



**State of West Virginia  
Department of Administration  
Purchasing Division**

**NOTICE**

Due to the size of this bid, it was impractical to scan every page for online viewing. We have made an attempt to scan and publish all pertinent bid information. However, it is important to note that some pages were necessarily omitted.

If you would like to review the bid in its entirety, please contact the buyer. Thank you.

\*\*\*

# Statement of Qualifications

West Virginia Department of Environmental Protection  
Fairmont (DAC) S,CS,P Design Project

DEP16131

March 1, 2013

# HRG

**Herbert, Rowland & Grubic, Inc.**  
**Engineering & Related Services**

03/01/13 09:52:33 AM  
West Virginia Purchasing Division

240 Scott Avenue, Suite 1  
Morgantown, WV 26508

(304) 284-9222

[www.hrg-inc.com](http://www.hrg-inc.com)

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# TABLE OF CONTENTS

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## **Statement of Qualifications**

Transmittal Letter

Corporate Overview

Firm Capabilities

Management and Staffing

## **Appendix**

Appendix A	Insurance and Worker's Compensation Certification
Appendix B	DEP16131 Signature Sheets and Affidavit
Appendix C	AML Consultant Confidential Qualification Questionnaire
Appendix D	AML and Related Project Experience Matrix
Appendix E	Team Resumes



[ BUILDING RELATIONSHIPS.  
DESIGNING SOLUTIONS. ]

March 1, 2013

Frank Whittaker  
Department of Administration  
Purchasing Division  
2019 Washington Street, East  
P.O. Box 50130  
Charleston, WV 25305-0130

RE: Expression of Interest  
West Virginia Department of Environmental Protection  
DEP 16131 – Fairmont (DAC) S,CS,P Design Project

Dear Mr. Whitaker:

Herbert, Rowland, & Grubic, Inc. (HRG) is pleased to submit for your consideration this proposal and "Expression of Interest" for the West Virginia Department of Environmental Protection (WVDEP), Office of Abandoned Mine Lands and Reclamation (AML&R) to provide engineering services for the Fairmont (DAC) Design project.

We have assembled a team of highly experienced personnel within the firm who have provided similar engineering services for numerous abandoned mine land reclamation and related projects over the years for a variety of clients including the West Virginia Department of Environmental Protection, the Pennsylvania Department of Environmental Protection, and the Ohio Department of Natural Resources. Our team is supplemented by two sub-consultants: *Geomechanics* from Elizabeth, PA, a leader in providing geotechnical engineering services for over 42 years for literally hundreds of projects involving abandoned mine lands and reclamation located throughout Appalachia; and *Freelance Technical Associates, Inc.* from Fairmont, WV, with experience in design, construction, and surveying of AMD facilities dating back to 1975.

We welcome the opportunity to present our credentials to you and look forward to the chance to discuss our approach and our capabilities with the selection committee. Please contact me at 304-284-9222 if you have any questions or if I can provide any clarifications regarding our proposal.

Sincerely,  
HERBERT, ROWLAND, & GRUBIC, INC.

A handwritten signature in blue ink that reads "Samer".

Samer H. Petro, P.E.  
Office Manager/Senior Project Manager

Enclosures





Herbert, Rowland & Grubic, Inc.  
Engineering & Related Services

[ BUILDING RELATIONSHIPS.  
DESIGNING SOLUTIONS. ]

## CORPORATE OVERVIEW



Herbert, Rowland & Grubic, Inc. (HRG) is an engineering and related services firm. We serve the Mid-Atlantic and Mid-West states with a contingent of 227 engineers, surveyors, planners, finance professionals, project managers, right-of-way acquisition specialists, and program administrators and continue to be recognized annually as an *Engineering News-Record top 500* firm. HRG has been in business for 50 years building relationships and providing solutions to our clients. We have offices throughout Pennsylvania and West Virginia. The following is a brief summation that demonstrates HRG's unique qualifications to provide services to the West Virginia Department of Environmental Protection:

### Responsiveness and Commitment:

Several of our proposed team of experienced professionals West Virginia residents and are proud and eager to serve West Virginia and their community. This is an extension of the HRG culture where our staff is not focused solely on calculations and field data, but on people – our clients; the men, women, and children they serve; our employees; and the citizens of whom we share the local community. That's why we strive – before any plans are prepared – to get to know the needs of all stakeholders, so that we can design innovative solutions tailored to meet everyone's unique needs.

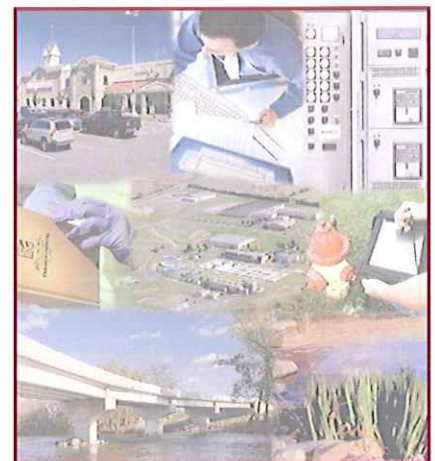
HRG's Morgantown, WV office is approximately 38 miles from Philippi, WV, 27 miles from Preston County, and is the location where Andrew Longenecker, our Project Manager, is based. With less than one hour of travel time, Andrew and the remainder of the Morgantown staff will be able to meet with WV DEP personnel whenever necessary to coordinate the details of any project or answer any questions you may have. In addition, our Cranberry Township and Harrisburg, PA office staff can easily respond and have an on-site presence within half working days' notice.

### Full Service Capabilities and Experience:

We are a 227 employee full service firm offering expertise in the areas of transportation, environmental site assessments, civil and water resources, water and wastewater, site design, surveying, and GIS. This broad range of capabilities further enhances our ability to serve you by enabling us to handle every project need in-house from the initial project concept to project delivery.

### Dedication to Quality Service:

It's especially desirable to hand over a project from start to finish to one firm when you know that firm possesses such strict standards for quality assurance and quality control as HRG does. In accordance with our quality control procedures, a project-specific QA/QC plan is developed for each undertaking that identifies project-specific communications procedures, schedule milestones, and checking milestones to be followed by all individuals. Our clients, including our higher education clients, can attest to the quality of our service.



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# FIRM CAPABILITIES

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Herbert, Rowland & Grubic, Inc.'s team of extremely experienced professionals, which includes several West Virginia registered professional engineers and surveyors, will work cohesively to meet and exceed your expectations. It is the experience and diverse background of our team members, working closely with our clients, that has ensured that our projects meet our clients' expectations and the needs of the communities that they serve. Made up of a diverse array of professional engineers, our team provides a "one-stop" resource that will provide you with **on-time quality services**. Our approach and methodology to provide all of the needed services, translates into a streamlined and seamless transition as projects progress from design to reality.

## Environmental:

Our Knowledgeable staff of geologists and environmental professionals is the first resource to consider for providing environmental studies, site assessments, permit applications, remedial investigations, land recycling solutions, regulatory compliance management and litigation support.

While project specifications may vary, we consistently adhere to protocols established through the ASTM Standard Practice E 1527-05 guidance. We've conducted hundreds of site assessments on projects ranging from undeveloped land to industrial facilities that have a long history of hazardous material usage, handling, and storage.

In addition, many state or federally funded projects require a different range of investigation and documentation in compliance with the National Environmental Policy Act (NEPA). HRG's extensive experience with this process allows us to effectively prepare and coordinate these investigations. We offer a full range of services covering the preparation of Categorical Exclusion Evaluations, Environmental Assessments and Environmental Impact Statements as well as public involvement, social resources, noise studies, and agency coordination.

For remedial investigations, we possess extensive experience performing characterization studies of sites contaminated by hazardous substances and petroleum products. For site where regulated substances are discovered, HRG has managed soil and groundwater remediation projects ranging from minor contamination of soil by petroleum distillates to sites requiring recovery of nonaqueous liquids PCBs, and/or heavy metals impacting soils and groundwater. We employ remedial technologies only after careful consideration of cost benefit and technical reliability.



