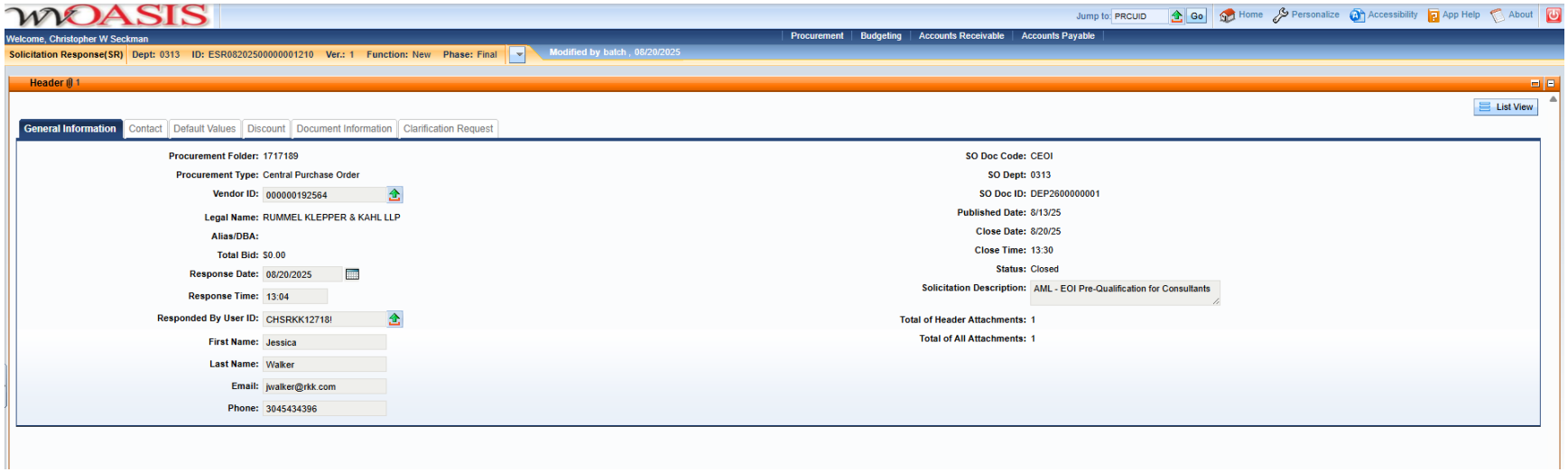
The following documentation is an electronically-submitted vendor response to an advertised solicitation from the *West Virginia Purchasing Bulletin* within the Vendor Self-Service portal at ***wvOASIS.gov***. As part of the State of West Virginia's procurement process, and to maintain the transparency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


WVOASIS
Jump to PRCUID Go
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About
Welcome, Christopher W Seckman
Procurement | Budgeting | Accounts Receivable | Accounts Payable
Solicitation Response(SR) Dept: 0313 ID: ESR08202500000001210 Ver.: 1 Function: New Phase: Final
Modified by batch , 08/20/2025
Header 1
List View
General Information
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Clarification Request
Procurement Folder: 1717189
Procurement Type: Central Purchase Order
Vendor ID: 000000192564
Legal Name: RUMMEL KLEPPER & KAHL LLP
Alias/DBA:
Total Bid: $0.00
Response Date: 08/20/2025
Response Time: 13:04
Responded By User ID: CHSRKK12718!
First Name: Jessica
Last Name: Walker
Email: jwalker@rkk.com
Phone: 3045434396
SO Doc Code: CEOI
SO Dept: 0313
SO Doc ID: DEP2600000001
Published Date: 8/13/25
Close Date: 8/20/25
Close Time: 13:30
Status: Closed
Solicitation Description: AML - EOI Pre-Qualification for Consultants
Total of Header Attachments: 1
Total of All Attachments: 1

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

State of West Virginia
Solicitation Response

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

Solicitation Closes	Solicitation Response	Version
2025-08-20 13:30	SR 0313 ESR08202500000001210	1

VENDOR

000000192564
RUMMEL KLEPPER & KAHL LLP

Solicitation Number: CEOI 0313 DEP2600000001

Total Bid: 0 **Response Date:** 2025-08-20 **Response Time:** 13:04:32

Comments:

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

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

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

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

Comm Code	Manufacturer	Specification	Model #
81100000			

Commodity Line Comments:

Extended Description:

EOI Engineering Design Services

PREQUALIFICATION FOR PROFESSIONAL CONSULTANT SERVICES

ABANDONED MINE LANDS AND RECLAMATION

CEOR 0313 DEP2600000001

West Virginia Department of Environmental Protection

August 20, 2025

RK&K

159 Plaza Drive, Keyser, WV 26726 | P 304.788.3370 | www.rkk.com

August 20, 2025

Joseph (Josh) Hager, III
West Virginia Department of Administration
Purchasing Division
2019 Washington Street
East Charleston, WV 25305

Re: AML - EOI Pre-Qualification for Consultants CEOR 0313 DEP2600000001

Dear Mr. Hager:

Rummel, Klepper & Kahl, LLP (RK&K) is pleased to submit our Expression of Interest (EOI) for pre-qualification for the West Virginia Department of Environmental Protection (WVDEP). As a multi-discipline, full-service civil engineering firm specializing in planning, design, and construction oversight, and is well-suited to contribute effectively to your initiatives.

RK&K is distinguished for its high-quality services and innovative solutions. Our firm provides a wide range of expertise in planning, design, construction engineering, inspection, and management services. With significant experience in roadway engineering, hydraulics, geotechnical engineering, surveying and mapping, and environmental services, we are well-equipped to support the objectives of WVDEP by offering appealing and cost-effective solutions for your various project needs. Our engineers, planners, geologists, and scientists are well-versed in policies and standards, ensuring close collaboration with WVDEP. We will provide professional engineering services and developing contract plans, bidding documents, and construction oversight in accordance with WVDEP's vision and requirements.

Our firm has successfully completed numerous projects similar to mine reclamation, soil analysis, and hydrology. Our team consists of highly qualified professionals, including registered engineers and specialists across various disciplines, ensuring we can meet the diverse needs of the projects outlined in your request.

RK&K has established a strong reputation for providing outstanding service on various projects across the mid-Atlantic and Southeast regions. We recognize the critical importance of adhering to project constraints - keeping the big picture in mind while making sure details are addressed. Our commitment to delivering high-quality work includes strict compliance with all applicable laws and regulations. We pride ourselves on our ability to identify and manage risks effectively and maintain open communication with all stakeholders throughout the project lifecycle.

We look forward to the opportunity to collaborate with the WVDEP and contribute to the successful reclamation of abandoned mine lands. If you have any questions regarding our enclosed EOI, contact me at 410-299-3224 or via email at natkinson@rkk.com, or contact our Contract Manager, Jeff Stanislawczyk, PE, at 304-788-3370 or via email at jstanislawczyk@rkk.com.

Sincerely,

RK&K

Nathan C. Atkinson, PE
Partner

WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION

AML CONSULTANT QUALIFICATION QUESTIONNAIRE — **Attachment "A"**

PROJECT NAME	**DATE (DAY, MONTH, YEAR)**	**FEIN**
AML - EOI Pre-Qualification for Consultants	20, 8, 2025	52-0599112

1. **FIRM NAME**	2. **HOME OFFICE BUSINESS ADDRESS**	**2. FORMER FIRM NAME**
Rummel, Klepper & Kahl, LLP	700 East Pratt Street, Suite 500 Baltimore, MD 21202	N/A

4. **HOME OFFICE TELEPHONE**	5. **ESTABLISHED (YEAR)**	6. **TYPE OWNERSHIP**	**6a. WV REGISTERED DBE** (Disadvantaged Business Enterprise)
410.728.2900	1923	_ Individual _ Corporation X_Partnership _ Joint-Venture	_YES X NO

7. PRIMARY AML DESIGN OFFICE: ADDRESS/ TELEPHONE/ PERSON IN CHARGE/ NO. AML DESIGN PERSONNEL EACH OFFICE

159 Plaza Drive, Keyser, WV 26726 / (304) 788-3370 / Jeff Stanislawczyk, PE / 0**

8. NAMES OF PRINCIPAL OFFICERS OR MEMBERS OF FIRM	**8a. NAME, TITLE, & TELEPHONE NUMBER - OTHER PRINCIPALS**
Nathan Atkinson, PE, Partner	See next page for supplement

9. PERSONNEL BY DISCIPLINE

188 ADMINISTRATIVE	3 ECOLOGISTS	6 LANDSCAPE ARCHITECTS	69 STRUCTURAL ENGINEERS
4 ARCHITECTS	— ECONOMISTS	4 MECHANICAL ENGINEERS	**18 SURVEYORS**
36 BIOLOGIST	6 ELECTRICAL ENGINEERS	— **MINING ENGINEERS**	100 TRAFFIC ENGINEERS
48 CADD OPERATORS	31 ENVIRONMENTALISTS	* PHOTOGRAMMETRISTS	424 OTHER
— CHEMICAL ENGINEERS	* ESTIMATORS	42 PLANNERS: URBAN/REGIONAL	
44 CIVIL ENGINEERS	**10 GEOLOGISTS**	66 SANITARY ENGINEERS	
660 CONSTRUCTION INSPECTORS	31 HISTORIANS	33 SOILS ENGINEERS	
34 DESIGNERS	1 HYDROLOGISTS	* SPECIFICATION WRITERS	1858 TOTAL PERSONNEL
* DRAFTSMEN			

TOTAL NUMBER OF WV REGISTERED PROFESSIONAL ENGINEERS IN PRIMARY OFFICE: 24

***RPEs other than Civil and Mining must provide supporting documentation that qualifies them to supervise and perform this type of work.**

**** Hire upon selection noted in Question 12.A**

10. HAS THIS JOINT-VENTURE WORKED TOGETHER BEFORE? ☐ **YES** ☑ **NO**

N/A

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

NAME AND ADDRESS:	SPECIALTY:	WORKED WITH BEFORE
N/A	N/A	_ Yes _ No

12. Questions A-G

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

NO *Description and Number of Projects:* No prior projects; however, RK&K has not been directly involved with mine reclamation engineering due to direct influence from prior mining operations. When focusing on restoring impacted land and water resources to a safe and environmentally sound state, RK&K has an abundance of resources and expertise available to WVDEP. RK&K offers skilled professionals including engineers, environmental scientists, surveyors, geologists, and inspection teams across an array of disciplines including geotechnical, geology, hydraulics & hydrology, groundwater, water treatment, water line, water supply, site work, stormwater management, erosion and sediment control, surveying and mapping, NEPA, natural channel design, project management, and overall project delivery. Our team of professionals can scope, design, and successfully deliver a vast range of projects that may be encountered during the length of this contract.

B. Is your firm experienced in Soil Analysis?

YES *Description and Number of Projects:* RK&K has a robust history of conducting in-house soil analysis and geotechnical investigations. Our approach begins with a comprehensive geologic literature review to identify and assess available references that characterize site soils and other factors influencing soil development and conditions. This foundational task is followed by a geotechnical reconnaissance, where our experienced geologists or geotechnical engineers evaluate and characterize the existing soil conditions. When necessary, we proceed with a detailed subsurface investigation to collect soil samples, identify site soils, assign appropriate engineering descriptions, and perform appropriate chemical and materials testing. These descriptions are critical for subsequent soil analysis and project design.

Morgan State University | Stadium Way Slope Stabilization, Baltimore, MD: RK&K conducted a comprehensive geotechnical assessment of an 80-foot-high slope, managing subsurface explorations and developing multiple repair alternatives to address significant erosion and slope stability issues.

WVDOH | US 52 Gilbert Connector Design Build, Mingo County, WV: RK&K oversaw the geotechnical design for a three-mile connector project, coordinating extensive subsurface explorations and analyses to inform design recommendations for retaining walls, embankments, and roadway stability.

MDOT SHA | Geotechnical Engineering Services, Statewide, MD: RK&K is providing statewide geotechnical engineering services under a $2.5 million open-end contract, conducting slope assessments and developing preventative maintenance strategies for various geo-concern locations throughout Maryland.

C. Is your firm experienced in hydrology and hydraulics?

YES *Description and Number of Projects:* RK&K provides numerous and various water resources services throughout the region. Our diverse project base includes federal, state, and local agencies such as state Departments of Transportation (DOTs) for Delaware, DC, Florida, Maryland, Pennsylvania, North Carolina, Virginia, West Virginia, and numerous municipalities. Our qualified staff have design experience related to stormwater runoff conveyance and treatment, geomorphic assessments and stream restoration, natural channel design, remediation design, coastal engineering, wetland restoration, floodplain analysis and management, watershed management and erosion and sediment control. RK&K professionals are proficient with a wide variety of modeling techniques, using software such as GISHydro, HEC-HMS, HEC-RAS, WINTR-55/20, HY-8, HydroCAD, XP-SWMM, PCSWMM, TUFLOW, SRH-2D and other 1-2-D modeling software to accurately predict H/H conditions within streams, rivers, channels, storm drains, and SWM facilities.

