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WV PURCHASING
DIVISION

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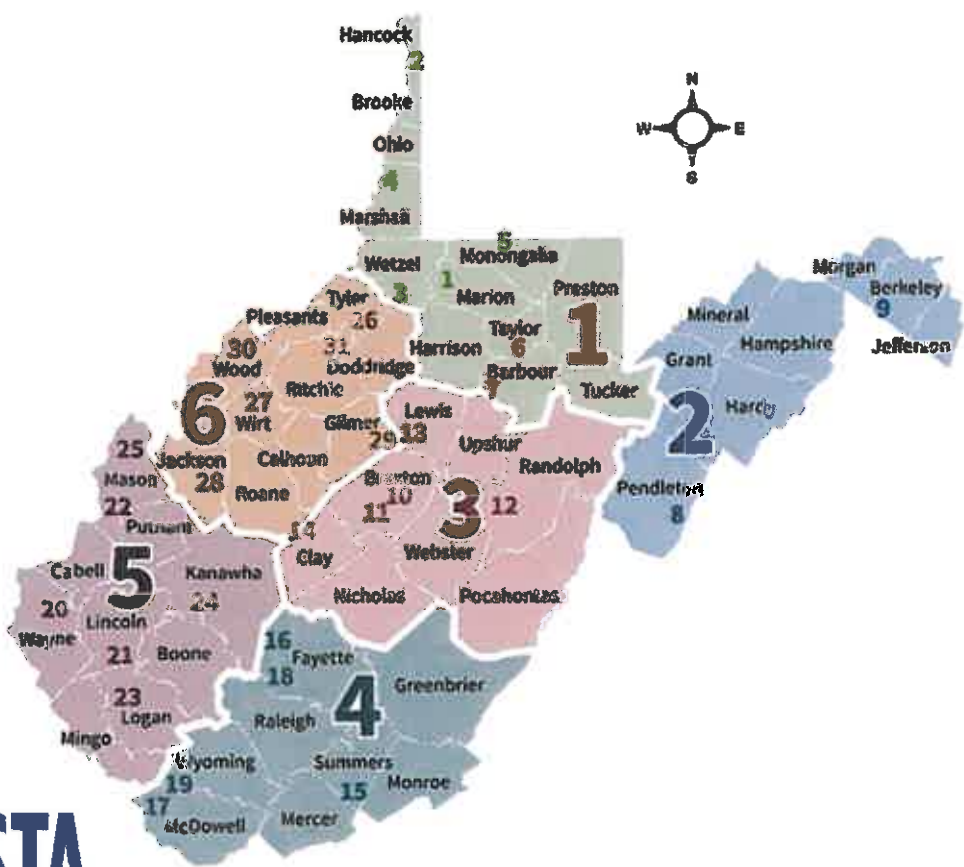


EXPRESSION OF INTEREST

WEST VIRGINIA DIVISION OF NATURAL RESOURCES

Evaluate and Design Improvements to Public Shooting Ranges and Provide Lead Management Plan
West Virginia

RFP No. CE01 0310 DNR2000000005



CHARLESTON

7012 MacCorkle Avenue, SE
Charleston, WV 25304
(304) 342-1400

MORGANTOWN

125 Lakeview Drive
Morgantown, WV 26508
(304) 225-2245

WINCHESTER

15 South Braddock Street
Winchester, VA 22601
(540) 450-0180

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EXPRESSION OF INTEREST

EXECUTIVE SUMMARY



Potesta & Associates, Inc. (POTESTA) is pleased with the opportunity to provide engineering and other related professional services to the West Virginia Division of Natural Resources (WVDNR) to evaluate and design improvements to the WVDNR's 29 Public Shooting Ranges throughout the state in six districts and provide a specific lead management plan for each site.

POTESTA understands the WVDNR maintains the public shooting ranges at numerous wildlife management areas, state forests, and other public accessible locations across West Virginia. The ranges are popular with hunters, as well as recreational shooters. Some of the ranges have experienced damage, due to various reasons:



- High-powered firearms and ammunition used for which the ranges are not designed
- Bringing in inappropriate items to use as targets
- Littering
- Vandalism

POTESTA understands the shooting ranges are designed for safe firearms practice by shooters of all abilities. It is important for the ranges to remain safe and usable; however design modifications can deter unsafe use, protect the diverse habitats, and provide shooters with the ability to sight-in and practice with their firearms. Some of the range design options could include, but not limited to:

- Extending the range
- Backstop and bench improvements
- New barrier posts
- Parking lot upgrades

Proper practice and procedures should be employed at all facilities to manage and minimize lead-related risks. The United States Environmental Protection Agency has developed a manual for the Best Management Practice (BMP) for Lead at Outdoor Shooting Ranges. POTESTA can develop a site specific lead management plan for the ranges to minimize the potential impacts from lead to the public and the environment. The plan will address issues concerning proper handling, management, and disposal of lead at the shooting range. This plan will allow the range to:



- Decrease contamination of the range
- Minimize potential impacts to human health and environment
- Reduce liability
- Benefit economically from the recycling of lead

POTESTA understands the shooting ranges are a top priority for the WVDNR and the importance of the shooting ranges for recreational opportunities in our state. POTESTA has professional engineers experienced with development of cost estimates, plans, designs, site drawings, specifications, monitoring, and related information necessary for design modifications at the shooting ranges. POTESTA's environmental professionals and scientists are exceptionally well-positioned to develop lead management plans to minimize impacts on humans and the environment from lead exposure, as well as maintain regulatory compliance. POTESTA has the ability to complete every facet of the project from beginning to end, from the preliminary (i.e. planning) study through final design and construction observation/management.

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CORPORATE PROFILE



HISTORY

POTESTA was founded in 1997 as a full service engineering and environmental consulting firm headquartered in Charleston, West Virginia. We have now expanded to a diverse staff of approximately 79 experienced engineers, scientists, and support personnel with branch offices in Morgantown, West Virginia, and Winchester, Virginia. Our clients include local, state and federal agencies; mining, manufacturing and chemical companies; utility companies; waste management companies; K-12 schools/colleges/universities; land developers; attorneys; financial institutions; insurance companies; construction companies; and architects.



SERVICES

- Air Permitting
- Biological and Toxicological
- CADD/GIS
- Civil Engineering and Design
- Construction Monitoring
- Environmental Site Assessment
- Geotechnical Engineering
- Groundwater
- Hydrology and Hydraulics
- Landfills and Solid Waste
- Litigation Support
- Mining
- Occupational Safety and Health
- Oil and Natural Gas Consulting
- Permitting
- Remediation
- Roadway Engineering
- Sampling
- Site Design
- Storage Tanks
- Surveying and Mapping
- Water and Wastewater
- Water Quality
- Wetlands

LEADERSHIP

Our firm is managed by two principals driving POTESTA forward with their experience and emphasis on exceeding expectations. Ronald R. Potesta, President, has served as the Director and Deputy Director of West Virginia's Department of Natural Resources (WVDNR), during his tenure housed all of the environmental regulatory programs, had an annual budget of \$23 million and 700 full-time employees. The agency at that time encompassed state environmental regulatory programs, wildlife management and law enforcement. Dana L. Burns, P.E., Vice President of Engineering, has more than 40 years' experience with civil, geotechnical, mining and environmental engineering projects. Mr. Burns, P.S., P.E., has managed numerous multi-discipline wastewater and water projects, and understands the importance of client communication and the internal coordination of various disciplines on a project. The public service and experience of our principals has provided POTESTA with personal relationships with many of the regulatory staff members and in-depth program knowledge of West Virginia and surrounding states regulatory programs. POTESTA builds our contact base, stays informed on current issues, and strengthens relationships with the regulatory community by contributing and serving on various boards and commissions.

POTESTA's staff is committed to delivering innovative, cost-effective solutions to meet our client's complex requirements. The firm's environmental department consists of biologists, geologists, chemists, environmental scientists and environmental engineers, many with advanced degrees (Masters and Ph.D. level). POTESTA's engineering department includes civil, geological, geotechnical, environmental, mining and mechanical engineers. Our registered professional engineers have over 300 years of experience among them and are supported by a capable team of engineers, designers, and surveyors. Our survey crews have over 150 years of experience among them.



Ronald R. Potesta



Dana L. Burns, P.E., P.S.



EXPRESSION OF INTEREST

CORPORATE PROFILE



LOCATIONS

POTESTA will complete the work under this contract in our Charleston, West Virginia office which is staffed entirely with West Virginia residents. POTESTA's staff is very familiar with the regulatory structure and process of the State and have acquired years of combined environmental/permitting/design experience, resulting in innovative approaches to the various challenges that the topography and geology of this State present.

We will utilize our experienced staff in our branch office of Morgantown, West Virginia for site visits to the northern part of the state and Winchester, Virginia for site visits to the Eastern Panhandle. Close proximity of the branch offices will keep travel costs down.

We stand ready to commit the personnel and resources required to complete this project in a timely, technically sound, and cost-efficient manner.



Charleston, West Virginia

District 3
District 4
District 5
District 6



Morgantown, West Virginia

District 1



Winchester, Virginia

District 2

INSURANCE AND QUALITY CONTROL

We carry a full line of insurance coverage, including general liability, errors and omissions, and workers' compensation. We also have and follow a stringent internal quality control system designed to provide our clients with quality products. We believe the quality of our work is best exemplified by approximately 85 percent of our workload coming from repeat clients.

We have won seven Gold Awards in the American Council of Engineering Companies – West Virginia Chapter's engineering excellence awards competition.

WHY HIRE POTESTA?

- Successful track record with state agencies
- West Virginia-owned and operated firm—located within five miles of state offices in Charleston
- Unparalleled West Virginia regulatory expertise—specializes in regulatory compliance issues
- Experience with various funding sources
- Services will be completed within schedule and budget

EXPRESSION OF INTEREST

PROFESSIONAL DISCIPLINES



CIVIL ENGINEERING

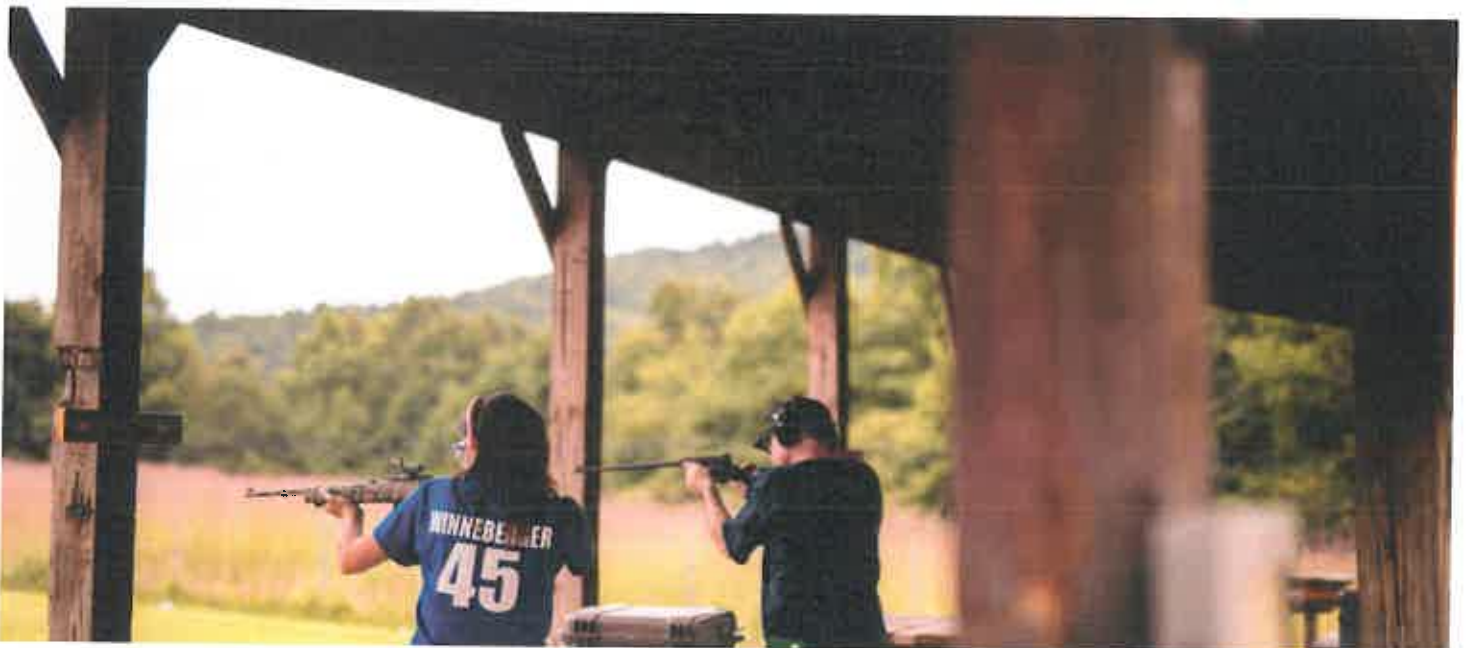
Civil engineering is an area of particular expertise and experience at POTESTA. Our engineering staff has a broad background related to the vast field of civil engineering. Civil engineering disciplines such as development of grading plans, storm water management, water/wastewater treatment, utility/infrastructure design and dam/impoundment design are all areas of particular expertise at POTESTA. Our diverse staff of engineers, geologists, and scientists are routinely involved in these types of projects and work to support the project teams assigned to these projects on a daily basis to achieve a completed project that meets the client's expectation.

