and Engineering LLC

in Clarksburg, West Virginia, USA

Quality Management System

Standard:

Accredited Since:

| | | |
|-------------------|--|------------|
| R18 | Establishing and Implementing a Quality System for Construction Materials Testing Laboratories | 01/17/2020 |
| C1077 (Aggregate) | Laboratories Testing Concrete and Concrete Aggregates | 01/17/2020 |
| C1077 (Concrete) | Laboratories Testing Concrete and Concrete Aggregates | 01/17/2020 |



SCOPE OF AASHTO ACCREDITATION FOR:
Ascent Consulting and Engineering LLC
in Clarksburg, West Virginia, USA

Aggregate

| Standard: | Accredited Since: |
|--|--------------------------|
| C40 Organic Impurities in Fine Aggregates for Concrete | 01/17/2020 |
| C117 Materials Finer Than 75- μ m (No. 200) Sieve in Mineral Aggregates by Washing | 01/17/2020 |
| C127 Specific Gravity and Absorption of Coarse Aggregate | 01/17/2020 |
| C128 Specific Gravity (Relative Density) and Absorption of Fine Aggregate | 01/17/2020 |
| C136 Sieve Analysis of Fine and Coarse Aggregates | 01/17/2020 |
| C566 Total Moisture Content of Aggregate by Drying | 01/17/2020 |
| C702 Reducing Samples of Aggregate to Testing Size | 01/17/2020 |



SCOPE OF AASHTO ACCREDITATION FOR:

Ascent Consulting and Engineering LLC
in Clarksburg, West Virginia, USA

Concrete

| Standard: | | Accredited Since: |
|----------------------------|---|--------------------------|
| C31 (Cylinders) | Making and Curing Concrete Test Specimens in the Field | 01/17/2020 |
| C39 | Compressive Strength of Cylindrical Concrete Specimens | 01/17/2020 |
| C138 | Density (Unit Weight), Yield, and Air Content of Concrete | 01/17/2020 |
| C143 | Slump of Hydraulic Cement Concrete | 01/17/2020 |
| C172 | Sampling Freshly Mixed Concrete | 01/17/2020 |
| C192 | Making and Curing Concrete Test Specimens in the Laboratory | 01/17/2020 |
| C231 | Air Content of Freshly Mixed Concrete by the Pressure Method | 01/17/2020 |
| C511 | Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes | 01/17/2020 |
| C1064 | Temperature of Freshly Mixed Portland Cement Concrete | 01/17/2020 |
| C1231 (7000 psi and below) | Use of Unbonded Caps in Determination of Compressive Strength of Hardened Concrete Cylinders | 01/17/2020 |

CONTRACTOR LICENSE

Authorized by the
West Virginia Contractor Licensing Board

Number:

WV058563

Classification:

GENERAL BUILDING

ASCENT CONSULTING AND ENGINEERING L
DBA ASCENT CONSULTING AND ENGINEERING L
2361 DAVISSON RUN RD STE 103
CLARKSBURG, WV 26301


Date Issued

Expiration Date

MAY 08, 2020

MAY 08, 2021


Authorized Company Signature


Chair, West Virginia Contractor
Licensing Board

This license, or a copy thereof, must be posted in a conspicuous place at every construction site where work is being performed. This license number must appear in all advertisements, on all bid submissions and on all fully executed and binding contracts. This license cannot be assigned or transferred by licensee. Issued under provisions of West Virginia Code, Chapter 21, Article 11.



WEST VIRGINIA
CONTRACTOR
LICENSING
BOARD

State Registration Board for
Professional Engineers, Land
Surveyors and Geologists

2601 North Third Street
Harrisburg PA 17110



State Registration Board for Professional
Engineers, Land Surveyors and Geologists

P O BOX 2649
Harrisburg PA 17105-2649

BUREAU OF PROFESSIONAL AND
OCCUPATIONAL AFFAIRS



VERIFICATION OF EXAMINATION / REGISTRATION

It is the responsibility of the applicant to request the necessary verification(s) from every State Board and/or Licensing Jurisdiction you have ever passed a certification and/or licensure examination in or have ever been granted certification or licensure (regardless of the current status).

After completion, this form must be mailed to the PA Board directly from the Verifying State or Jurisdiction. (You may duplicate this form as much as necessary.)

This form WILL NOT be accepted electronically OR from the applicant.

APPLICANT INFORMATION

NAME: Last **KNEPPER** First **JEFFREY** Middle **SCOTT**

OTHER NAME: _____

DATE OF BIRTH : _____ LAST 4 DIGITS OF SSN: _____

ADDRESS: _____

CITY / STATE / ZIP: _____

TO BE COMPLETED BY STATE BOARD AND/OR LICENSING JURISDICTION

I The above named person was certified or registered as:

Certificate # Date Issued License # Date Issued

Geologist in Training _____ Professional Geologist _____

THIS PORTION TO BE COMPLETED BY STATE BOARD

II Expiration Date of License: _____ Disciplinary Actions: Yes No

If "yes", please provide certificate copies of action

III Minimum Requirements Were: Name of Exam # Hours Date Score

1. Written Examination _____

2. Education: Type of Degree and Major: _____

Date of Degree: _____

3. Experience: No. of Years _____ Hours

4. Oral Examination _____

5. Comity with: (1) _____ (2) _____

6. Other: Please provide full details on reverse side.

Signature and Title: _____

Board: _____ Date: _____

COMMONWEALTH of VIRGINIA

Department of Professional and Occupational Regulation
9960 Mayland Drive, Suite 400, Richmond, VA 23233
Telephone: (804) 367-8500

