



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

# Request for Quotation

RFQ NUMBER  
 DEP14620

PAGE  
 1

ADDRESS CORRESPONDENCE TO ATTENTION OF  
 CHUCK BOWMAN  
 304-558-2157

VENDOR

RFQ COPY  
 TYPE NAME/ADDRESS HERE

G.A. Covey Engineering PLLC  
 P.O. Box 185  
 Sutton, WV 26601

SHIP TO

ENVIRONMENTAL PROTECTION  
 DEPARTMENT OF  
 OFFICE OF WASTE MANAGEMENT  
 601 57TH STREET SE  
 CHARLESTON, WV  
 25304 304-926-0499

DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
04/02/2009				

BID OPENING DATE: 05/06/2009 BID OPENING TIME 01:30PM

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
0001	1	JB		906-29		
<p>CAPON SPRINGS LANDFILL CLOSURE DESIGN &amp; QA/QC.</p> <p>EXPRESSION OF INTEREST</p> <p>THE WEST VIRGINIA PURCHASING DIVISION, FOR THE AGENCY, THE WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, IS SOLICITING EXPRESSIONS OF INTEREST FOR SITE CHARACTERIZATION STUDY, LEACHATE MANAGEMENT &amp; CLOSURE CAP DESIGN, AND QUALITY ASSURANCE/QUALITY CONTROL FOR THE CAPON SPRINGS LANDFILL PER THE FOLLOWING BID REQUIREMENTS AND ATTACHED SPECIFICATIONS.</p> <p>BANKRUPTCY: IN THE EVENT THE VENDOR/CONTRACTOR FILES FOR BANKRUPTCY PROTECTION, THIS CONTRACT IS AUTOMATICALLY NULL AND VOID AND IS TERMINATED WITHOUT FURTHER ORDER.</p>						
***** THIS IS THE END OF RFQ DEP14620 ***** TOTAL:						

RECEIVED

2009 MAY -6 PM 12:48

WV PURCHASING DIVISION

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE <i>[Signature]</i>	TELEPHONE 304 364 4100	DATE 05-05-09
TITLE OWNER	FEIN 55-0715654	ADDRESS CHANGES TO BE NOTED ABOVE

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

STATE OF WEST VIRGINIA  
Purchasing Division024**PURCHASING AFFIDAVIT****VENDOR OWING A DEBT TO THE STATE:**

*West Virginia Code* §5A-3-10a provides that: 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 the debt owed is an amount greater than one thousand dollars in the aggregate.

**PUBLIC IMPROVEMENT CONTRACTS & DRUG-FREE WORKPLACE ACT:**

If this is a solicitation for a public improvement construction contract, the vendor, by its signature below, affirms that it has a written plan for a drug-free workplace policy in compliance with Article 1D, Chapter 21 of the *West Virginia Code*. The vendor **must** make said affirmation with its bid submission. Further, public improvement construction contract may not be awarded to a vendor who does not have a written plan for a drug-free workplace policy in compliance with Article 1D, Chapter 21 of the *West Virginia Code* and who has not submitted that plan to the appropriate contracting authority in timely fashion. For a vendor who is a subcontractor, compliance with Section 5, Article 1D, Chapter 21 of the *West Virginia Code* may take place before their work on the public improvement is begun.

**ANTITRUST:**

In submitting a bid to any agency for the state of West Virginia, the bidder offers and agrees that if the bid is accepted the bidder will convey, sell, assign or transfer to the state of West Virginia all rights, title and interest in and to all causes of action it may now or hereafter acquire under the antitrust laws of the United States and the state of West Virginia for price fixing and/or unreasonable restraints of trade relating to the particular commodities or services purchased or acquired by the state of West Virginia. Such assignment shall be made and become effective at the time the purchasing agency tenders the initial payment to the bidder.