Once a project has been determined feasible through the preliminary planning stages, POTESTA's design professionals work to complete preliminary and final design plans. Frequent communication is made with the client and other design professionals to review the completed activities and obtain input for the design process.

The following design services are routinely completed for clients at POTESTA:

- Site Development Grading and Drainage Plans
- Storm water Management Plans
- Erosion and Sediment Control Plans
- Hydraulic Structure Design
- Earth Retaining Structures
- Stream Restoration
- Earthwork Optimization (Balance Cut/Fill While Optimizing Developable Property)
- Dam/Impoundment design, Inspection and Recommendations
- Utility Relocation
- Site Reclamation

During the construction process, POTESTA routinely provides professional services throughout the construction of our client's projects. These services often include survey layout, construction management, construction monitoring, record drawings preparation and bid evaluation assistance.



EXPRESSION OF INTEREST

PROFESSIONAL DISCIPLINES



GEOTECHNICAL ENGINEERING

POTESTA engineers and geologists have extensive experience related to the geotechnical engineering and geological disciplines. These areas include subsurface explorations, monitoring well and piezometer installations, foundation design recommendations, slope stability analysis, retaining walls, and remedial designs as they relate to construction, mining, waste disposal, environmental remediation, and other projects.



Subsurface Explorations

- Attend an initial meeting with the client
- Conduct preliminary site reconnaissance
- Develop a recommended exploration program

POTESTA can provide field engineers and geologists who are knowledgeable using the latest technologies to assist in collecting and analyzing samples. Our knowledge of the proper procedures and familiarity with local conditions allows office and field personnel to adjust the exploration plan if unanticipated field conditions are found.

Slope Stability Analysis and Remedial Design

- Utilize various methods to predict slope stability
- Analysis of existing or proposed soil embankments, rock fills, dam analysis and design, landfill design and operation, assessing the causation of slope failure, and designing remedial measures
- Analyses—circular or sliding block methods, interface friction angles, and estimate of the strength parameters of the soil or rock
- Consider various remedial measure—regarding the site to obtain more suitable conditions, management of groundwater, and design of retaining structures
- Familiar with wide variety of retaining structures—gabion baskets, soldier beam and lagging walls, sheet piles, reinforced concrete and reinforced earth slopes

Foundation Design Recommendations

- Experience with various types of foundations and will recommend the appropriate type of foundation given the anticipated application and site conditions
- Foundations—spread and strip footings, steel piles, auger-cast concrete piles, drilled piers, and reinforced mats
- Preliminary foundation design recommendations and cost analyses
- Preliminary alternatives for final recommendation
- Construction documents
- Final recommendation—construction drawings, technical specifications, recommendations for allowable bearing capacity, engineer's construction cost estimate, and contractor's bid sheet

EXPRESSION OF INTEREST

PROFESSIONAL DISCIPLINES



SURVEYING

POTESTA proposes to utilize our own survey crews on this project. POTESTA will perform all of the surveying required for this contract using in-house personnel. POTESTA has three licensed professional surveyors with over 50 years of combined surveying experience. Our surveyors are experienced in all aspects of surveying such as topographic mapping, boundary and property surveys, and construction surveys for layout of work, record drawings, and quantity measurements. We have three survey crews and the capability to add a fourth crew if necessary.

Our surveyors are experienced in many aspects of surveying such as topographic mapping, boundary surveys (rural/farms, city lots, and subdivisions), ALTA surveys, control surveys, flood certificate surveys, well location surveys, construction surveys for layout of work, record drawings, and quantity measurements. Related areas include courthouse research, preparation of right-of-way plans, and verification of property owners. POTESTA has licensed professional surveyors registered in West Virginia, North Carolina, South Carolina, Ohio, Virginia, and Pennsylvania. Surveys completed by POTESTA are performed by or under the direction of a professional licensed surveyor. Surveys and mapping are completed to the standards outlined by the National Map Standards, as well as other applicable quality standards.

POTESTA is equipped with modern surveying instruments, allowing efficient data processing and accurate gathering of field information. Total station instruments equipped with data collectors are utilized for complete field-to-office automation allowing for high levels of productivity in the field. The latest versions of software are then used to process survey data and create drawings or required end products. These products can be supplied to our clients in AutoCAD and/or Microstation format. POTESTA's surveyors use state-of-the-art equipment such as Topcon total stations, Trimble R-8 GNSS, and SMI data collectors with SMI software. Autodesk Civil 3D reduction and design software is used.

POTESTA can provide the necessary surveying required for establishing ground control for aerial mapping. As a quality control measure, aerial mapping is field checked for accuracy by surveying cross sections or random points.

Our staff is experienced in global positioning surveys (GPS), GPS equipment, Trimble R-8 GNSS, and existing base stations are among POTESTA's surveying tools. Based upon the site location and ultimate use of the survey information, a recommendation is made to the client as to whether or not traditional survey or GPS is most applicable to their project.



EXPRESSION OF INTEREST

PROFESSIONAL DISCIPLINES



CONSTRUCTION MONITORING/ADMINISTRATION

POTESTA provides construction monitoring and construction management services to assist clients in achieving regulatory and contractual compliance, to document that contractor activities are in compliance with design requirements, and to serve as an extension of clients' staff. POTESTA can provide full-time or part-time field services utilizing one or more engineers or technicians.

Regulatory compliance is often best documented by providing full-time construction monitoring services for a construction project. POTESTA can assist clients in observation of construction activities and documenting compliance.



POTESTA's construction observation and administration personnel are experienced with varying types of construction, geotechnical, and environmental projects, including adherence to specifications, sampling/testing, pay quantity verification, and dispute resolution. We have successfully completed many projects from start to finish. POTESTA is experienced with quality assurance and quality control monitoring associated with earthwork and construction projects.

POTESTA's construction contract management services include:

- Review contract documents, particularly items that were not prepared by POTESTA, such as the agreement, general conditions, supplementary conditions, specification special conditions, and engineering specifications.
- Review, meet, comment on and accept contractor's preliminary (and subsequent adjustments to) progress schedule, preliminary schedule of shop drawing and sample submittals, and preliminary schedule of values (for progress payments).
- Attend pre-construction conference.
- Review underground facilities not shown on contract documents to determine potential changes to contract documents.
- Attend progress meetings and as needed meetings.
- Review and approve shop drawings and samples (if required), including review of revised shop drawings if necessary.
- Review substitutes and "or equal" items, and issue written acceptance/denials.
- Review and approve shop drawings and samples (if required), including review of revised shop drawings if necessary.
- Review contractor work plan, if required by specification special conditions.
- Attend progress meetings and as needed meetings.
- Issue written clarifications or interpretations of the requirements of the contract documents, including issuance of additional specifications and drawings.
- Provide a full-time representative to observe construction for compliance with the contract documents, and observe testing by the contractor and record results on appropriate forms.
- Prepare weekly reports summarizing construction activities.
- Prepare change orders for the work, including issuance of additional specifications and drawings, if necessary.
- Review contractor invoices (i.e., Applications for Payment) and issue written recommendations for payment or denial.
- Issue Certificate of Substantial Completion, as typically required by the contract documents.
- Provide record drawings showing "as-built" features.

EXPRESSION OF INTEREST

PROFESSIONAL DISCIPLINES



ENVIRONMENTAL CONSULTING

POTESTA was formed by Ronald Potesta, who headed the West Virginia Department of Natural Resources which, at one point, included the Department of Environmental Protection and Water Resources. Environmental permitting is POTESTA's forte. POTESTA has a large professional staff, including environmental, mechanical, and civil engineers and scientists who provide a variety of environmental services to our diverse cliental. Our experienced personnel are current with federal, state, and local regulations.

Lead Management

POTESTA has completed numerous project involving remediation of media impacted with heavy metals, such as lead, therefore our staff is experienced in the environmental laws concerning lead. POTESTA understands that each shooting range is unique in each design and the environmental setting, and will identify the most appropriate best management practice for the range. The EPA developed a manual that will provide useful general information regarding lead management practices, however it is recommended a lead management plan be created by an experienced professional.

As a corporation, we understand the dangers of lead exposure and also have a control plan in place to establish and maintain a safe and healthy work environmental.

POTESTA is experienced in preparing management plans to operate safely around hazardous media. We will support the WVDNR to operate the shooting ranges with the latest information on compliance priorities, collect and analyze data to help identify problems, and develop methods and procedures to minimize potential impacts to humans and the environment. POTESTA will gather necessary information to assemble a lead management plan to meet the specific needs at the shooting range.



EXPRESSION OF INTEREST

RELATED PROJECTS– SHOOTING RANGES



NATIONAL WHITETAIL DEER EDUCATION FOUNDATION

Cambridge, Ohio

Grading Plan for New Shooting Range

- Topographical mapping and surveying
- Layout/grading plan
- Access road mapping and surveying
- Access road layout/grading plan



CAMP DAWSON

Kingwood, West Virginia

Underground Utility Project

- Preliminary mapping to access findings and provide recommendations to which areas warrant additional studies related to underground utility locations
- Final existing utilities map
- Develop construction documents to move the existing utilities overhead utilities to underground



U.S. CUSTOMS & BORDER PROTECTION

Harpers Ferry, West Virginia

Irrigation/Re-Use System Integration Study

- Preliminary review of irrigation systems
- Conduct field observation
- Edit as-built drawings and combine with complete set of drawings
- Develop irrigation and re-use system integration
- Provide operating instructions and training video

EXPRESSION OF INTEREST

RELATED PROJECTS— LEAD/METALS



Project	Project Manager/Contact Information	Type of Project	Project Goals and Objectives
Markfork Mining	Ronald Potesta President rrpotesta@potesta.com	Lead Contamination Plan	<ul style="list-style-type: none"> Plan to characterize the extent, vertically and horizontally, of lead contamination associated with a battery storage area Provided detailed report including building sketches identifying sampling locations, description of materials samples, and interpretation and presentation of sample results
Kanawha River Terminals	David Corsaro, L.R.S. Manager of Characterization and Remediation djcorsaro@potesta.com	Phase I and Limited Phase II ESA	<ul style="list-style-type: none"> Identify recognizable environmental conditions that may pose a threat to the character of the property, facilities, and individuals (i.e. lead exposure)
Robinson & McElwee	Ronald Potesta President rrpotesta@potesta.com	Release of Lead	<ul style="list-style-type: none"> Performed as assessment on issues surrounding the release of lead contaminated black beauty into the Kanawha River as a result of sandblasting and painting of a bridge
URS	Ronald Potesta President rrpotesta@potesta.com	Asbestos and Lead Paint Survey	<ul style="list-style-type: none"> Preliminary asbestos and lead-based paint sampling on office building and residence Letter report of analytical results
City of Lewisburg	Ronald Potesta President rrpotesta@potesta.com	Disposal Plan	<ul style="list-style-type: none"> Environmental consulting for lead-based paint issues in City Hall Developed a plan and implemented for proper disposal
Poor Charlie and Co. (multiple sites)	Ronald Potesta President rrpotesta@potesta.com	Voluntary Remediation Program/Lead Remediation	<ul style="list-style-type: none"> Assessment and risk-based remediation for industrial scrap recycling facilities where lead was a contaminant of concern
Hannah Lumber Company	David Corsaro Manager of Remediation and Characterization djcorsaro@potesta.com	Use of X-Ray Fluorescence (XRF) Analyzer	<ul style="list-style-type: none"> Assessment and remediation of former lumber treatment facility Worked with WVDEP to develop a plan to use XRF in conjunction with limited sampling to confirm XRF reliance while controlling costs

RISK-BASED REMEDIATION

POTESTA has completed numerous projects involving minimizing the potential for environmental liability associated the redevelopment and reuse of industrial properties impacted with contaminants, such as lead. Clients have included:

- West Division Department of Environmental Protection
- West Virginia Wood Preserving Company
- Wyoming County Economic Development Authority
- Charleston Sanitary Board
- Peters Fuel Corporation
- Union Carbide Corporation
- Solutia
- Huntington Sanitary Board
- City of Parkersburg
- DuPont
- Pack Lumber