HRG is also experienced in developing and implementing approved plans for reuse of inactive industrial properties through state-run, voluntary cleanup programs, especially Pennsylvania's Land Recycling and Environmental Remediation Standards Act of 1995 (Act 2).

Our compliance management expertise includes Waste Management & Minimization, Air Quality, Water Quality, Hazardous Materials, and OSHA/Worker Right-to-Know requirements. We conduct training, perform environmental compliance evaluations for internal auditing purposes, develop and implement environmental and safety management plans, support preparation and submittal of permit applications, notifications, reports and correspondence related to numerous aspects of environmental and safety management.

We complete Preparedness, Prevention and Contingency (PPC) Plans and Spill Prevention, Control and Countermeasure (SPCC) Plans to comply with applicable regulatory requirements, minimize the impact your operation may have on the environment in the event of a release and develop best management practices to prevent such accidental releases.

HRG staff has extensive experience in all aspects of wetland investigations, from identification & delineation to mitigation design, construction oversight, and long-term monitoring. Where impacts are unavoidable, HRG offers a full range of services to help you obtain water obstruction and encroachment permits from the Department of Environmental Protection and Section 404 Permits from the U.S. Army Corps of Engineers.

Our experience with natural resources also includes watershed assessments, stream and habitat assessments, in-stream macro invertebrate studies, stream restoration and stabilization design, threatened and endangered species coordination. We also integrate the latest GIS technologies to enhance our studies.

### **Water Resources:**

HRG provides a wide array of waterways permitting and design services that are targeted at preserving our streams, rivers and watersheds. Our services help you comply with current state and federal regulations while ensuring that these water resources can be enjoyed by future generations.

Our comprehensive watershed management services include assessing water quality using techniques such as macro-invertebrate study, identifying sources of potential runoff and pollution, designing Best Management Practices (BMPs), engineering stream restoration and stabilization measures, and preparing watershed assessments and river conservation plans. We also assist with the management of watershed alliances and help watershed organizations apply for the funding they need.

When wetlands will be impacted by a project, we identify and delineate these wetlands, prepare design alternatives to minimize the impact, and prepare the required permit applications if impact is unavoidable. We also design mitigation

measures and complete construction and post-construction monitoring to ensure the continued survival of the aquatic life that inhabit these wetlands.

We also have extensive and relevant experience in the preparation of Phase I and Phase II Act 167 Watershed Stormwater Management Plans throughout Pennsylvania. This experience has given us an in-depth understanding of the requirements of the Department of Environmental Protection (DEP) will have for this state funded program, which significantly enhances our efficiency in completing the projects.

HRG's experienced staff possesses years of experience assisting counties and local governments in developing ordinances to address water quantity, water quality and channel protection standards. We have subsequently also helped countless clients comply with these regulations on their commercial, residential and industrial projects.

As recognized experts on National Pollutant Discharge Elimination System (NPDES) permitting, we have conducted numerous presentations on NPDES regulations to government and industry throughout the region. We are also a recognized expert in obtaining NPDES Phase II permits from the Department of Environmental Protection for post-construction stormwater management facilities.

In addition, HRG provides services such as Hydrologic and Hydraulic Analysis in support of many projects. We use HEC-HMC hydrologic modeling and HEC-RAS hydraulic modeling and structure design, scour analysis, dam breach analysis, floodplain analysis, and erosion and sedimentation control design to help you obtain water obstruction and encroachment permits from the Department of Environmental Protection and Section 404 Permits from the U.S. Army Corps of Engineers.

### **Transportation:**

HRG's comprehensive array of traffic engineering services includes traffic impact studies, traffic signal design, congestion management studies and transportation planning. Our traffic studies, include an analysis of current and projected land use as well as thorough collection and analysis of existing traffic data. After identifying system requirements, we apply state-of-the-art software to design the most cost-effective traffic systems that maximize efficiency and promote safety.

Our transportation engineers have completed hundreds of roadway designs of verifying size and complexity – from interstate interchanges to bituminous overlays of local road. Our experience includes engineering services for dozens of large-scale improvement projects to enhance safety and increase capacity along major arterial roadways and interstates throughout the region.

Our engineers have completed more than 100 bridge replacements and rehabilitations. Our projects have ranged from locally sponsored, federally funded bridge replacements to state-owned, single- and multi-span structures traversing streams, highways and railroads. In addition, our Certified Bridge Safety Inspectors perform NBIS inspections to assess the physical integrity and structural adequacy of a wide variety of bridges.



Our staff provides comprehensive rail engineering services to private sector companies who rely on rail for transportation for their goods, public transportation agencies providing enhanced multi-model access, and railroad lines that transport freight for industry. We understand the fast-paced nature of your business and the dollars that depend on rapid response; therefore, we provide quick turnaround on all plans and deliverables to keep your project on track.

### **Surveying/GPS:**

Dependable, accurate surveys are the foundation for successful planning, design and construction. At Herbert, Rowland & Grubic, Inc. (HRG) we use a wide range of state-of-the-art technologies to provide clients with the most accurate, up-to-date survey data and mapping.

Demanding project schedules and short turnaround times are not a problem with HRG's experienced surveyors and technology. We employ modern equipment such as Real Time Kinematic (RTK) Global Positioning System units to dramatically cut the time needed for data collection. These RTK units allow a single person to collect more information in a day than a two-person could in the same time period using conventional methods, providing greater efficiency and cost savings. In addition, GPS technology provides greater accuracy over large project areas.

Our land surveyors utilize total station equipment with electronic data collection in the field enabling us to directly transfer the data to a computerized drafting system. This decreases the time for plan preparation and reduces the opportunity for error. In addition, our surveyors are proficient in a wide array of conventional surveys, including boundary and topographical surveys, American Land Title Association (ALTA) land title surveys, route surveys, highway surveys, record surveys, and construction surveys.

### **Land Development:**

Today, building commercial, residential and industrial developments is becoming more and more complex due to changing regulatory and environmental requirements. Developers and businesses need an engineering firm with technical expertise in a broad range of disciplines in order to expedite completion of their projects. Herbert, Rowland & Grubic, Inc. (HRG) is that firm. Our engineers combine their knowledge and expertise with proven project management skills to handle every aspect of the land development process. For our clients, this means an economical, functional, and aesthetically pleasing site design that is delivered on budget and on time, every time.

From site analysis and feasibility studies to construction administration, our multi-disciplinary staff of engineers, landscape architects, surveyors and environmental scientists provides complete concept-to-construction services. In addition to typical site design tasks, HRG offers a diverse accompaniment of capabilities in surveying, environmental studies, traffic analysis and roadway design, electrical engineering, and water and wastewater system design. Quality, innovative and cost-effective engineering, and water and wastewater system design.

HRG has Leadership in Energy and Environmental Design (LEED) accredited professionals on staff who plan and design sustainable, environmentally friendly spaces in which to live and work. Our capabilities include aesthetically pleasing streetscapes that become thriving town centers as well as greenways, recreational areas and Traditional Neighborhood Developments that encourage physical activity and interaction among neighbors. From master planning and feasibility analysis through innovative design of plantings and infrastructure for environmental enhancement of the site, HRG provides the full breadth of land development and landscape architecture services.

Our staff utilizes a wide variety of software and equipment to maximize our efficiency in completing each project. This includes advanced Global Positioning System (GPS) surveying techniques to provide highly accurate survey data in less time than conventional methods as well as a number of advanced CADD applications that enable us to deliver quality plans faster in order to meet your aggressive schedule. We also have online project collaboration software available to share project files, schedule meetings and assign tasks in a way that keeps everyone informed of project progress and keeps the project schedule and budget on track.