I certify that this bid is made without prior understanding, agreement, or connection with any corporation, firm, limited liability company, partnership or person or entity submitting a bid for the same materials, supplies, equipment or services and is in all respects fair and without collusion or fraud. I further certify that I am authorized to sign the certification on behalf of the bidder or this bid.

**LICENSING:**

Vendors must be licensed and in good standing in accordance with any and all state and local laws and requirements by any state or local agency of West Virginia, including, but not limited to, the West Virginia Secretary of State's Office, the West Virginia Tax Department, West Virginia Insurance Commission, or any other state agencies or political subdivision. Furthermore, the vendor must provide all necessary releases to obtain information to enable the Director or spending unit to verify that the vendor is licensed and in good standing with the above entities.

**CONFIDENTIALITY:**

The vendor agrees that he or she will not disclose to anyone, directly or indirectly, any such personally identifiable information or other confidential information gained from the agency, unless the individual who is the subject of the information consents to the disclosure in writing or the disclosure is made pursuant to the agency's policies, procedures and rules. Vendor further agrees to comply with the Confidentiality Policies and Information Security Accountability Requirements, set forth in <http://www.state.wv.us/admin/purchase/privacy/noticeConfidentiality.pdf>.

Under penalty of law for false swearing (*West Virginia Code* §61-5-3), it is hereby certified that the vendor affirms and acknowledges the information in this affidavit and is in compliance with the requirements as stated.

Vendor's Name: G. A. Covey ENGINEERINGAuthorized Signature:  Date: 05-05-09

*G.A. Covey Engineering*  
*Professional Engineers and Surveyors*

*Capon Springs Landfill Closure Design & OA/QC*  
*DEP14620*

*Request for Statement of Qualifications*  
*For*  
*Engineering Services*

P. O. Box 185  
Sutton, WV 26601  
Phone: (304) 364-4100  
Fax: (304) 364-5100

P. O. Box 5584  
Beckley, WV 25801  
Phone: (304) 256-2003  
Fax: (304) 929-3494

May 05, 2009

To: West Virginia Department of Environmental Protection,

RE: Request for Proposals for Engineering Services, DEP 14622 Pines Country Club (Ponds) Design.

Dear Sir,

G.A. Covey Engineering appreciates the opportunity to submit this proposal for the Pond Design Services for the Pines Country Club.

G.A. Covey Engineering was established in 1991 in Sutton by Gary Covey, who has worked in the community doing engineering with Brackenrich and Skidmore of Sutton, Monongahela Power, of Gassaway and Oneida Coal Company, of Wolf Creek, since 1977. G.A. Covey Engineering has been involved with the AML program indirectly as the company has worked with the AML contractors on bidding and construction layout, compaction and assisting in design changes in the field and assisting the contractors on critical construction and installation phases of the projects. We have been involved with the mine acid treatment facilities in their placement and construction with the contractors to insure their proper construction along with as built designs and drawings needed at the end of the project.

G.A. Covey Engineering has a field office in Beckley near the project site in southern West Virginia.

We have also worked with various mining companies over the years in permitting, valley and refuse fill design, pond design and construction, water studies and analysis, water treatment and daily monitoring, drinking water replacement in areas of mine subsidence.

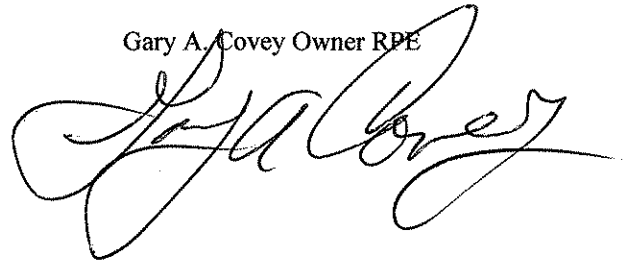
We have worked with the Braxton and Gilmer County commission on various waterline projects and Industrial Development Parks, involved with all phases of engineering design, permitting, construction specifications, contracting and construction monitoring.

