

P.O. Box 185  
106 West Main St.  
Sutton, WV 26601

Phone: (304) 750-2203  
Fax: (304) 750-2204



[www.coveyengineering.com](http://www.coveyengineering.com)  
[gacovey@wvdsi.net](mailto:gacovey@wvdsi.net)

---

**EXPRESSION OF INTEREST**

To provide

**Professional Engineering Design Services**

and

**Construction Monitoring Services**

for the

**Morgan Highwall #46 Design**

**Preston County, West Virginia**

**DEP 16132**

04/08/13 02:12:40 PM  
West Virginia Purchasing Division

**Prepared for the**

**West Virginia Department**

**Of Environmental Protection**

**Office of AML&R**

P.O. Box 185  
106 West Main St.  
Sutton, WV 26601

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Fax: (304) 750-2204



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[gacovey@wvdsi.net](mailto:gacovey@wvdsi.net)

# *Table of Contents*

1. INTRODUCTION
2. PROJECT MANAGEMENT PLAN
3. CORPORATE HISTORY & QUALIFICATIONS
4. CCQQ – ATTACHEMENT “B”
5. RPEM – ATTACHMENET “C”

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[gacovey@wvdsi.net](mailto:gacovey@wvdsi.net)

April 5, 2013

West Virginia Department of Environmental Protection  
Office of Abandoned Mine Lands & Reclamation  
601 57<sup>th</sup> Street SE  
Charleston, WV 25304

RE: RFQ#DEP 16132  
Expression of Interest  
Design Engineering Services Proposal  
Morgan Highwall #46 Design

Gentlemen,

G.A. Covey Engineering appreciates this opportunity to present to you this proposal to provide design engineering and related services for the West Virginia Abandoned Mine Lands and Reclamation Program. With over 36 years of experience, G.A. Covey Engineering is a firm that can provide the professionals, testing, and services the State of West Virginia is looking for to complete their projects efficiently.

G.A. Covey Engineering has been involved with many AML projects over the years and we have a qualified staff to meet the needs in completing your projects. We offer the services necessary to provide this type of quality support with lab facilities, surveying systems, drilling rigs, design equipment and state certified inspectors. We have a staff of professionals that bring several years of experience in Civil & Mining Engineering, CAD Design, Surveying, Geotechnical, Hydrology and permitting.

G.A. Covey Engineering has worked with various mining companies over the years in permitting, valley and refuse fill design, water studies and analysis, water treatment and daily monitoring as well as water replacement in areas of mine subsidence. We have also worked with the Braxton and Gilmer County Commission on various waterline projects and Industrial Development Parks, involving all phases of engineering design, permitting, construction specifications, contracting and construction monitoring.

We sincerely appreciate the opportunity to submit this proposal to you for consideration. We are very aware of the growing cost of these projects and utilize our recent construction experience on projects throughout the state to keep cost down and best serve the state of WV and the local communities.

Sincerely,

A handwritten signature in black ink, appearing to read 'Gary A. Covey', written over a white background.

Gary A. Covey, RPE  
Owner



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

**Solicitation**

NUMBER
DEP16132

PAGE
1

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

VENDOR

RFQ COPY  
 TYPE NAME/ADDRESS HERE  
**G.A. Covey Engineering, PLLC**  
**P.O. Box 185**  
**106 West Main St.**  
**Sutton, WV 26601**

SHIP TO

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

DATE PRINTED
03/04/2013

BID OPENING DATE: 04/04/2013                      BID OPENING TIME 01:30PM

LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
0001	1	JB		906-29		
	MORGAN HW #46			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 MORGAN HIGHWALL #46 PROJECT IN PRESTON COUNTY, WEST VIRGINIA, PER THE FOLLOWING BID REQUIREMENTS AND ATTACHED SPECIFICATIONS.						
***** THIS IS THE END OF RFQ DEP16132 ***** TOTAL:						

SIGNATURE	TELEPHONE	DATE
	304-750-2203	4-5-2013
TITLE	FEIN	ADDRESS CHANGES TO BE NOTED ABOVE
Owner	55-0715654	

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



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

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

DATE PRINTED
03/21/2013

BID OPENING DATE: 04/11/2013 BID OPENING TIME 1:30PM

LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
				ADDENDUM NO. 1		
				1. ADDENDUM ISSUED TO MOVE THE BID OPENING DATE FROM: APRIL 4, 2013 TO: APRIL 11, 2013 THE BID OPENING TIME @ 1:30 P.M. REMAINS UNCHANGED.		
				2. TO PROVIDE ADDENDUM ACKNOWLEDGEMENT, THIS DOCUMENT SHOULD BE SIGNED AND RETURNED WITH YOUR BID. FAILURE TO SIGN AND RETURN MAY RESULT IN THE DISQUALIFICATION OF YOUR BID.		
				***** END OF ADDENDUM NO. 1 *****		