EXPRESSION OF INTEREST

RELATED PROJECTS— CIVIL/SITE AND GEOTECHNICAL



Project	Project Manager/Contact Information	Type of Project	Project Goals and Objectives
Stonerise Healthcare	Christopher Grose, L.R.S. Senior Engineering Associate cagrose@potesta.com	Eastbrook Addition	<ul style="list-style-type: none"> • Subsurface exploration • Civil/site design plans • Design of box culvert • Design of segmental retaining wall • Design of new ambulance entrance • Evaluation of sanitary sewer line
Glenmark Real Estate LLC	David Sharp, P.E. Branch Manager dsharp@potesta.com	Greenbag Road Commercial Development	<ul style="list-style-type: none"> • Surveying • Geotechnical recommendations • Storm water collection system design • Utility extension/connection designs • Permitting • Technical specifications
RC General Contractors	Christopher Grose, L.R.S. Senior Engineering Associate cagrose@potesta.com	Family Health Associates Office Building	<ul style="list-style-type: none"> • Subsurface exploration • Geotechnical report • Foundation recommendations • Designed stormwater management plan
West Run Student Housing Associates, Inc.	David Sharp, P.E. Branch Manager dsharp@potesta.com	West Run Student Housing	<ul style="list-style-type: none"> • Roadway design and permitting • Stormwater management and permitting • Site design • Conceptual design of retaining wall • Phase I ESA • ALTA survey • Geotechnical drilling and recommendations • Preparation of contract and bidding documents • Construction administration
City of Charleston	Christopher Grose, L.R.S. Senior Engineering Associate cagrose@potesta.com	Grandview Slip Repair	<ul style="list-style-type: none"> • Geotechnical assessment of slip • Surveying • Development of regrading construction plans
West Virginia University	David Sharp, P.E. Branch Manager dsharp@potesta.com	Evansdale Parking Expansion	<ul style="list-style-type: none"> • Preliminary parking layout • Site surveying • Limited geotechnical review • Civil/site design • Permitting • Construction stakeout and observation • Stormwater permit
Town of Granville	David Sharp, P.E. Branch Manager dsharp@potesta.com	Boat Ramp	<ul style="list-style-type: none"> • Surveying • Coordination and consulting with various agencies • Civil/site design and construction documents • Construction observation/administration
Associated Architects, Inc.	Christopher Grose, L.R.S. Senior Engineering Associate cagrose@potesta.com	Glenville State Convocation Center	<ul style="list-style-type: none"> • Permitting • Existing site utility survey • Subsurface geotechnical exploration • Geotechnical report • Foundation recommendations • Design of water and sewer lines • Development of site grading plan • Development of stormwater management system • Design of site entrance, 500-space parking lot, travel lanes, and corresponding pavement sections

EXPRESSION OF INTEREST

RELATED PROJECTS– CIVIL/SITE AND GEOTECHNICAL



Project	Project Manager/Contact Information	Type of Project	Project Goals and Objectives
University of Charleston	Christopher Grose, L.R.S. Senior Engineering Associate cagro@potesta.com	Watt Powell Softball Field Upgrades	<ul style="list-style-type: none"> • Evaluation of an adjoining stream to determine the stormwater collection, conveyance, and outfall location • Preparation of site grading and utility plan • Fill placement criteria related to the subgrade materials required by the turf manufacturer • Construction stakeout of field, associated utilities, and planned structures
Cabela's	Mark Kiser, P.E., L.R.S. Chief Engineer dmkiser@potesta.com	New retail location	<ul style="list-style-type: none"> • ALTA survey • Subsurface exploration • Grading plan • Stormwater collection system • Pavement design • Utility extension designs • Permitting • Support for local approvals • MM-109 permit
Associated Architects	Mark Kiser, P.E., L.R.S. Chief Engineer dmkiser@potesta.com	West Virginia Water Development Authority Office Building	<ul style="list-style-type: none"> • Topographic survey/utility mapping • Geotechnical exploration • Foundation recommendations • Civil/site design • Permitting



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PROPOSED STAFFING PLAN



PRINCIPAL-IN-CHARGE
Dana Burns, P.E., P.S.

DESIGN IMPROVEMENTS
Christopher Grose, L.R.S.

LEAD MANAGEMENT PLAN
David Corsaro, L.R.S.

DESIGN STAFF

Mark Sankoff, P.E., P.S.
D. Mark Kiser, P.E., L.R.S.
Robert Ammirato, P.E.
Jarrett Smith, P.E.
Jordan Beard
Angela Pugh, P.E.
Patrick Taylor, P.E.
Chad Griffith, P.E.
Everett Mulkeen, P.E.
Terence Moran, P.E.
Kyle Stollings, P.E., P.S.

SOILS/GEOTECHNICAL

Peter Potesta
David Sharp, P.E.
Dennis Litwinowicz
Jeremi Stawovy, E.I.T.

SURVEYING

Victor Dawson, P.S.
E. Brad Starkey
Greg Hodges
Rusty Hunter
Charles Shaffer
Ryan Bennett
Tyler Aboytes

CONSTRUCTION MONITORING

Robert Lamm
Michael Whitman
Bill Cox
Russ Harper
Carl Hickman
Paul Kinzer
Chuck Bird

Total Staff: 79

17	Civil Engineers	1	Mechanical Engineer	1	Toxicologist
10	Construction Technicians	2	Aquatic Ecologists	1	Economist
4	Geotechnical Engineers	6	Biologists	1	Aqua Culturist
2	Geologists	2	Fish & Wildlife Specialists	1	Information Technologist
6	CADD Operators/Draftsman	1	GIS Specialist	1	Chemist
7	Surveyors	3	Environmental Scientists	1	Chemical Engineer
1	Mining Engineer	1	Horticulturalist	10	Administrative Personnel

EXPRESSION OF INTEREST

STAFF QUALIFICATIONS



Appendix A includes resumes of proposed key personnel.

Mr. Dana L. Burns, P.E., Vice President, will serve as principal-in-charge for this project. As such, he will direct POTEESTA's staff, answer questions, address problems encountered and review the project budget. Mr. Burns has over 40 years experience with civil and environmental engineering projects, including working on projects funded by Small Cities Block Grant, United States Department of Agriculture-Rural Utility Services (USDA-RUS), AML, United States Department of Commerce - Economic Development Administration, West Virginia Infrastructure and Jobs Development Council, and others. He has managed over a hundred projects requiring the preparation of construction drawings and technical specifications and participation in the pre-bid and pre-construction conferences.

Mr. Christopher A. Grose, L.R.S., Senior Engineering Associate, has degrees in civil engineering and geological engineering and has over 29 years of experience in geological/geotechnical explorations, surface and subsurface hydrology and hydrogeology, and foundation design. Mr. Grose's experience includes the design and evaluation of geotechnical explorations related to earth retention structures, slope stability and engineered fill construction. Mr. Grose has participated in the geotechnical explorations/evaluations for many projects for POTEESTA.

Mr. David J. Corsaro, LRS, Manager of Characterization and Remediation, is highly experienced with the Voluntary Remediation and Brownfield Programs, RCRA, Superfund, Phase I and II Environmental Site Assessments (ESA), LUST, and remediation projects. Mr. Corsaro has over 19 years of experience in risk assessment, environmental engineering projects, UST management, soil and groundwater contamination assessment studies, waste management, remedial design, preparation of corrective action/remediation plans and specifications, quality assurance project plans, health and safety plans, and construction administration. Mr. Corsaro has served as a project manager for numerous Phase I ESAs, LUST site projects and is the LRS for Voluntary Remediation Program projects in West Virginia. Mr. Corsaro is very familiar with requirements of WVDEP, EPA, LUST, and CERCLA projects.

Mr. W. Kyle Stollings, P.E, P.S., Senior Engineer, has over 38 years in mining and civil engineering, surveying, and public works construction and administration. Mr. Stollings' experience ranges from underground coal mining, to broad spectrum urban engineering/construction/administration as City Engineer in Charleston, West Virginia, to West Virginia Division of Highways project engineering/construction, to over ten years as the WVDOH, Director of Maintenance Division, working statewide in Maintenance and Operations Management including disaster recovery working with FEMA (snow, flood, fire), oversight of over 6,800 bridges, approximately 36,000 miles of roadway, materials and services contracts, heavy haul permits, public and media relations, interaction with state and federal agencies, legislators, and Congressional Representatives.

Mr. David B. Sharp, P.E., Senior Engineer and Branch Manager for POTEESTA's Morgantown office, has over 24 years' experience in civil and environmental projects, with an emphasis in the geotechnical engineering. Responsibilities have included projects involving civil/site design, geotechnical design, solid waste management facility design including geosynthetic applications, hydrologic and hydraulic design, transportation/highway projects including geotechnical and right-of-way plans, and municipal water and wastewater projects.

Mr. D. Mark Kiser, P.E., Chief Engineer, has over 35 years' experience in civil engineering, including utility extensions, replacement repairs, street and roadway construction, stormwater management, regulatory permitting and compliance, environmental compliance and permitting. Mr. Kiser has worked within many local jurisdictions to meet various local ordinances and codes. Mr. Kiser routinely serves clients in a project manager role and supervises other POTEESTA professional staff and support personnel. Mr. Kiser is focused on client satisfaction and providing expert advice to assist clients.

Staff Certifications are included in *Appendix B*.

EXPRESSION OF INTEREST

MANAGEMENT PLAN



PROCEDURE FOR COMMUNICATION WITH OWNER

Mr. Dana Burns, P.E., as POTESTA's principal-in-charge he will be responsible for contract management (administration) and shall coordinate and direct all aspects of the project. Day-to-day project activities for this project will be performed under the direction of our project manager, Christopher Grose, L.R.S. **Mr. Grose, L.R.S., will be the point of contact to allow clear communication with the WVDNR.** A written proposal, including a detailed scope of services and an associated manhour and cost estimate, will then be prepared and submitted to WVDNR for review. The project manager will review the proposal with the WVDNR, including a task-by-task discussion of work items and the related costs. Upon the WVDNR's approval of the proposal, the project manager will arrange for the start of project activities. The principal-in-charge will provide the project manager the required staff necessary to complete the project activities, will review the project budget and schedule during performance of the project, and will provide a final QA/QC review of the documents prior to submittal to the WVDNR. The project manager will develop a detailed step-by-step project work plan so that the project activities are completed in a correct manner, within budget, and on time. POTESTA will be available to conduct weekly status reports which may include weekly meetings, memos, or telephone calls with the WVDNR's project manager as required.

REQUIRED DOCUMENTS

Appendix C contains Interested Party Disclosure, DNR200000005 Solicitation Form, Certification and Signature Page, Purchasing Affidavit, Addendum Form, and Certificate of Insurance.

PROJECT BUDGET CONTROL

The project manager will be responsible for monitoring the project budget and keeping the principal-in-charge informed of its status. The project manager will develop a work plan based on hourly rates and tasks to complete the project. POTESTA's staff enters time into POTESTA's InFocus accounting system on a daily and/or weekly basis. POTESTA's project manager can access InFocus at any time, thus allowing a real-time control of project costs.

PROJECT SCHEDULE CONTROL

Direct responsibility for schedule control lies with the project manager. Initially, the project manager will review schedule requirements to see how they can be achieved given the anticipated scope of work and develop a work plan. As the project progresses, the project manager will monitor progress and compare it with the established schedule on a weekly basis keeping the principal-in-charge aware of the schedule's status. In this manner, the principal-in-charge can make staff adjustments to allow the project manager to maintain the project schedule. If circumstances develop that could impact the project schedule, the project manager will contact the WVDNR's project manager to develop a mutually acceptable adjustment to the schedule and/or work plan.

EXPRESSION OF INTEREST

REFERENCES



HARDY COUNTY RURAL DEVELOPMENT AUTHORITY

Ms. Mallie Combs
223 N. Main Street #102
Moorefield, West Virginia 26836
Phone: (304) 530-3047

WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION

Mr. Nick Estes
601 57th Street, SE
Charleston, West Virginia 25304
Phone: (304) 926-0499
Fax: (304) 926-0458

HUNTINGTON SANITARY BOARD

Mr. Wesley Leek
555 7th Avenue
Huntington, West Virginia 25701
Phone: (304) 781-1912
Fax: (304) 696-5596

MORGAN COUNTY COMMISSION

Ms. Alma Gorse
Morgan County Courthouse
77 Fairfax Street #101
Berkeley Springs, West Virginia 25411
(304) 258-8540



EDUCATION

- M.S. Civil Engineering, 1979
West Virginia University
- B.S. Civil Engineering, 1978
West Virginia University

EMPLOYMENT HISTORY

- 1997-Present Potesta & Associates, Inc.
1994-1997 Terradon
1979-1994 GAI Consultants, Inc.
1978-1979 West Virginia University
1976-1977 West Virginia Department of Highways
(summers)

PROFESSIONAL REGISTRATIONS

- Professional Engineer – West Virginia, Illinois
- Professional Surveyor – West Virginia

PROFESSIONAL CERTIFICATIONS

40-Hour Health and Safety Training

SERVICE ON BOARDS AND COMMISSIONS

- Environmental/Technical Committee member – West Virginia Coal Association
- Environmental Committee member – Kentucky Coal Association

- Past Board of Directors member and current Waste Team Chairman on the Environmental Safety and Health Committee – West Virginia Manufacturers Association
- Environmental and Safety Committee member – Independent Oil and Gas Association of West Virginia
- Environmental Committee member – West Virginia Oil and Natural Gas Association
- Past President – West Virginia Society of Professional Engineers, Professional Engineers in Private Practice
- Past President and past Board of Directors member – American Council of Engineering Companies West Virginia Chapter
- Past Chairman of Transportation Committee – American Council of Engineering Companies West Virginia Chapter
- Past Board of Directors member – Society of American Military Engineers Huntington Post
- Member Committee D-18 on Soil and Rock – American Society for Testing and Materials (ASTM)

PROFESSIONAL AFFILIATIONS

- American Society of Civil Engineers
- National Society of Professional Engineers
- WV Society of Professional Surveyors

AREAS OF SPECIALIZATION

Management of design and permitting of civil, environmental, geotechnical, and mining engineering projects. Siting, design, and permitting of industrial and municipal waste disposal sites; reclamation of abandoned mine lands; and development of stormwater management plans and groundwater sampling programs. Environmental/reclamation liability assessments. Development of site plans for commercial and industrial facilities including hydrologic and hydraulic analyses. Expert witness testimony. Directs engineering division including day-to-day operation of headquarters and three branch offices concerning staffing, coordination, training, business development; and overall management of technical and support staff.