Our work with Go mart Corporation over the last several years has had us extensively working on all phases of engineering design and construction bidding and inspection throughout West Virginia and Ohio.

Our staff of engineers surveyors and quality control technicians and inspectors, have a wide range of experience in engineering design and construction. 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.

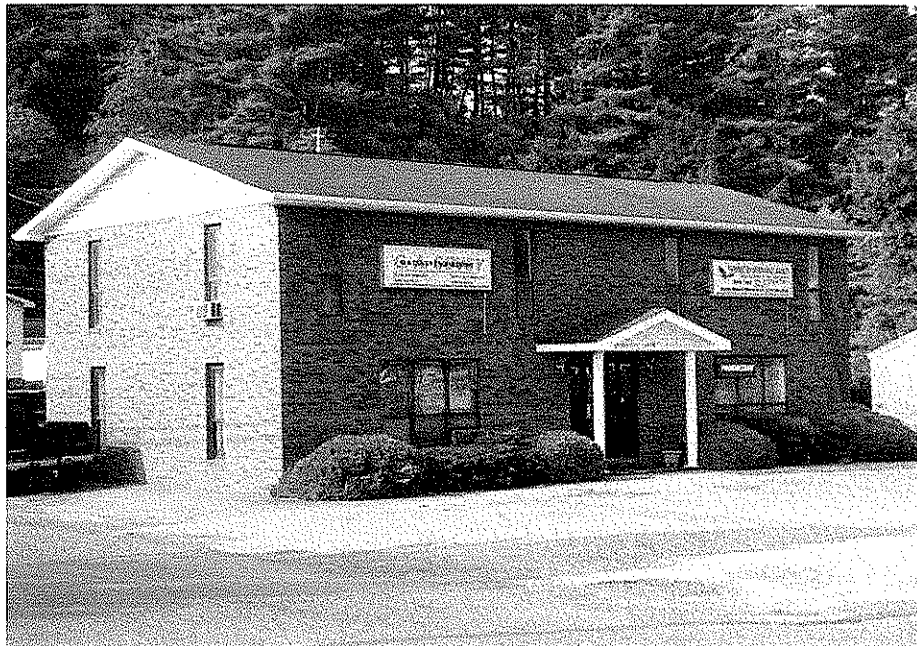
Sincerely

Gary A. Covey Owner RPE





*G.A. Covey Engineering has two offices, the main office is located in Gassaway, WV*



*The Second office is located in Beckley, WV*

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

**Guarantee**

*Our staff will always listen and discuss all aspects of a project to understand goals and objectives in order to provide the highest quality service that will empower completion of all projects with speed and accuracy while staying consistent with the budget.*

*Our goal is to establish more than a relationship with every client but a friendship based on trust and commitment.*

*G.A. Covey Engineering personnel summary*

*Gary A, Covey*

*Owner and Operator - G.A. Covey Engineering PLLC*

*Register Professional Engineer and Professional Land Surveyor*

*Civil Engineering design planning permitting and storm water design and permitting in the highway and commercial development industries. Mining engineering planning design and permitting for underground and surface mining operations throughout West Virginia since 1977. Planning and managing exploration programs for coal, gas, and aggregates. Project Design for Highways Mining, Commercial Developments. Construction Management and Quality Control Testing on Major Highways, Commercial Developments, Bridges, and Waterline Construction.*

*Construction Estimates and Bidding in the Construction Industries. Wetlands Studies and construction remediation. Stream Relocation and remediation. Water Collection and Acid Mine water treatment design and monitoring on Mining Sites. Mine Reserve analysis and studies for coal acquisitions and developments. Interpretation and clarification of Federal and State mining and environmental regulations.*

*Professional Land Surveyor involved with construction surveying and layout. Boundary surveying and property line disputes. Resolving boundary issues between land owners. Aerial mapping coordination and acquisition. GPS surveying and control. Hydrological analysis and drainage design on construction and mining projects. Drainage and structural fill construction certification for State and Federal Requirements.*