**Herbert, Rowland & Grubic, Inc.**  
**Engineering & Related Services**

[ BUILDING RELATIONSHIPS.  
DESIGNING SOLUTIONS. ]

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## MANAGEMENT & STAFFING

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The following is a brief overview of proposed key staff members who will be extensively involved in all WV DEP projects awarded to Herbert, Rowland & Grubic, Inc., including Donnie Thorn Highwall (DEP16072)

**Andrew J. Longenecker** is a Natural Resources Regional Service Group with Herbert, Rowland & Grubic, Inc. (HRG), and will act as **Project Manager** for the WV DEP and your prime point of contact. Possessing more than ten years of experience in the environmental field, Mr. Longenecker is responsible for the management of projects involving collection and analysis of watershed data, wetland identification and delineation, wetland mitigation design, site work, reports, bog turtle habitat screening, natural gas well pad and pipeline development, Phase I Environmental Site Assessment research and reports, and coordination with PADEP, US Army Corps of Engineers and additional federal and state agencies.

**James B. Gue** is an Environmental Scientist with Herbert, Rowland & Grubic, Inc. His responsibilities include field studies and assessments involving collection and analysis of watershed data; Phase I Environmental Assessment research and reports; wetland identification and delineation, wetland mitigation design, site work reports; traffic noise monitoring, modeling, and analysis; and the preparation of local, state, and federal permit applications. He also provides assistance with the development of geographic information systems and computer-aided drafting. Mr. Gue brings over 30 years of experience with the Ohio Division of Natural Resources including a background in the Abandoned Mine Lands Program, through which he conducted extensive acid mine drainage investigations, mining and reclamation inspections to monitor compliance with State and Federal laws, recommended mitigation methods and designs for acid mine drainage mitigation projects via multiple passive treatment system methodologies, including aerobic and anaerobic wetlands; prepared Acid Mine Drainage Abatement and Treatment plans for environmentally devastated watersheds; coordinated start-ups and acted as liaison to public environmental restoration efforts at multiple impacted watersheds, among other various roles he played throughout his extensive career history.

**Douglas E. Welkel** is the Director of Civil Services for Herbert, Rowland & Grubic, Inc. (HRG). Mr. Welkel has extensive experience in the preparation of studies, design, plans, and specifications for various municipal and civil engineering projects. His skills include municipal planning, construction management, contract administration, storm water design, and site design.

**Samer H. Petro** is the Manager of the Morgantown office of Herbert, Rowland & Grubic, Inc. (HRG), he provides client contact, business development, engineering design, and project management of various activities ranging from environmental studies, location studies, and analyses of alternative structures and roadways to final design of new structures and new highways; removal, replacement, and rehabilitation of existing structures, highways, and water and wastewater treatment facilities; and construction-phase services. Samer's experience and expertise also includes strengthening historic and existing structures using fiber reinforced polymer (FRP) composite materials and nondestructive testing methods for highway bridges and transportation related structures. He routinely coordinates each aspect of contract administration, construction phase services, including periodic field inspections from the award of contracts to project close-out.

**Benjamin J. Savage** is a civil construction manager with Herbert, Rowland & Grubic, Inc. In this capacity he is responsible for overseeing a number of construction sites at one time and managing construction inspectors to insure conformance to requirements of contract documents for oil and gas construction projects including well pad sites, pipelines and roads. Mr. Savage has over 10 years of experience with the West Virginia Division of Highways during which time he monitored and reviewed all facets of consultant designed highway projects to ensure that WVDOH standards and specifications were adhered to and made certain the project was delivered in a timely and budget-conscious manner. Mr. Savage was also responsible for guiding the consultants through the design process in tasks such as setting the horizontal and vertical geometry, reviewing minor and major drainage, developing the Right of Way plans, reviewing the maintenance of traffic plans, putting together the contract set of plans that went to construction, applying for all necessary permits for project completion, coordinating with all utilities that may need relocated, as well as being able to solve any minor issues that may occur with contractors once the project was awarded and under construction.



Appendix A

Insurance and Worker's Compensation Certification





# CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

06/11/2012

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

**IMPORTANT:** If the certificate holder is an ADDITIONAL INSURED, the policy(les) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

<b>PRODUCER</b> JAMES B MURDOCH INSURANCE GROUP INC 4300 Carlisle Pike  Camp Hill, PA 17011	<b>CONTACT NAME:</b> PHONE (A/C, No, Ext): (717)737-9900      FAX (A/C, No): E-MAIL ADDRESS:														
	<table border="1"> <thead> <tr> <th>INSURER(S) AFFORDING COVERAGE</th> <th>NAIC #</th> </tr> </thead> <tbody> <tr> <td>INSURER A : ERIE INS EXCH</td> <td>26271</td> </tr> <tr> <td>INSURER B : ERIE INS CO of NY</td> <td>26271</td> </tr> <tr> <td>INSURER C : CNA (Schinnerer)</td> <td>20443</td> </tr> <tr> <td>INSURER D :</td> <td></td> </tr> <tr> <td>INSURER E :</td> <td></td> </tr> <tr> <td>INSURER F :</td> <td></td> </tr> </tbody> </table>		INSURER(S) AFFORDING COVERAGE	NAIC #	INSURER A : ERIE INS EXCH	26271	INSURER B : ERIE INS CO of NY	26271	INSURER C : CNA (Schinnerer)	20443	INSURER D :		INSURER E :		INSURER F :
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INSURER D :															
INSURER E :															
INSURER F :															
<b>INSURED</b> Herbert Rowland & Grubic Inc 369 E Park Dr Harrisburg, PA 17111-2730															

**COVERAGES**

CERTIFICATE NUMBER:

REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSR	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
A	<b>GENERAL LIABILITY</b> <input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR  GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC			Q410150093	5/1/2012	5/1/2013	EACH OCCURRENCE	\$ 1000000
							DAMAGE TO RENTED PREMISES (Ea occurrence)	\$ 1000000
							MED EXP (Any one person)	\$ 5000
							PERSONAL & ADV INJURY	\$ 1000000
							GENERAL AGGREGATE	\$ 2000000
							PRODUCTS - COMP/OP AGG	\$ 2000000
								\$
	<b>AUTOMOBILE LIABILITY</b> <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS <input type="checkbox"/> NON-OWNED AUTOS			Q051502279	5/15/2012	5/15/2013	COMBINED SINGLE LIMIT (Ea accident)	\$ 1000000
							BODILY INJURY (Per person)	\$
							BODILY INJURY (Per accident)	\$
							PROPERTY DAMAGE (Per accident)	\$
								\$
A	<b>UMBRELLA LIAB</b> <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED 0 RETENTION \$			Q290170004	5/1/2012	5/1/2013	EACH OCCURRENCE	\$ 1000000
							AGGREGATE	\$ 1000000
								\$
B	<b>WORKERS COMPENSATION AND EMPLOYERS' LIABILITY</b> ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below		Y/N	Q89-5100454	5/1/2012	5/1/2013	<input checked="" type="checkbox"/> WC STATU-TORY LIMITS <input type="checkbox"/> OTH-ER	
			N/A				E.L. EACH ACCIDENT	\$ 100000
							E.L. DISEASE - EA EMPLOYEE	\$ 100000
							E.L. DISEASE - POLICY LIMIT	\$ 500000
C	Professional Liability			AEH 00-822-00-56	6/9/2012	6/9/2013	Per Claim Limit: \$5,000,000 Aggregate Limit: \$5,000,000	

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, if more space is required)

**CERTIFICATE HOLDER****CANCELLATION**

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

*Amanda Perotetto*

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Appendix B

DEP16131 Signature Sheets and Affidavit





State of West Virginia  
 Department of Administration  
 Purchasing Division  
 2019 Washington Street East  
 Post Office Box 60130  
 Charleston, WV 25306-0130

**Solicitation**

NUMBER
DEP16131

PAGE
1

ADDRESS CORRESPONDENCE TO ATTENTION OF:
FRANK WHITTAKER 304-558-2316

VENDOR

RFQ COPY  
 TYPE NAME/ADDRESS HERE

S.E.P.O.