SIGNATURE	TELEPHONE 304-750-2203	DATE 4/5/2013
TITLE Owner	FEIN 55-0715654	ADDRESS CHANGES TO BE NOTED ABOVE

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



State of West Virginia  
 Department of Administration  
 Purchasing Division  
 2019 Washington Street East  
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**P.O. Box 185**  
**106 West Mian St.**  
**Sutton, WV 26601**

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 601 57TH STREET SE  
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DATE PRINTED
03/21/2013

BID OPENING DATE: 04/11/2013 BID OPENING TIME 1:30PM

LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
0001	1	JB		906-29		
	MORGAN HW #46			DESIGN		
***** THIS IS THE END OF RFQ DEP16132 ***** TOTAL:						

SIGNATURE <i>[Signature]</i>	TELEPHONE 304-750-2203	DATE 4/5/2013
TITLE Owner	FEIN 55-0715654	ADDRESS CHANGES TO BE NOTED ABOVE

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

SOLICITATION NUMBER: DEP16132

Addendum Number: 1

---

The purpose of this addendum is to modify the solicitation identified as ("Solicitation") to reflect the change(s) identified and described below.

**Applicable Addendum Category:**

- Modify bid opening date and time
- Modify specifications of product or service being sought
- Attachment of vendor questions and responses
- Attachment of pre-bid sign-in sheet
- Correction of error
- Other

**Description of Modification to Solicitation:**

1. To move the bid opening date from April 4, 2013 to April 11, 2013.  
The bid opening time at 1:30 P.M. still remains.
2. To provide Addendum Acknowledgement.

**Additional Documentation:** Documentation related to this Addendum (if any) has been included herewith as Attachment A and is specifically incorporated herein by reference.

**Terms and Conditions:**

1. All provisions of the Solicitation and other addenda not modified herein shall remain in full force and effect.
2. Vendor should acknowledge receipt of all addenda issued for this Solicitation by completing an Addendum Acknowledgment, a copy of which is included herewith. Failure to acknowledge addenda may result in bid disqualification. The addendum acknowledgement should be submitted with the bid to expedite document processing.

ATTACHMENT A



**ADDENDUM ACKNOWLEDGEMENT FORM**  
**SOLICITATION NO.:** DEP16132

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

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

**Addendum Numbers Received:**

(Check the box next to each addendum received)

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

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

**G.A. Covey Engineering, PLLC**

Company



Authorized Signature

**April 5, 2013**

Date

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

RFQ No. DEP 16132

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: G.A. Covey Engineering, PLLC

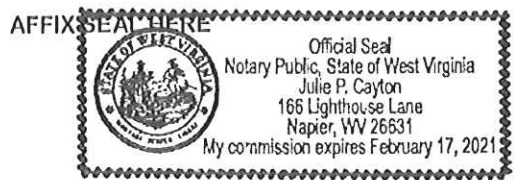
Authorized Signature: [Signature] Date: 4/5/2013

State of West Virginia

County of Braxton, to-wit:

Taken, subscribed, and sworn to before me this 5th day of April, 2013.

My Commission expires February 17, 2021.



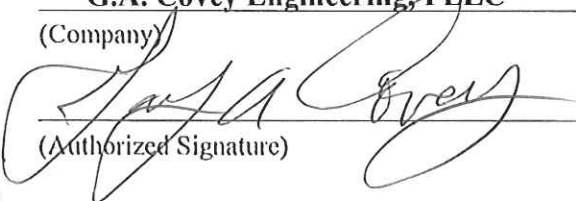
NOTARY PUBLIC [Signature]  
Purchasing Affidavit (Revised 07/01/2012)

**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.

**G.A. Covey Engineering, PLLC**

(Company)

  
(Authorized Signature)

**Gary A. Covey, Owner**

(Representative Name, Title)

**304-750-2203**

(Phone Number)

**304-750-2204**

(Fax Number)

**April 5, 2013**

(Date)

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Sutton, WV 26601

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# **G/A COVEY** **ENGINEERING**

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[gacovey@wvdsi.net](mailto:gacovey@wvdsi.net)



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**Gary A. Covey, Owner, RPE**  
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## G.A. Covey Engineering, PLLC

**G.A. Covey Engineering, PLLC** is a full service consulting civil engineering, testing, inspection and analytical services company. G.A. Covey Engineering was started in 1991 by Gary A. Covey. We currently service West Virginia, Ohio, Pennsylvania, Maryland and Virginia. In earlier years Gary worked with Brackenrich and Skidmore of Sutton, Monongahela Power of Gassaway and Oneida Coal Company of Wolf Creek in Civil Engineering.