*G.A. Covey Engineering personnel summary*

*John L Cox*

*G.A. Covey Engineering PLLC*

*Register Professional Engineer and Professional Land Surveyor*

*Civil Engineering design, permitting and storm water design and permitting in the highway and commercial development industries. Mining engineering planning design and permitting for underground and surface mining operations throughout West Virginia. Project Design for Mining, and Commercial Developments.*

*Construction Management and Quality Control Testing on Major Highways, Commercial Developments, Bridges, and Waterline Construction. Water Collection and Acid Mine water treatment design and monitoring on Mining Sites.*

*Mine Reserve analysis and studies for coal acquisitions and developments. Professional Land Surveyor involved with construction surveying and layout. Boundary surveying and property line disputes. Resolving boundary issues between land owners. Aerial mapping coordination and acquisition.*

*GPS surveying and control. Hydrological analysis and drainage design on construction and mining projects. Drainage and structural fill construction certification for State and Federal Requirements.*



*G.A. Covey Engineering personnel summary*

*Brenda Naye*

*G.A. Covey Engineering PLLC*

*Office Manager*

*Office Manager, Administrative Assistant, Office Associate/Engineering & Construction,  
Customer Service Representative*

*Severn Trent Operations Resource Managerial Systems, Quick Books, Windows 95/98,  
Microsoft Office, Word, Office 2000,*

*I, and most of the staff, recently attended meetings with the Leadership of the  
WV Dept. of Highways ,US Corps of Engineers, Dept. of Environmental Protection  
Agency, Contractor Association, WV Army National Guard Engineers, Water  
Development Authority and USDA Rural Utilities Service involving identifying projects  
that would qualify for the Stimulus Bill.*

*G.A. Covey Engineering personnel summary*

*George D. Caldwell*

*G.A. Covey Engineering PLLC*

*General Manager*

*Civil Engineering design planning permitting and storm water design and permitting in the highway and commercial development industries. Mining engineering design and permitting surface mining operations throughout West Virginia. Project Design for Highways Mining, and Commercial Developments.*

*Project Design for the design/construction of a solid waste disposal area for reject material from a coal washing plant. Ivy Sanity Landfill, Albermarle County – Performed the Cadd design and surface modeling computations to determine landfill capacities and remaining expansion life, and produced finished design plans.*

*Construction Management and Quality Control Testing on Major Highways, Commercial Developments, Bridges, and Waterline Construction. Construction Estimates and Bidding in the Construction Industries. Wetlands Studies, Construction, and Stream Relocation and remediation. Surveyor involved with construction surveying and layout.*

*Boundary surveying and property line disputes. Resolving boundary issues between land owners. Aerial mapping coordination and acquisition. GPS surveying and control. Hydrological analysis and drainage design on construction and mining projects. Drainage and structural fill construction certification for State and Federal Requirements.*

**WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION  
LANDFILL CLOSURE CONSULTANT QUALIFICATION QUESTIONNAIRE**

PROJECT NAME DEP 14620 Capon Springs Landfill Closure	DATE (DAY, MONTH, YEAR) 05,May, 2009	FEIN 55-0715654
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1. FIRM NAME G.A. Covey Engineering	2. HOME OFFICE BUSINESS ADDRESS P.O. Box 185, Sutton, WV 26601	3. FORMER FIRM NAME N/A
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4. HOME OFFICE TELEPHONE 304-364-4100	5. ESTABLISHED (YEAR) 1991	6. TYPE OWNERSHIP PLLC	6A. WV REGISTERED DBE (DISAVANTAGED BUSINESS ENTERPRISE)  YES            NO X
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7. PRIMARY OFFICE: ADDRESS/ TELEPHONE/ PERSON IN CHARGE/ NO. (name particular type) PERSONNEL EACH OFFICE  
 Gary A. Covey, Owner, Physical Address: 537 Enterprise Drive, Gassaway, WV 26624 Phone: 304-364-4100 Fax 304-364-5100, Mailing address P.O. Box 185, Sutton, WV 26601