Sample Projects during the last 5 years:

WVDOH | Apple Harvest Drive Widening, Berkeley, WV: RK&K was responsible for the stormwater and drainage design for the widening of WV 45, developing quality and quantity management facilities, and coordinating with various engineering disciplines for approximately 1.07 miles of roadway.

MDSHA | I-270 Innovative Congestion Management, Montgomery & Frederick, MD: RK&K managed the design of stormwater management and drainage features for the reconstruction of I-270, which included the development of 22 facilities and extensive coordination with multiple engineering disciplines.

WVDOH | Mountain View to Gilbert Design Build, WV: RK&K was responsible for the drainage and ESC design efforts for more than four miles of roadway widening and new roadway alignment. RK&K also performed hydraulic modeling and submission of a Conditional Letter of Map Revision (CLOMR) to Federal Emergency Management Agency (FEMA). Completed multiple Stormwater Pollution Prevention Plan (SWPPPs) for different construction phases of the project and received National Pollutant Discharge Elimination System (NPDES) permit approvals from WVDEP.

MDSHA | I-695 from I-70 to MD 43 Transportation Systems Management and Operation, Baltimore City, MD: RK&K oversaw the stormwater design for the proposed improvements along a 20-mile corridor of I-695, ensuring quality control and optimization of more than 40 stormwater management facilities.

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

YES *Description and Number of Projects:* RK&K produces its own aerial photography and develops contour mapping. RK&K has extensive experience in providing high-quality surveying and mapping services, including aerial photography, for various projects. Our firm employs advanced technologies and methodologies to ensure accurate and reliable mapping solutions tailored to project needs. RK&K's capabilities include the use of state-of-the-art aerial LiDAR technology, which enhances the efficiency and quality of our mapping processes. Our team is proficient in utilizing fixed, mobile, and aerial LiDAR equipment, allowing us to deliver precise contour mapping and topographic data essential for effective project planning and execution. Additionally, RK&K has a dedicated team of professionals experienced in drainage design, stormwater management, and E&SC. This expertise is complemented by our commitment to utilizing the latest software and technology in all projects, ensuring that our deliverables meet the highest industry standards.

Sample Projects during the last 5 years:

MSHA | OPPE Transportation Innovation Services (OPPE 2013-01), Statewide, MD: RK&K conducted GIS analysis and drone missions that produced oblique photos, GIS data, aerial photos, 3D point clouds, and surface models, contributing to the identification of candidate locations for High Friction Surface Treatment along Maryland state routes.

Maryland Port Administration | CATS+ TORFP GIS On-Call Services: RK&K developed of the Port's engineering data essential for facility operations and maintenance, managed on-site staff for GIS data collection, and led the creation of applications for engineering response and archive searches, while also conducting extensive drone flights to capture orthoimagery across 2,500 acres.

Maryland State Highway Administration (MSHA) | Geotechnical Engineering Services: RK&K executed drone flights to gather oblique images and LiDAR data for the MD 51 Rockfall Mitigation project, processed the data to produce geospatial products such as contours and Digital Elevation Models (DEMs), and is currently developing Plans, Specifications, and Estimates (PS&E) for rock slope stabilization.

Maryland Environmental Services | Fishing Creek Dam Geotechnical Report: RK&K provided piloted drone flights equipped with RGB and thermal sensors for the geotechnical investigation of Fishing Creek Dam, processed the imagery to create orthoimagery and thermal products, and utilized ground control points to enhance the accuracy of the geospatial outputs, including DEMs and contours.

Johns Hopkins University Applied Physics Laboratory | GIS Services: RK&K developed the GIS system for JHU APL, converting CAD data, and performing UAS flights for aerial imagery collection, while collaborating with stakeholders to assess needs and manage the implementation of an Esri ArcGIS Online Organization, along with training staff in data management and usage.

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

YES *Description and Number of Projects*: Yes, RK&K is involved in numerous studies to evaluate the adequacy and condition of existing facilities, develop, and evaluate alternatives for new and improved facilities that best meet current and future needs of water utilities as well as identify and recommend the best program for managing water systems for development and growth. RK&K's experience relevant to the evaluation, planning, design, and construction management of water supply, pumping, transmission, and distribution systems has been documented during the past five decades at which time numerous water projects were placed into successful operation. Projects include studies and condition assessments; new construction, rehabilitation, upgrading and expansion of water treatment plants; raw water intakes; pumping stations; transmission/distribution mains; and storage facilities including raw water storage reservoirs and finished water storage tanks.

Sample Projects during the last 5 years:

Fountain Public Service District | Water System Improvements Project, Fountain, WV: RK&K prepared the design and funding applications for a $2.2M project for extending water service to previously unserved areas of Parrill Hollow that are experiencing water shortages though drought or contaminated water. RK&K is currently performing construction phase services.

New Creek Water Association | Water System Improvements, Mineral County, WV: RK&K performed the study and design of approximately 9.5 miles of water main replacement, rehabilitation of an existing water booster station, construction of a new water booster station, construction of a 319,000-gallon water storage tank, and new and replacement of numerous commercial and residential water services.

Frankfort Public Service District | Fort Ashby Water Treatment Plant Upgrades, Wiley Ford, WV: RK&K performed an extensive evaluation of the water system from source to tap which developed into multiple projects totaling over $12M in capital improvements. Projects varied from water line extensions and replacements, rehabilitation of existing booster stations and the existing water treatment plant, construction of new water tank and well water treatment facility, development of new water sources. RK&K perfomed the design, bidding, and construction phase services.

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

NO *Description and Number of Projects:* None. However, our professionals included in this proposal have prior experience and a working knowledge of AMD assessment and mitigation.

G. Is your firm experienced in Construction Oversight?

YES *Description and Number of Projects:* Yes, RK&K is highly experienced in construction oversight. Our firm manages approximately 20 projects annually for WVDOH, overseeing from start to finish. In addition, RK&K provides CM/CI services to an average of five water and wastewater projects each year, ensuring that all aspects of construction are executed to the highest standards.

RK&K currently employs a dedicated team of 15 construction inspectors in West Virginia, each possessing extensive experience across various disciplines. This diverse expertise enables us to effectively monitor project progress, ensure compliance with specifications, and maintain quality control throughout the construction process. Our inspectors are equipped with the necessary tools and training to address the unique challenges presented by each project, further enhancing our capability to deliver successful outcomes for our clients. Our commitment to construction oversight is reflected in our comprehensive approach, which includes regular site inspections, constructability reviews, and collaboration with project stakeholders to make sure that all projects are completed on time and within budget.

Sample Projects during the last 5 years:

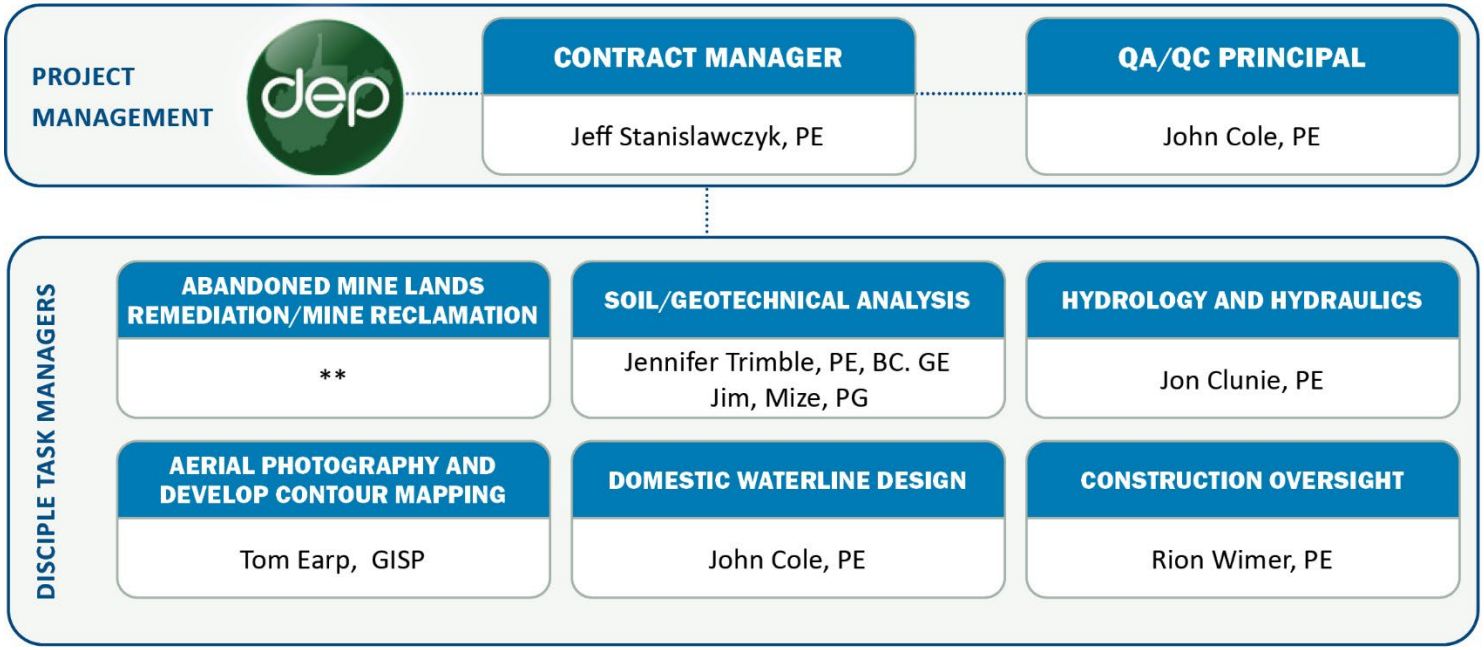
New Creek Water Association | Water Improvements Project, New Creek, WV: RK&K provided comprehensive construction management services, overseeing the installation of over nine miles of waterline, rehabilitation of a pump station, and installation of a new potable water storage tank while ensuring budget adherence and environmental compliance.

WVDOH | John Blue Bridge, Springfield, WV: RK&K provided resident project oversight and inspection to ensure contractor compliance with project plans, while managing safety, environmental compliance, and stakeholder coordination throughout the staged bridge construction process.

WVDOH | Statewide CEI and QAM Services – D5 Wastewater Treatment Plant, Burlington, WV: RK&K provided inspection services and construction management for a packaged wastewater treatment system, ensuring quality control and compliance with project specifications.

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

ORGANIZATIONAL CHART



**Hire upon selection noted in Question 12.A

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

NAME & TITLE (Last, First, Middle Int.)	YEARS OF EXPERIENCE		
Stanislawczyk, Jeff, PE Contract Manager	**YEARS OF AML DESIGN EXPERIENCE:** 0	**YEARS OF AML RELATED DESIGN EXPERIENCE:** 28	**YEARS OF DOMESTIC WATERLINE DESIGN EXPERIENCE:** 10

Brief Explanation of Responsibilities:

Jeff joined RK&K in 2016, bringing with him 19 years of experience from WVDOH, where he held various roles including Design Engineer, Project Designer, Project Engineer, and Inspector on numerous highway and bridge projects. His commitment to creating environments that promote safe, efficient, and mindful movement is evident in his work, as he applies transportation design, planning, and policy to improve access, safety, livability, and sustainability. Jeff's extensive expertise encompasses asset management, pavement preservation, environmental permitting, traffic impact studies, hydraulic analysis, slide repair, innovative contracting, project delivery methods, and bridge preservation. He routinely manages the technical aspects of transportation projects throughout their lifecycle, from planning and design to construction and maintenance. In his capacity as a quality assurance manager, Jeff ensures that construction and bidding documents are meticulously reviewed for quality, confirming that all submissions align with project requirements and client expectations. His experience spans both traditional and alternative project delivery methods, underscoring his versatility and depth of knowledge in the field.

Fountain Public Service District | Water System Improvements Project, Fountain, WV (2019-2025): Project Manager. **Role Description:** Responsible for overseeing the planning, design and bid phase for the $2.2M project for extending water service to previously unserved areas of Parrill Hollow that are experiencing water shortages through drought or contaminated water. Jeff ensured compliance with the various funding requirements. The project is completely grant funded through Mineral County ARPA funds, a grant from the WV Infrastructure and Jobs Development Council, and a principal forgiveness loan through the State Drinking Water Treatment Revolving Loan Fund.

WVDOH | Apple Harvest Drive Widening, Berkeley, WV (2021): QA/QC Engineer. **Role Description:** Responsible for the review of plans and permitting for the widening of WV 45 for approximately 1.07 miles of roadway. The project consisted of roadway widening, SWM facilities, open and closed drainage systems, grading, drainage analysis, and construction details. Jeff also included coordinating between engineering disciplines and coordinating with various agencies including WVDOH.