ENVIRONMENTAL PROTECTION  
 DEPARTMENT OF  
 OFFICE OF AML&R  
 601 57TH STREET SE  
 CHARLESTON, WV  
 25304 304-926-0499

DATE PRINTED
02/11/2013

BID OPENING DATE: 03/13/2013 BID OPENING TIME 01:30PM

LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
0001	1	JB		906-29		
				FAIRMONT (DAC) S,CS,P DESIGN		
				EXPRESSION OF INTEREST		
				THE WEST VIRGINIA PURCHASING DIVISION, FOR THE AGENCY, THE WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, IS SOLICITING EXPRESSIONS OF INTEREST FOR PROFESSIONAL ENGINEERING DESIGN SERVICES AND CONSTRUCTION MONITORING SERVICES AT THE FAIRMONT (DAC) S,CS,P PROJECT IN MARION COUNTY, WEST VIRGINIA, PER THE FOLLOWING BID REQUIREMENTS AND ATTACHED SPECIFICATIONS.		
				***** THIS IS THE END OF RFQ DEP16131 ***** TOTAL:		

SIGNATURE <i>Sawyer Petro</i>	TELEPHONE 304-284-9222	DATE 2/27/13
TITLE OFFICE MANAGER	FERN 23-1009730	ADDRESS CHANGES TO BE NOTED ABOVE

WHEN RESPONDING TO SOLICITATION, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'



RFQ No. DEP 16131

STATE OF WEST VIRGINIA  
Purchasing Division

**PURCHASING AFFIDAVIT**

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

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

**DEFINITIONS:**

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

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

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

**AFFIRMATION:** By signing this form, the vendor's authorized signer affirms and acknowledges under penalty of law for false swearing (W. Va. Code §61-5-3) that neither vendor nor any related party owe a debt as defined above and that neither vendor nor any related party are in employer default as defined above, unless the debt or employer default is permitted under the exception above.

**WITNESS THE FOLLOWING SIGNATURE:**

Vendor's Name: Herbert, Rowland, & Grubic, Inc.

Authorized Signature: Samuel Petro Date: 02/22/2013

State of West Virginia

County of Monongalia, to-wit:

Taken, subscribed, and sworn to before me this 22 day of Feb, 2013.

My Commission expires Jan. 17, 2022.

AFFIX SEAL HERE

NOTARY PUBLIC

Donna Jones

Purchasing Affidavit (Revised 07/01/2012)



CERTIFICATION AND SIGNATURE PAGE

By signing below, I certify that I have reviewed this Solicitation in its entirety; understand the requirements, terms and conditions, and other information contained herein; that I am submitting this bid or proposal for review and consideration; that I am authorized by the bidder to execute this bid or any documents related thereto on bidder's behalf; that I am authorized to bind the bidder in a contractual relationship; and that to the best of my knowledge, the bidder has properly registered with any State agency that may require registration.

Herbert, Rowland, & Grubis, Inc.  
(Company)

Samuel Petro  
(Authorized Signature)

SAMUEL H. PETRO, P.E. OFFICE MANAGER  
(Representative Name, Title)

304-284-9222 / 304-284-9223  
(Phone Number) (Fax Number)

02/27/2013  
(Date)

Appendix C

AML Consultant Confidential Qualification Questionnaire





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

Attachment "B"

PROJECT NAME Fairmont (DAC) S,CS,P Design		DATE (DAY, MONTH, YEAR) 1 March 2013		FEIN 23-1609730	
1. FIRM NAME Herbert, Rowland & Grubic, Inc.		2. HOME OFFICE BUSINESS ADDRESS 369 East Park Drive Harrisburg, PA 17111		3. FORMER FIRM NAME Herbert Associates, Inc.	
4. HOME OFFICE TELEPHONE (717)564-1121	5. ESTABLISHED (YEAR) 1962	6. TYPE OWNERSHIP Individual <u>Corporation</u> Partnership Joint-Venture		6a. WV REGISTERED DBE YES <u>NO</u>	
7. PRIMARY AML DESIGN OFFICE: ADDRESS/ TELEPHONE/ PERSON IN CHARGE/ NO. AML DESIGN PERSONNEL EACH OFFICE Herbert, Rowland & Grubic, Inc./Morgantown, WV/304.284.9222/Samer Petro, P.E./8					
8. NAMES OF PRINCIPAL OFFICERS OR MEMBERS OF FIRM Robert C. Grubic, P.E., President Albert T. Brulo, P.E., Senior VP/Chief Operations Officer Brian D. Emberg, P.E., Senior VP/Chief Technical Officer Bruce A. Yerger, P.E., Vice President/Chief Financial Officer Jason A. Fralick, P.E., Vice President, Central Region Andrew M. Kenworthy, P.E., Vice President, Eastern Region James M. Lopresti, P.E., Vice President, Western Region Russell F. McIntosh, Vice President			8a. NAME, TITLE, & TELEPHONE NUMBER - OTHER PRINCIPALS Christopher K. Bauer, P.E., PTOE, Director of Transportation Services, 717.564.1121 Edward A. Ellinger, P.E., Director of Water and Energy Services, 717.564.1121 Douglas E. Weikel, P.E., Director of Civil Services/Survey Services, 814.238.7117 Jamie B. Keener, AICP, Director of Land Development, Planning, and Federal Marketing Services, 717.564.1121 Paul E. Nachlas, P.G., Dir. of Environmental Services, 717.564.1121		
9. PERSONNEL BY DISCIPLINE					
44 ADMINISTRATIVE	0 ECOLOGISTS	6 LANDSCAPE ARCHITECTS	6 STRUCTURAL ENGINEERS		
0 ARCHITECTS	0 ECONOMISTS	1 MECHANICAL ENGINEERS	22 SURVEYORS		
0 BIOLOGIST	2 ELECTRICAL ENGINEERS	0 MINING ENGINEERS	16 TRAFFIC ENGINEERS		
28 CADD OPERATORS	3 ENVIRONMENTALISTS	0 PHOTOGRAMMETRISTS	9 OTHER		
0 CHEMICAL ENGINEERS	7 ESTIMATORS	1 PLANNERS: URBAN/REGIONAL			
20 CIVIL ENGINEERS	2 GEOLOGISTS	25 SANITARY ENGINEERS			
15 CONSTRUCTION INSPECTORS	0 HISTORIANS	0 SOILS ENGINEERS			
0 DESIGNERS	6 HYDROLOGISTS	0 SPECIFICATION WRITERS	217 TOTAL PERSONNEL		
4 DRAFTSMEN					
TOTAL NUMBER OF WV REGISTERED PROFESSIONAL ENGINEERS IN PRIMARY OFFICE: 3					
*RPEs other than Civil and Mining must provide supporting documentation that qualifies them to supervise and perform this type of work.					
10. HAS THIS JOINT-VENTURE WORKED TOGETHER BEFORE? YES NO <u>NOT APPLICABLE</u>					