8. NAMES OF PRINCIPAL OFFICERS OR MEMBERS OF FIRM Gary A. Covey, Owner	8a. NAME, TITLE, & TELEPHONE NUMBER-OTHER PRINCIPALS
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9. NUMBER OF PERSONNEL BY DISPLINE (Bold Lettering Indicates Minimum Design Team Members)  
**Detailed information On Team To Be Included**

<input type="checkbox"/> ADMINISTRATIVE	<input type="checkbox"/> ECOLOGISTS	<input type="checkbox"/> LANDSCAPE	<input type="checkbox"/> STRUCTURAL
<input type="checkbox"/> ARCHITECTS	<input type="checkbox"/> ECONOMISTS	ARCHITECTS	ENGINEERS
<input type="checkbox"/> BIOLOGIST	<input type="checkbox"/> ELECTRICAL	<input type="checkbox"/> MECHANICAL	3 <b>SURVEYORS</b>
2 <b>CADD OPERATORS</b>	ENGINEERS	ENGINEERS	
<input type="checkbox"/> CHEMICAL ENGINEERS	<input type="checkbox"/> ENVIRONMENTALISTS	<input type="checkbox"/> MINING	1 <input type="checkbox"/> OTHER
3 <b>CIVIL ENGINEERS</b>	<input type="checkbox"/> ESTIMATORS	ENGINEERS	
<input type="checkbox"/> 2 CONSTRUCTION	<input type="checkbox"/> <b>GEOLOGIST</b>	<input type="checkbox"/> PHOTOGRAMMETRISTS	
<input type="checkbox"/> INSPECTORS	<input type="checkbox"/> HISTORIANS	<input type="checkbox"/> PLANNERS:	11 <input type="checkbox"/> TOTAL
<input type="checkbox"/> DESIGNERS	<input type="checkbox"/> <b>HYDROLOGISTS</b>	URBAN/REGIONAL	PERSONNEL
<input type="checkbox"/> DRAFTSMEN		<input type="checkbox"/> SANITARY	
		ENGINEERS	
		<b>SOILS ENGINEERS</b>	
		<input type="checkbox"/> SPECIFICATION	
		WRITERS	

**TOTAL NUMBER OF WV REGISTERED PROFESSIONAL ENGINEERS IN PRIMARY OFFICE: 2**

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

10. If submittal is by joint venture, list participating firms & outline specific areas of responsibility (including administrative, technical, & financial) for each firm. Each participating firm must complete a "Consultant Confidential Qualification Questionnaire".