Town of Paw Paw I Water System Improvements, Paw Paw, WV (Present): Engineer. **Role Description:** Responsible for the upgrade of the existing distribution system, including approximately 11,000 LF of water main to improve the service and quality of water. The project also includes a rehabilitation of two existing water tanks and upgrades to the treatment plant and source intake along with determining an alternate water source.

Town of Wardensville I Water System Upgrade, Wardensville, WV (Present): Project Manager. **Role Description:** Responsible for this project which consists of the replacement of two existing water storage tanks and distribution upgrades. Two new wells are to be developed along with a new treatment facility. All meters and hydrants throughout the Town of Wardensville are to be updated and replaced. RK&K was contracted as well to coordinate the bidding process and oversee the construction of the project performing well site selection, aquifer yield assessment, and water quality testing.

Town of Wardensville I Sewer System Upgrade, Wardensville, WV (Present): Project Manager. **Role Description:** Responsible for this project which consists of the rehabilitation of the existing treatment plant. Improvements included replacement of surface aeration system, as well as mechanical bar screen upgrades. Replacement and upgrades to two pump stations. Also plant outfall upgrades are included. Upgrades to the collection system were also included in the project. Our firm was contracted as well to coordinate the bidding process and oversee the construction of the project.

EDUCATION (Degree, Year, Specialization)
BS, Civil Engineering, 1996

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS: N/A	**REGISTRATION (Type, Year, State)** Professional Engineer, 2005, WV

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

NAME & TITLE (Last, First, Middle Int.)	YEARS OF EXPERIENCE		
Cole, John, PE QA/QC Principal	**YEARS OF AML DESIGN EXPERIENCE**: 0	**YEARS OF AML RELATED DESIGN EXPERIENCE:** 24	**YEARS OF DOMESTIC WATERLINE DESIGN EXPERIENCE:** 24

Brief Explanation of Responsibilities:

John has been actively involved in the planning, design, and construction of WV's infrastructure projects for more than 24 years, providing industry leadership through addressing the region's infrastructure needs. He has diverse experience in the design of water and wastewater treatment plants, pumping stations, storage tanks, distribution and collection systems. His responsibilities include full project delivery including feasibility studies, design, construction plans and specifications, cost estimating, and construction administration inspection and engineering. One of his primary roles is providing quality assurance and funding support for various project types for other project managers, including verification that construction and bidding documents were thoroughly checked for quality, proper reviews were completed by various internal and external project team members, documents met the requirements of the purpose and need, and that submissions met the requirements as described in the scope and related client checklists.

Fountain Public Service District | Water System Improvements Project, Fountain, WV (2019-2025): Manager. **Role Description:** Prepared the funding applications and requests for the $2.2M project extending water service to previously unserved areas of Parrill Hollow that are experiencing water shortages through drought or contaminated water. Funding for the project is a complete grant funded through Mineral County American Rescue Plan Act (ARPA) funds, a grant from the West Virginia Infrastructure and Jobs Development Council, and a principal forgiveness loan through the State Drinking Water Treatment Revolving Loan Fund.

Frankfort Public Service District | Fort Ashby Water Treatment Plant (WTP) Upgrades, Wiley Ford, WV (2015-2020): Manager. **Role Description:** Responsible for an extensive evaluation of the water system from source to tap. More than $12M of improvements were identified in the study subsequently transitioned into design and construction to upgrade two remote booster stations; installation of approximately 35,140 LF of two-inch to eight-inch diameter water main replacement and line extensions; significant improvements to the WTP involving water filter and valve upgrades, sediment basin upgrades and maintenance, raw water and grinder pump upgrades and maintenance replacements, dewatering pump station upgrade, 1,500-SF storage facility, intake maintenance, plant painting; the construction of a 152,000-gallon water storage tank; and rehab/painting of an existing 160,000-gallon water storage tank.

New Creek Water Association | Water System Improvements, Mineral County, WV (2017-2025): Contract Manager. **Role Description:** Oversaw the study and design of approximately 9.5 miles of water main replacement, rehabilitation of an existing water booster station, construction of a new water booster station, construction of a 319,000-gallon water storage tank, and new and replacement of numerous commercial and residential water services.

EDUCATION (Degree, Year, Specialization)

BS, Civil Engineering Technology, 2001

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS	REGISTRATION (Type, Year, State)
	Professional Engineer, 2008, WV

13.C PERSONAL HISTORY STATEMENT OF PRINCIPALS AND ASSOCIATES RESPONSIBLE FOR AML PROJECT DESIGN (Furnish complete data but keep to essentials)			
NAME & TITLE (Last, First, Middle Int.) Trimble, Jennifer, PE, BC. GE Soil/Geotechnical Analysis	**YEARS OF EXPERIENCE**		
	YEARS OF AML DESIGN EXPERIENCE: 0	**YEARS OF AML RELATED DESIGN EXPERIENCE:** 0	**YEARS OF DOMESTIC WATERLINE DESIGN EXPERIENCE:** 24

Brief Explanation of Responsibilities:

Jennifer is responsible for planning and directing geotechnical explorations, preparation of geotechnical engineering reports, geotechnical analyses, conducting technical reviews, developing plans/specifications, and providing Quality Assurance/ Quality Control (QA/QC) in support of civil engineering projects. Her technical experience includes evaluating subsurface conditions, in-situ testing, conducting seismic refraction studies, verifying groundwater levels, evaluating risks in potential sinkhole areas, and providing recommendations with respect to geotechnical engineering considerations, including foundations, retaining walls, earthwork, pavements, SWM, geohazards, and slope stability.

Morgan State University | Stadium Way Slope Stabilization, Baltimore, MD (2022): Senior Geotechnical Manager. **Role Description:** Oversaw the assessment, investigation, and mitigation of a potentially unstable 80-ft high slope with a slope ratio of 1.2(H):1(V) to 1.5(H):1(V) and a stream at its base. The top of the slope is near the edge of the pavement developed a significant depression representative of a scarp forming with a surficial slide adjacent to the parking lot which exposed guardrail posts and undermined the sidewalk. A second scarp near the middle portion of the slope and eroded channels at several locations along the slope face had also formed. Managed subsurface exploration consisting of SPT borings including rock coring, installation of slope inclinometers, and seismic refraction and multi-spectral analysis of surface waves (MSAW). Reviewed slope stability analysis and developed seven repair alternatives ranging from regrading the slope to soldier pile and lagging with and without tieback options, soil nail options, and combination soil nail and retaining wall options. Developed construction documents for selected repair option, reviewed shop drawings, and construction field changes.

WVDOH | US 52 Gilbert Connector Design Build, Mingo County, WV (2023): Senior Project Delivery Leader. **Role Description:** Oversaw the geotechnical design of an approximate 3-mile long highway. Geotechnical tasks included the development of a subsurface exploration program consisting of 78 Standard Penetration Test Borings with rock core sampling and ATV/OTV logging, laboratory testing program (index testing, consolidation, direct shear, and unconfined compressive rock strength testing), and development of a geotechnical engineering report. Recommendations included soil/rock parameters for retaining wall design, earthwork, global stability of two waste area embankments and highway embankments nearly 60-ft tall with side slopes as steep as 1.7(H):1(V) constructed with rock fill, culvert foundations, dewatering, seismic conditions, and pavement design. Coordinated with geotechnical subconsultants for the design of cut slopes, acid bearing rock recommendations, soil nail walls, pinned mesh stabilization, and fill retaining walls. Provided oversight and QA/QC of geotechnical deliverables. Supported development and review of contract plans, and special provisions.

MDOT SHA | Geotechnical Engineering Services, Statewide, MD (2017-2025): Senior Geotechnical Manager. **Role Description**: Five-year, $2.5M Open end contract with MDOT SHA for statewide geotechnical engineering services. Provided QA/QC review and contract oversight for multiple tasks including a rock slope stabilization assessment along the MD 51 corridor in Allegany County, from Pittsburgh Plate Glass to the Paw Paw Bridge over the Potomac River for 17 rock cut slope locations, reviewing 84 concept-level geo-concern reports, statewide, for development of a project candidate list to be used for prioritizing design work, development of a concept-level preventative maintenance and rehabilitation treatment options for 20 geo-concern locations where for each location, a desktop study and site reconnaissance was performed then a memorandum with site and project description, site geology, summary of site observations, concept recommendations and figures, and a cost estimate was prepared.

EDUCATION (Degree, Year, Specialization)

MS, Civil Engineering, 1999; BS, Civil Engineering, 1998

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS	**REGISTRATION (Type, Year, State)**
Academy of Geo-Professionals, Board of Trustees	Professional Engineer, 2020, WV Board Certified Geotechnical Engineer, AGP, 2016 Radiation Safety, Troxler, 1997 Hazardous Materials Site Worker, OSHA, 2000 Drilling Inspector - Level II, PennDOT, PA, 1999

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

NAME & TITLE (Last, First, Middle Int.)	YEARS OF EXPERIENCE		
Mize, Jim, W., PG Soil/Geotechnical Analysis | Geologist I	**YEARS OF AML DESIGN EXPERIENCE**: 0	**YEARS OF AML RELATED DESIGN EXPERIENCE:** 8	**YEARS OF DOMESTIC WATERLINE DESIGN EXPERIENCE:** 0

Brief Explanation of Responsibilities:

Jim's responsibilities include geotechnical investigation for several highway, road and bridge projects, as well as geoenvironmental investigation, including Phase 1 environmental assessments and acid rock drainage mitigation. Jim has been involved in a variety of roadway projects, including bridges, roadways, retaining walls, MSE walls, noise walls, and slope stabilization. He has experience assessing and classifying soils and rocks, assessing geoenvironmental hazards and potential impacts to transportation projects, and has worked in restricted areas such as interstate highway, city, and railroad rights-of-way. He is also experienced using in-situ testing equipment such as cone penetrometer, electrical resistivity, and water data loggers. He has experience using CADD and GIS software programs, including gINT, MicroStation, ArcMap and ENVI, and has experience coding in Matlab, Python, and Javascript.

NCDOT | I-40 Pigeon River Gorge Emergency Repairs, Haywood County, North Carolina (2025): Project Geologist I. **Role Description:** Responsible for data analysis and development of engineering estimates of soil overburden, rock volume, and rock excavation for this five-mile emergency roadway repair project. This project includes critical infrastructure along a rock slope with numerous failures resulting in landslides blocking and damaging the roadway. Jim used data acquired from geotechnical and geophysical field investigations to develop estimates for depth to rock along the interstate corridor. These estimates were used to create cross-sectional graphics of the roadway and rock strata and to estimate volumes of rock excavation and slope stabilization quantities for this project.

TDOT | Rockfall Mitigation Investigation for State Route 115, Blount County, Tennessee (2020): Geologist II. **Role Description:** Field investigator for this project which involved stabilization and rockfall mitigation on five rock slopes in Blount County, TN. This project included measurement and documentation of orientation of bedding, fracturing, and joint planes in the rock slopes to evaluate prevalence and type of slope failure at each of the five sites. This project also included re-rating a slope that had recently failed based on the new surface. After the field investigation, modeling of rockfalls slope failures was used to design rockfall mitigation to reduce the risk of debris entering the roadway. Successful delivery of this project led to additional assignments of a similar nature from TDOT.

TDOT | Rockfall Mitigation Investigation for State Route 159, Johnson County, Tennessee (2022): Geologist II. **Role Description:** Responsible for the field investigation and rock slope stability modeling for this project which included stabilization and mitigation of rockfall along three slopes. This project included measurement and documentation of orientation of bedding, fracturing, and joint planes in the rock slopes to evaluate prevalence and type of slope failure at each of the three rock slopes. After the field investigation, modeling of rockfalls slope failures was used to design rockfall mitigation to reduce the risk of debris entering the roadway.

TDOT | Rockfall Mitigation Investigation for State Route 322, Monroe County, Tennessee (2023): Geologist II. **Role Description:** Responsible for the field investigation and rock slope stability modeling for this project which included stabilization and mitigation of rockfall along 1 slope. This project included measurement and documentation of orientation of bedding, fracturing, and joint planes in the rock slopes to evaluate prevalence and type of slope failure at the rock slope. Additionally, rocks from this slope were collected and tested for acid-producing potential to evaluate the acid rock drainage risk of material derived from the rock slope. After the field investigation, chemical testing results and modeling of rockfalls slope failures were used to mitigate acid drainage potential harming the local environment and design rockfall mitigation to reduce the risk of debris entering the roadway.

EDUCATION (Degree, Year, Specialization)
MS, Geology, 2017; BS, Geological Sciences, 2015

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS	REGISTRATION (Type, Year, State)
N/A	Professional Geologist, 2024, VA

13.E PERSONAL HISTORY STATEMENT OF PRINCIPALS AND ASSOCIATES RESPONSIBLE FOR AML PROJECT DESIGN (Furnish complete data but keep to essentials)			
NAME & TITLE (Last, First, Middle Int.) Clunie, Jon, PE Hydrology and Hydraulics	**YEARS OF EXPERIENCE**		
	YEARS OF AML DESIGN EXPERIENCE: 0	**YEARS OF AML RELATED DESIGN EXPERIENCE:** 14	**YEARS OF DOMESTIC WATERLINE DESIGN EXPERIENCE:** 0

Brief Explanation of Responsibilities:

Jon is a civil engineer with experience specializing in hydrologic and hydraulic modeling, stormwater management (SWM) facility/Best Management Practices (BMP) evaluation and design, E&SC design and inspection, environmental permitting and development of construction plans, specifications and cost estimates. He has experience applying project management skills in support of client management and staff mentoring. Also has experience working on public sector projects for state, county, municipal and private sector clients.