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

<p>NAME AND ADDRESS:          GEOMechanics, Inc.          600 Munir Drive, P.O. Box 386          Elizabeth, PA 15037-0386</p>	<p>SPECIALTY:          Geo-Technical Services</p>	<p>WORKED WITH BEFORE  <input checked="" type="checkbox"/> Yes  <input type="checkbox"/> No</p>
<p>NAME AND ADDRESS:          Freelance Technical Associates, Inc.          207 Fairmont Avenue          Fairmont, WV 26554</p>	<p>SPECIALTY:          Surveying Services</p>	<p>WORKED WITH BEFORE  <input checked="" type="checkbox"/> Yes  <input type="checkbox"/> No</p>
<p>NAME AND ADDRESS:</p>	<p>SPECIALTY:</p>	<p>WORKED WITH BEFORE  <input type="checkbox"/> Yes  <input type="checkbox"/> No</p>
<p>NAME AND ADDRESS:</p>	<p>SPECIALTY:</p>	<p>WORKED WITH BEFORE  <input type="checkbox"/> Yes  <input type="checkbox"/> No</p>
<p>NAME AND ADDRESS:</p>	<p>SPECIALTY:</p>	<p>WORKED WITH BEFORE  <input type="checkbox"/> Yes  <input type="checkbox"/> No</p>
<p>NAME AND ADDRESS:</p>	<p>SPECIALTY:</p>	<p>WORKED WITH BEFORE  <input type="checkbox"/> Yes  <input type="checkbox"/> No</p>
<p>NAME AND ADDRESS:</p>	<p>SPECIALTY:</p>	<p>WORKED WITH BEFORE  <input type="checkbox"/> Yes  <input type="checkbox"/> No</p>
<p>NAME AND ADDRESS:</p>	<p>SPECIALTY:</p>	<p>WORKED WITH BEFORE  <input type="checkbox"/> Yes  <input type="checkbox"/> No</p>
<p>NAME AND ADDRESS:</p>	<p>SPECIALTY:</p>	<p>WORKED WITH BEFORE  <input type="checkbox"/> Yes  <input type="checkbox"/> No</p>

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

YES Description and Number of Projects: Members of HRG have completed AML projects in the past, although not in WV but in Ohio. These projects involved the preparation of construction drawings for strip mine highwall elimination, spoil bank stabilization, shaft closures sensitive to bat habitat issues, GOB fires, mine drainage, and investigation and mitigation for AMD.

NO

B. Are your firm's personnel experienced in Soil Analysis?

YES Description and Number of Projects: HRG uses data from soils laboratories in preparing studies and designs. HRG will be using an esteemed sub-consultant for geo-technical services on projects.

NO

C. Are your firm's personnel experienced in hydrology and hydraulics?

YES Description and Number of Projects: HRG staff has experience addressing and resolving complex drainage issues related to roads, bridges, urban and rural development, site development for government and private clientele on hundreds of projects.

NO

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

YES Description and Number of Projects: HRG develops contour mapping from mass points and break lines derived from outside aerial photography and LiDAR.

NO

E. Are your firm's personnel experienced in domestic waterline design? (Include any experience in evaluation of aquifer degradation as a result of mining.)

YES Description and Number of Projects: HRG designs on all aspects of water, wastewater, treatment, conveyance, and collection projects for both private and municipal (government) clients, including hundreds of projects company-wide.

NO

F. Are your firm's personnel experienced in Acid Mine Drainage Evaluation and Abatement Design?

YES Description and Number of Projects: HRG staff has experience investigating and recommending mitigation designs for acid mine drainage projects.

NO

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

NAME & TITLE (Last, First, Middle Int.) Petro, Samer H. Morgantown Office Manager/Contract Manager	YEARS OF EXPERIENCE		
	YEARS OF AML DESIGN EXPERIENCE: 0	YEARS OF AML RELATED DESIGN EXPERIENCE: 10	YEARS OF DOMESTIC WATERLINE DESIGN EXPERIENCE: 0
Brief Explanation of Responsibilities Provides client contact, business development, operations management, engineering design, and project management of various activities ranging from environmental studies, location studies, and analyses of alternative structures and roadways to final design of new structures and new highways, and water and wastewater treatment facilities, and construction-phase services.			
EDUCATION (Degree, Year, Specialization) B.S., 1987, Civil Engineering M.S., 1993, Civil Engineering			
MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS American Society of Engineers Association of Bridge Construction & Design American Concrete Institute		REGISTRATION (Type, Year, State) P.E., 2003, West Virginia P.E., 2001, Ohio	

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

NAME & TITLE (Last, First, Middle Int.) Weikel, Douglas E. Director of Civil Services	YEARS OF EXPERIENCE		
	YEARS OF AML DESIGN EXPERIENCE: 0	YEARS OF AML RELATED DESIGN EXPERIENCE: 0	YEARS OF DOMESTIC WATERLINE DESIGN EXPERIENCE: 21
Brief Explanation of Responsibilities Responsible for maintaining the general technical project standards, for executing the Quality Management Plan for Civil and Survey groups as well as developing company-wide strategy for those groups. In addition, provides client and project management for various projects involving stormwater management, wastewater conveyance and treatment, water resource design, and construction management.			
EDUCATION (Degree, Year, Specialization) B.S., 1988, Civil Engineering B.S., 1995, Physics			
MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS Pennsylvania State Associate of Township Supervisors		REGISTRATION (Type, Year, State) P.E., 1997, Pennsylvania	



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

NAME & TITLE (Last, First, Middle Int.)	YEARS OF EXPERIENCE		
	YEARS OF AML DESIGN EXPERIENCE:	YEARS OF AML RELATED DESIGN EXPERIENCE:	YEARS OF DOMESTIC WATERLINE DESIGN EXPERIENCE:
Gue, James B. Environmental Scientist II	30	30	10

Brief Explanation of Responsibilities: Responsibilities include field studies and assessments involving collection and analysis of watershed data; Phase I Environmental Assessment research and reports; wetland identification and delineation, wetland mitigation design, site work reports; traffic noise monitoring, modeling, and analysis; and the preparation of local, state, and federal permits applications. As a former 30 year employee of the ODNR Abandoned Mine Lands Section, responsibilities included the planning, monitoring and developing of abandoned mine land reclamation projects. Public health and safety projects were related to strip mine highwall elimination and spoil bank stabilization; deep mine related projects involved shaft closures sensitive to bat habitat issues and GOB pile fires; Mine drainage contaminated water supply projects involved private well replacements and public water line installations; investigated and recommended mitigation designs for acid mine drainage projects.

EDUCATION (Degree, Year, Specialization)  
B.S. from Kent State University, 1981, Natural Resource Conservation

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS

REGISTRATION (Type, Year, State)

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

NAME & TITLE (Last, First, Middle Int.)	YEARS OF EXPERIENCE		
	YEARS OF AML DESIGN EXPERIENCE:	YEARS OF AML RELATED DESIGN EXPERIENCE:	YEARS OF DOMESTIC WATERLINE DESIGN EXPERIENCE:
Warden, Richard W. Natural Resources Engineer	33	33	0

Brief Explanation of Responsibilities  
30 years' experience in AML projects and various other projects to support Ohio DNR facilities. Experience also included geotechnical subsurface investigations and slope stability analysis.

EDUCATION (Degree, Year, Specialization)

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS

REGISTRATION (Type, Year, State)  
P.E., Ohio

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

NAME & TITLE (Last, First, Middle Int.)	YEARS OF EXPERIENCE		
	YEARS OF AML DESIGN EXPERIENCE:	YEARS OF AML RELATED DESIGN EXPERIENCE:	YEARS OF DOMESTIC WATERLINE DESIGN EXPERIENCE:
Tukel, Murat Environmental/Civil Engineer	4	12	0

**Brief Explanation of Responsibilities**  
 Responsible for developing, planning and designing mine reclamation projects, contract preparation and bidding, cost estimates, budgeting, contractor selection, and oversight of construction activities.

**EDUCATION (Degree, Year, Specialization)**  
 B.S., 1989, Environmental Engineering  
 M.S., 1991, Civil Engineering  
 M.B.A., 1998, Business

<b>MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS</b>	<b>REGISTRATION (Type, Year, State)</b> P.E., Ohio
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13. PERSONAL HISTORY STATEMENT OF PRINCIPALS AND ASSOCIATES RESPONSIBLE FOR AML PROJECT DESIGN (Furnish complete data but keep to essentials)

NAME & TITLE (Last, First, Middle Int.)	YEARS OF EXPERIENCE		
	YEARS OF AML DESIGN EXPERIENCE:	YEARS OF AML RELATED DESIGN EXPERIENCE:	YEARS OF DOMESTIC WATERLINE DESIGN EXPERIENCE:
Swisher, David M. Water & Energy Regional Service Group Manager	0	0	11

**Brief Explanation of Responsibilities**  
 Responsible for managing environmental engineering projects including: planning, permitting, design, construction administration, financial analyses, and project financing of water and wastewater infrastructure projects.