10a. HAS THIS JOINT-VENTURE WORKED TOGETHER BEFORE?     YES                       NO

11. OUTSIDE KEY CONSULTANTS/ SUB-CONSULTANTS ANTICIPATED TO BE USED.		
NAME AND ADDRESS:	SPECIALTY:	WORKED WITH BEFORE
Novel- Geo Environmental, LLC, 806 B Street, St. Albans, WV 25177	Geotechnical Engineering and hydrology	X YES <input type="checkbox"/> NO
NAME AND ADDRESS:	SPECIALTY:	WORKED WITH BEFORE  <input type="checkbox"/> YES <input type="checkbox"/> NO
NAME AND ADDRESS:	SPECIALTY:	WORKED WITH BEFORE  <input type="checkbox"/> YES <input type="checkbox"/> NO
NAME AND ADDRESS:	SPECIALTY:	WORKED WITH BEFORE  <input type="checkbox"/> YES <input type="checkbox"/> NO
NAME AND ADDRESS:	SPECIALTY:	WORKED WITH BEFORE  <input type="checkbox"/> YES <input type="checkbox"/> NO
NAME AND ADDRESS:	SPECIALTY:	WORKED WITH BEFORE  <input type="checkbox"/> YES <input type="checkbox"/> NO
NAME AND ADDRESS:	SPECIALTY:	WORKED WITH BEFORE  <input type="checkbox"/> YES <input type="checkbox"/> NO
NAME AND ADDRESS:	SPECIALTY:	WORKED WITH BEFORE  <input type="checkbox"/> YES <input type="checkbox"/> NO
NAME AND ADDRESS:	SPECIALTY:	WORKED WITH BEFORE  <input type="checkbox"/> YES <input type="checkbox"/> NO
NAME AND ADDRESS:	SPECIALTY:	WORKED WITH BEFORE  <input type="checkbox"/> YES <input type="checkbox"/> NO
NAME AND ADDRESS:	SPECIALTY:	WORKED WITH BEFORE  <input type="checkbox"/> YES <input type="checkbox"/> NO
NAME AND ADDRESS:	SPECIALTY:	WORKED WITH BEFORE  <input type="checkbox"/> YES <input type="checkbox"/> NO
NAME AND ADDRESS:	SPECIALTY:	WORKED WITH BEFORE  <input type="checkbox"/> YES <input type="checkbox"/> NO
NAME AND ADDRESS:	SPECIALTY:	WORKED WITH BEFORE  <input type="checkbox"/> YES <input type="checkbox"/> NO
NAME AND ADDRESS:	SPECIALTY:	WORKED WITH BEFORE  <input type="checkbox"/> YES <input type="checkbox"/> NO
NAME AND ADDRESS:	SPECIALTY:	WORKED WITH BEFORE  <input type="checkbox"/> YES <input type="checkbox"/> NO
NAME AND ADDRESS:	SPECIALTY:	WORKED WITH BEFORE  <input type="checkbox"/> YES <input type="checkbox"/> NO
NAME AND ADDRESS:	SPECIALTY:	WORKED WITH BEFORE  <input type="checkbox"/> YES <input type="checkbox"/> NO

		<input type="checkbox"/> YES <input type="checkbox"/> NO
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12. \*\*\*Note: *Personnel* refers to those who will be working directly on the project:

A. Are your firm's personnel experienced in Solid Waste Landfill Closure Design?

**YES   Description and Number of Projects:**  
     Gary A. Covey Landfill Design and Closures and      Soils and impermeability testing in the field. Construction Monitoring. 4 sites in WV. George Caldwell Landfill design and modeling on 4 landfills in Virginia  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**NO**

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B. Are your firm's personnel experienced in Solid Waste landfill site characterization assessment and evaluation?

**YES   Description and Number of Projects:**  
     George Caldwell, Modiling and assement of 4 Landfills in Virginia \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**NO**

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C. Are your firm's personnel experienced in landfill closure construction inspection?

**YES   Description and Number of Projects:**  
     Gary Covey Testing and inspection of 3 Landfills in West Virginia \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**NO**

---

D. Is your firm experienced in Aerial Photography and the Development of Contour Mapping?

**YES   Description and Number of Projects:**  
     We Use aerial mapping on most large projects for design and cross sections . We also do topographic field surveying for small site contour mapping and locations for site design and layout. \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**NO**

E. Are your firm's personnel experienced in evaluating ground water contamination, such as may be associated with landfills?

**YES Description and Number of Projects:**

State wide water monitoring of Landfills throughout WV on Statewide contract

**NO**

F. Are your firm's personnel experienced in Landfill Closure cost estimating?

**YES Description and Number of Projects:**

Gary A. Covey worked as estimator for various contractors on bidding and estimates for construction of landfills closures 6 projects as well as other contracts for water sewer and roadways in West Virginia over the past 17 years.