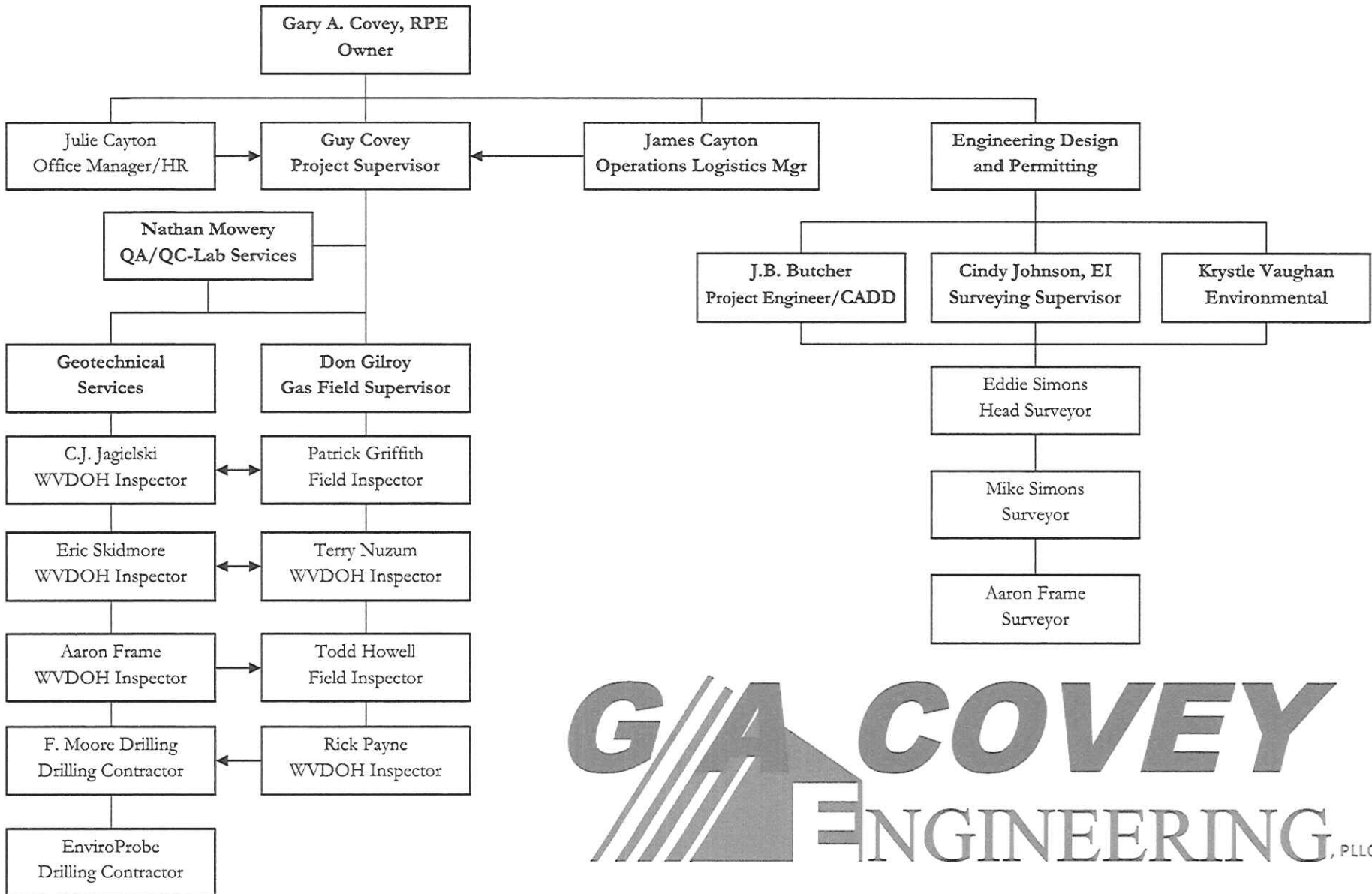
G.A. Covey Engineering, PLLC provides necessary surveying services required of projects including boundary and ALTA surveys, GPS surveys and site construction surveys to ensure proper construction and specifications compliant with the project. We also provide total civil site design for development projects that include site layout, utility design, storm water management design, parking and roadway design, permit application and submittal and necessary on site meetings with architects, owners and interested parties including city and state council members.