EXPIRES ON

08-31-2021

NUMBER

BOARD FOR PROFESSIONAL SOIL SCIENTISTS, WETLAND PROFESSIONALS & GEOLOGISTS
CERTIFIED PROFESSIONAL GEOLOGIST



JEFFREY SCOTT KNEPPER



Mary Broz-Vaughan
Mary Broz-Vaughan, Acting Director

Status can be verified at <http://www.dpor.virginia.gov>

(SEE REVERSE SIDE FOR PRIVILEGES AND INSTRUCTIONS)

DPOR-LIC (02/2017)

Renewal



West Virginia
Department of
Environmental Protection

KNEPPER, JEFFREY S
Licensed Remediation Specialist

Registration Number [REDACTED]



Director, Division of Land Restoration

09/18/2019 - 09/30/2021

Date Issued - Date Expires



STATE BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS

To all to whom these presents shall come Greeting
Know Ye That The State Board of Registration for Professional Engineers
of the State of West Virginia, reposing special confidence in
the Intelligence, Integrity and Discretion of

Michael R. Nestor

DOES IN PURSUANCE OF AUTHORITY VESTED IN IT

by law hereby certify that he having submitted
satisfactory evidence of his ability and experience is a

REGISTERED PROFESSIONAL ENGINEER

Registration Number [REDACTED]

to Hold and use such title in the practice of his profession,
subject to the conditions prescribed by law.



Given under the hand of the
Seal of the Board at the Capitol in the
City of Charleston,
This 17th day of December
in the year of our Lord 2009
and of the State
the One Hundred Forty-Seventh

Members of the Board

James D. Thomas, Jr. *Rochester D. Reynolds*
Blake S. White *William E. ...*

ADDENDUM ACKNOWLEDGEMENT FORM
SOLICITATION NO.: _____

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

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

Addendum Numbers Received:

(Check the box next to each addendum received)

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

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

Ascent Consulting + Engineering
Company

M.A. MA
Authorized Signature

9-2-2020
Date

NOTE: This addendum acknowledgment should be submitted with the bid to expedite document processing.
Revised 6/8/2012

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.

MR. Nestor, Managing Member
(Name, Title)
Michael R. Nestor, Managing Member
(Printed Name and Title)
2361 Davisson Run Rd 103 Clarksburg, WV 26301
(Address)
304-933-3463
(Phone Number) / (Fax Number)
mike@ascentconsultingengineers.com
(email address)

CERTIFICATION AND SIGNATURE: By signing below, or submitting documentation through wvOASIS, I certify that I have reviewed this Solicitation in its entirety; that I understand the requirements, terms and conditions, and other information contained herein; that this bid, offer or proposal constitutes an offer to the State that cannot be unilaterally withdrawn; that the product or service proposed meets the mandatory requirements contained in the Solicitation for that product or service, unless otherwise stated herein; that the Vendor accepts the terms and conditions contained in the Solicitation, unless otherwise stated herein; that I am submitting this bid, offer or proposal for review and consideration; that I am authorized by the vendor to execute and submit this bid, offer, or proposal, or any documents related thereto on vendor's behalf; that I am authorized to bind the vendor in a contractual relationship; and that to the best of my knowledge, the vendor has properly registered with any State agency that may require registration.

Ascent Consulting and Engineering
(Company)
MR. Nestor, Managing Member
(Authorized Signature) (Representative Name, Title)
Michael R. Nestor
(Printed Name and Title of Authorized Representative)
9-2-2020
(Date)
304-933-3463
(Phone Number) (Fax Number)

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.

M.R.N., Managing member
 (Name, Title)
Michael R. Nestor, Managing member
 (Printed Name and Title)
2361 Davisson Run Rd 103 Clarksburg, WV 26301
 (Address)
304-933-3463
 (Phone Number) / (Fax Number)
mike@ascentconsultingengineers.com
 (email address)

CERTIFICATION AND SIGNATURE: By signing below, or submitting documentation through wvOASIS, I certify that I have reviewed this Solicitation in its entirety; that I understand the requirements, terms and conditions, and other information contained herein; that this bid, offer or proposal constitutes an offer to the State that cannot be unilaterally withdrawn; that the product or service proposed meets the mandatory requirements contained in the Solicitation for that product or service, unless otherwise stated herein; that the Vendor accepts the terms and conditions contained in the Solicitation, unless otherwise stated herein; that I am submitting this bid, offer or proposal for review and consideration; that I am authorized by the vendor to execute and submit this bid, offer, or proposal, or any documents related thereto on vendor's behalf; that I am authorized to bind the vendor in a contractual relationship; and that to the best of my knowledge, the vendor has properly registered with any State agency that may require registration.

Ascent Consulting and Engineering
 (Company)

M.R.N., Managing member
 (Authorized Signature) (Representative Name, Title)

Michael R. Nestor
 (Printed Name and Title of Authorized Representative)

9-2-2020
 (Date)

304-933-3463
 (Phone Number) (Fax Number)