**NO**

**13. PERSONAL HISTORY STATEMENT OF PRINCIPALS AND ASSOCIATES RESPONSIBLE FOR LANDFILL CLOSURE DESIGN (describe project) (Furnish Complete data but keep to essentials)**

NAME & TITLE (Last, first, Middle Int.) Gary A. Covey	YEARS OR EXPERIENCE 31 Years		
	YEARS OF (type) EXPERIENCE: Mine Permitting and Design 30 years	YEARS OF (type) EXPERIENCE: Landfill Construction design and permitting 5 years	YEARS OF (name type) EXPERIENCE: Surveying and mapping 35 years

Brief Explanation of Responsibilities:  
Project Manager, Surveyor and construction Engineer on various projects in Mining Landfill and surveying throughout WV Started G.A. Covey Engineering in 1991 doing construction monitoring testing permitting and construction estimating for Highways, Mining and commercial developments throughout WV.

**EDUCATION (DEGREE, YEAR, SPECIALIZATION)**

BS Degree in Civil Engineering Specialization in Geotechnical, Hydrology, Surveying and Mapping

**MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS:**  
NSPE, WVALS, ASCE, WV Contractors Association, ACEC

**REGISTRATION (Type, Year, State)**  
Professional Engineer WV 1988  
Professional Engineer Ohio 2004  
Professional Surveyor WV 1982

13a. PERSONAL HISTORY STATEMENT OF PRINCIPALS AND ASSOCIATES RESPONSIBLE FOR LANDFILL CLOSURE DESIGN (name type of design or work) (Furnish complete data but keep to essentials)			
NAME & TITLE (Last, First, Middle Int.)	YEARS OF EXPEIRENCE		
	YEARS OF EXPEIRCENE (name type): Site Design Surveying , mapping, Mine Permitting 30 Years	YEARS OF EXPEIRENCE (name type): Landfill design and permitting 10 years	YEARS OF EXPEIRENCE (name type): Construction Inspection and Testing 20 years
John Cox			
Brief Explanation of Responsibilities: _____ Design engineer and permit engineer for NPDES, Water, Sewer, Highway and Mining permits required for construction of commercial developments and mining throughout West Virginia _____ _____ _____ _____ _____			
EDUCATION (Degree, Year, Specialization) BS Mining Engineering 1983 and 36 hours toward MS Environmental Engineering. Certified in soils and aggregates through the WVDOH			
MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS ASCE, ACEC and WVALS		REGISTRATION (Type, Year, State) Registered Professional Engineer, WV 1987 Registered Professional Engineer Ohio, 2004 Registered Professional Engineer Virginia 2004 Professional Surveyor WV 1980	

13b. PERSONAL HISTORY STATEMENT OF PRINCIPALS AND ASSOCIATES RESPONSIBLE FOR LANDFILL CLOSURE QA/QC (Furnish complete data but keep to essentials)			
NAME & TITLE (last, first, middle Int.)	YEARS OF EXPEIRENCE		
	YEARS OF EXPERIENCE (name type): Civil Engineering 30 years	YEARS OF EXPEIRENCE (name type): Construction Management 20 years	YEARS OR EXPEIRENCE (name type): Land Fill design and permitting 5 years
George Caldwell			
Brief Explanation of Responsibilities: Design Engineer and office manager with extensive experience in Land development, Industrial Development, Land Fill design, Airport Master planning, Construction Management and contracting, Environmental Permitting .			
EDUCATION (Degree, Year, Specialization) BS Degree Civil Engineering Virginia Tech 1986			
MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS ASCE, ACEC		REGISTRATION (Type, Year, State) None.	

13c. PERSONAL HISTORY STATEMENT OF PRINCIPALS AND ASSOCIATES <b>RESPONSIBLE FOR HEAVY EARTH WORK CONSTRUCTION PROJECTS</b> (Furnish complete data but keep to essentials)			
NAME & TITLE (last, first, middle Int.)	YEARS OF EXPERIENCE		
	YEARS OF EXPERIENCE (name type)	YEARS OF EXPERIENCE (name type)	YEARS OF EXPERIENCE (name type)
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 THIS PROJECT (name project)
SurveCadd 2009 Civil Surveying Soft Ware Using Auto Cadd 2009
Microsoft Office professional
QuickBooks Professional Office
2 Color 36 inch HP plotters, High Speed DSL Internet Lines, GPS Surveying Units, Soils Lab for soils and aggregate gradation and classification. Nuclear Compaction testing Gauges and field equipment. Two Nikon 5 second electronic field surveying equipment. 4 Cadd drafting stations and 4 other computer for administration and word processing.