**EDUCATION (Degree, Year, Specialization)**  
 B.S. from The Pennsylvania State University, 2001, Civil and Environmental Engineering  
 M.S. from The Pennsylvania State University, 2002, Environmental Engineering

<b>MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS</b> American Water Works Association Construction Specifications Institute Pennsylvania Municipal Authority Association Pennsylvania Water Environmental Association Water Environment Federation	<b>REGISTRATION (Type, Year, State)</b> P.E., Pennsylvania
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13. PERSONAL HISTORY STATEMENT OF PRINCIPALS AND ASSOCIATES RESPONSIBLE FOR AML PROJECT DESIGN (Furnish complete data but keep to essentials)

NAME & TITLE (Last, First, Middle Int.) Rusnak, John Civil Project Manager/Team Leader	YEARS OF EXPERIENCE		
	YEARS OF AML DESIGN EXPERIENCE: 0	YEARS OF AML RELATED DESIGN EXPERIENCE: 0	YEARS OF DOMESTIC WATERLINE DESIGN EXPERIENCE: 20
Brief Explanation of Responsibilities Responsible for overseeing staff in the development of design concepts, preparing preliminary and final design drawings, developing technical specifications and bid documentation, and attending meetings and preparing, reviewing and delivering budgets for municipal clients. Also, provides oversight during construction and monitors project costs.			
EDUCATION (Degree, Year, Specialization) B.S., 1989, Civil Engineering			
MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS American Society of Civil Engineers		REGISTRATION (Type, Year, State) P.E., 1995, Pennsylvania	

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

NAME & TITLE (Last, First, Middle Int.) Longenecker, Andrew J. Natural Resource Regional Service Group Manager	YEARS OF EXPERIENCE		
	YEARS OF AML DESIGN EXPERIENCE: 0	YEARS OF AML RELATED DESIGN EXPERIENCE: 13	YEARS OF DOMESTIC WATERLINE DESIGN EXPERIENCE: 0
Brief Explanation of Responsibilities Responsible for the management of projects involving stream restoration, collection and analysis of watershed data, wetland identification and delineation, wetland mitigation design, threatened and endangered species investigations, natural gas well pad and pipeline development, Phase I Environmental Site Assessments, and US Army Corps of Engineers and state agency permits.			
EDUCATION (Degree, Year, Specialization) B.S., 1997, Wildlife and Fisheries Resources M.S., 2000, Biological Services			
MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS Society of Wetland Scientists		REGISTRATION (Type, Year, State)	



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

NAME & TITLE (Last, First, Middle Int.) Varner, Roger B. Land Development Staff Professional	YEARS OF EXPERIENCE		
	YEARS OF AML DESIGN EXPERIENCE: 0	YEARS OF AML RELATED DESIGN EXPERIENCE: 20	YEARS OF DOMESTIC WATERLINE DESIGN EXPERIENCE: 20

**Brief Explanation of Responsibilities**  
 Responsible for a variety of environmental engineering and permitting tasks and business development for oil and gas clients and land development clients. Such tasks include private and public water source investigation, sampling and analysis protocol, preparation of permit applications and plans for oil and gas well development sites, water management and planning studies for oil and gas well hydro-fracturing and production needs, and providing field investigation and inspection services for environmental projects. Mr. Varner has significant experience in water and wastewater facilities planning, federal, state, and regional permitting services, and preparation of regulatory reports and documents.

**EDUCATION (Degree, Year, Specialization)**  
 B.S., 1989, Civil Engineering

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS American Society of Civil Engineers	REGISTRATION (Type, Year, State)
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13. PERSONAL HISTORY STATEMENT OF PRINCIPALS AND ASSOCIATES RESPONSIBLE FOR AML PROJECT DESIGN (Furnish complete data but keep to essentials)

NAME & TITLE (Last, First, Middle Int.) Savage, Benjamin J. Civil Construction Manager	YEARS OF EXPERIENCE		
	YEARS OF AML DESIGN EXPERIENCE: 0	YEARS OF AML RELATED DESIGN EXPERIENCE: 13	YEARS OF DOMESTIC WATERLINE DESIGN EXPERIENCE: 0

**Brief Explanation of Responsibilities**  
 Responsible for overseeing a number of construction sites at one time and managing construction inspectors to insure conformance to requirements of contract documents for oil and gas construction projects including well pad sites, pipelines, and roads.

**EDUCATION (Degree, Year, Specialization)**  
 B.S. from West Virginia University, 1997, Civil Engineering

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS	REGISTRATION (Type, Year, State) P.E., 2003, West Virginia
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13. PERSONAL HISTORY STATEMENT OF PRINCIPALS AND ASSOCIATES RESPONSIBLE FOR AML PROJECT DESIGN (Furnish complete data but keep to essentials)

NAME & TITLE (Last, First, Middle Int.)	YEARS OF EXPERIENCE		
	YEARS OF AML DESIGN EXPERIENCE:	YEARS OF AML RELATED DESIGN EXPERIENCE:	YEARS OF DOMESTIC WATERLINE DESIGN EXPERIENCE:
Stonebraker, Chad E. Land Development Senior CADD Technician	1	13	1

**Brief Explanation of Responsibilities**  
 Responsibilities include assisting the project manager in design, preparing Land Development plans, profiles, sections and details. Proficient with AutoCAD Civil3D 2011 and MicroStation software for base map and construction layout plan.

**EDUCATION (Degree, Year, Specialization)**  
 A.S.T., 2000, Computer Aided Drafting

**MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS**

**REGISTRATION (Type, Year, State)**

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

NAME & TITLE (Last, First, Middle Int.)	YEARS OF EXPERIENCE		
	YEARS OF AML DESIGN EXPERIENCE:	YEARS OF AML RELATED DESIGN EXPERIENCE:	YEARS OF DOMESTIC WATERLINE DESIGN EXPERIENCE:
Cardosi, Andrew D. Transportation Regional Service Group Manager	0	11	0

**Brief Explanation of Responsibilities**  
 Responsible for preparation of contracts and proposals, including development of technical scopes of work; project budgeting and cost estimating; bid documents preparation; contract administration; scheduling and planning updates for municipal reviews of land development and subdivision plans; Highway Occupancy Permit plan reviews; roadway design in areas such as roadway geometry, pavement design and analysis, drainage design and management, maintenance and protection of traffic plans, right-of-way plans; utility coordination; and construction inspection.

**EDUCATION (Degree, Year, Specialization)**  
 B.S. from The Pennsylvania State University, 2001

**MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS**

American Society of Civil Engineers  
 American Society of Highway Engineers - Mid Allegheny

**REGISTRATION (Type, Year, State)**

P.E., PA  
 P.E., WV



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

HRG will be utilizing Freelance Technical Associates, Inc. for any and all related surveying and mapping services. The equipment they intend to use is as follows: Topcon Hiper SR GPS Survey System, One (1) Topcon TESLA Controller, Two (2) total stations, Two (2) GPS enabled, TDS Nomad data collectors with Bluetooth and Wi-Fi, Field surveying equipment

HRG will design work for WVDEP utilizing a secure network of computer aided design (CAD) equipment, software and trained personnel in the state of West Virginia. All computer systems are password protected, monitored by Symantec Endpoint protection, firewall, XWall filtering, and content policies to secure and protect against virus, adware, malware, spyware, and unauthorized intrusions.