WVDOH | Apple Harvest Drive Widening, Berkley, WV (2021): Project Engineer. **Role Description:** Responsible for stormwater and drainage design for the widening of WV 45 for approximately 1.07 miles of roadway. The project consisted of SWM model quality and quantity facilities, open and closed drainage systems, cross sections, roadside grading, culvert analysis and design, ditch designs, storm drain profiles, and construction details. Generated SWM/Drainage reports, plans, profiles and details associated with the design for client review and contractor use. Work also included coordinating the design with other engineering disciplines and coordinating with WVDOH.

MDSHA | I-695 from I-70 to MD 43 Transportation Systems Management and Operation, Baltimore County, MD (2022): Project Engineer. **Role Description:** Oversaw the stormwater design for the proposed I-695 improvements. Performed quality control review of over 40 proposed (SWM) facilities across over 150 points of investigation along the 20-mile corridor. Completed routing procedures through proposed SWM facilities to achieve quantity management. Optimized the SWM and erosion and sediment control designs to promote construction efficiency. Generated SWM reports, plans, profiles and details associated with the design for client review and contractor use.

MDSHA | I-270 Innovative Congestion Management, Montgomery & Frederick, MD (2018): Project Engineer. **Role Description:** Responsible for SWM and drainage features associated with the reconstruction of I-270 for several miles of roadway. Work included design of 22 SWM facilities, open and closed drainage systems, cross sections, roadside grading, ditch designs, storm drain profiles, and construction details. Generated SWM reports, plans, profiles and details associated with the design for client review and contractor use. Work also included coordinating the design with other engineering disciplines and coordinating with MDSHA.

MDTA | Comprehensive Preliminary & Final Engineering Design Services, Statewide, MD (Present): Project Engineer. **Role Description:** Performed field investigations of existing drainage assets to confirm drainage infrastructure capacity and integrity, and potential issues caused by storm events. Analyzed hydrology to the drainage infrastructure using TR55 methodology. Generated remediation plans, which included profiles, details, erosion and sediment control, cost estimates and reports detailing the type of work needed to be performed to repair site conditions. Created remediation reports for culverts within MDTA's pipe inventory system in need of repair. The reports detailed current site conditions, drainage area analysis, cost analysis, and recommendations for the type of repair work to be completed. Developed mapping detailing how the remediation work should be performed. Attended meetings at MDTA to discuss progress of drainage remediation.

EDUCATION (Degree, Year, Specialization) BS, Civil Engineering, 2011	
MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS American Society of Highway Engineers – Chesapeake Section	**REGISTRATION (Type, Year, State)** Professional Engineer, 2025, MD

13.F PERSONAL HISTORY STATEMENT OF PRINCIPALS AND ASSOCIATES RESPONSIBLE FOR AML PROJECT DESIGN (Furnish complete data but keep to essentials)			
NAME & TITLE (Last, First, Middle Int.) Earp, Tom, A., GISP Aerial Photography and Develop Contour Mapping	**YEARS OF EXPERIENCE**		
	YEARS OF AML DESIGN EXPERIENCE: 0	**YEARS OF AML RELATED DESIGN EXPERIENCE**: 26	**YEARS OF DOMESTIC WATERLINE DESIGN EXPERIENCE**: 0

Brief Explanation of Responsibilities:

Tom leads RK&K's GIS and Drone Services departments. He has experience managing large multi-year contracts and GIS tasks. He has previously managed large-scale Enterprise GIS implementations and GIS web application development projects for clients. Tom has experience leading multi-discipline project teams, gathering requirements, and implementing GIS solutions. He also has expertise in designing and maintaining applications utilizing ArcGIS Server and ArcGIS Online and has extensive experience directing field crews in GIS data collection. His background includes project management, GIS database design and management, geospatial analysis, GIS needs assessments, GIS training, floodplain mapping, 3D modeling, QA/QC, cartography, and data collection. Tom is an FAA-certified remote pilot with more than 500 hours of drone flights. Tom has developed curriculum and taught Introduction to GIS as an Adjunct Faculty at the Community College of Baltimore County.

MSHA | OPPE Transportation Innovation Services (OPPE 2013-01), Statewide, MD (2016-2022): GIS Manager**. Role Description:** Responsible for several tasks under the OPPE contract including: conducting a GIS analysis to identify candidate locations along Maryland state routes for High Friction Surface Treatment (Task 18); developing a new GIS curve inventory along all Maryland state routes; developing GIS mapping and graphics for several tasks; and developing interactive 3D content. Tom also flew several drone missions producing oblique photos, GIS data, aerial photos, 3D point clouds, and surface models.

Maryland Port Administration | CATS+ TORFP GIS On-Call Services (217045B-IT), Statewide, MD (2022): GIS Manager**. Role Description:** Managed the development of the Port's engineering data that is used to operate and maintain their facilities. Tom conducted drone flights to develop 2,500 acres of orthoimagery at all port facilities, and conducted monthly drone flights to monitor construction at Berth 3.

MSHA | Geotechnical Engineering Services (BCS 2017-06A), Task: MD 51 Rockfall Mitigation from Pittsburgh Plate Glass Rd to Potomac River Bridge - Survey, Allegany County, MD (2023): GIS Manager**. Role Description:** Conducted drone flights to collect oblique images and LiDAR data. Tom also processed imagery to develop 3D mesh surfaces for analysis. RK&K is developing Plans, Specifications, and Estimates (PS&E) for rock slope stabilization assessment for 17 rock cut slope locations along the MD 51 corridor from Pittsburgh Plate Glass Road to the Paw Paw Bridge over the Potomac River.

Maryland Environmental Services | Fishing Creek Dam Geotechnical Report, Frederick County, MD (2022): GIS Manager**. Role Description:** Served as the pilot-in-command for drone flights as part of the geotechnical investigation and dam assessment. Tom piloted a DJI M300 RTK drone equipped with RGB and thermal sensors to capture imagery. Thomas processed the imagery in Pix4D to develop orthoimagery and thermal imagery products. Thomas also developed DEMs, a point cloud, and contours.

Johns Hopkins University Applied Physics Laboratory | GIS Services Columbia, MD (2023): GIS Manager**. Role Description:** Responsible for developing GIS system, CAD data conversion and performing UAS flights to collect aerial imagery. Tom worked with stakeholders at JHU APL including members of the Engineering, Facilities and IT teams to identify their needs, technology and workflows. Tom worked with JHU and APL staff to procure and configure an Esri ArcGIS Online Organization. Tom managed the development of the GIS database and conversion of CADD data. Tom trained APL staff in the use and management of data stored in ArcGIS Online. He also used DJI M300 UAS to collect aerial imagery for the 600-acre campus.

EDUCATION (Degree, Year, Specialization) BS, Geography, 2000	
MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS	**REGISTRATION (Type, Year, State)** Geographic Information Systems Professional (GISCI), 2027; FAA Remote Pilot

13.G PERSONAL HISTORY STATEMENT OF PRINCIPALS AND ASSOCIATES RESPONSIBLE FOR AML PROJECT DESIGN (Furnish complete data but keep to essentials)			
NAME & TITLE (Last, First, Middle Int.) Wimer, Rion, N., PE Construction Oversight	**YEARS OF EXPERIENCE**		
	YEARS OF AML DESIGN EXPERIENCE: 0	**YEARS OF AML RELATED DESIGN EXPERIENCE:** 15	**YEARS OF DOMESTIC WATERLINE DESIGN EXPERIENCE:** 0

Brief Explanation of Responsibilities:

Rion is responsible for construction management and construction inspector oversight for both municipal water/wastewater projects and WVDOT projects. In his role with water/wastewater, he serves clients from the preliminary engineering phases through design, bidding, construction, and project close out to deliver turn-key projectsThis work includes stakeholder coordination, permitting, environmental compliance, submittal review, review and response to requests for information, reviewing and authorizing post bid changes, reviewing and issuing change order requests, conducting progress meetings, monitoring staffing needs and levels, monitoring project budgets, monitoring payment quantities and approving request for payment, and monitoring contractor conformance to plans and specifications. Working with WVDOT, Rion manages a staff of seven inspectors who serve as new construction inspectors. His duties include training inspectors and oversight of work quality. His other duties include completing constructability reviews for internally designed water/wastewater and transportation projects.

New Creek Water Association | Water Improvements Project, New Creek, WV (2025): Project Manager. **Role Description:** Provided construction management services for Contracts one through five along with design services for Contract Five. Responsibilities included monitoring project budgets, coordination with stakeholders, reviewing and approving requests for payments, reviewing and approving change order requests, conducting progress meetings, monitoring environmental compliance, supervision of inspection staff and review of daily reports, submittal review, request for information review and response, and resolving issues encountered during construction. The project consisted of various contracts with highlights of installation of over nine miles of waterline, rehabilitation of an existing pump station, installation of a new pump station, replacement of water services, and installation of a potable water storage tank.

WVDOH | Statewide CEI and QAM Services – D5 Wastewater Treatment Plant, Burlington, WV (2023): Project Manager. **Role Description:** Provided inspection services along with inspection oversight. Responsibilities included construction management tasks for the installation of a packaged wastewater treatment system, installation of gravity and force main sewer lines, electrical installation, plant startup, and decommissioning and remediation of an existing sewage lagoon. Work included monitoring work quality and conformance to the plans and specifications, verification and certification of materials, as-builts, monitoring environmental compliance and documenting environmental compliance, resolving issues encountered during construction, writing daily reports, and coordination with project stakeholders.

WVDOH | John Blue Bridge, Springfield, WV (2022): Project Engineer. **Role Description:** Provided resident project oversight and inspection. Responsibilities included monitoring contractor work for conformance to the project plans and specifications, measuring quantities for payment, writing daily reports and completing quantity calculations, documenting field survey data and completing as-builts, monitoring environmental complance and reporting environmental compliance, coordinating with stakeholders, resolution project issues, conducting progress meetings, review of project schedules, monitoring safety, monitoring the project budget, and oversight of the inspection staff. Project highlights included staged bridge construction, the use of barges on a waterway, post-tensioned concrete members, temporary traffic control system, and installation of tied-back retaining walls.

EDUCATION (Degree, Year, Specialization) BS, Civil Engineering, 2010; AS, Civil Engineering, 2008	
MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS	**REGISTRATION (Type, Year, State)** Professional Engineer (P.E.), 2015, WV (#21387)

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

Geotechnical Software:

RK&K uses geotechnical software packages such as SLIDE, SLOPE/W, for slope stability calculations, GRL WEAP for drivability studies, ALLPILE for single or group axially and laterally loaded pile design, MSEW for MSE design, Settle3 or FoSSA for settlement estimates and stress distributions, PY-Wall for retaining wall design, L-Pile for lateral loaded pile design, and DEEPEx for retaining walls and support of excavation designs. We have used Finite Element Method (FEM) software PLAXIS to predict the displacements and settlements of difficult to evaluate structures. Using this advanced tool, we can compare the effects of alternative design and construction methods to avoid damage to nearby structures and utilities. This application is useful in designing instrumentations for construction monitoring to determine the location of instruments and provide estimates of the expected deflections.

Hydrology Software:

- ✓ TR-20: Develops watershed hydrology models, computers storm runoff, and develops hydrographs for single/multiple watersheds
- ✓ Win TR-20: NRCS software for watershed hydrology modeling
- ✓ TR-55: Utilizes simplified procedures to calculate storm runoff volume and peak rate of discharge for small watersheds
- ✓ Win TR-55: NRCS software for stormwater management
- ✓ GISHydro2000: Custom GIS-based software for hydrologic analysis and routing of complex watersheds
- ✓ TASKER: Calculates peak discharges and confidence ranges for storm events
- ✓ PEAKFQ: Produces flood frequency curves based on USGS gauge data
- ✓ HY-8: Graphical software for designing and analyzing culverts
- ✓ Bentley OpenFlows FlowMaster: Design and analysis of pipes, ditches, and optimization

Pipeline Hydraulics Software:

- ✓ SewerCAD: Used for modeling and designing sewer systems
- ✓ XPSWMM: Hydrologic and hydraulic modeling software for stormwater and wastewater
- ✓ OpenFlows WaterCAD: Hydraulic modeling software for water distribution systems
- ✓ OpenFlows HAMMER: Transient analysis software for water systems

Environmental Software:

- ✓ Mike Urban DHI: Hydraulic modeling software for evaluating stormwater management
- ✓ InfoWorks: Integrated modeling software for water and wastewater systems
- ✓ Groundwater Modeling System (GMS): 3D groundwater modeling and transport analysis
- ✓ Visual MODFLOW: Simulation of aquifer conditions and mass transport

Drafting and Site Design Software:

- ✓ AutoCAD Civil 3D: CAD software for civil engineering design
- ✓ Bentley MicroStation: CAD software for developing electronic drawings
- ✓ Bentley OpenROADS Designer: Infrastructure design and modeling application
- ✓ Bentley InRoads: Semi-automates road and site design

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

GIS Software: ESRI ArcGIS: Comprehensive GIS software for spatial analysis and mapping.