PROFESSIONAL EXPERIENCE

Civil/Site Design

Utility extension, site grading plans, stormwater management, roadway design, and permitting for site development:

- Residential subdivisions
- Commercial developments

University of Charleston – Principal-in-Charge for the following projects:

- Development of topographic mapping of campus
- Evaluation of storm sewer system
- Civil site services – UC Pharmacy School, New Hall, Middle Hall, and Brotherton Hall
- Design of new campus entrance roadway

Marshall University – Principal-in-Charge for the following projects:

- 400 bed housing project
- Biotechnology Center
- Fifth Avenue parking and 6th Avenue parking facility
- Jomie Jazz Center
- Childcare Center
- Mid-Ohio Valley Center
- Campus landscape master use plan
- Campus improvements project
- MU Graduate College South Charleston campus
- Student Center and Henderson Center
- Bookstore addition
- University Heights

Glenville State University – Principal-in-Charge for the following projects:

- Student Residence Hall
- Athletic Convocation Center and Forestry/Survey Class Center

West Virginia University – Principal-in-Charge for a sidewalk repair project located near Allen Hall on the Evansdale Campus in Morgantown, West Virginia.

The Villages at Coolfont – Principal-in-Charge to provide environmental and engineering consulting services for the redevelopment of the Coolfont Recreation property in

Morgan County, West Virginia to create a second home community with high-end amenities:

- Phase I Environmental Site Assessment
- American Land Title Association (ALTA) boundary and property survey of 997 acres
- Completed an assessment of the facility's sanitary sewer wastewater treatment plant to facilitate acquisition of the property.
- Participated in week long planning charette with client, land planners, and other design consultants to assess characteristics of property, identify opportunities and constraints, obtain input from local residents and businesses, and develop design guidelines.
- Land use plan including 1,300 homes, a village center, spa, expansion of an existing lake, a proposed second lake, walking/hiking/biking trails, and the necessary infrastructure.
- Civil engineering design for potable water and wastewater treatment facilities.
- Selected source well locations, drilled 3 source test wells, and completed field testing and permitting.
- Designed 300 gallon per minute potable water treatment plant.
- Designed 2- 316,000-gallon water storage tanks and 75,000 LF of distribution system.
- Completed the design and permitting for a 448,000-gallon per day membrane bioreactor wastewater treatment plant, including the design of a 70,000 LF collection system.
- Assisted with permitting required for the development of the new lake and upgrades/expansion of the existing lake (included were Section 404 individual permit and Section 401 water quality certification).
- Prepared roadway and stormwater management plans, including typical pavement sections, road profiles, geometric layout plan, culvert and drop inlet sizing, drainage conveyance pipe and channel profiles, and miscellaneous stormwater management details.

City of Charleston – Inspection and preparation of rehabilitation design for Parking Garage No. 1.

Tucker County Industrial Park – Principal-in-Charge for the design which included water and sewer lines, stormwater management design, roadway design, pavement design, site grading plan, master plan, and geotechnical exploration/foundation recommendations.

Principal-in-Charge for site grading plans, stormwater management system, site surveying, roadway/parking lot design, wetland delineation/mitigation, and construction monitoring for the 400,000-square foot Coldwater Creek distribution center in Parkersburg, West Virginia.

Principal-in-Charge for the civil/site design for the new Sissonville Middle School in Kanawha County, West Virginia. Project included site grading plan with more than 230,000 cubic yards of earthwork to obtain 20 acres of level ground for a 74,000-square foot school, football field, soccer field, baseball field, access roadways, and parking areas. Project included utility designs for water service and sanitary and sewer. Stormwater collection systems and erosion and sediment control plan/permit completed.

Principal-in-Charge for civil/site design for new Riverview High School and Bradshaw Elementary School in McDowell County, West Virginia. Project included 2,500 linear feet of relocated WV Route 80, relocation of 1,200 feet of Oozley Branch, and site work (grading, stormwater drainage, geotechnical recommendations, sanitary sewer, water, and electrical services) to serve the two schools. Project design included site survey, geotechnical exploration, foundation recommendations, design of excavation slopes, layout of schools, parking areas and athletic fields, utility design, roadway relocations plans, and stream relocations plans. Responsible for the design and preparation of contract bid documents (specifications and drawings) for civil/site work. POTESTA served as a subconsultant to ZMM on this project.

Principal-in-Charge for civil/site design and permitting associated with the construction of three synthetic fuel pellet plants in McDowell County, Nicholas County, and Kanawha County, West Virginia. Project included developing synthetic fuel manufacturing facilities on inactive surface mining sites. Services included subsurface exploration, foundation recommendations, grading plans, stormwater management plans, preparation of permit applications, and construction monitoring for site grading and foundation construction. The McDowell County site included a water source study to identify and select water sources for the manufacturing process. The three plants had a construction cost of \$25 million. Project was a design/build arrangement with POTESTA working directly for the owner.

Carmeuse Lime & Stone – Principal-in-Charge of engineering and environmental services for the expansion of current quarry operations at Winchester quarry in Winchester, Virginia. The expansion includes the addition of two new vertical lime kilns and associated equipment, increasing their current aggregate crushing operation, and expanding their rail system to allow for increased shipping of product.

- Design included grading, stormwater management, and an access road crossing for a rail loop encircling the lime kilns and aggregate crushing areas with rail spurs for loading and unloading of product to connect to two mainline rail carriers.
- The total project track length consists of approximately 29,000 linear feet of rail.
- The design of the rail expansion includes trackside ditches, culverts, stormwater management systems, gas line relocations and crossings, rail crossings, and internal plant roadways, as well as grading for the expanded aggregate plant and lime kilns.
- Additional designs included civil/site services for a new office building and design of the sanitary water treatment system for this building.
- Acquired the necessary approvals to construct this project, such as approvals from local planning and zoning, inspections, health departments, and state governments such as Virginia Department of Transportation, Department of Environmental Quality (DEQ) and Department of Mining and Mineral Extraction (DMME).
- Conducted wetland delineations, developed reports, and completed applications to the Norfolk District (Northern Virginia field office) of the United States Army Corps of Engineers (USACE).

Development of specifications for a sand mound treatment system in the U.S. Air Training Center near Pittsburgh, Pennsylvania.

Geotechnical

Subsurface exploration, evaluation, and design of remedial measure for landslides:

- Soldier beam and lagging retaining walls
- Gabion walls
- Grade/drain/compact in-place
- Geo-grid reinforcement with grade/drain/compact in-place

Plasma Processing Corporation – Management of subsurface exploration and preparation of soils report near Ravenswood, West Virginia.

West Virginia University – Principal-in-Charge for the following projects:

- WVU Intermodal Parking Garage on the Medical Center Campus – geotechnical and civil engineering
- WVU Engineering Building – geotechnical evaluation

Principal-in-Charge for Williamson Landslide Project involving an abandoned mine land site. Geotechnical exploration and design of 480-foot long soldier beam and lagging retaining wall with tiebacks to support loose mine spoil backfill along the edge of a previously mined area with steep terrain. Project was required to protect an existing 125-bed nursing home facility.

Roadway Design

Principal-in-Charge for design of new entrance roadway to the University of Charleston and the utility extension, surveying, and general civil engineering for a 440-bed dormitory. Project was a design/build.

West Virginia Divisions of Highways – Inspection of bridge and highway construction.

Managed numerous industrial access roads. Roadways were designed for the private sector. Design was coordinated with and approved by the West Virginia Division of Highways and roadways were accepted into the state transportation system.

- ZMM Architects – Relocation of State Route 80 for construction of new elementary and high schools at Bradshaw in McDowell County, WV
- Jackson County Development Authority and Double C Enterprises – Industrial park access road and County Route upgrade in Kenna, WV
- Roane County Economic Development Authority – National Industrial Lumber access road in Amma, WV
- Tucker County Development Authority – Tucker County Industrial Park access road in Davis, WV
- Wood County Development Authority – Luigino's access road in Parkersburg, WV
- University of Charleston – Design of new entrance road to University of Charleston and redesign of

MacCorkle Avenue (State Route 61) intersection/turn lanes in Charleston, WV

- N-Visions Architects – Entrance road, bus loop, and emergency exit roadway for new Sissonville Middle School in Sissonville, WV
- Entrance road and bus loop for Trap Hill Middle School in Raleigh County, WV

WV Division of Highways – Managed environmental permitting, surveying, and design of four-lane 1.25-mile North Bridgeport Connector Road from Interstate 79 Jerry Dove Interchange to Benedum Airport in Bridgeport, West Virginia.

WV Division of Highways under open-end agreements for:

- Landslides and slope stability projects
- Surveying
- Asbestos services

WV Division of Highways – Managed geotechnical, environmental, right-of-way, and survey work performed as a subconsultant for various projects:

- King Coal Highway (section near Pineville, WV)
- Sharon Heights Connector
- Eldora and Enterprise Connector
- Dundon Bridge
- Martha Truss Bridge
- Martha Concrete Girder Bridge
- Upgrade of three bridges on Interstate 81
- Corridor H (section near Kerns, WV)
- Corridor D (section near Washington, WV)

Principal-in-charge for the Coalfields Industrial Site Survey performed for the West Virginia Development Office. Study identified and evaluated more than 1,000 former and current mining sites for use as industrial sites. McDowell County was one of six included in the study. The study considered accessibility, utility status and distance of required extensions, topography, site size, etc.

West Virginia Division of Highways – Coordination of Environmental Impact Statement for Route 19 upgrade from Summersville to Interstate 79 in Braxton County and New River Parkway from Sandstone Falls on I-64 to near Athens on I-77.

CHRISTOPHER A. GROSE, L.R.S.

Senior Engineering Associate



EDUCATION

- M.S. Geological Engineering, 1990
University of Missouri-Rolla
- B.S. Civil Engineering, 1988
West Virginia Institute of Technology

EMPLOYMENT HISTORY

- 1997-Present Potesta & Associates, Inc.
1994-1997 Terradon Corporation
1990-1994 GAI Consultants, Inc.
1989-1990 University of Missouri-Rolla
1989 Triad Engineering Consultants
(summer)
- 1988 West Virginia Institute of Technology
1983-1988 Clint Bryan & Associates Architects
(summers)

PROFESSIONAL REGISTRATIONS

Licensed Remediation Specialist – West Virginia

PROFESSIONAL CERTIFICATIONS

- Hazardous Waste Site Operations and Superfund Worker Protection Training
- American Red Cross Standard First Aid and CPR
- Troxler Moisture-Density Gauge

PROFESSIONAL AFFILIATIONS

- American Society of Civil Engineers
- Association of Engineering Geologists
- Society of America Military Engineers

AREAS OF SPECIALIZATION

Geological/Geotechnical engineering related to subsurface exploration studies, soil and rock slope design, landslide causation studies, foundation system design, surface/subsurface hydrogeology, ground subsidence, contaminant transport and groundwater flow modeling. Planning, design, and permitting of natural gas production well pads and access roads. Geological study of hazardous waste remediation sites, CERCLA/SARA, RI, and FS report compilation, geological and geotechnical aspects of siting and design of municipal and industrial waste landfills.

PROFESSIONAL EXPERIENCE

Civil/Site Design

Civil/Site design included slope stability of both cut and fill slopes in soil and rock for various well production pads in northeastern West Virginia associated with natural gas production in the Marcellus well field. Work consisted of the management of a design engineering team including ground survey crews to development site topographic base mapping, coordination with client regarding land ownership, access roadway alignments, site drainage control, and number/location of production wells. Additional work also included gathering and midstream transmission pipeline locations. The scope of services for these projects also included the preparation of permit documents and attachments for submittal to the WV Department of Environmental Protection-Office of Oil and Gas.

- Stone Energy Corporation
 - Higgins East pad and road
 - Higgins West pad and road
 - Conley Well pad, road, and access bridge
 - Mills-Wetzel No. 3 pad and road
 - Hunter/Pethel well pad
 - Talkington-nice pad and road
 - Bowyers well pad and road
- Viking Oil & Gas
 - United Disciples of Christ well pad

Geotechnical

Completion of numerous subsurface exploration studies for active soil slope landslide failures associated with the development of natural gas production well pads and access roads. Work included the layout, surveying, and logging of subsurface borings to determine the depth and extent of the slope failures. Following collection of soil/rock samples, materials were tested for characteristic and strength properties. Following testing efforts, the failed slopes were modeled using computer-based slope stability design models to determine a stable configuration including the addition of rock buttresses, toe keys, underdrains, mid-slope keys, etc. Final stabilization plans were then prepared for the client allowing bidding and selection of a repair and stabilization contractor to perform the work.