Connected through a Windstream managed MPLS network our staff has the ability to share necessary plans among our locations or when remote access is required approved staff may access files and software via a secure virtual private network (VPN). Our staff utilizes some of today's latest technologies such as 24x7 email access, project planning & reports through Deltek Vision, and virtual desktops. In addition, approved staff utilizes tablet or smartphone technology for remote access to maintain communication with WVDEP. This will allow work designed for WVDEP to be prepared and updated at the office locations or accessed remotely anywhere internet is accessible that best meets the requirements and the scope of services for WVDEP.

Civil 3D, Trimble, and Microstation V8 software is utilized on 120 CAD stations throughout our locations. Additionally, equipment includes 10 large format (size E) plotters and 4 large Print/Copy/Scan T2300 Design Jets for black & white or color output. Plans are prepared by both dedicated CAD employees, engineering technicians, and licensed engineers in each of the firm's offices.

HRG, Inc. also utilizes top-of-the line survey equipment. Our survey work is accomplished with global positioning systems (GPS) and electronic distance measuring (EDM) survey stations with data gathering capabilities.



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
2013 Township Wide Sewer Rehabilitation South Park, PA	South Park Township, PA 2675 Brownsville Road South Park, PA 15129	Design, Contract Administration, and Construction Observation	\$250,000.00	0% (In Progress)
2013 Borough Wide Sewer Rehabilitation Bellevue Borough, PA	Bellevue Borough 537 Bayne Avenue Pittsburgh, PA 15202	Design, Contract Administration, and Construction Observation	\$175,000.00	0% (In Progress)
Forebay Maintenance Sediment Removal Cranberry Township, PA	Sherwood Oaks 100 Norman Drive Cranberry Township, PA 16066	Design, Engineering Permit, Site Investigation, and Surveying	\$11,000.00	5% (In Progress)
Pike Run Bridge #11 Replacement Washington Co., PA	Washington County Planning Commission 100 West Beau Street Washington, PA 15301	Surveying, H&H Studies, Categorical Exclusion Evaluation (CEE), Bridge Design, E&S Control Plan, Waterway Permits	\$555,000.00	60% (In Progress)
Chartier's Bridge #61 Replacement Washington Co., PA	Washington County Planning Commission 100 West Beau Street Washington, PA 15301	Surveying, H&H Studies, Categorical Exclusion Evaluation (CEE), Bridge Design, E&S Control Plan, Waterway Permits	\$375,000.00	40% (In Progress)
TOTAL NUMBER OF PROJECTS: 5			TOTAL ESTIMATED CONSTRUCTION COSTS: \$1,366,000.00	



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)
Upgrade Water Source and Distribution System Torrance, PA	PA-DAS c/o Torrance State Hospital 121 Longview Drive Derry Township Torrance, PA 15779	\$620,000.00	2007	YES
West End Pond Renovation Venango County, PA	Clarion University Venango Campus 1801 West First Street Oil City, PA 16215	\$900,000.00	2010	YES
Venango Campus Drainage Improvements Venango County, PA		\$750,000.00	2012	YES
Township Wide Sanitary Sewer Rehabilitation Projects South Park, PA	South Park Township 2675 Brownsville Road South Park, PA 15129	(For Years 2008 through 2012) >\$1,000,000.00	2008- 2012	YES
Borough Sewer Repair Projects Bellevue Borough, PA	Bellevue Borough 537 Bayne Avenue Pittsburgh, PA 15202	(For Years 2008 through 2012) >\$750,000.00	2008- 2012	YES
County Act 167 Stormwater Management Plan Venango, PA	Venango County Planning Commission 1168 Liberty Street Franklin, PA 16323	>\$150,000.00	2010	YES
County Act 167 Stormwater Management Plan Butler County, PA	Butler County Planning Commission Butler, PA	>\$110,000.00	2010	YES
County Act 167 Stormwater Management Plan Washington County, PA	Washington County Planning Commission 100 West Beau Street Suite 701 Washington, PA 15301	>\$138,000.00	2010	YES



18. COMPLETED WORK WITHIN LAST 5 YEARS ON WHICH YOUR FIRM HAS BEEN A SUB-CONSULTANT TO OTHER FIRMS (INDICATE PHASE OF WORK FOR WHICH YOUR FIRM WAS RESPONSIBLE)

PROJECT NAME, TYPE AND LOCATION	NAME AND ADDRESS OF OWNER	ESTIMATED CONSTRUCTION COST OF YOUR FIRM'S PORTION	YEAR	CONSTRUCTED (YES OR NO)	FIRM ASSOCIATED WITH

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

20. The foregoing is a statement of facts.

Signature: \_\_\_\_\_ Title: \_\_\_\_\_ Date: \_\_\_\_\_

Printed Name: \_\_\_\_\_

## Appendix D

### AML and Related Project Experience Matrix



**AML and RELATED PROJECT EXPERIENCE MATRIX**

PROJECT	Exp. Basis C=Corp. P=Personal	Additional Info Provided in Section (s)	PROJECT EXPERIENCE REQUIREMENTS														PRIMARY STAFF PARTICIPATION/CAPACITY *** M=Management P=Professional						
			Abandoned Surface Mine Reclamation	Abandoned Deep Mine Reclamation	Portal/Shaft Closure	Hydrologic/Hydraulic Design/Eval.	Remining Evaluation	Mine/Refuse Fire Abatement	Subsidence Investigation Mitigation	Hazardous Waste Disposal	Project Specifications	Water Quality Evaluation/Mitigation/Re placement	Construction Inspection/Management	Water Treatment	Equipment/Structure Removal	Stream Restoration	Geotechnical/Stability	James Gue	Mural Turkel	Richard Warden	Andrew Longenecker	Andrew Cardoso	
Andy Myers Mine Subsidence (ST-Os-19)	P			X					X		X		X				X	P					
Applegrove Road Mine Stabilization (ST-PI-23)	P			X					X		X		X				X	P					
Belden Phase II (CR-Rs-19)	P		X			X				X	X		X	X		X		P					
Bergholz East Highwall (JF-Sn-11)	P		X								X		X					P					
Dean Miller Highwall (TS-Sn-27)	P		X								X		X					P					
Dick Rose Highwall (CL-Md-20)	P		X								X		X					P					
Dobson Road (CL-Fn-06)	P										X		X					P					
Dover 3 (SM-Nc-02)	P			X									X				X	P					
Dusty Quinn Sinkhole (JF-Sp-11)	P				X				X		X		X				X	P					
Ellsworth Coal Refuse (MH-EI-01)	P		X					X			X		X	X	X			P					
Harsha South (CR-Rs-11)	P		X					X			X		X	X				P					
Hayes Highwall (CL-MI-03)	P		X								X		X					P					
Huff Run 32 Pits AMD (CR-Rs-15)	P		X					X			X		X	X				P					
J.B. Drift Entry/Subsidence (ST-Os-23)	P				X				X		X		X					P					
Lattavo (TS-Lw-07)	P		X					X			X		X	X				P					
Martin Subsidence (SM-Sp-04)	P				X			X			X		X					P					
Masury Mine Subsidence (TR-BI-06)	P				X			X			X		X					P					
Mill Rock Road Highwall (CL-Un-11)	P		X								X		X	X				P					
Mineral Ridge (MH-Au-08)	P			X	X				X		X		X				X	P					
Mineral -Zoar Road AMD (TS-Sn-23)	P							X			X		X	X				P					
North Canton Sinkhole (ST-PI-26)	P				X				X		X		X				X	P					
Richard Beaver HW (CL-Md-19)	P		X								X		X	X				P					
Salem Small Projects 2005 (UP-Sa-2005)	P				X			X			X		X				X	P					
Salem Small Projects 2006 (UP-Sa-2006)	P				X			X			X		X				X	P					
Senff Road Slope Repair (WN-Pt-05)	P		X			X					X		X				X	P					