- ✓ Spatial Analyst
- ✓ 3D Analyst
- ✓ ArcGIS Pro
- ✓ ArcGIS Online
- ✓ ArcSDE: Manages spatial data in a relational database

Structural Design Software:

- ✓ STAAD: Structural analysis and design software
- ✓ LEAP Bridge Concrete: For designing concrete bridges
- ✓ MATHCAD: For engineering calculations and documentation
- ✓ CSiBridge: Software for modeling and analyzing bridge structures

Survey Equipment:

- ✓ Total Stations:
  - Trimble S5 3” Robotic Total Station
  - Trimble C3 3” Total Station
  - TS 16 Leica Robotic Total Station
  - TS 11 Leica Total Station
- ✓ Data Collectors:
  - TDS Ranger Data Collectors
  - Leica CS 20 Data Collectors
- ✓ GNSS Receivers:
  - Leica GS07 GPS Receivers with Leica CS 20 data collectors
- ✓ Levels:
  - ✓ Topcon DL-102 Digital Level with precision Invar Rod
  - Sokkia C3 Automatic Level
  - Wild NA28 Automatic Level
  - Sokkia B2 Automatic Level
  - Nikon AP-8 Automatic Level
- ✓ Miscellaneous Equipment:
  - Fiberglass stadia rods (English & Metric)
  - Voice Activated Radios
  - Metal Detectors
  - Traffic Safety Equipment

Mobile LiDAR:

- ✓ Static LiDAR Sensors: Deployed in areas inaccessible to vehicles for surveying bridges and vertical structures
- ✓ Rock Robotic R3 Pro V2 LiDAR

Photogrammetric Equipment:

- ✓ DJI Matrice 300 RTK Drone: Equipped with a P1 Photo Camera and Rock 360 LiDAR Sensor for aerial data collection
- ✓ Metric Aerial Mapping Camera: Used for capturing high-resolution aerial photographs
- ✓ UAS (Unmanned Aircraft Systems): Drones equipped with cameras for aerial mapping and data collection
- ✓ DroneDeploy: Software for mapping and processing 360 photo spheres
- ✓ Bentley ContextCapture: For processing 3D models from photogrammetric data

15. CURRENT ACTIVITIES ON WHICH YOUR FIRM IS THE DESIGNATED ENGINEER OF RECORD				
PROJECT NAME, TYPE AND LOCATION	**NAME AND ADDRESS OF OWNER**	**NATURE OF YOUR FIRM'S RESPONSIBILITY**	**ESTIMATED CONSTRUCTION COST**	**PERCENT COMPLETE**
Six-Year Bridge Inspection Contract, Task: Rubles Run Bridge | Monogalia County, WV	WV Division of Highways 1900 Kanawha Boulevard, East, Building 5, Charleston, WV 25305-0430	Prime Consultant	N/A	100%
Six-Year Bridge Inspection Contract, Task: Morgans Run Bridge | Monogalia County, WV	WV Division of Highways 1900 Kanawha Boulevard, East, Building 5, Charleston, WV 25305-0430	Prime Consultant	N/A	100%
I-77 Exit 1 Development | Bluefield, WV	City of Bluefield, WV 200 Rogers Street, Bluefield, WV 24701	Prime Consultant	$2.5M	100%
Statewide Prequalification Construction Inspection Services & QA Management (2023-2024) | Statewide, WV	WV Department of Transportation 1900 Kanawha Boulevard, East, Building 5, Charleston, WV 25305-0430	Prime Consultant	N/A	N/A
On-Call Professional Engineering Services | Davis, WV	Town of Davis, WV P.O. Box 207, Davis, WV 26260	Prime Consultant	Varies	Varies
Blackwater Falls State Park Wastewater Treatment System | Tucker County, WV	Blackwater Public Service District, WV P.O. Box 85, Davis, WV 26260	Prime Consultant	$52.8M	0%
Route 93 Scherr Bridge | Grant County, WV	WV Division of Highways 1900 Kanawha Boulevard, East, Building 5, Charleston, WV 25305-0430	Prime Consultant	N/A	95%

Romney Industrial Park Rail Yard Study | Romney, WV	WV Division of Highways 1900 Kanawha Boulevard, East, Building 5, Charleston, WV 25305-0430	Prime Consultant	N/A	98%
New Creek Water Association, Water System Improvement - Phase 2 | New Creek, WV	New Creek Water Association Route 972, New Creek, WV 26743	Prime Consultant	N/A	0%
TOTAL NUMBER OF PROJECTS: 9		**TOTAL ESTIMATED CONSTRUCTION COSTS: $110M**		

16. CURRENT ACTIVITIES ON WHICH YOUR FIRM IS SERVING AS A SUB-CONSULTANT TO OTHERS					
PROJECT NAME, TYPE AND LOCATION	NATURE OF FIRMS RESPONSIBILITY	NAME AND ADDRESS OF OWNER	ESTIMATED COMPLETION DATE	ESTIMATED CONSTRUCTION COST	
				ENTIRE PROJECT	YOUR FIRMS RESPONSIBILITY
Armour Creek Bridge Replacement Hydraulics | Nitro, WV	Preparation of contract plans and related documents for the construction of a new bridge	WVDOH 1900 Kanawha Boulevard, East, Building 5, Charleston, WV 25305-0430	2026	N/A	Post-Construction SWM & Drainage; Bridge Hydraulics

17. COMPLETED WORK WITHIN LAST 5 YEARS ON WHICH YOUR FIRM WAS THE DESIGNATED ENGINEER OF RECORD				
PROJECT NAME, TYPE AND LOCATION	NAME AND ADDRESS OF OWNER	ESTIMATED CONSTRUCTION COST	YEAR	CONSTRUCTED (YES OR NO)
Water Improvement Project New Creek, WV	Route 972, New Creek, WV 26743	$10 million	2022	YES
Hoyes Run Water Treatment Plant Big Run, WV	Garrett County Board of Commissioners County Courthouse, 203 South Fourth Street, Room 207, Oakland, MD 21550	$3 million	2020	NO
Waites Run Bridge Post Design Services Hardy County, WV	WV Department of Transportation 1900 Kanawha Boulevard, East, Building 5, Charleston, WV 25305-0430	$2.5 million	2020	YES
Post Design Services for East Dailey Bridge Randolph County, WV	WV Department of Transportation 1900 Kanawha Boulevard, East, Building 5, Charleston, WV 25305-0430	$2.1 million	2021	YES
Sewer System Rehabilitation Project New Creek, WV	New Creek Public Service District P.O. Box 32, New Creek, WV 26743	$6 million	2023	YES
Traffic Data Collection (2019-2021) DOH District 2, WV	WV Division of Highways 1900 Kanawha Boulevard, East, Building 5, Charleston, WV 25305-0430	N/A	2021	N/A
Water Improvement Wardensville, WV	Town of Wardensville, WV 25 Warrior Way, Wardensville, WV 26851	$7.9 million	2025	YES
Sewer Improvement Project Study and Report Phase Wardensville, WV	Town of Wardensville, WV 25 Warrior Way, Wardensville, WV 26851	$4 million	2025	YES

17. COMPLETED WORK WITHIN LAST 5 YEARS ON WHICH YOUR FIRM WAS THE DESIGNATED ENGINEER OF RECORD				
PROJECT NAME, TYPE AND LOCATION	NAME AND ADDRESS OF OWNER	ESTIMATED CONSTRUCTION COST	YEAR	CONSTRUCTED (YES OR NO)
Engineering Services for Water/Sewer Systems Upgrade Projects Charles Town, WV	Charles Town Utility Board 661 South George Street, Suite 101, Charles Town, WV 25414	$7.6 million	2024	NO
On-Call Services Beryl and Luke, WV *Seven tasks assigned: Luke Mill Fire System Structure Planning; Aboveground Storage Tank Removal Continuation; Aboveground Storage Tank Closures; Wood Refuse Site Survey and Existing Site Plan; Luke Mill Raw Water Pump Station; Storage Tank Closure Plan*	Verso Corporation 8540 Gander Creek Drive, Miamisburg, OH 45342	N/A	2021	YES
Inwood Bypass, Phase 2 - Post Design Berkeley County, WV	WV Division of Highways 1900 Kanawha Boulevard, East, Building 5, Charleston, WV 25305-0430	$23 million	2021	YES
Whisner Tire Recycling Site Plan Fort Ashby, WV	Whisner Tire Recycling, LLC 80 Deremer Ct, Lot 7, Fort Ashby Industrial Park, Fort Ashby, WV 26719	N/A	2020	NO
Col Ruby Bradley Bridge Right of Way Acquisition Services for Temporary Construction Easement Spencer, WV	Rock Forge Bridge Company 2105 Big Sandy Creek Road, Newton, WV 25266	$5,708	2021	N/A
WVDOH Commercial Approach Permit Wardensville, WV	Town of Wardensville, WV 25 Warrior Way, Wardensville, WV 26851	N/A	2021	NO
2021 Construction Inspection Services Statewide, WV	WV Division of Highways 1900 Kanawha Boulevard, East, Building 5, Charleston, WV 25305-0430	N/A	2022	N/A

17. COMPLETED WORK WITHIN LAST 5 YEARS ON WHICH YOUR FIRM WAS THE DESIGNATED ENGINEER OF RECORD				
PROJECT NAME, TYPE AND LOCATION	NAME AND ADDRESS OF OWNER	ESTIMATED CONSTRUCTION COST	YEAR	CONSTRUCTED (YES OR NO)
Elk Garden Sewer Line Extension Mineral County, WV	Mineral County Commission 68 Armstrong St, Keyser, WV 26726	$350,00	2021	NO
Town of Davis Sewer Collection System Improvement Project Davis, WV	Town of Davis, WV P.O. Box 207, Davis, WV 26260	$13 million	2025	YES
Frankfort PSD-Water System Improvements: Hydraulic Model & Dawnview Tank Frankfort, WV	Frankfort Public Service District P.O. Box 80, Wiley Ford, WV 26767	$12 million	2025	YES
Proposed Vertex Worldwide Business Site Development/Raw Land Berkeley Springs, WV	Vertex Worldwide PO Box 221, Winchester, VA 22604-0221	N/A	2024	NO
Clean Water Needs Survey Statewide, WV	WV Dept. of Environmental Protection 601 5th Street, SE, Room 2080, Charleston, WV 25304	N/A	2023	NO
Storm Water Collection & Runoff Improvements Hendricks, WV	Town of Hendricks, WV P.O. Box 122, Hendricks, WV 26271	$1.8 million	2023	NO
Petersburg Doctor's Office Utility Engineering Petersburg, WV	Montum Architecture, LLC 55 Er Path, Keyser, WV 26726-8407	N/A	2022	NO
On-Call Engineering Services for Site Engineering Kearneysville, WV	JCO Dev Auth. Jefferson Co. Build. Comm. 1948 Wiltshire Road, Suite #4, Kearneysville, WV 25430	N/A	2025	NO

17. COMPLETED WORK WITHIN LAST 5 YEARS ON WHICH YOUR FIRM WAS THE DESIGNATED ENGINEER OF RECORD				
PROJECT NAME, TYPE AND LOCATION	NAME AND ADDRESS OF OWNER	ESTIMATED CONSTRUCTION COST	YEAR	CONSTRUCTED (YES OR NO)
Larenim Park Amphitheater Grant Writing Burlington, WV	Mineral County Commission 68 Armstrong St, Keyser, WV 26726	N/A	2022	N/A
Town of Star City Storm Water and Sanitary System Improvements Star City, WV	Town of Star City, WV 370 Broadway Avenue, Star City, WV 26505	$9.2 million	2023	NO
Aboveground Storage Tank Consulting Services Riverton, WV	Hinkle Trucking, Inc. PO Box 65, Circleville, WV 26804	N/A	2023	NO
Towing and Recovery Facility Martinsburg, WV	Elite Towing & Recovery, LLC 187 Hollingsworth Ct., Martinsburg, WV 25405	N/A	2023	NO
Wardensville Hydrological Monitoring Wardensville, WV	Town of Wardensville, WV 25 Warrior Way, Wardensville, WV 26851	N/A	2025	N/A
Cultural Resource On-Call, Task: Dick Henderson Bridge Mitigation Kanawha County, WV	WV Division of Highways 1900 Kanawha Boulevard, East, Building 5, Charleston, WV 25305-0430	$75,000	2024	N/A
Gig's BBQ co Greg Ladd Augusta, WV	Gig's BBQ 1979 AA Rogers Road, August, WV 26704	N/A	2023	NO
Drone Survey Services Martinsburg, WV	D&D Land Company 2771 Butlers Chapel Road, Martinsburg, WV 25403	N/A	2024	N/A