- Stone Energy Corporation
 - Mills-Wetzel No. 2 well pad landslide repair
 - Potoczny well pad landslide repair
 - Mills-Wetzel access road landslide repair
 - Pribble Tank landslide repair
 - Haines Branch pipeline landslide repair
- Columbia Pipeline Group (TransCanada Pipeline)
 - SM8 pipeline landslide repair
 - SM80 Loop pipeline landslide repair
- Chesapeake Energy Corporation – R. Baker well pad landslide causation study
- TransEnergy Corporation – Dewhurst well pad landslide repair
- Reserve Oil & Gas – Reed No. 1 well pad access road landslide repair

West Virginia Division of Highways – Geotechnical engineer on geotechnical/landslide master services agreement for on-call services for a three-year period.

Forensic study, expert testimony, and legal support related to the failure of numerous soil/rock slopes throughout West Virginia. This work included extensive review of relevant project case documents, site reconnaissance visits, interviews with project personnel, and deposition testimony.

Lynn Elementary School – Technical insight and recommendations to attorneys representing an adjacent property owner related to the contributing factors related to the formation and continued failure of an excavated soil slope. The toe of the slope was excavated during the site development of the proposed elementary school site in Lynn, West Virginia.

Crichton & Crichton – Landslide formed along a wooded hillside below a residential driveway on Pleasant Lane in Wood County, West Virginia. The slope failure was noted during a substantial leak in an existing water main. The work included a review of case documents, interviews with various residents (plaintiffs in the case) and the development of supporting causation theory for the formation of the landslide. The work also includes the development of repair alternatives and associated construction estimates to be considered during the dispute hearing between the plaintiff and defendants.

Chesapeake Appalachia/Law Office of Jeffrey Mahal (R. Baker Natural Gas Production) – Provided technical study and file review of case documents related to the grading contractor's construction work efforts to prepare a well pad for the installation of a series of horizontal gas production wells in Marshall County, West Virginia. The work included the removal of soil and rock from an existing hilltop. The resulting material was placed or wasted in series of three side hill fills along the edges of the resulting well pad. All three of these fills experienced progressive and ongoing failures following the construction effort. Reviewed design documents, construction records, and details related to several repair attempts to result in the development of a professional opinion related to the various factors contributing to the multiple slope failures.

Nationwide Trial Division/Khan & Wheeler (Ross v. WVAW Landslide Case) – Provided professional opinion related to the formation of a slope failure along the Elk River immediately behind several commercial and residential homes near the Town of Elkview, West Virginia. The initial landslide occurred immediately following a main waterline break along the front of the structures. The regressive and prolonged failure continued over several weeks and ultimately damaged a gravity sanitary line as well as several of the structures. Work included an extensive review of several years of case records provided for the case including a review of existing utility maintenance records, historic climatologic data, river stage information and depositional testimony from many of the affected parties. A summary of professional opinion report was prepared describing a number of factors including lack of maintenance storm culverts in the area as well as an increase of saturation along the slope from the failed water main as the cause of the slide. It was determined that several of the structures were supported on previously placed fill material which was placed along the river bank in the early 1900's in

conjunction with the initial roadway construction. This coupled with the lack of maintenance and presence of deteriorated drainage culverts likely contributed to the slope failure. The initial installation of this fill material was determined through an extensive study of the historic topographic mapping of the area.

Responsible for development of geotechnical and geological recommendations as well as development of stabilization designs for many failed soil/rock slopes in West Virginia. This work included initial site reconnaissance visits, development of a subsurface exploration study and materials testing program, evaluation of stabilization alternatives, and construction plan preparation.

Travelers Insurance/City of Charleston – Project included a subsurface exploration study, engineering design, and global stability evaluation of a failed soil slope in a residential neighborhood on Bona Vista Drive for the City of Charleston, West Virginia. The slide was caused by a water main break along an existing residential neighborhood paved roadway. The recommended slope stabilization method was to install a soldier beam and lagging retaining wall along an existing paved roadway (supporting the buried utilities) with the remainder of the failed slope below being removed and replaced with compacted soil backfill.

Stone Energy Pribble Tank – Work included the exploration and study of a failed soil/weathered rock slope which was loaded through the placement of fill near the top of the slope to provide adequate area for the construction of 2- 2,400,000-gallon water storage tanks in New Martinsville, West Virginia. Shortly following the installation of the tanks, a large section of the hillside failed leaving one of the tank foundation partially unsupported. Following the subsurface exploration and drilling work, a stabilization plan was developed which included the removal of the failed soil mass (>50,000 CY) followed by the replacement of compacted soil material behind a large toe key and buttress. The repair also included surface diversion drainage ditches and numerous bond benches along the underlying rock line which were fitted with under drains to collect subsurface seepage.

NiSource/Columbia Gas Pipeline Group SM-80 Loop Gas Transmission Line – Development of a subsurface exploration and drilling plan to determine the extent and depth of a soil and weathered rock slope failure which threatened the performance and stability of a 30-inch high

pressure natural gas transmission line in Kanawha County, West Virginia. The slide location was remote and situated along a steep hillside. The stabilization plan recommended the use of soil nail technology due to the remote location and rather inaccessible nature of the location. This repair and stabilization technique allowed for the in-situ repair of the failed slope without extensive excavation and backfill which was deemed difficult and would have required more land disturbance resulting in additional slope stability concerns.

EQT Rockport #7244 Natural Gas Storage Well Pad – Project involved the assessment and repair recommendations for a section of failed fill slope immediately below existing and active natural gas storage well near the community of Rockport in Jackson County, West Virginia. The failed slope was caused by improper surface drainage control along the pad and access road. The stabilization plan included the excavation and removal of the failed slope following “shut-in” of the storage well. The upper failure scarp was situated immediately adjacent the well head which was protected during the stabilization work. Following installation of a rock toe buttress and key way, the failed soil material was amended using lime to reduce the moisture content which was required to achieve the recommended in place density during placement and compaction. Following the regrading effort, the slope was trimmed and seeded followed by the grading a several diversion and collection ditched to control runoff from the upper portion of the hillside below the well pad.

City of Charleston – Geotechnical assessment and development of regrading construction plans for the repair of a failed soil slope below Grandview Drive for the City of Charleston, West Virginia. The slope failure occurred between two adjacent residential structures and encompassed a sanitary sewer main as well as a storm drainage pipe receiving storm drainage from Grandview Drive. The stabilization plan involved the removal of the failed mass beginning at the toe of the slope and then working progressively upslope to result in a stabilized and regraded slope surface. The work required the removal of all failed material to the underlying rock surface and included the installation of a shot rock toe buttress which was installed along a natural topographic bench near the toe. Following completion of the work the affected utilities were installed either below the fill material or outside the regraded slide area.

Greer Industries Cheat River Quarry Haulroad – Project included the development of stabilization and repair recommendations for a failed soil slope which impacted a critical haulroad utilized by the quarry operator to move raw shot rock material from the quarry to the crusher at the aggregate plant in Rowlesburg, West Virginia. The landslide occurred because of the failure of a cross drainage culvert in the haulroad. The failed soil mass was removed to the underlying bedrock and following installation of a stone toe buttress and toe key, the material was blended with aggregate material from the plant and placed in compacted lifts. The underlying rock surface was excavated to result in a series of “bond benches” allowing for the installation of underdrains below the compacted fill to collect groundwater and seepage from the underlying rock. This prevented saturation of the fill material.

Responsible for the design, management, and inspection of a geotechnical investigation of a proposed five-mile rail extension located in Nicholas County, West Virginia. Investigation included study and design of planned rock cuts, and track foundation materials.

General Services Administration – Site evaluation, including continuous HNU scanning of collected soil samples and installation of piezometers for two proposed sites near Charleston, West Virginia.

West Virginia Department of Environmental Protection – Foundation design for a proposed 1,000,000-gallon potable water storage tank and valve pit near Cassidy, West Virginia.

Rhone Poulenc Ag Company – Subsurface sample collection, resistivity measurements, explosivity measurements, and decontamination procedures for an organic contamination study at Institute, West Virginia.

Preparation of foundation investigations for several large structures including a parking garage and student housing complex at Marshall University in Huntington, West Virginia. Tasks included development of subsurface exploration program, soils/rock sampling, testing program, and preparation of a final geotechnical report.

Roadway Design

Geotechnical engineer for various bridge and highway projects including:

- North Bridgeport Bypass
- McDowell County Schools
- Corridor H
- Dundon Bridge
- Sulphur Springs Bridge Replacement
- Smith Creek Bridge
- Martha Truss Bridge
- Martha Concrete Girder Bridge Replacement
- Dry Run Interchange
- I-81 Upgrade
- Platinum Drive
- Kenna Ridge Business Industrial Park/Access Road

Hardy County Rural Development Authority – Engineering services for the study, design, and preparation of construction contract plans, related documents, and construction oversight services for an industrial access road for the Baker Business Park District.

Roane County Development Authority – Site development construction documents for National Industrial Wholesale Lumber located in Roane County’s industrial park.

ZMM – Site design and engineering for a new elementary school and new high school in Bradshaw, West Virginia on the site of an existing elementary school.

West Virginia Department of Highways – Evaluation of subsurface conditions including both soil and rock to provide geotechnical recommendations related to potential bridge abutment foundation systems near Martinsburg, West Virginia. Alternatives included both shallow and deep foundations. Deep foundations were required at several abutments due to voids encountered in limestone bedrock.



EDUCATION

M.S. Environmental Science, 2008
Marshall University

B.S. Safety Technology, 1999
Marshall University

EMPLOYMENT HISTORY

2000-Present Potesta & Associates, Inc.
1997-2000 Clearon Corporation

PROFESSIONAL REGISTRATIONS

- Licensed Remediation Specialist – West Virginia
- Certified Monitoring Well Driller – West Virginia

PROFESSIONAL CERTIFICATIONS

Hazardous Waste Operations and Emergency Response – 40-hour

AREAS OF SPECIALIZATION

Educational background in industrial health/safety and environmental science. Highly experienced with West Virginia Voluntary Remediation and LUST Programs, RCRA, and CERCLA/USEPA Brownfields. Project management and field experience includes site assessment and remediation of commercial, industrial, and residential sites; environmental emergency response; and hazardous waste management.

PROFESSIONAL EXPERIENCE

Hazardous Waste/RCRA/Corrective Action

RCRA compliance assistance regarding waste analysis, recordkeeping, storage areas, applicable exemptions, and point of generation issues. Have also managed large amounts of hazardous and non-hazardous wastes as part of remediation projects.

ESAs (Phase I and II)

Phase I Environmental Site Assessments (ESAs) on various types of sites, including:

- Large land transaction totaling over 145,000 acres.
- Former industrial sites as part of a USEPA Brownfields Assessment Grant.
- Numerous active and former industrial and commercial facilities.
- Undeveloped and residential properties.

Phase II/Sampling ESAs, including soil boring advancement and sampling, monitoring well installation and sampling, surface water sampling, and soil gas sampling:

- West Virginia Voluntary Remediation Program (VRP).
- West Virginia Leaking Underground Storage Tank (LUST) Program.
- Ohio Bureau of Underground Storage Tank Regulation (BUSTR).
- Resource Conservation and Recovery Act (RCRA) Corrective Action.
- Comprehensive Emergency Response, Compensation, and Liability Act (CERCLA) Site Assessment and United States Environmental Protection Agency (USEPA) Brownfields.
- Environmental emergency response (petroleum and chemical spills related to transportation incidents), typically performed under state environmental response or enforcement programs.
- Property transaction-related (*i.e.*, due diligence or baseline ESAs).

Remediation

Experienced with remediation of sites impacted by petroleum, volatile and semi-volatile organics (including

chlorinated solvents), metals, dioxin, and polychlorinated biphenyls (PCBs). Experience with bioremediation (aerobic and anaerobic), excavation, slurry walls, solidification/stabilization, pump and treat, soil vapor extraction, dual phase extraction, capping, and institutional controls.

Environmental Emergency Response

Performed and/or managed environmental response, assessment, and/or remediation on over 40 transportation related incidents in West Virginia, Kentucky, Ohio, Pennsylvania, and Virginia. These have included response to and assessment and remediation of releases from chemical and petroleum tankers and fuel tanks, transfer and/or removal of cargo, and coordination with regulatory agencies and affected property owners.

- Gasoline tanker release of over 3,500 gallons in northern Kentucky onto private property and railroad right of way (ROW). Remediation included excavation of soil and subsurface injection of a bioremedial compound on both sides of railroad ROW.
- Formaldehyde tanker release of 4,500 gallons in western Virginia. Project included initial containment, sampling and monitoring of groundwater contamination, soil remediation, hazardous waste characterization and disposal, US Army Corps of Engineers permitting for access roads, and ambient air sampling.
- Gasoline tanker release of over 3,000 gallons to frozen stream in central Ohio. Remediation included excavation of impacted areas of streambed (with United States Army Corps of Engineers approval) and additional soil, and subsurface injection of a bioremedial compound.
- Trailer load of white paint spilled adjacent to an interstate highway in West Virginia. Remediation included onsite solidification and removal of free liquids.
- Acid and caustic releases requiring stabilization of remaining load and on-site neutralization and removal of spilled material.
- Errant deliveries of products resulting in spills or damage to facility and/or inventory.
- Chemical lime spill to stream in western Virginia requiring long-term biological monitoring.