G.A. Covey Engineering, PLLC has helped to pave the way, in the past three years, for initiating geotechnical design and investigation in the Oil/Gas industry for pad site and water impoundment design and construction. This includes but is not limited to drilling and sampling for both the public and private sectors. We are currently very active in providing this service to the ever growing Oil/Gas industry.

G.A. Covey Engineering, PLLC provides environmental services for wetland delineation, storm water permitting, soil and groundwater sampling, asbestos surveys and sampling, and other environmental services as required.

G.A. Covey Engineering, PLLC also provides construction, material and concrete testing along with observation services. We have 11 field technicians available to provide construction inspection and observation with compaction testing as required. Detailed reports are provided with a prompt turnaround time along with soil evaluation needs.

**ORGINIZATIONAL CHART**





# CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)  
12/13/2012

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(ies) 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).

PRODUCER City Insurance Professionals 3601 MacCorkle Ave. SE P O Box 1126 Charleston WV 25324	CONTACT NAME Teresa Hylton
	PHONE / FAX (A/C. No.) (304) 926-7400 (304) 926-7433
	E-MAIL ADDRESS teresa.hylton@cityinsure.org
	INSURER(S) AFFORDING COVERAGE
	INSURER A: Great Midwest Insurance Co. NAIC # 18694
	INSURER B: Lloyds of London
	INSURER C
	INSURER D
	INSURER E
	INSURER F

COVERAGES CERTIFICATE NUMBER: CL12121314013 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	GENERAL LIABILITY						EACH OCCURRENCE \$ 1,000,000	
	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY						DAMAGE TO RENTED PREMISES (EA OCCURRENCE) \$ 100,000	
	<input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR	X	X	PP00011518-01	10/8/2012	10/8/2013	MED EXP (Any one person) \$ 5,000	
	GEN'L AGGREGATE LIMIT APPLIES PER							PERSONAL & ADV INJURY \$ 1,000,000
	<input checked="" type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC						GENERAL AGGREGATE \$ 2,000,000	
A	AUTOMOBILE LIABILITY						PRODUCTS - COM/POP AGG \$ 2,000,000	
	<input checked="" type="checkbox"/> ANY AUTO						COMBINED SINGLE LIMIT (EA ACCIDENT) \$ 1,000,000	
	<input type="checkbox"/> ALL OWNED AUTOS			CA00011522	10/8/2012	10/8/2013	BODILY INJURY (Per person) \$	
	<input type="checkbox"/> HIRED AUTOS						BODILY INJURY (Per accident) \$	
	<input type="checkbox"/> SCHEDULED AUTOS						PROPERTY DAMAGE (Per accident) \$	
	<input type="checkbox"/> NON-OWNED AUTOS						Medical payments \$ 5,000	
A	<input checked="" type="checkbox"/> UMBRELLA LIAB						EACH OCCURRENCE \$ 1,000,000	
	<input type="checkbox"/> EXCESS LIAB						AGGREGATE \$ 1,000,000	
	<input type="checkbox"/> OCCUR			EBU019084232	10/8/2012	10/8/2013		
	<input type="checkbox"/> CLAIMS-MADE							
	DED RETENTION \$							
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY						WC STATUTORY LIMITS	
	ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH)		N/A				OTH-ER	
	If yes, describe under DESCRIPTION OF OPERATIONS below						E L EACH ACCIDENT \$	
B	Professional Liability			GLOPR1200905	08/28/2012	08/28/2013	E L DISEASE - EA EMPLOYEE \$	
							E L DISEASE - POLICY LIMIT \$	
							\$1,000,000	

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, if more space is required)  
Antero Resources Appalachian Corporation, its parent, subsidiary, related, and affiliated entities, and its and their co-interest owners, joint venturers, partners, co-lessees, and contractors and subcontractors of every tier (collectively, "Company Group") shall be included as an additional insured as respects to the General Liability for operations performed by GA Covey Engineering PLLC on behalf of Antero Resources Appalachian Corporation as per the written agreement. A Waiver of subrogation is provided against Antero Resources Appalachian Corporation, Company Group and be primary as respects to any other coverage in favor of Company Group.