17. COMPLETED WORK WITHIN LAST 5 YEARS ON WHICH YOUR FIRM WAS THE DESIGNATED ENGINEER OF RECORD				
PROJECT NAME, TYPE AND LOCATION	NAME AND ADDRESS OF OWNER	ESTIMATED CONSTRUCTION COST	YEAR	CONSTRUCTED (YES OR NO)
Smokey Hollow Road Housing Development Capon Bridge, WV	Bob Lizer 220 Red Oak Road, Cross Junction, VA 22625	N/A	2024	NO
Route 93 Scherr Overpass Grant County, WV	WV Division of Highways 1900 Kanawha Boulevard, East, Building 5, Charleston, WV 25305-0430	N/A	2024	NO
Site Work for Aquabang Shrimp Farm Keyser, WV	Mineral County Development Authority 87 N Main Street, Suite #1, Keyser, WV 26720	N/A	2025	NO
Parking Lot Engineering and Surveying Keyser, WV	Lumber N Things Old Waxler Road, Keyser, WV 26726	N/A	2025	YES
Site Engineering for Five Geodomes Augusta, WV	Mr. Chris Chilcoat 79 Pepper Lane, Augusta, WV 21701	N/A	2024	NO
Industrial NPDES Permit New Creek, WV	Creekside Industries 12419 Northwester Turnpike, New Creek, WV 26743	N/A	2024	NO
Romney Industrial Park Rail Yard System Romney, WV	WV Division of Highways 1900 Kanawha Boulevard, East, Building 5, Charleston, WV 25305-0430	N/A	2025	NO

18. COMPLETED WORK WITHIN LAST 5 YEARS ON WHICH YOUR FIRM HAS CONSTRUCTION OVERSIGHT ON PROJECTS				
PROJECT NAME, TYPE AND LOCATION	NAME AND ADDRESS OF OWNER	ESTIMATED CONSTRUCTION COST	YEAR	CONSTRUCTED (YES OR NO)
Water System Improvement - Phase 2 New Creek, WV	New Creek Water Association Route 972, New Creek, WV 26743	N/A	2025	NO
Statewide CEI & QAM Services – D5 Wastewater Treatment Plant Burlington, WV	WV Division of Highways 1900 Kanawha Boulevard, East, Building 5, Charleston, WV 25305-0430	$970,000	2023	YES
John Blue Bridge Springfield, WV	WV Division of Highways 1900 Kanawha Boulevard, East, Building 5, Charleston, WV 25305-0430	$13 million	2022	YES

19. COMPLETED WORK WITHIN LAST 5 YEARS ON WHICH YOUR FIRM HAS BEEN A SUB-CONSULTANT TO OTHER FIRMS (INDICATE PHASE OF WORK FOR WHICH YOUR FIRM WAS RESPONSIBLE)					
PROJECT NAME, TYPE AND LOCATION	NAME AND ADDRESS OF OWNER	ESTIMATED CONSTRUCTION COST OF YOUR FIRM'S PORTION	YEAR	CONSTRUCTED (YES OR NO)	FIRM ASSOCIATED WITH
Mt. View to Gilbert Creek Design-Build | Mingo County, WV	Triton Construction, Inc. for WV Division of Highways 1900 Kanawha Boulevard, East, Building 5, Charleston, WV 25305-0430	$91.9 million	2024	In Construction	Triton Construction, Inc.
Consulting Services, Six Year Bridge Inspection Projects, Task: SFC Terrance N. Gentry Memorial Bridges over the Guyandotte River | Logan County, WV	Carpenter Marty Transportation 818 Quarrier St, Charleston, WV 25301	N/A	2024	N/A	Carpenter Marty
Cacapon Resort State Park New Campground & Renovation | Morgan County, WV	Montum Architecture, LLC 55 Er Path, Keyser, WV 26726-8407	N/A	2021	NO	Montum Architecture
Frito Lay Distribution Center | Fort Ashby, WV	Mineral Fabrication & Machine Co., Inc. 365 Waxler Road, Keyser, WV 26726	$25,000	2021	YES	Mineral Fabrication
ZMM Frankfort Primary School | Short Gap, WV	ZMM Architects and Engineers 222 Lee St W, Charleston, WV 25302	$16,000	2023	YES	ZMM Architects and Engineers
Surveying Services for Mineral County Sheriff Building/Court House/Magistrate Building | Mineral County, WV	68 Armstrong St, Keyser, WV 26726	$15,000	2022	YES	Montum Architecture
South Branch Community and Technical Center | Grant County, WV	Williamson Shriver Architects, Inc. 717 Bigley Ave, Charleston, WV 25302	$18,900	2022	YES	Williamson Shriver Architecture
Catamount Place Environmental Site Assessment | Keyser, WV	Montum Architecture, LLC 55 Er Path, Keyser, WV 26726-8407	$4,000	2024	N/A	Montum Architecture

19. COMPLETED WORK WITHIN LAST 5 YEARS ON WHICH YOUR FIRM HAS BEEN A SUB-CONSULTANT TO OTHER FIRMS (INDICATE PHASE OF WORK FOR WHICH YOUR FIRM WAS RESPONSIBLE)					
PROJECT NAME, TYPE AND LOCATION	NAME AND ADDRESS OF OWNER	ESTIMATED CONSTRUCTION COST OF YOUR FIRM'S PORTION	YEAR	CONSTRUCTED (YES OR NO)	FIRM ASSOCIATED WITH
Mountain Valley Pipeline Avian Construction Surveys | Sutton, WV	Environmental Solutions & Innovations, Inc 4525 Este Avenue, Cincinnati, OH 45232	N/A	2023	YES	Engineering Strategies, Inc.

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

INTRODUCTION

RK&K understands the vision of this contract and the need for future completion of various projects. Our firm provides a wide range of expertise in infrastructure design, construction engineering, inspection, and management services. If a project task requires the expertise of a mining engineer, RK&K would reach out to an experienced and qualified sub-consultant to add to our team to oversee project completion. Overall, we are committed to providing professional engineering services and developing contract plans, bidding documents, along with construction oversight in accordance with WVDEP's vision and requirements.

Project Management Approach and Internal Systems

Our project management approach is designed to ensure timely performance using advanced internal systems that facilitate real-time tracking of project milestones and resource allocation. We utilize platforms such as Procore, SharePoint, and ProjectWise to integrate planning, design, procurement, and construction into a single collaborative system. This streamlines project management records and enhances transparency throughout program delivery. We prioritize starting with the end in mind, establishing document controls early to ensure efficient project close-out.

Personnel Availability and Resource Planning

We maintain a flexible staffing model that allows us to allocate personnel efficiently to meet overlapping or expedited deadlines. Each team member proposed for this project is selected based on their experience and performance, ensuring that we have the right expertise available throughout the project lifecycle. Our contract manager will continuously assess staffing needs and identify resources to address any gaps, keeping the project on schedule.

Communication Plan, Progress Tracking, and Prompt Issue Resolution

Our communication plan includes regular updates and progress tracking through digital platforms, ensuring that all stakeholders are informed. Monthly progress reports accompany invoices, summarizing completed activities and forecasting upcoming tasks. If issues arise, we follow a project communication plan to inform stakeholders immediately and propose solutions as part of a recovery plan.

TECHNICAL EXPERTISE

Example of Past AML or Similar Projects

While we do not showcase projects directly within the AML funding and program umbrella, our firm has successfully completed numerous projects related to mine reclamation, soil analysis, site stabilization, water quality/treatment, and hydrology. Our team consists of highly qualified professionals, including registered engineers and specialists across various disciplines, ensuring we will meet the diverse needs of the various projects needing completion.

Geotechnical/Soil Investigation and Analysis

RK&K's Geotechnical Engineering department consists of graduate engineers and geologists who have been providing in-house soil analysis for over 75 years. We routinely conduct subsurface explorations to sample soil, rock, and groundwater, perform laboratory testing, and conduct geotechnical engineering analysis to support a wide variety of infrastructure projects for the design of roadways, bridges, retaining walls, fill embankment or cut slope stability, geohazds analysis, stream stabilization, trench and trenchless utility construction, and SWM facilities. The group also supports municipal water and wastewater projects. We coordinate closely with our Hazmat geologists, natural and cultural resources team, soil scientists, fluvial geomorphologists, and permit specialists. We provide geotechnical support throughout RK&K for federal, state and local agency projects.

RK&K's field engineers, geologists and drill crews are certified in 29 CFR 1910.120 (HAZWOPER) OSHA Safety Training, First Aid, CPT, and some are trained in radiation safety, trench safety, and confined space entry as well. Typically, all field work is conducted utilizing OSHA Level D Personal Protective Equipment. All field crews, (drillers, helpers, and inspectors) wear high visibility safety apparel which is in accordance with SHA's policy. All RK&K field engineers and geologists are accredited by the National Highway Institute (NHI) as certified drill rig inspectors and by RK&K field engineers and geologists routinely classify soils in accordance with the USCS, AASHTO, and USDA classification systems. RK&K field personnel are also routinely cross-trained in environmental hazmat investigation requirements for field screening, selection of samples for chemistry testing, equipment decontamination, and QA/QC protocols.

RK&K routinely uses aerial photographs and geophysics to determine the location of borings to reduce the cost and time of the field testing. RK&K has conducted and recommended the use of in-situ testing, such as CPT, DMT and geophysical techniques, to provide subsurface information with less disturbance to the ground surface than conventional SPT borings. This is important in environmentally sensitive areas. RK&K will perform an initial map reconnaissance to study the cultural features, utilities and underlying geology of the site and will visit the site to observe firsthand the conditions and to develop a scope of work. During the field investigation phase, the RK&K Team is always sensitive to the needs and desires of residents and businesses and sensitive environmental issues. We make every effort to restrict our means and methods of exploring the subsurface conditions to minimize the inconvenience to the residents or businesses by using small or low pressure, rubber tracked drilling equipment or using in situ testing methods that lessen the disturbances. We take all appropriate safety measures to separate the public from the work area and all our drill rig inspection engineers and geologists are accredited MOT managers.

RK&K uses laboratories that are AASHTO accredited to perform testing, including consolidation testing, Triaxial and direct shear testing, unconfined compression testing of rock, concrete and soil and CBR testing, and classification and index testing of soils and aggregate. All laboratory tests are completed in accordance with applicable AASHTO and ASTM specifications. Analytical chemistry is performed by laboratories that are licensed in West Virginia and hold National Environmental Laboratory Accreditation Program (NRLAP) certification.

RK&K specializes in all phases of preparing GERs to guide the geotechnical design portions of environmental, transportation and other civil projects. RK&K strives to produce GERs that contain clear, concise language that is easily understood and applied to final design and plan, specification, and special provision development.

Hydrology and Hydraulic Analysis

We conduct thorough hydrological assessments to understand water flow and its impact on abandoned mine sites. Our hydraulic analysis supports the development of effective drainage and water management solutions, critical for preventing erosion and contamination. Our expertise in hydraulics is complemented by our collaboration with specialists in the field, ensuring comprehensive project delivery. RK&K professionals are proficient with a wide variety of modeling techniques, using software such as GISHydro, HEC-HMS, HEC-RAS, WINTR-55/20, HY-8, HydroCAD, XP-SWMM, PCSWMM, TUFLOW, SRH-2D and other 1-2-D modeling software to accurately predict H/H conditions within streams, rivers, channels, storm drains, and SWM facilities.

Stormwater and Erosion Control Management

Our firm specializes in developing stormwater management plans that comply with regulatory requirements while effectively controlling erosion. We implement the best management practices to mitigate the impact of stormwater runoff on surrounding environments. Our experience includes designing erosion and sediment control plans that align with local and federal guidelines.

Preliminary Design, Final Design, and Construction Documents

Our design process includes both preliminary and final design phases, ensuring that all construction documents are comprehensive, compliant with applicable standards, and achieve established client objectives. We prioritize clarity and detail in our documentation to facilitate smooth project execution. Our project management plan includes a detailed scope of work, budget, and anticipated schedule, which are reviewed with stakeholders.

Permitting

We have extensive experience navigating the permitting process for environmental and construction projects. Our team is well-versed in local, state, and federal regulations, ensuring that all necessary permits are obtained in a timely manner. We coordinate closely with regulatory agencies to facilitate the permitting process and address any concerns that may arise.

Mobile and Aerial LiDAR Capabilities

Our firm employs mobile and aerial LiDAR technology for precise data collection and analysis. This capability enhances our surveying and mapping processes, providing high-resolution topographical data that informs project planning. The use of LiDAR technology allows us to conduct thorough site assessments and improve the accuracy of our designs.