Additional Experience

Storage Tanks:

- Oversight of removal of USTs in West Virginia, Ohio, and Michigan, and management of UST components from over 30 sites in support of litigation.
- Compliance assistance and management of UST removals.

Biological Studies and Sampling:

- Performed surface water and sediment sampling and benthic invertebrate collection as part of an evaluation of environmental impact of a coal slurry spill.
- Performed baseline water quality sampling for several projects as part of mixing zone and metals translator studies.

Industrial Health and Safety:

- Served as Health and Safety Officer for several WV VRP RCRA and Corrective Action projects.
- Developed Health and Safety Plans for sampling activities for numerous types of projects.

File Review/Environmental Audits:

- Participated in review of more than 1,000 state CERCLIS files as an audit for West Virginia Department of Environmental Protection file system.
- Managed compliance audit field team for client with numerous facilities throughout West Virginia.

EDUCATION

AASHTO National Transportation Leadership Institute, 2010
Indiana University

B.S. Civil Engineering, 1989
West Virginia Institute of Technology

B.S. Engineering of Mines, 1980
West Virginia University

EMPLOYMENT HISTORY

2018-Present	Potesta & Associates, Inc.
2018	TRC Companies, Incorporated
1999-2017	West Virginia Department of Transportation, Division of Highways
1998-1999	Engineering Design Group
1989-1998	City of Charleston, West Virginia
1987-1989	Self-Employed – Mining and Construction
1986-1987	Peabody Coal Company
1983-1986	Self-Employed – Mining Consultant
1980-1983	ARMCO, Inc.

PROFESSIONAL REGISTRATIONS

- Professional Engineer – West Virginia
- Professional Surveyor – West Virginia

AREAS OF SPECIALIZATION

Mining and civil engineering, surveying and Public Works construction and administration. Experience in underground coal mining, broad spectrum urban engineering/construction/administration, highways project engineering/construction, disaster recovery, public and media relations, and interaction with state and federal agencies, legislators, and Congressional Representatives.

PROFESSIONAL EXPERIENCE

Roadway Design

West Virginia Department of Transportation, Division of Highways – Division Director for the oversight of policy and procedures and the Maintenance Management System for DOH Operations and Maintenance. Management of

several administrative sections and associated programs with approximately 50 staff:

- Bridge Evaluation Section - Primary work is administering the National Bridge Inspection Standards (NBIS) Program including oversight of the District Bridge Departments' compliance. Implemented an inspection QA/QC program that FHWA recommends to other DOT Bridge Programs. Implemented InspectTech database software for inspection reporting. Implemented Element Level inspection and reporting. Oversize Hauling Permit Unit for heavy trucks.
- Asset Management Section
- WVDOH Pavement Management System
- Transportation Asset Management Plan – Assisted with scoping through consultant selection, scope includes development of a Bridge Asset Management System.
- Resource Management Section - Procurement contracts, Encroachment Permits and Bonds administration and database.
- Operations Section: Buildings and Grounds Program, Core Maintenance Program, Disaster Recovery Coordination (FEMA and FHWA-ER), Oil and Gas Policy and Bond Agreements working two engineers and two clerical staff to monitor well drilling and pipeline activities.
- WVDOH Oil and Gas Policy – assisted the State Highway Engineer in writing and interpreting policy and rules for managing oil and gas industry activities on the state highway system.
- WVDOH Voting Member of the AASHTO Subcommittee on Maintenance, 2013-2017
- WVDOH representative on the Clear Roads Winter Maintenance Research Group 2011-2015
- WVDOH representative on AASHTO Snow and Ice Cooperative Program (SICOP) 2016-2017

West Virginia Department of Transportation, Division of Highways, Engineering Division – Regional Project Manager working with DOH Districts 1, 2, and 3 monitored design project scope, schedules, and budgets. Reviewed plans for construction means and methods before PS&E.

West Virginia Department of Transportation, Division of Highways, Engineering Division, Technical Section, Hydraulics and Section 404 Permit Unit – Unit Leader to supervise the creation and staffing of this new unit to

upgrade DOH compliance with the Clean Water Act, NEPA, Sections 404 and 401 Permitting and other environmental regulations while providing technical resources for hydraulic evaluations and design of stream and wetland mitigation projects. Scoped and supervised the first stage of a complete update of the DOH Hydraulics and Drainage Manual.

West Virginia Department of Transportation, Division of Highways, Engineering Division, Technical Section – Construction Troubleshooter working with the DOH Contract Administration Division on construction and fabrication problems with latitude to expedite solutions. As Hydraulics Engineer, justified the creation of a Hydraulics and Permit Unit within the Technical Section.

As City Engineer for the City of Charleston:

- Managed office of 5 - 8 staff with 2 engineers and \$4 to \$17 Million annually in project development and construction: landslides, drainage, city landfill, roads and streets, bridges, parks, parking buildings and other urban infrastructure.
- Conceived the design that allowed the City to build and keep a solid waste landfill that is still operating. At construction in 1993, this was the largest public works project in City history at an initial construction cost of approximately 17 million dollars.

Coordinated daily assignments and inspection services of 12-14 inspectors in the construction of four bridges and approximately 14.5 miles of Limited Access Highway for US 35 Design-Build Upgrades Projects in Putnam and Mason Counties, West Virginia.

- Reviewed and approved Inspector's Daily Reports
- Regular field review of work in progress
- Frequently provided interpretation of WVDOH Standard Specifications and Project Plans for the inspectors and contractors
- Made recommendations for plan changes and improvements.



and right-of-way plans; and municipal water and wastewater projects.

PROFESSIONAL EXPERIENCE

Geotechnical

Engineer responsible for performing subsurface investigations, preparation of geotechnical reports, coordinating laboratory analysis programs, providing recommendations for lateral earth pressures, bearing capacities, modulus of subgrade reactions, settlements, and construction specifications for multi-story structures. Foundations considered have included steel H-piles, auger-cast piles, drilled piers, spread footings, and mat foundations:

- MedExpress Administrative Office – Morgantown, WV
- Chemours Fire Station – Washington, WV
- Camp Dawson Two New Buildings – Kingwood, WV
- Dental Spa – Morgantown, WV
- Marshall University Baseball Stadium – Huntington, WV
- Citizen's Bank – Buckhannon, WV
- Miners & Merchants Bank – Davis, WV
- Davis & Elkins College Myles Center Addition – Elkins, WV
- Buzz Foods Addition – Charleston, WV
- Solvay Wastewater Treatment Plant Clarifier – Marietta, OH
- Black Oak Office Building – Morgantown, WV
- Davis & Elkins College Harper McNeeley Waterproofing – Elkins, WV
- Family Dollar Store – Berkeley Springs, WV
- Rubbermaid Distribution Center Addition – Winchester, VA
- WVU Transportation Center/Parking Garage – Morgantown, WV
- 4 West Water Treatment Plant – Greene County, PA
- CA Ventures (9 story student housing building) – Morgantown, WV
- Copper Beech Student Housing (included 31 buildings, parking areas, and 11,250 linear feet of retaining walls) – Morgantown, WV
- Sunnyside Commons Student Housing (included three multi-story buildings, parking, and 43,000 sq. ft. of retaining walls) – Morgantown, WV

EDUCATION

- M.S. Civil Engineering, 1995
West Virginia University
- B.S. Civil Engineering, 1993
West Virginia University

EMPLOYMENT HISTORY

- 2003-Present Potesta & Associates, Inc.
2000-2003 CTL Engineering, Inc.
1997-2000 Potesta & Associates, Inc.
1994-1997 Terradon Corporation

PROFESSIONAL REGISTRATIONS

Professional Engineer – West Virginia, Virginia

PROFESSIONAL CERTIFICATIONS

Professional Engineer – West Virginia, Pennsylvania, Maryland, Ohio, and Kentucky

AREAS OF SPECIALIZATION

Involved with many aspects of civil engineering with a special interest in the geotechnical/environmental aspects. Responsibilities have included projects involving Civil/Site Design; Geotechnical Design, Solid Waste Management Facility Design, including geosynthetic applications; hydrologic and hydraulic design; transportation/highway projects, including geotechnical

- WVU Engineering Building East Addition – Morgantown, WV
- Potomac State College Admissions Building Addition – Mineral County, WV
- Glenville State College Health & Sciences Building – Gilmer County, WV
- Glenville State College Residence Hall – Gilmer County, WV
- Christy Street Office Building – Morgantown, WV
- Harry Green Nissan Dealership Building Addition – Harrison County, WV
- Elkins Dodge Dealership – Randolph County, WV
- Sam's Club Fueling Station – Clarksburg, WV
- Wal-Mart Fueling Station – Connellsville, PA
- Cheat Lake Elementary School Building Addition – Monongalia County, WV
- Churchhill Village Housing Project – Monongalia County, WV
- R.E. Michel HVAC Commercial Building – Monongalia County, WV
- ICM Islamic Center – Morgantown, WV
- Catlettsburg Refining Company – Alkylation and Wastewater Control Room – Catlettsburg, KY
- WVARNG Camp Dawson Fueling System – Kingwood, WV
- MEPCO Dock Expansion Project – Morgantown, WV
- West Run Student Housing (includes 16 buildings, parking areas, and 50,000 sq. ft. of retaining walls) – Morgantown, WV
- Fairmont Federal Credit Union – Bridgeport, WV
- Morgantown Waterfront Marina – Morgantown, WV
- Residence Inn – Morgantown, WV
- Suncrest Executive Office Plaza and Parking and Garage – Morgantown, WV
- WVU Research Park – Morgantown, WV
- View at the Park Apartment Complex – Morgantown, WV
- Marriott Hotel – Morgantown, WV
- Bucks Tavern – Morgantown, WV
- Stouts Run United Methodist Church Addition – Parkersburg, WV
- Fairfield Inn Hotel – Fairmont, WV
- Wendy's Restaurant – Morgantown, WV
- Sunoco Service Station – Robinson Township, PA
- St. Stephen Baptist Church – Morgantown, WV
- Islamic Center – South Charleston, WV
- Oak Hill Public Library – Oak Hill, OH
- Westside High School – Oceana, WV
- WVARNG Readiness Center – Summersville, WV
- Student Housing Facility, Parking Garage, Library/Information Center, Student Center Addition, Jomie Jazz Center, and Child Care Center for Marshall University – Huntington, WV
- U.S. Equipment Distributors – Huntington, WV
- PC WV #2 and #3 – Pace Carbon Fuels – Summersville and Eckman, WV
- WVU Luxury Box for Mountaineer Field – Morgantown, WV
- Marshall University Mid-Ohio Valley Center – Point Pleasant, WV
- Arbor Terrace Assisted Living Facility – Charleston and Huntington, WV
- Pocahontas County PSD Wastewater Treatment Plant – Snowshoe, WV
- Pt. Marion Water Tank Replacement – Pt. Marion, PA
- Monongalia General Hospital and Access Road – Morgantown, WV
- Kasson Elementary/Middle School Repair Project – Kasson, WV
- North Marion Vocational/Technical Center School Repair Projects – Marion County, WV
- Monongalia County Public Office Building – Morgantown, WV
- Numerous Cell Phone Towers in WV, PA, and MD
- Numerous Natural Gas Compressor Stations Pads and Additions:
 - EQT – Logansport Compressor Station Addition – Wetzel County, WV
 - EQT – Plasma Compressor Station Pad – Monroe County, OH
 - EQT – Corona Compressor Station Pad – Wetzel County, WV
 - EQT – Gemini Compressor Station – Geotechnical Feasibility – Marion County, WV
 - EQT – Gemini Interconnect Pad – Marion County, WV
 - Basic Systems, Inc. – Waynesburg Compressor Station Addition – Greene County, PA
 - Basic Systems, Inc. – Gettysburg Compressor Station Addition – Adams County, PA
 - Basic Systems, Inc. – Greencastle Compressor Station Addition – Franklin County, PA
 - Basic Systems, Inc. – Files Creek Compressor Station Addition – Randolph County, WV
 - Basic Systems, Inc. – Smithfield Compressor Station Addition – Wetzel County, WV
 - Dominion Transmission – Crayne Compressor Station – Green County, PA
- Numerous Marcellus Well Pad Sites – Northern WV:
 - Stone Energy – Mills Wetzel #3 Well Pad – Wetzel County, WV

- Stone Energy – Conley Well Pad – Wetzel County, WV
- Stone Energy – Langmyer Pad – Wetzel County, WV
- Mountaineer Keystone – Mackey-Wolfe Well Pad – Barbour County, WV
- Chesapeake Energy – Rayle Coal Co. Well Pad – Ohio County, Wv
- Numerous Residential Geotechnical Projects – Charleston and Morgantown, WV
- Geotechnical Recommendations for Natural Gas Transmission Lines including Horizontal Directional Drilling Projects:
 - EQT Midstream – H-310 Coal Refuse Area – Monroe County, OH
 - EQT Midstream – Harrison County HDD – Harrison County, WV
 - EQT Midstream – Ohio River HDD – Wetzel County, WV and Monroe County, OH