CERTIFICATE HOLDER  <b>For Information Only</b>	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  Dianna Powell/TERESA



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---

*AML & Relevant Project Experience*  
*2010-2013*

- Duck Creek Jenkins Landslide (AML) Clay County, WV (Collins Contracting)
- Hydro study for Bolon Walmart (James Watkins)
- Pond Impoundment Design (Grenadier Energy)
- Mine Drainage, Fairmont East (Breakaway)
- Elk River Portals, Big Chimney, WV (Breakaway)
- Crooked Fork Highwall, Lewis County (Breakaway)
- Lynch Run Highwall (AML) Gilmer County, WV (Breakaway)
- Big Tee Bridge, Randolph County (C.L. Belt)
- Brooks Run Pond #6, Braxton County (Brooks Run Mining)
- Mountain Run Refuse Portals (AML) Preston County (Breakaway)
- NPDES modifications Stonegate at Peck Hill (T&R Investments)
- Nettie Water Plant, Nettie, WV (FAMCO)
- Tub Run Highwall and Refuse, (AML) Tucker County (Collins Contracting)
- Nellis Project (AML) Nellis, WV (Breakaway)
- Pringle Run (Breakaway)
- Sugar Camp Run Burning Refuse, Nicholas County (Collins Contracting)
- DMV, Summersville, WV (Flint Construction)
- Montana Portals, Monongahela County (Breakaway)
- Forman Dawson Portals (Breakaway)



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## SPECIAL RECLAMATION JOB CLAY COUNTY WV



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## LYNCH RUN AML PROJECT



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CIVIL, ENVIRONMENTAL, & MINING ENGINEERING – CONSTRUCTION & PROPERTY SURVEYING – PLANNING, DESIGN & PERMITTING  
WETLANDS DELINEATION – CONCRETE & COMPACTION TESTING – WATER & SEWER LINE DESIGN & PERMITTING  
WATER TESTING & TREATMENT – ENVIRONMENTAL SERVICES – OIL FIELD SERVICES

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## **ENGINEERING**

The Engineering Department of G.A. Covey Engineering offers a wide variety of Services to suit your every need.

### **Services Include:**

- Civil Engineering
- Mining & Reclamation
- Site Development
- Water Resources
- Water / Wastewater Systems
- Master Planning
- NPDES Permitting
- Wetland Delineation
- Soil Classification
- Aggregate Analysis
- Construction Management
- Quality Control
- Compaction Testing
- Concrete Testing
- Geo technical Laboratory Testing
- Emergency Management Program Services

Our Engineering Staff is dedicated to working with clients one on one to ensure the best possible solutions. Our experience, commitment and creativity for project success display our performance standards.

For Professional Engineering Services, please contact Gary Covey.

For Engineering Design and Permitting & Technical Services, please contact Gary Covey or JB Butcher.

Inquiries regarding Quality Control Inspections, Compaction Testing and Results, Concrete Testing and Results, and Aggregate Analysis, please contact Guy Covey.

P.O. Box 185  
106 West Main St.  
Sutton, WV 26601

Phone: (304) 750-2203  
Fax: (304) 750-2204



[www.coveyengineering.com](http://www.coveyengineering.com)  
[gacovey@wvdsi.net](mailto:gacovey@wvdsi.net)

## **SURVEYING**

The Survey Department of Covey Engineering offers a wide variety of Services to suit your every need.

### **Services Include:**

- Property Surveys
- Permitting for all State & Federal Agencies
- Mortgage Surveys
- Corridor Surveys
- Construction Stake-Outs
- ALTA Surveys
- Accident Surveys
- As-Built Surveys
- Well Stake-out
- Topographical Surveys
- Timber Volume Estimates
- Flood Zone Certificates

Survey data developed is critical to project success. Our engineering staff has over 40 years of combined experience in surveying services to federal, state, and local agencies; utility and communications companies; as well as builders and developers of all types of land development projects.

Our surveying team utilizes state of the art technology and equipment. These include Global Positioning Surveys (GPS), Electronic Total Stations and Data Collectors, Underground Utility Locating Equipment, Robotic Total Stations. Our internal processes allow us to successfully provide surveying services for both large and small projects.

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## ***OIL AND GAS INDUSTSRY***

Covey Engineering's experienced staff offers many services for the Oil and Gas Industry at a very competitive rate.

### **Services Include:**

- Preliminary Studies
- Permitting for all State & Federal Agencies
- Surveying
- Well Site Design
- Holding Pond Design
- Well Stakeout
- Environmental Assessment
- Pit treatment & Discharge
- Water Sampling
- Reclamation
- Dike Construction
- Well Set-up

By working closely with all State and Federal Regulatory Agencies, we are able to stay on top of the ever-changing rules and regulations, which affect the Oil and Gas Industries.

We also provide Turn-Key Services for producers who wish to eliminate the need for a multitude of sub-contractors.

Knowing the value of a dollar, we work closely with all our clients on an individual basis to provide the best service in industry while staying within the budget.