RK&K employs the LiDAR system across various design projects, utilizing its advanced capabilities for multiple functions. The following are key applications of LiDAR technology in RK&K's design projects:

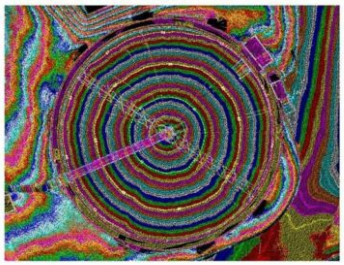


Figure 18 – Primary Clarifier No. 1 floor slab contours

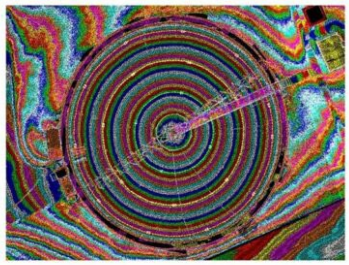


Figure 19 – Primary Clarifier No. 2 floor slab contours

- *Mapping and Surveying:* LiDAR is utilized for high-definition mapping of highways, bridges, tunnels, and buildings. Technology allows for the collection of dense data sets that accurately represent terrain and physical assets, which is crucial for planning and design purposes.
- *Data Collection for Environmental Projects:* LiDAR data is collected cost-effectively for individual projects or specific areas such as stream and shoreline reaches. This data meets traditional survey tolerances and is essential for environmental assessments and restoration projects.
- *Integration with Other Data Sources*: LiDAR data can be fused with conventional, aerial, and mobile data sets to produce comprehensive survey deliverables. This integration enhances the quality and reliability of the data used in design projects.
- *Static and Mobile LiDAR Applications:* RK&K employs both static and mobile LiDAR systems. Static LiDAR is used in areas inaccessible to vehicles, while mobile LiDAR captures data from vehicle-based platforms, improving safety and efficiency during data collection.
- *Geospatial Analysis and GIS Integration:* The data collected through LiDAR is processed to create various geospatial products, including photogrammetric point clouds and digital surface models. This integration supports Geographic Information System (GIS) mapping, which is essential for environmental inventories and transportation planning.
- *Monitoring and Inspections:* LiDAR is effective for monitoring construction activities and post-construction conditions. It provides real-time data that can be used for discussions with stakeholders and for making informed design modifications during construction.
- *Stream Restoration and Ecological Projects:* LiDAR technology is particularly valuable in stream restoration, pond retrofits, and ecological restoration projects. It aids in developing bathymetry, assessing habitat function, and monitoring shoreline erosion rates.

Development of Balanced Earthwork and Grading

At RK&K, we leverage advanced modeling techniques, including the use of Computer-Aided Design and Drafting (CADD) and SITEOPS® software, to develop balanced earthwork and grading plans that optimize site conditions while minimizing environmental impact.

- *Advanced Modeling Techniques:* Our team employs sophisticated modeling tools that allow us to create precise grading plans tailored to the specific topography and soil conditions of each site. By utilizing CADD systems, we can produce detailed drawings and simulations that facilitate the visualization of grading operations, ensuring that all design elements are accurately represented. This capability enhances our ability to coordinate various aspects of the project, from initial design through to construction.

- *SITEOPS® for Optimization:* In addition to traditional CADD applications, we utilize SITEOPS®, a powerful site optimization tool that enables us to perform conceptual design layouts rapidly. This software allows us to run millions of iterations of grading solutions, targeting earthwork balance to minimize costs while addressing environmental considerations. The dynamic nature of SITEOPS® means that as we adjust horizontal and vertical alignments, set pad elevations, or modify mass grading, we can simultaneously generate real-time cost estimates. This immediate feedback empowers our team to make informed decisions quickly, ensuring that we remain agile in response to site discoveries or changing project requirements.

- *Efficient Excavation and Fill Operations:* Our approach to balanced earthwork involves a thorough analysis of excavation and fill operations to ensure they are both efficient and sustainable. By integrating data from detailed CADD survey files and publicly available Geographic Information System (GIS) files, we can assess site-specific challenges and develop strategies that comply with regulatory requirements. This comprehensive analysis allows us to minimize the environmental footprint of our operations, ensuring that sensitive areas are preserved and that we adhere to best practices in environmental stewardship.

- *Collaboration and Communication:* Our commitment to collaboration extends to all stakeholders involved in the project. By utilizing cloud-based platforms, we can share our models and designs with clients and team members, facilitating discussions around potential changes and allowing for real-time adjustments. This collaborative approach not only enhances transparency but also ensures that all parties are aligned with the project goals and requirements.

RK&K's expertise in advanced modeling techniques, combined with our proficiency in CADD and SITEOPS®, positions us to deliver balanced earthwork and grading plans that are efficient, sustainable, and responsive to the unique challenges of each project. Our innovative approach ensures that we meet regulatory standards while optimizing site conditions, contributing to the success of our clients' development projects.

Environmental and NEPA Compliance

We are committed to environmental stewardship and compliance with the National Environmental Policy Act (NEPA). Our environmental assessments are thorough and aim to identify potential impacts, ensuring that our projects are sustainable and responsible. We prepare comprehensive environmental documents and coordinate with regulatory agencies to secure necessary approvals.

Additional Services

In addition to the core services outlined, we offer a range of additional services, including community engagement, public education initiatives, and post-project monitoring to ensure long-term success and compliance with environmental standards. Our commitment to stakeholder involvement and transparency is a key aspect of our project management philosophy.

21. The foregoing is a statement of facts.			
Signature: 	Title: Partner	Printed Name: Nathan Atkinson, PE	Date: 8/20/25

ATTACHMENT B

PROJECT	Exp. Basis C=Corp. P=Personnel *	Additional Info Provided in Section (s) **	PROJECT EXPERIENCE REQUIREMENTS														PRIMARY STAFF PARTICIPATION/CAPACITY *** M=Management P=Professional						
			Abandoned Surface Mine Reclamation	Abandoned Deep Mine Reclamation	Portal/Shaft Closure	Hydrologic/Hydraulic Design/Eval.	Remining Evaluation	Mine/Refuse Fire Abatement	Subsidence Investigation Mitigation	Hazardous Waste Disposal	Project Specifications	Water Quality Evaluation/Nitigtion/ Replacement	Construction Inspection/ Management	Water Treatment	Active/Passive Water Treatment Systems	Equipment/Structure Removal	Stream Restoration	Geotechnical/ Stability	Stanislawczyk, Jeff, S., PE	Cole, John, W., PE	Trimble, Jennifer, L., PE, BC. GE	Mize, Jim, W., PG	Clunie, Jon, A., PE	Earp, Tom, A., GISP	Wimer, Rion, N., PE
Morgan State University Stadium Way Slope Stabilization, Baltimore, MD	C	12B, 13.B				X			X				X				X	X	P		M				
WVDOH US 52 Gilbert Connector Design Build, Mingo County, WV	C	12B, 13.B				X			X				X					X	P	M	M			M	
MDOT SHA Geotechnical Engineering Services, Statewide, MD	C	12B, 13.B, 2C, 13E				X			X				X					X	P		M				
WVDOH Apple Harvest Drive Widening, Berkeley, WV	C	12C, 13E				X					X		X						P	P			M		
MDSHA I-695 from I-70 to MD 43 Transportation Systems Management and Operation, Baltimore County, MD	C	12C, 13E				X												X		P	P		M		
MDSHA I-270 Innovative Congestion Management, Montgomery & Frederick, MD	C	12C, 13E				X												X			P		M		
MDTA Comprehensive Preliminary & Final Engineering Design Services, Statewide, MD	C	12C, 13E				X												X			P		M		
New Creek Water Association Water Improvements Project,	C	12G, 13H										X	X		X					M	P				M

ATTACHMENT B

PROJECT	Exp. Basis C=Corp. P=Personnel *	Additional Info Provided in Section (s) **	PROJECT EXPERIENCE REQUIREMENTS															PRIMARY STAFF PARTICIPATION/CAPACITY *** M=Management P=Professional						
			Abandoned Surface Mine Reclamation	Abandoned Deep Mine Reclamation	Portal/Shaft Closure	Hydrologic/Hydraulic Design/Eval.	Remining Evaluation	Mine/Refuse Fire Abatement	Subsidence Investigation Mitigation	Hazardous Waste Disposal	Project Specifications	Water Quality Evaluation/Nitigtion/ Replacement	Construction Inspection/ Management	Water Treatment	Active/Passive Water Treatment Systems	Equipment/Structure Removal	Stream Restoration	Geotechnical/ Stability	Stanislawczyk, Jeff, S., PE	Cole, John, W., PE	Trimble, Jennifer, L., PE, BC. GE	Mize, Jim, W., PG	Clunie, Jon, A., PE	Earp, Tom, A., GISP	Wimer, Rion, N., PE
New Creek, WV																									
WVDOH Statewide CEI & QAM Services – D5 Wastewater Treatment Plant, Burlington, WV	**C**	**12G, 13H**				**X**							**X**										**P**		**M**
WVDOH John Blue Bridge, Springfield, WV	**C**	**12G, 13H**							**X**				**X**									**P**	**P**		**M**
MSHA OPPE Transportation Innovation Services, Statewide, MD	**C**	**12C, 13E**																					**P**	**M**	
Maryland Port Administration CATS+ TORFP GIS On-Call Services, Statewide MD	**C**	**12C, 13E**							**X**									**X**					**P**	**M**	
Maryland Environmental Services Fishing Creek Dam Geotechnical Report, Frederick County, MD	**C**	**12C, 13E**				**X**			**X**									**X**	**P**				**P**	**M**	
Johns Hopkins University Applied Physics Laboratory GIS Services, Columbia, MD	**C**	**12C, 13E**							**X**		**X**		**X**						**P**					**M**	**P**
Fountain PSD Water System Improvements Project, Fountain, WV	**C**	**13A, 13B**										**X**		**X**					**P**	**M**					
Frankfort Public Service	**C**	**13A,**										**X**		**X**					**P**	**M**	**P**				

ATTACHMENT B

PROJECT	Exp. Basis C=Corp. P=Personnel *	Additional Info Provided in Section (s) **	PROJECT EXPERIENCE REQUIREMENTS															PRIMARY STAFF PARTICIPATION/CAPACITY *** M=Management P=Professional						
			Abandoned Surface Mine Reclamation	Abandoned Deep Mine Reclamation	Portal/Shaft Closure	Hydrologic/Hydraulic Design/Eval.	Remining Evaluation	Mine/Refuse Fire Abatement	Subsidence Investigation Mitigation	Hazardous Waste Disposal	Project Specifications	Water Quality Evaluation/Nitigtion/ Replacement	Construction Inspection/ Management	Water Treatment	Active/Passive Water Treatment Systems	Equipment/Structure Removal	Stream Restoration	Geotechnical/ Stability	Stanislawczyk, Jeff, S., PE	Cole, John, W., PE	Trimble, Jennifer, L., PE, BC. GE	Mize, Jim, W., PG	Clunie, Jon, A., PE	Earp, Tom, A., GISP	Wimer, Rion, N., PE
District Fort Ashby Water Treatment Plant Upgrades, Wiley Ford, WVM		**13B**																							
New Creek Water Association Water System Improvements, Mineral County, WV	**C**	**13B**										**X**		**X**	**X**				**P**	**M**					
Town of Paw Paw Water System Improvements, Morgan County, WV	**C**	**13A**														**X**			**M**	**M**					**P**
Town of Wardensville Water System Upgrade, Town of Wardensville, WV	**C**	**13A**														**X**			**M**	**M**					**p**
Town of Wardensville Sewer System Upgrade, Town of Wardensville, WV	**C**	**13A**												**X**					**M**	**M**					

*** List whether project experience is corporate or personnel based or both.**

**** Use this area to provide specific sections or pages if needed for reference.**

***** List Primary Design personnel and their functional capacity for the projects listed.**

RK&K

Effective April 1, 2025

PARTNERS

MIRIAM "MIMI" KRONISCH,
PE, CCM

PHONE: 703.926.1058

ADMIN: Ann McIntyre

CEI
FL, GA, NC, TN, SC, VA

Transportation
FL, VA

Site Development
VA

Creative
Communications
Graphics
Marketing

MELINDA B. PETERS,
PE, CCM

PHONE: 443.865.9865

ADMIN: Odette Johnson

CEI
TX

Transportation
CO, DC, DE, MD, PA, TX

B. KEITH SKINNER,
PE

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ADMIN: Jaime Schnurr

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GA, NC, SC, TN

NATHAN C. ATKINSON,
PE

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ADMIN: Monique Edens

Energy & Corrosion
All

Environmental
All

Right of Way
All

Site Development
DC, MD

Transportation/CEI
WV

Water/Wastewater
All

VANCE TSIAMIS,
PE, PSP, CCM

PHONE: 410.382.4128

ADMIN:

CEI
DC, DE, MD, PA

Project Controls
All

PETER PATRONE,
CPA

PHONE: 202.270.5956

ADMIN: Diane Allen-Page

Accounting

Business

Career Development

Human Resources

IT

Legal

Recruiting

Safety

EXECUTIVE DIRECTORS

DIRECTORS, SENIOR MANAGERS, MANAGERS, PROJECT MANAGERS

TECHNICAL & SUPPORT PERSONNEL

RK&K is a full-service planning, engineering, environmental and construction management/inspection firm serving a wide range of clients in the mid-Atlantic, South-eastern and South-central United States. With more than 1,850 professional and support staff, we offer responsive people and creative solutions to a variety of projects from more than 38+ offices strategically located throughout the mid-Atlantic, South-eastern and South-central United States. Our teams work closely with clients and partners to achieve project goals, delivering excellence with a commitment to quality. This dedication has earned us a reputation as a trusted partner, responsive employer, and responsible community steward.