Responsible for the coordination of subsurface investigation, laboratory testing program, slope stability analysis, and preparation design documents associated with the repair of landslide at various site throughout West Virginia. Representative designs have included soldier beam and lagging retaining walls, gabion basket retaining walls, segmental block retaining walls, rock toe keys and buttresses, and drainage improvements. The following provides a list of representative projects:

- Kinetic Park Landslide Repair – Huntington, WV
- Morgantown Parking Authority Armory Lot Retaining Wall – Morgantown, WV
- Bowser Street Landslide Repair – Town of Granville – Monongalia County, WV
- Marshall Portal Access Road Landslide Repair – Greene County, PA
- Weekley Well Pad Landslide Repair – Wetzel County, WV
- Shupbach Ridge Road Landslide Repair – Wetzel County, WV
- Mills Wetzel #2 Well Pad Landslide Repair – Wetzel County, WV
- Mills Wetzel #2 Road Landslide Repair – Wetzel County, WV
- Potts Well Pad Landslide Repair (2 separate landslides) – Wetzel County, WV
- Haynes Branch Gas Line Landslide Repair – Wetzel County, WV
- Decker's Creek Mine Stockpile Area Landslide Repair – Preston County, WV
- Wentz Freshwater Impoundment Embankment Stability Repair – Barbour County, WV

- Columbia Gas Transmission – Well #7331 Slide Repair – Elkview, WV
- Cline Tower Landslide – Winfield, WV
- Wellford Tower Landslide – Clendenin, WV
- Massie Ridge Tower Landslide – Camp Creek, WV
- Fisher Landslide – Elkview, WV
- Kennawa Landslide – Charleston, WV
- Burlew Landslide – Charleston, WV
- Lee Landslide – South Charleston, WV
- Fairmont North Tower Landslide – Fairmont, WV
- 6th Street Tower Landslide – Huntington, WV
- Joyce Landslide – Chesapeake, OH
- WVAML Tupper's Creek Emergency Landslide – Tupper's Creek, WV
- Schmidt Landslide – Gallipolis, OH
- Disposal Service, Inc. Landslide – Hurricane, WV
- Wellston High School Landslide Repair – Wellston, OH
- Pribble Tank Landslide Repair – New Martinsville, WV
- Potokoczny Well Pad Landslide Repair – Marion County, WV
- Ridgepoint Landslide Repair – Morgantown, WV

Involved with the layout of the boring plan, staking borings in the field, preparation of the boring contract documents, soliciting bids, awarding drilling contracts, monitoring of drilling operations, coordination of laboratory testing programs, preparation of boring diagrams, and preparation of subsurface exploration report foundation recommendations and slope reviews for various West Virginia Department of Transportation Projects:

- Platinum Drive Urban Connector – Bridgeport, WV
- Segment of WV State Route 2 – Moundsville, WV
- Segment of National Road – Wheeling, WV
- Segment of North Bridgeport Bypass – Bridgeport, WV
- Corridor H, Section IV – Davis, WV
- Sulphur Springs Bridge – Hundred, WV
- Dry Run Interchange – Martinsburg, WV
- Interstate 81 Hainsville, Bessemer and Tuscorora Creek Bridges – Martinsburg, WV
- County Route 24 Bridge Replacement – Jackson County, WV
- County Route 3 Temporary Bridge – Jackson County, WV

- County Route 56 Temporary Bridge – Wetzel County, WV
- County Route 28 Bridge Replacement – Ritchie County, WV
- County Route 3 Temporary Bridge – Roane County, WV

Expert Witness

Served as Expert Witness in numerous cases involving geotechnical, earthwork construction, and/or drainage issues. Many of these cases involved a review of available information, development of professional opinions, issuance of an expert report, depositions, and expert testimony.

- Solem v. Highlands of the Potomac, LLC – Shuman McCuskey Slice, PLLC – Circuit Court Berkley Co. – Civil Action 18-C-408 – Flooding (Defense)
- Liston v. Frontier West Virginia, Inc. – Bowles Rice – Circuit Court Monongalia Co. – Civil Action 16-C-279 – Flooding (Defense)
- Pauley v. Schumacher Homes of WV, Inc. – Bowles Rice – AAA – Case 01-18-0000-0240 – Foundation Construction (Defense)
- Logan County Board of Education – Bowles Rice – Circuit Court Logan County – Civil Action 17-C-11-B – Geotechnical (Plaintiff)
- JKLM Energy, LLC et. al. vs. Big Level Wind, LLC, John Hancock Life Insurance et. al. Court of Common Places of Potter County, Pennsylvania No. 86 CD 2017 – Construction, geotechnical and civil/site design associated with gas well pads (Defense)
- Wilkins, Scott v. R&R Holdings – Civil Action 15-c-295 – Flooding and drainage (Defense)
- Larry Rine, et. al. vs. Chesapeake Appalachia, LLC. Robinson & McElwee – Civil Action No. 5:11-CV-4 – Landslide on Natural Gas Well Pad (Defense)
- Bisacca v. Pennsylvania Department of Transportation, Thomas J. Dempsey, Attorney at Law – Earthwork Construction Practices (Plaintiff)
- Sven Verlinden and Lisa Verlinden v. Morgantown Utility Board, et. al. Shuman, McCuskey & Slicer, PLLC – Civil Action No. 11-C-573 – Combined Sewer Flooding (Defense)
- Russell D. Kitchen and Suzanne G. Kitchen v. Morgantown Utility Board – Shuman, McCuskey & Slicer, PLLC – Civil Action No. 11-C-745 – Combined Sewer Flooding (Defense)
- Darin O. Arnold and Sarif J. Arnold v. Morgantown Utility Board – Shuman, McCuskey & Slicer, PLLC – Civil Action No. 11-C-749 – Combined Sewer Flooding (Defense)
- Rider v. Fairmont Homes, LLC. – Flaherty, Sensabaugh & Bonasso, PLLC – Claim No. 1012802 – Landslide and Residential Construction Issues (Defense)
- Thomas A. Logston and Joanne C. Logston v. Charles E. Kolb d/b/a Kolb Excavating – A.D. Baker Homes, Inc. and Alan D. Baker, Bowles, Rice, McDavid, Graff & Love – Civil Action No. 10-C-116 – Landslide Resulting in Property Damage (Plaintiff)
- LJH, Inc. v. Quadruple S. Farms, LLC and Four-S-Development, Bowles Rice LLP – Civil Action No. 09-C-438 – Rockfall and Commercial Construction Practices (Plaintiff)
- Mingo County Airport Authority Claim Against Appalachian Paving & Aggregate, Inc. – Robinson & McElwee, PLLC – Earthwork and Construction Related Issues (Defense)
- Children’s Home of Wheeling v. Cast & Baker, et. al. Civil Action No. 06-CV-374W – Geotechnical (Plaintiff)
- Colaianni Construction, Inc. Claim for Cost Recovery Against Koker Drilling at Wetzel County Hospital, Wellness Center Addition – Spilman, Thomas & Battle – Retaining Wall Failure Resulting in Building Damage
- Hilling Enterprises, LLC et. al. v. Midtown Motors, Inc. et. al. – Civil Action No. 13-C-308 – Landslide Causing Property Damage (Defense)
- Stan-Corp v. Scott Properties, LLC. et. al – Bowles Rice LLC – Landslide Impacting Roadway and Property (Defense)
- Stephen C. Fish et. al. v. McCloy Construction et. al. – Bowles Rice, LLP – Civil Action 03-C-3050 – Structure Foundation Settlement (Plaintiff)
- Industrial Machine v. American Geotech – Bowles Rice, LLP – Civil Case 02-C-115 – Subsurface Exploration and Geotechnical Design (Defense)

- Pell, Robert K., et. al. v. SAMOA, LLC, et. al. – Claim No. 010510386236 – Drainage Related Claim (Defense)

Civil/Site Design

Project Manager/Engineer on numerous projects involving most aspects of site development. Involvement has included civil/site design, geotechnical aspects, hydrology/hydraulics, permitting, erosion/sediment control/permitting, etc.:

- Appalachian Hotel – Kingwood, WV
- Davis & Elkins College Plaza Improvement – Elkins, WV
- Citizen's Bank – Buckhannon, WV
- Citizen's Bank – Elkins, WV
- Miners & Merchants Bank – Davis, WV
- Dental Spa – Morgantown, WV
- University Place Parking Garage – Morgantown, WV
- Sunnyside Commons Student Housing Project (included 5 multi-story buildings, 268 parking spaces, and 43,000 sq. ft. of retaining walls) – Morgantown, WV
- Coombs Farm Residential Development – Morgantown, WV
- Morgan Point Residential Subdivision – Morgantown, WV
- Town of Granville Boat Ramp Project – Granville, WV
- West Run Student Housing (1,000 bed student housing Project) – Morgantown, WV
- Copper Beech Student Housing (1,000 bed student housing project) – Morgantown, WV
- Summit at Cheat Lake Residential Development – Morgantown, WV
- Summit at Greystone Residential Development – Morgantown, WV
- Sleepy Hollow Residential Development – Morgantown, WV
- Shiloh Residential Development – Morgantown, WV
- Summerfield Residential Development – Morgantown, WV
- Mayfield Estates Residential Development – Morgantown, WV
- Cheat Landing Residential Development – Morgantown, WV
- Churchill Village Complex – Morgantown, WV

- Trinity Christian School Football Field – Morgantown, WV
- Morgantown Technical Services Industrial Expansion – Mt. Morris, PA
- WVU Beechhurst Parking Lot – Morgantown, WV
- Numerous Marcellus Well Pad Sites for Various Clients – Northern WV

Construction Monitoring

Project Manager/Engineer involved with and/or responsible for construction observation/testing on numerous construction projects. These projects routinely involved earthwork testing utilizing a nuclear density gauge and other test methods during earthwork placement and compaction. Many projects also included concrete testing including slump, comprehensive strength, air entrainment and/or floor flatness testing. The following is a summary of projects involving construction observation and testing:

- Sunnyside Commons Student Housing Project – Morgantown, WV
- Family Dollar Store – Smithfield, PA
- University Place Parking Garage – Morgantown, WV
- Church Hill Village Housing Project – Morgantown, WV
- Mills Wetzel #3 Well Pad – Wetzel County, WV
- Shupbach Ridge Road Landslide Repair – Wetzel County, WV
- Potts Landslide Repairs – Wetzel County, WV
- Pribble Tank Landslide Repair – Wetzel County, WV
- Potokczny Landslide Repair – Marion County, WV
- Tucker County Industrial Park – Tucker County, WV
- Pocahontas County Landfill Cell 3 Expansion – Pocahontas County, WV
- Disposal Services Landfill Expansion Area – Hurricane, WV
- Platinum Drive Urban Connector Landslide Repair – Bridgeport, WV
- Trinity Christian School Football Field – Morgantown, WV
- Kasson Elementary/Middle School Pyrite Remediation Project – Barbour County, WV

- City of Philippi Water Improvement Project – Barbour County, WV
- Mackey Wolfe Well Pad – Barbour County, WV
- Morgantown Technical Services Expansion – Mt. Morris, WV
- Lakin Correctional Center – Wood County, WV
- Western Regional Jail – Cabell County, WV
- Merrick Creek Farm Commercial Development – Cabell County, WV

Served as the Manager responsible for equipping and staffing a fully operational soils and concrete material testing laboratory to be used in support of construction observation projects. The laboratory became validated by the U.S. Army Corps of Engineers to perform approximately 45 ASTM test methods will under Mr. Sharp's direct supervision. Representative test methods included standard and modified proctors, Atterburg limits, grain size determination, aggregate sieve analysis, specific gravity, organic matter, lightweight particles, soil classification, compressive strength, and moisture content determinations. Establishment of the laboratory also included the preparation of a site-specific quality systems manual in accordance with ASTM guidelines.

D. MARK KISER, P.E., L.R.S.
Chief Engineer, Licensed Remediation Specialist



EDUCATION

B.S. Civil Engineering, 1984
West Virginia University

EMPLOYMENT HISTORY

1997-Present Potesta & Associates, Inc.
1995-1997 Terradon Corporation
1984-1995 GAI Consultants

PROFESSIONAL REGISTRATION

- Professional Engineer – West Virginia
- Licensed Remediation Specialist – West Virginia

PROFESSIONAL CERTIFICATION

- Hazardous Waste Site Operations and Superfund
- Worker Protection Training, 40-Hour Training
- Supervisory Training and Annual Refreshers
- Troxler Nuclear Densometer Certification

SERVICE ON BOARDS AND COMMISSIONS

Commissioner – Sissonville Public Service District

AREAS OF SPECIALIZATION

Environmental assessments, environmental sampling and remedial programs, conceptual and final designs for chemical, utility, and municipal solid waste disposal sites, including liner systems, leachate management systems,

stormwater management systems, operational plans and capping/closure systems, abandoned mine land reclamation projects, sludge stabilization and basin/pond closure projects, environmental permitting, hydrologic and hydraulic analyses, quality assurance/quality control monitoring.

PROFESSIONAL EXPERIENCE

Civil/Site Design

Ridgeline, Inc./Cabela's – Retained by developer and Cabela's to provide civil engineering design services for a new Cabela's store in Charleston, West Virginia.