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## ***ENVIORNMENTAL***

Covey Engineering's experienced staff offers many services and products to suit your environmental needs.

### **Services Include:**

- Preliminary Studies
- Permitting for all State & Federal Agencies
- Domestic Water Sampling
- Monitor Well Sampling
- Stream Sampling
- Water Treatment Stations
- Reclamation
- Oil Field Services
- Wetland Delineation
- Soils Testing
- Dedicated Pump Installation

By working closely with all State and Federal Regulatory Agencies, we are able to stay on top of the ever changing rules and regulations which effect Industries throughout the Mountain State.

Knowing the value of a dollar, we work closely with all our clients on an individual basis to provide the best service in industry while staying within the budget.

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[gacovey@wvdsi.net](mailto:gacovey@wvdsi.net)

## **LABORATORY TESTING**

Covey Engineering's Lab can provide all of your soil and aggregate testing needs, to insure that the product that you are receiving or placing is meeting all of the project requirements.

### **Services Include:**

- Aggregate Gradations
- Grain Size Analysis for Soils
- 5 Point Proctors (ASTM D-698) (ASTMD-1557)
- Liquid Limits
- Plastic Limits
- Plasticity Index (P.I.)
- Mortar Strength Tests
- Grout Strength Tests
- Concrete Strength Tests
- Unit Weights for Aggregates
- Determine Specific Gravities for Aggregates

Our lab is equipped to do a high capacity of samples, so that we can get all results completed in a timely manner. We have highly experienced staff to ensure that all test results are accurate and all of your questions can be answered. We are certified to conduct testing for WVDOH projects.

We are using the latest GEOSYTEM software to conduct soils analysis, plot proctor curves, analyze soil grain size and plot plastic limits.

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

Attachment "B"

PROJECT NAME <b>Morgan Highwall #46 Design DEP 16132</b>		DATE (DAY, MONTH, YEAR) <b>April 5, 2013</b>	FEIN <b>55-0715654</b>
1. FIRM NAME <b>G.A. Covey Engineering, PLLC</b>		2. HOME OFFICE BUSINESS ADDRESS <b>106 West Main St., Sutton, WV 26601 Mailing Add: P.O. Box 185, Sutton, WV</b>	3. FORMER FIRM NAME
4. HOME OFFICE TELEPHONE <b>304-750-2203</b>	5. ESTABLISHED (YEAR) <b>1991</b>	6. TYPE OWNERSHIP <b>PLLC</b>	6a. WV REGISTERED DBE (Disadvantaged Business Enterprise) YES NO <b>X</b>
7. PRIMARY AML DESIGN OFFICE: ADDRESS/ TELEPHONE/ PERSON IN CHARGE/ NO. AML DESIGN PERSONNEL EACH OFFICE <b>G.A. Covey Engineering, PLLC, 106 West Main St., Sutton, WV 26601/Phone: 304-750-2203/ Gary A. Covey, Owner 3 - AML Design Personnel</b>			
8. NAMES OF PRINCIPAL OFFICERS OR MEMBERS OF FIRM <b>Gary A. Covey, Owner</b>		8a. NAME, TITLE, & TELEPHONE NUMBER - OTHER PRINCIPALS <b>N/A</b>	
9. PERSONNEL BY DISCIPLINE			
<b>1 ADMINISTRATIVE</b> — ARCHITECTS — BIOLOGIST <b>2 CADD OPERATORS</b> — CHEMICAL ENGINEERS <b>3 CIVIL ENGINEERS</b> <b>11 CONSTRUCTION INSPECTORS</b> <b>3 DESIGNERS</b> — DRAFTSMEN	— ECOLOGISTS — ECONOMISTS — ELECTRICAL ENGINEERS <b>1 ENVIRONMENTALISTS</b> — ESTIMATORS — GEOLOGISTS — HISTORIANS — HYDROLOGISTS	— LANDSCAPE ARCHITECTS <b>1 MECHANICAL ENGINEERS</b> <b>1 MINING ENGINEERS</b> — PHOTOGRAMMETRISTS — PLANNERS: URBAN/REGIONAL — SANITARY ENGINEERS — SOILS ENGINEERS — SPECIFICATION WRITERS	— STRUCTURAL ENGINEERS <b>4 SURVEYORS</b> — TRAFFIC ENGINEERS <b>2 OTHER</b>  <b>29 TOTAL PERSONNEL</b>
<p>TOTAL NUMBER OF WV REGISTERED PROFESSIONAL ENGINEERS IN PRIMARY OFFICE: <b>1</b>          *RPEs other than Civil and Mining must provide supporting documentation that qualifies them to supervise and perform this type of work.</p>			
10. HAS THIS JOINT-VENTURE WORKED TOGETHER BEFORE? <b>X</b> YES      Δ NO			

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

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

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

YES - Gary Covey and G.A. Covey Engineering has been involved with mining engineering and reclamation since 1977 with Brackrich and Associates, Oneida Coal, and working and bidding with contractors on various AML and special reclamation projects throughout WV. Since 1991 we have been involved with 30 projects.