Headquartered in Baltimore, RK&K is a limited liability partnership owned and operated by six equal partners and managed by executive directors and directors who lead and coordinate projects and staff, serve as liaisons with clients and teaming partners, and enhance projects with their vital technical expertise. In an industry where many consulting firms within the A/E sector are being acquired or consolidated, our firm structure provides stability and continuity for both our employees and clients. RK&K has relied primarily on organic growth, having acquired only one firm in recent history to enhance our natural expansion. This has allowed us to maintain our core values and culture while steadily growing. As a result, our clients know they can count on us to be a consistent and reliable partner—as we have for more than 100 years.

MIRIAM "MIMI" KRONISCH, PE, CCM (Fairfax, VA)

Total Work Experience:
28 (22 with RK&K)

Education:
BS, Civil Engineering, George Washington University

Licensure:
Professional Engineer (AZ, DC, FL, GA, MD, MS, NC, SC, TN, TX, VA)

Certified Construction Manager

Areas of Expertise:
Construction Engineering & Inspection (CEI), Transportation

Mimi oversees many of RK&K's CEI and transportation contracts and provides strategic direction, resource allocation support, and quality control for RK&K's operations.

Mimi began her career working for a heavy civil contractor, managing roadway and bridge construction projects. In 2002, she joined RK&K's transportation design group performing roadway and signal design for VDOT and localities in Virginia. In addition, she also managed the construction phases of major transportation projects including the Woodrow Wilson Bridge (Virginia Interchange contracts) and the Fairfax County Parkway/Fair Lakes Interchange.

MELINDA PETERS, PE, CCM (Baltimore, MD)

Total Work Experience:
30 (9 with RK&K)

Education:
MBA, Business Administration, Mount Saint Mary's University

BS, Civil Engineering, Virginia Polytechnic Institute and State University

Licensure:
Professional Engineer (CO, CT, DC, DE, FL, GA, MD, NC, NY, OH, OK, PA, RI, TX, VA, WV)

Certified Construction Manager

Areas of Expertise:
Construction Engineering & Inspection (CEI), Transportation

Melinda oversees many of RK&K's CEI and transportation contracts and provides strategic direction, resource allocation support, and quality control for RK&K's operations.

Prior to joining RK&K, Melinda spent 20 years working for the Maryland Department of Transportation and served as the Maryland State Highway Administrator from 2011 to 2015. In this role, she oversaw a $1.4B annual budget and was responsible for more than 3,000 employees who maintained and operated 17,000 miles of state highways and 2,500 bridges. She also served as the program manager for the planning through construction of one of the largest and "greenest" transportation projects in the country, the Intercounty Connector (or MD 200). Under Melinda's leadership, this design-build program was delivered within the $2.5B budget.

B. KEITH SKINNER, PE (Raleigh, NC)

Total Work Experience:
35 (35 with RK&K)

Education:
BS, Civil Engineering, North Carolina State University

Licensure:
Professional Engineer (AL, AZ, FL, GA, IN, ME, MS, NC, SC, TN)

Areas of Expertise:
Transportation

Keith's journey at RK&K began more than three decades ago, evolving from an intern to his current role as partner.

As a leader in transportation engineering, Keith oversees and provides expert technical guidance for projects across the Southeast, leveraging his comprehensive understanding of the field. His expertise spans all facets of transportation engineering, with a particular strength in design-build methodologies. In addition to his technical leadership, Keith's knowledge of RK&K's rigorous quality assurance and quality control (QA/QC) protocols have been pivotal to the firm's consistent project success.

NATHAN "NATE" ATKINSON, PE (Baltimore, MD)

Total Work Experience:
23 (6 with RK&K)

Education:
BS, Biological/Environmental Engineering: Environmental Option, Cornell University

Licensure:
Professional Engineer (DC, DE, FL, GA, LA, MD, MS, NC, PA, TX, VA, WV)

Areas of Expertise:
Environmental, Water Resources/Resiliency, Water/Wastewater, Energy, Corrosion

Nate oversees a diverse portfolio of environmental engineering projects, demonstrating expertise in condition assessments, planning, design, and construction management. His role involves the review of planning and construction documents, ensuring accuracy and completeness at every stage.

Nate's background includes utility hydraulic modeling and system capacity evaluations, often addressing consent order requirements. His expertise includes overseeing large sewershed studies and Sewer System Evaluation Surveys (SSES); utility rehabilitation techniques like cured-in-place piping (CIPP), pipe bursting, and manhole lining; and new sewer design for large diameter systems using various installation methods.

PETER PATRONE, CPA (Baltimore, MD)

Total Work Experience:
23 (5 with RK&K)

Education:
Masters of Accounting, American University

BA, Science in Business Administration, International Marketing

Licensure:
Certified Public Accountant

Areas of Expertise:
Business Management

Pete is a Certified Public Accountant with extensive financial and business management experience, including financial leadership roles with construction and civil engineering, and government contracting companies. Over the course of his career, Pete has worked closely with senior leadership teams to expand their respective businesses through both organic growth and acquisitions. He has worked with marketing teams on numerous pursuits in the transportation and water resources sectors, as well as new construction in the commercial and energy sectors, and partnered with international engineering and construction companies on large bridge projects. Pete has also led teams through firmwide initiatives to improve internal processes and develop new lines of business.

VANCE TSIAMIS, PE, PSP, CCM (Baltimore, MD)

Total Work Experience:
25 (10 with RK&K)

Education:
BS, Civil Engineering, University of Maryland

Licensure:
Professional Engineer (DC, FL, GA, MD, NC, PA, TN, VA)

Project Management Professional (PMP)

Certified Construction Manager (CCM)

Areas of Expertise:
Construction Management, Project Delivery Methods, Transportation Engineering, Water/Wastewater Infrastructure, Utility Coordination

Vance oversees a wide range of construction management projects, showcasing his proficiency in both traditional and alternative delivery methods. His responsibilities include project planning, execution, and oversight, ensuring that projects meet quality standards and are completed on time and within budget.

Vance's extensive experience encompasses managing complex transportation and utility projects, including roadway design, bridge construction, and water/wastewater infrastructure improvements. He is adept at coordinating with multiple stakeholders, including clients, subcontractors, and regulatory agencies, to facilitate seamless project execution.

His expertise also includes risk management, cost estimation, and quality assurance/quality control (QA/QC) processes, which are critical to maintaining project integrity and compliance with industry standards. Vance is committed to fostering a collaborative team environment that emphasizes communication and proactive problem-solving to achieve project objectives effectively.

CERTIFICATE OF Authorization

STATE BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS

The West Virginia State Board of Registration for Professional Engineers having verified the person in responsible charge is registered in West Virginia as a professional engineer for the noted firm, hereby certifies

RK&K ENGINEERS, LLP

C01505-00

Engineer in Responsible Charge: MELINDA BOGLEY PETERS - WV PE 022162

has complied with section §30-13-17 of the West Virginia Code governing the issuance of a Certificate of Authorization. The Board hereby notifies you of its certification with issuance of this Certification of Authorization for the period of:

January 1, 2024 - December 31, 2025

providing for the practice of engineering services in the State of West Virginia.

IF YOU ARE REQUIRED TO REGISTER WITH THE SECRETARY OF STATE'S OFFICE, PLEASE SUBMIT THIS CERTIFICATE WITH YOUR APPLICATION.

IN TESTIMONY WHEREOF, THE WEST VIRGINIA STATE BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS HAS ISSUED THIS COA UNDER ITS SEAL, AND SIGNED BY THE PRESIDENT OF SAID BOARD.

Scott E. Thomas Jr.

BOARD PRESIDENT

Office of Surface Mining Reclamation and Enforcement
Instructions for Completing the AML Contractor Form OMB #1029-0119

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

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

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

You can obtain an OFT two ways:

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

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

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

Part C: Certifying and updating information in the Applicant/Violator System (AVS). Part C should be completed by the AML Contractor. Please check the box that best describes your situation, sign and date.
Note: Signature date must be recent (within 30 days) to be considered.

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

Answers to Part D FAQs:

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

What address and phone number should I use?
Use the address and phone number where the person receives business correspondence.

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

OMB # 1029-0119
Expiration Date:
01/31/2028

ABANDONED MINE LANDS (AML) CONTRACTOR INFORMATION FORM

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

Part A: General Information

Business Name:	Rummel, Klepper & Kahl, LLP
Tax ID #:	52-0599112
Address:	700 East Pratt Street, Suite 500
City, State, & Zip:	Baltimore, MD 21202
Phone Number:	410.728.2900
Email Address:	natkinson@rkk.com

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

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

Part C: Certifying and updating information in the AVS

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

I, _____, have express authority to certify that:
(Print Name)

☐ 1. Our business is listed in the AVS. The information is accurate, complete, and up to date. (If you select this option, you must attach an Entity OFT from the AVS to this form). Do not complete Part D.

☐ 2. Our business is in the AVS. The information needs to be updated. (If you select this option, you must attach an Entity OFT from the AVS to this form). Complete Part D to provide the missing or corrected information.

☒ 3. Our business is not listed in the AVS. The information needs to be added. Complete Part D to provide the information.

8/20/2025		Partner
Date	Signature	Title

OMB # 1029-0119
Expiration Date:
01/31/2028

Part D: OFT Information

Contractor's Business Name: Rummel, Klepper & Kahl, LLP

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

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

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

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

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

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

PAPERWORK REDUCTION STATEMENT

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

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

DESIGNATED CONTACT: Vendor appoints the individual identified in this Section as the Contract Administrator and the initial point of contact for matters relating to this Contract.

(Printed Name and Title) Jeff Stanislawczyk, Contract Manager

(Address) 159 Plaza Drive, Keyser, WV 26726

(Phone Number) / (Fax Number) 304-788-3370 / 304-788-3577

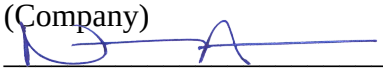
(email address) jstanislawczyk@rkk.com.

CERTIFICATION AND SIGNATURE: By signing below, or submitting documentation through *wv*OASIS, I certify that: I have reviewed this Solicitation/Contract in its entirety; that I understand the requirements, terms and conditions, and other information contained herein; that this bid, offer or proposal constitutes an offer to the State that cannot be unilaterally withdrawn; that the product or service proposed meets the mandatory requirements contained in the Solicitation/Contract for that product or service, unless otherwise stated herein; that the Vendor accepts the terms and conditions contained in the Solicitation, unless otherwise stated herein; that I am submitting this bid, offer or proposal for review and consideration; that this bid or offer was made without prior understanding, agreement, or connection with any entity submitting a bid or offer for the same material, supplies, equipment or services; that this bid or offer is in all respects fair and without collusion or fraud; that this Contract is accepted or entered into without any prior understanding, agreement, or connection to any other entity that could be considered a violation of law; that I am authorized by the Vendor to execute and submit this bid, offer, or proposal, or any documents related thereto on Vendor's behalf; that I am authorized to bind the vendor in a contractual relationship; and that to the best of my knowledge, the vendor has properly registered with any State agency that may require registration.

By signing below, I further certify that I understand this Contract is subject to the provisions of West Virginia Code § 5A-3-62, which automatically voids certain contract clauses that violate State law; and that pursuant to W. Va. Code 5A-3-63, the entity entering into this contract is prohibited from engaging in a boycott against Israel.

Rummel, Klepper & Kahl, LLP

(Company)



(Signature of Authorized Representative)

Nathan C. Atkinson, PE Partner

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

410-299-3224 / 717-633-1987

(Phone Number) (Fax Number)

natkinson@rkk.com

(Email Address)

ADDENDUM ACKNOWLEDGEMENT FORM
SOLICITATION NO.:

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

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

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

- ☑ Addendum No. 1
- ☐ Addendum No. 2
- ☐ Addendum No. 3
- ☐ Addendum No. 4
- ☐ Addendum No. 5
- ☐ Addendum No. 6
- ☐ Addendum No. 7
- ☐ Addendum No. 8
- ☐ Addendum No. 9
- ☐ Addendum No. 10

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

Rummel, Klepper & Kahl, LLP

Company

Authorized Signature

8/20/2025

Date

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