Tapscott Maintenance (CR-Fx-06)	P				X	X		X		X					X	P					
Thomas Road Subsidence (SM-Tv-07)	P				X	X		X		X						P					
Toronto Mine Drain (JF-lc-12)	P				X	X	X		X		X					P					
Turturice Highwall (CL-EI-27)	P		X				X		X	X						P					
Weaver Mine Subsidence (ST-Pk-03)	P				X		X		X		X					P					
Applegate Road (CL-Wa-01)	P		X				X		X	X						P					
State RT. 165 (MH-Bv-03)	P		X				X		X	X						P					
Frost Highwall (CI-Fr-02)	P		X				X		X	X						P					
Black Diamond Shafts (MH-MI-01)	P				X				X		X				X	P					
Eastern Mine Shaft Reclamation (JF-ST-06)	P				X				X		X				X	P					
Columbiana County Clay Portals (CL-Lp-01)	P				X				X		X				X	P					
East Liverpool Mine Opening (CL-Lp-02)	P				X				X		X				X	P					
Briar Road (CR-Rs-02)	P		X				X		X	X						P					
Parsons Mine Fire (JF-Sp-03)	P		X					X			X					P					
New Buffalo Shaft (MH-Bv-04)	P				X				X		X				X	P					
Roach Run Entries (JF-Rs-04)	P				X				X		X				X	P					
Palmyra Shafts (PT-Pm-02)	P				X				X		X				X	P					
Carlson Reclamation Project (CL-Un-02)	P		X				X		X	X					X	P					
Squaw Creek - Vienna Township Shafts (TR-Vn-01)	P				X				X		X				X	P					
Sheets Highwall (JF-Kn-15)	P		X				X		X	X					X	P					
East Fairfield Coal / Petersburg (MH-Sp-02)	P		X				X		X	X			X		X	P					
Sugarcreek Clay & Limestone (TS-Ab-01)	P		X				X		X	X					X	P					
Red Malcuilt Inc. (TS-Fn-01)	P		X				X		X	X					X	P					
Malvern West Reclamation (ST-Sn-01)	P		X				X		X	X					X	P					
Spanson Drive (TS-MI-03)	P		X				X		X	X					X	P					
Kollar Shafts (ST-Bh-02)	P				X				X		X				X	P					
Mt. Vernon Ave (ST-Mk-01)	P		X				X		X	X					X	P					
Ellesmere Ave. IV (ST-Nc-09-E)	P			X					X	X					X	P					
Tuscarawas County Road 14 (TS-Xx-03)	P		X				X		X	X					X	P					
Kellog Reclamation (CL-Ws-02)	P			X					X		X				X	P					
Mineral Ridge Subsidence (TR-Wf-02)	P			X					X		X				X	P					





Columbiana County Shafts (CL-SI-01)	P				X				X		X				X	P						
South Egypt Road (MH-Gr-01)	P			X							X	X				X	P					
Hollow Ridge Road (WN-Cp-11)	P			X							X	X				X	P					
Swift Road (CR-Br-04)	P		X				X				X	X				X	P					
Shenandoah Gob (TS-Go-08)	P		X			X	X				X	X	X				P					
Overhead Subsidence (ST-Cn-17)	P			X							X	X				X	P					
Osborne Subsidence (ST-Nc-14-E)	P			X							X	X				X	P					
Mast II (WN-Pt-02)	P					X			X		X	X					P					
Flemming (TS-Dv-02)	P		X			X	X				X	X	X			X	P					
Butler Subsidence (TS-Sn-15-E)	P			X							X	X				X	P					
Cable Highwall (JF-Ic-03)	P		X				X				X	X				X	P					
Snyder Mine Drainage (TS-Fr-04)	P				X	X			X		X	X				X	P					
North Canton Subsidence (ST-PI-19-E)	P			X							X	X				X	P					
Woodworth (MH-Bv-13-E)	P		X				X				X	X		X		X	P					
Chapel Hill Church (SM-Sp-01)	P				X				X		X	X				X	P					
Mathey Water Well (TS-Sn-18)	P					X					X	X	X				P					
Hicks Subsidence (WN-Cp-07-E)	P			X							X	X					P					
Huff Run Reclamation (TS-Sn-13)	P		X				X				X	X					P					
Yellow Creek Blow Out (Jf-SI-01)	P				X	X					X	X			X		P					
Fomey (ST-PI-16)	P			X							X	X				X	P					
Veley Long (TS-SI-04)	P					X					X	X	X				P					
Cvetkovic (MH-Au-02)	P			X							X	X				X	P					
Drake Shaft (ST-Lw-01)	P				X				X		X	X				X	P					
Gorthey (TS-Sn-07)	P				X				X		X	X				X	P					
Bamhill Tipple (Ts-Go-03)	P		X				X				X	X		X			P					
Spiker Reclamation (ST-Sn-03)	P		X				X				X	X					P					
Jacob #3 (TR-Hb-01)	P				X				X		X	X				X	P					
South Massillon Mine (ST-Bh-04)	P				X						X	X				X	P					
Velleca Mine Seeps (TS-Wr-01)	P		X		X								X			X	P					
Kaufman II (TS-Go-25)	P			X		X						X				X	P					
Maurer (TS-Wr-04)	P		X				X				X	X				X	P					



Sponseller (ST-Sn-02)	P		X				X			X		X			X	P					
Rogers Highwall (CL-EI-04)	P		X				X			X		X			X	P					
Shook Subsidence (MH-Au-01)	P			X						X		X			X	P					
Vienna Shafts (TR-Vn-01)	P				X			X		X		X			X	P					
Linden AMD (CR-Rs-04)	P		X			X						X		X		P					
Tumbull Subsidence (CL-Un-04)	P			X						X		X			X	P					
New Springfield Church (MH-Sp-09)	P		X				X			X		X			X	P					
Maple Highwall Phase 2 Reclamation	P		X							X	X				X		M				
Cherry Valley Coke Ovens Reclamation	P			X	X	X		X		X	X		X	X	X		M				
Hawkins Road Tipple Removal	P				X		X		X	X		X		X			M				
Wolfe Shaft Reclamation	P				X			X		X		X					M				
Oakview Drive Subsidence	P			X				X		X		X			X		M				
Voorhees Highwall Reclamation	P		X							X	X						M				
Weaver Highwall Reclamation	P						X			X		X					M				
Quaker Raceway Portal Closure	P		X		X					X		X					M				
Viny Reclamation	P		X			X				X	X	X					M				
Gaither Highwall Reclamation	P		X			X				X	X						M				
Ferrebee Subsidence	P				X	X		X		X		X					M				
Mount Tabor Church Mine Drainage Remediation	P					X	X			X	X	X					M				
Brown Hill Road Subsidence	P					X			X		X						M				
Duladahn Mine Drainage Remediation	P					X				X	X	X			X		M				
Clinton Mine Opening Portal Closure	P				X					X	X	X					M				
SR165 Maintenance	P					X		X		X		X					M				
Brier Ridge Burning Gob Pile - Jefferson County	P		X					X		X		X	X					P			
Wills Creek Tipple - Coshocton County	P		X	X		X				X		X	X	X	X	X		P			
Stratton Mine Opening - Jefferson County	P		X	X	X					X		X						P			
Patton Run Reclamation Project - Belmont County	P		X			X				X		X		X	X			P			
Kirkendall Highwall Emergency - Athens County	P		X	X	X	X				X		X						P			
Cassingham Emergency - Coshocton County	P		X	X		X				X		X						P			
Roush Highwall Emergency Project	P		X							X		X						P			
W/T Gravel Mine Openings	P		X	X						X		X						P			

Acree Landslide	P		X			X				X		X							P			
Cherry Hill Burning Gob - Guemsey County	P		X					X		X		X							P			
Lavender Gob Pile - Meigs County	P		X					X		X		X							P			
Ironman Enterprises - Coshocton County	P		X			X				X		X			X				P			
Hutt Coal Forfeitures - Coshocton County	P		X			X				X		X			X				P			
Pike Run Bridge #11 - Washington County, PA	P					X				X												M
Chartier's Bridge #61 - Washington County, PA						X				X												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.

Attachment "C"