NO

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

YES - G.A. Covey Engineering has a soils gradation lab and performs soil analysis and gradations for WVDOH projects in WV. Number of projects: 120

NO

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

YES - G.A. Covey Engineering does hydrology and hydraulic designs for almost all major projects it has worked on and is also trained and uses the natural stream design adopted by the state and the Canaan Valley Institute. Number of Projects: 110

NO

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

YES Description and Number of Projects: \_\_\_\_\_

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 - G.A. Covey Engineering has designed, bid and inspected various waterline projects for developers and the Flatwoods Canoe Run PDS. As Chief Engineer for Oneida Coal, Gary Covey dealt with aquifer degradation and remediation of domestic wells and water replacement.

NO

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

YES - G.A. Covey Engineering has been dealing with acid mine drainage and remediation on various AML and coal operations in WV. We have monitored and operated treatment systems for Brooks Run Mining as well as set up treatment and monitoring for Oneida Coal Company since 2001

NO

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

NAME & TITLE (Last, First, Middle Int.)	YEARS OF EXPERIENCE		
	YEARS OF AML DESIGN EXPERIENCE:	YEARS OF AML RELATED DESIGN EXPERIENCE:	YEARS OF DOMESTIC WATERLINE DESIGN EXPERIENCE:
<b>Covey, Gary A.</b>	<b>11 years</b>	<b>31 years</b>	<b>21 years</b>

Brief Explanation of Responsibilities

**Owner and principal Engineer designer for G.A. Covey Engineering. Responsible for major design and supervision of all design projects Surveyors, soils lab and construction inspectors.**

EDUCATION (Degree, Year, Specialization)

**B.S. in Civil Engineering, 1983, with specialization in geotechnical engineering and hydrology. Certified Army Corp of Engineers Wetland Delineation and Management, 2001. Rosgen Stream Design.**

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS

**ASCE, ACEC, WVSPE, WVALS, CAWV AND WV COAL ASSOCIATION**

REGISTRATION (Type, Year, State)

**WV RPE 10419 - 1988, WV PLS 755 - 1982, OH RPE 68959-2004**

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:
<b>Johnson, Cindy M.</b>	<b>3 years</b>	<b>3 years</b>	<b>3 years</b>

Brief Explanation of Responsibilities

**Engineer designer and supervision of technicians in the field and office**

EDUCATION (Degree, Year, Specialization)

**B.S. in Civil Engineering - 2005**

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS

**WVPS**

REGISTRATION (Type, Year, State)

**WV Engineering Intern 8609 - 2005**

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.)  <b>Butcher, III, Cecil L.</b>	YEARS OF EXPERIENCE		
	YEARS OF AML DESIGN EXPERIENCE:  10 years	YEARS OF AML RELATED DESIGN EXPERIENCE:  16 years	YEARS OF DOMESTIC WATERLINE DESIGN EXPERIENCE: 5 years

Brief Explanation of Responsibilities

Chief Civil designer and Permit Technician for NPDES and mine related permits and detailed drawing and design of commercial and mine developments and drainage.

EDUCATION (Degree, Year, Specialization)

**A.S. Civil Engineering Technology - 2002**

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:

Brief Explanation of Responsibilities

EDUCATION (Degree, Year, Specialization)

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS	REGISTRATION (Type, Year, State)
--	----------------------------------

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

4-Computer CADD stations with AutoCad 2009, Carlson/Civil Survey 2012 with the mining and hydrology modules, 1- HPT 770 42" max color plotter and other office equipment for general office duties and faxing. High speed internet access and communications. MS Professional Office Suite Pack with Word, Excel, Power Point, Outlook, Etc. Photoshop.