- ALTA survey
- Subsurface exploration
- Grading plan including balanced cut and fill for the building pad, parking fields, and access roads.
- Stormwater collection system design including curb inlets, catch basins, and culverts.
- Pavement design.
- Utility extension designs including sanitary sewer, potable water, fire service, natural gas, underground electric, underground telephone, and underground cable television.
- Permitting services
- Support for local approvals including approval from Charleston Municipal Planning Commission as a Development of Significant Impact and building permit to allow construction to begin.
- MM-109 permit to allow for connection of the store's new roadway with the existing public roadway.

Fieldcrest Subdivision – Project manager/engineer for development of a nine-lot subdivision in Charleston, West Virginia. Design and permitting/regulatory approvals for infrastructure, including new street, sanitary sewer main, water main, stormwater, electric, telephone, cable, and natural gas. Preparation of drawings/specifications for necessary governmental agency approvals and for solicitation of bids. Inspection and certification of completed sanitary sewer system.

Connell Pointe Subdivision – Project manager/engineer for development of an eleven-lot subdivision in Charleston, West Virginia. Design and permitting/regulatory approvals for infrastructure, including new street, sanitary sewer main, water main, natural gas service, stormwater, electric, telephone, and

cable. Preparation of drawings/specifications for governmental agency approvals and for solicitation of bids. Inspection and certification for completed sanitary sewer systems.

Conner Drive Townhouses – Project manager/engineer for development of 13 townhouse lots just outside of Charleston, West Virginia. Planning, surveying, design, and regulatory approvals for infrastructure, including new street, stormwater management system, sanitary sewer main, water main, electric, natural gas, telephone, and cable.

Gettysburg Subdivision – Project manager/engineer for an 18-lot subdivision located in Kanawha County, West Virginia. Design, surveying, and regulatory approvals for infrastructure, including new street, sanitary sewer main, water main, stormwater management system, electric, natural gas, telephone, and cable. Preparation of drawings/specifications for solicitation of bids. Inspection and certification of the sanitary sewer collection system and pump station.

Yorktowne Subdivision – Project engineer for development and construction phase services for a 50-lot subdivision in Charleston, West Virginia. Design of streets, lots, stormwater management systems, sanitary sewer mains and pump stations, water mains, underground electric, natural gas, telephone, and cable.

City of Charleston – Feasibility study for the replacement of the CSX Ramp in Charleston, West Virginia.

Villages at Coolfont – Project manager for project in Morgan County, West Virginia, which included planning, engineering, and permitting associated with developing a second home community on 1,000 acres near Berkeley Springs, West Virginia. Project included:

- Potable water supply source (wells), treatment plant, storage and distribution system
- 0.44 MGD MBR wastewater treatment plant and sanitary sewer collection system
- Community roadways and storm sewer systems
- Detailed plans for the water and wastewater treatment plants and the distribution allocation system serving the first 124 homes
- Permits were obtained for the water and wastewater plants

Project engineer for development of Suncrest Subdivision in Charleston, West Virginia. Project included engineering and permitting for a new residential subdivision including roadway, underground electric, telephone, cable, water, sanitary sewer and storm water. Sanitary sewer system was designed, constructed, and monitored under the terms of an alternate mainline extension agreement with the Charleston Sanitary Board.

Business and Industrial Development Corporation – Preparation of Utility Extension and Roadway Paving Plans for Southridge Centre - Phase 2 area. Project included preparation of bidding/construction drawings to provide natural gas, water, sanitary sewer, telephone, and cable television serving four commercial lots and a 50-lot proposed subdivision. All utilities were underground. The length of the project was approximately ½ mile. The project also included roadway paving and stormwater drainage.

Development of a conceptual development plan for a mixed-use industrial park. The evaluation included developing preliminary alignments for two access roadways including earthwork requirements, drainage, subbase, and paving with preliminary cost estimates. Total length of road was over 5 miles. The evaluation also included preliminary layout of water and sewer service for a proposed 400-acre development.

Plasma Processing Corporation – Preparation of permit to construct and site development plan for a secondary aluminum processing facility startup in Jackson County, West Virginia.

Utility relocation plans required for site development, waterline, and sewer construction projects. Projects included determination of utility locations by records review, utility contacts, and surveying. Designs were prepared including locations, details, and pavement replacement. Design also included obtaining approvals from West Virginia Division of Highways and the owners of the utilities.



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

Dana L. Burns

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 and the Seal of the Board at the Capitol in the City of Charleston this 17th day of Sept. in the year of our Lord One Thousand Nine Hundred and Eighty Five and of the State the One Hundred Twenty-Second

STATE BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS

[Signature]

Secretary

By

Robert O. Scott President

Frank Gaddy

Walter P. Fisher

Kenneth H. Moore

Renewal



West Virginia
Department of
Environmental Protection

GROSE, CHRIS A
Licensed Remediation Specialist
Registration Number [REDACTED]

Patricia O. Helman

Director, Division of Land Restoration

02/06/2016 - 02/05/2018

Date Issued - Date Expires

Renewal



West Virginia
Department of
Environmental Protection

CORSARO, DAVID
Licensed Remediation Specialist

Registration Number: [REDACTED]

A handwritten signature in blue ink, appearing to read "David P. [unclear]".

Director, Division of Land Restoration

03/30/2018 - 03/29/2020

Date Issued - Date Expires

2020

WEST VIRGINIA PROFESSIONAL SURVEYOR

2020

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, 2020.

WILLIE KYLE STOLLINGS, P.S.



Issued
July 1, 2019



Expires
June 30, 2020



Board Members

- Mike Shepp, PS, *Chairman*
- Sefton Stewart, PS, *Secretary*
- Tom Rayburn, PS,
- Gary Facemyer, PE, PS
- Douglas McElwee, *Esq.*

Michael Shepp *Sefton Stewart*

Executive Director
Kristi Justice

2020

State of West Virginia Board of Professional Surveyors



WILLIE KYLE STOLLINGS, P.S.

Issued:
July 1, 2019
Expires:
June 30, 2020

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, 2020

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

The State of West Virginia

THE 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, expressing special confidence in
the Intelligence, Integrity and Character of

David B. Sharp

~~Does in Person~~ ~~is an incompetent~~ ~~Whoever he is~~
by law being worthy that he do enjoy and exert
with due confidence of his ability and experience, as 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 and the seal
of the Board at the Capitol in the
City of Charleston
this 23rd day of July in the
year of our Lord One Thousand
Nine Hundred and Twenty-one
and of the State the One Hundred
Thirty-sixth

THE BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS

Handwritten signatures:
[Signature 1] [Signature 2] [Signature 3]



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

David M. Kiser

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 and the Seal of the Board at the Capitol in the City of Charleston this 15th day of March in the year of our Lord One Thousand Nine Hundred and Ninety and of the State the One Hundred Twenty sixth.

STATE BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS

[Handwritten signature]

Secretary Kenneth H. Means By Frank Gaddy President Arthur B. Hall

West Virginia Ethics Commission
Disclosure of Interested Parties to Contracts

(Required by W. Va. Code § 6D-1-2)

Name of Contracting Business Entity: Potesta & Associates, Inc.

Address: 7012 MacCorkle Avenue, SE, Charleston, WV 25304

Name of Authorized Agent: Dana L. Burns Address: 7012 MacCorkle Avenue, SE, Charleston, WV 25304

Contract Number: CEOI 0310 DNR2000000005 Contract Description: A/E Services for DNR Lead Management Plan Project

Governmental agency awarding contract: Division of Natural Resources Parks & Recreation

Check here if this is a Supplemental Disclosure

List the Names of Interested Parties to the contract which are known or reasonably anticipated by the contracting business entity for each category below (attach additional pages if necessary):

1. Subcontractors or other entities performing work or service under the Contract

Check here if none, otherwise list entity/individual names below.

2. Any person or entity who owns 25% or more of contracting entity (not applicable to publicly traded entities)

Check here if none, otherwise list entity/individual names below.

Ronald R. Potesta
Dana L. Burns

3. Any person or entity that facilitated, or negotiated the terms of, the applicable contract (excluding legal services related to the negotiation or drafting of the applicable contract)

Check here if none, otherwise list entity/individual names below.

Signature: *Dana L. Burns*

Date Signed: 02-13-2020

Notary Verification

State of West Virginia, County of Kanawha

I, Dana L. Burns, the authorized agent of the contracting business entity listed above, being duly sworn, acknowledge that the Disclosure herein is being made under oath and under the penalty of perjury.

Taken, sworn to and subscribed before me this 13th day of February, 2020.

Rhonda R. Henson
Notary Public's Signature

To be completed by State Agency:

Date Received by state agency: _____
Date submitted to Ethics Commission: _____
Governmental agency submitting Disclosure: _____





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

State of West Virginia
 Centralized Expression of Interest
 02 – Architect/Engr

Proc Folder: 679661

Doc Description: A/E Services for DNR Lead Management Plan Project

Proc Type: Central Contract - Fixed Amt

Date Issued	Solicitation Closes	Solicitation No	Version
2020-01-21	2020-02-19 13:30:00	CEOI 0310 DNR2000000005	1

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

VENDOR
 Vendor Name, Address and Telephone Number:
 Potesta & Associates, Inc.
 7012 MacCorkle Avenue, SE
 Charleston, WV 25304
 (304) 342-1400

FOR INFORMATION CONTACT THE BUYER
 Guy Nisbet
 (304) 558-2596
 guy.l.nisbet@wv.gov

Signature X  FEIN # 31-1509066 DATE 02-13-20

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

DNR2000000005	Document Phase Final	Document Description A/E Services for DNR Lead Management Plan Project	Page 3 of 3
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ADDITIONAL TERMS AND CONDITIONS

See attached document(s) for additional Terms and Conditions

ADDITIONAL INFORMATION:

Expression of Interest
 (A&E SVC's for Public Shooting Range Improvement and Lead Management Plan)

In accordance with West Virginia Code: 5G-1-3, The West Virginia Purchasing Division is soliciting Expression(s) of Interest for the Agency, The Division of Natural Resources (WVDNR) from qualified firms to provide architectural/engineering services and other related professional services to evaluate and design Improvements to the Agencies (29) Public Shooting Ranges and provide a specific lead management plan for each site per the bid requirements, specifications and terms and conditions as attached hereto.

* Online submissions of Expressions of Interest are Prohibited*

INVOICE TO		SHIP TO	
DIVISION OF NATURAL RESOURCES PARKS & RECREATION-PEM SECTION 324 4TH AVE SOUTH CHARLESTON WV25305 US		STATE OF WEST VIRGINIA JOBSITE - SEE SPECIFICATIONS No City WV 99999 US	

Line	Comm Ln Desc	Qty	Unit Issue
1	Civil engineering		

Comm Code	Manufacturer	Specification	Model #
81101500			

Extended Description :

Architectural/engineering services and contract administration for the development of a Lead Management Plan for 29 WV DNR owned shooting ranges.

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.

Dana L. Burns Vice President

(Name, Title)
Dana L. Burns

(Printed Name and Title)
7012 MacCorikle Avenue, SE, Charleston, WV 25304

(Address)
304-342-1400/304-343-9031

(Phone Number) / (Fax Number)
dlburns@potesta.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.

Potesta & Associates, Inc.

(Company)

Dana L. Burns Dana Burns, Vice President

(Authorized Signature) (Representative Name, Title)

Dana L. Burns, Vice President

(Printed Name and Title of Authorized Representative)

02-13-20

(Date)

304-342-1400/304-343-9031

(Phone Number) (Fax Number)

STATE OF WEST VIRGINIA
Purchasing Division

PURCHASING AFFIDAVIT

CONSTRUCTION CONTRACTS: Under W. Va. Code § 5-22-1(i), the contracting public entity shall not award a construction contract to any bidder that is known to be in default on any monetary obligation owed to the state or a political subdivision of the state, including, but not limited to, obligations related to payroll taxes, property taxes, sales and use taxes, fire service fees, or other fines or fees.

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

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

DEFINITIONS:

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

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

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

AFFIRMATION: By signing this form, the vendor's authorized signer affirms and acknowledges under penalty of law for false swearing (W. Va. Code §61-5-3) that: (1) for construction contracts, the vendor is not in default on any monetary obligation owed to the state or a political subdivision of the state, and (2) for all other contracts, that neither vendor nor any related party owe a debt as defined above and that neither vendor nor any related party are in employer default as defined above, unless the debt or employer default is permitted under the exception above.

WITNESS THE FOLLOWING SIGNATURE:

Vendor's Name: Potesta & Associates, Inc.

Authorized Signature: *Dana L. Burns* Date: 02-13-20

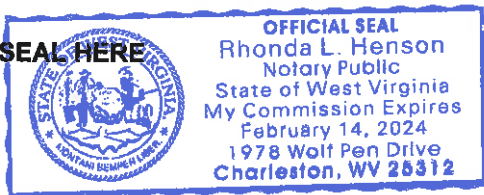
State of West Virginia

County of Kanawha, to-wit:

Taken, subscribed, and sworn to before me this 13th day of February, 2020.

My Commission expires February 14, 2024

AFFIX SEAL HERE



NOTARY PUBLIC

Rhonda L. Henson

**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 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.

Potesta & Associates, Inc.

Company

Dana L. Burns

Authorized Signature

02-13-20

Date

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