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
Meadows Quarry Quarry Permit Monterville, WV	Meadows Stone and Paving P.O. Box 10 Gassaway, WV 26624	Engineering design, Geology Hydrology and mine permitting.	2 - million	80%
Summersville DMV Summersville, WV	WV Department of Transportation	Quality control and Geotechnical work Construction stakeout.	2 - million	35%
CVS Pharmacy Gassaway, WV	Hometown Development 711 Second Street Portsmouth, OH 45662	Quality control and Geotechnical work	3 - million	90%
Antero Resources Well Pad and Pond Design Various Locations in WV & OH	Antero Resources P.O. Box 309 Ellenboro, WV 26346	Construction inspection and materials testing per construction plans. Environmental compliance. Soil compaction testing by use of proctor method and with the use of portable moisture density gauge.	5.5 - million	5%
Ford Store Foundation Construction Inspection Summersville, WV	Mid State Properties, LLC 2040 Sutton Lane Sutton, WV 26601	Soil compaction testing by use of proctor method and with the use of portable moisture density gauge.	1.5 - million	70%
Beckley Site – New Store Phase I Study Bradley, WV	Mid State Properties, LLC 2040 Sutton Lane Sutton, WV 26601	Phase I environmental site assessment per ASTM-E1527-05	2 - million	40%
TOTAL NUMBER OF PROJECTS:			TOTAL ESTIMATED CONSTRUCTION COSTS: \$ 16,000,000	
6				



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)
Collins Quarry Quarry Permit Braxton County	Collins Building & Contracting 3406 Corley-Caress Road Flatwoods, WV 26621	1.5 million	2012	Yes
Stonegate Subdivision NPDES Modification to existing storm water permit over 3-acres Summersville, WV	Mid State Properties, LLC 2040 Sutton Lane Sutton, WV 26601	1.2 million	2012	Yes
Go-Mart Drainage Project Milton, WV	Go-Mart Corporation 915 Riverside Drive Gassaway, WV 26624	0.5 million	2009	Yes
Breakaway New Store Martinsburg, WV	Breakaway Inc 1075 Old Turnpike Road Sutton, WV 26601	1.2 million	2008	Yes
Triana Energy Well Drilling, Planning and Permitting Nicholas County, WV	Triana Energy 900 Virginia St., E. Suite 400 Charleston, WV 25301	20 million	2010	Yes
Widen Refuge Power Generation Widen, WV	Heartwood Forrestland Group 3001 Emerson Avenue Parkersburg, WV 26104	20 million	2010	No

18. COMPLETED WORK WITHIN LAST 5 YEARS ON WHICH YOUR FIRM HAS BEEN A SUB-CONSULTANT TO OTHER FIRMS (INDICATE PORTION 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
Marcellus Gas Exploration Water Reservoir Construction, Inspection and Testing. Towanda, PA	Chesapeake Energy 171 Hillpointe Dr., Ste. 303 Canonsburg, PA 51317	15 million	2011	Yes	Navitus Engineering 151 Windy Hill Lane Winchester, VA 22602

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: Owner Date: April 5, 2013

Printed Name: Gary A. Covey

**AML and RELATED PROJECT EXPERIENCE MATRIX**

PROJECT	Exp. Basis C=Corp. P=Personal	Additional Info Provided in Section (s) **	PROJECT EXPERIENCE REQUIREMENTS															*** M=Management P=Professional						
			Abandoned Surface Mine Reclamation	Abandoned Deep Mine Reclamation	Partial Shaft Closure	Hydrology/Hydraulic Design Eval.	Remining Evaluation	Mine/Refuse Fire Abatement	Subsidence Investigation Mitigation	Hazardous Waste Disposal	Project Specifications	Water Quality Evaluation/Navigation/R eplacement	Construction Inspection/Management	Water Treatment	Equipment/Structure Removal	Stream Restoration	Geotechnical/Stability	Gary A. Cowey	"JB" Cecil Bulcher, II	Cindy Johnson				
Onelda Coal	P & C		X	X	X	X	X		X	X	X	X	X	X	X	X	X	X						
Brooks Run Mining	C					X			X					X			X	X	X	X				
Meadows Stone	C					X	X				X	X	X	X				X	X	X				
Carson One	C					X	X			X	X	X	X					X	X					
Terry Eagle	P					X			X	X	X	X	X				X	X						
Furr Trucking	P		X	X	X	X	X				X	X	X	X			X	X						
Greenbriar Coal	C					X	X				X	X	X				X							
AJ Trussler Stream Relocation	C					X						X	X			X	X	X	X	X				
Go Mart New Stores	C					X				X	X	X	X			X	X	X	X	X				
High Power Energy	P		X	X	X	X	X		X	X	X	X	X	X	X	X	X	X						
Summersville Regional Medical Center - Parking Lot expansion project/Water Tank	C					X					X	X	X						X		X			
Brunsville Waterline	C					X					X							X	X					
Carter Machiner Regional Service Center	C					X			X		X	X	X			X								

\* 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.