TOTAL NUMBER OF PROJECTS: # <u>2</u>			TOTAL ESTIMATED CONSTRUCTION COSTS: \$ <u>4 million</u>	

16. CURRENT ACTIVITIES ON WHICH YOUR FIRM IS SERVING AS A SUB-CONSULTANT TO OTHERS RELATING TO LANDFILL CLOSURE AND CONSTRUCTION.					
PROJECT NAME, TYPE, AND LOCATION	NATURE OF FIRMS RESPONSIBILITY	NAME AND ADDRESS OF OWNER	ESTIMATED COMPLETION DATE	ESTIMATED CONSTRUCTION COST:	
				ENTIRE PROJECT	YOUR FIRMS RESPONSIBILITY
None					

17. COMPLETED WORK WITHIN LAST 5 YEARS ON WHICH YOUR FIRM WAS THE DESIGNATED ENGINEER OF RECORD (List 5 to 7)				
PROJECT NAME, TYPE AND LOCATION	NAME AND ADDRESS OF OWNER	ESTIMATED CONSTRUCTION COST	YEAR	CONSTRUCTED (YES OR NO)
Go Mart Flatwoods WV New Store	Go Mart Corporation 915 Riverside Drive, Gassaway, WV 26624	1.8 Million	2007	Yes

Go Mart Elkview, New Store	Same	1.6 Million	2006	Yes
Go Mart , Williamstown, WV New Store	Go Mart Corporation 915 Riverside Drive Gassaway, WV 26624	2.2 Million	2005	Yes
Go Mart, Weston WV, New Store	Same	1.9 Million	2005	Yes
Go Mart Lewisburg, WV New Store	Same	1.9 Million	2004	yes

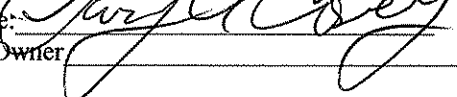
18. COMPLETED WORK WITHIN LAST 5 YEARS IN WHICH YOUR FIRM HAS BEEN A SUBCONSULTANT TO OTHER FIRMS (INDICATE PHASE OF WORK WHICH YOUR FIRM WAS RESPONSIBLE) LIST 5 TO 7.

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 WV Department of Environmental Protection.

G.A. Covey Engineering is a diverse Engineering Firm involved in the construction and mining industries. We have a lot of experience in water testing and treatment in the coal oil and gas industries. We did the water testing for all the L Cap landfills in West Virginia testing for ground water pollution or contamination from the land fills . We are very familiar with environmental regulations in the industries as we need to be for the various permitting activities needed for construction and mining throughout West Virginia.

20. The foregoing is a statement of facts

Signature:   
Title: Owner

Date: May 05, 2009

Printed  
Name: GARY A. COVEY

**WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION  
LANDFILL CLOSURE CONSULTANT QUALIFICATION QUESTIONNAIRE**

PROJECT NAME Capon Springs Landfill Closure Design & QA/QC		DATE (DAY, MONTH, YEAR) April 30, 2009	FEIN 52-2365940
1. FIRM NAME Novel Geo-Environmental, PLLC	2. HOME OFFICE BUSINESS ADDRESS 171 Montour Run Road Moon Township, PA 15108	3. FORMER FIRM NAME NA	
4. HOME OFFICE TELEPHONE  (412) 722 - 1970	5. ESTABLISHED (YEAR) 2002	6. TYPE OWNERSHIP INDIVIDUAL, CORPORATION, PARTNERSHIP, JOINT-VENTURE LLC	6A. WV REGISTERED DBE (DISAVANTAGED BUSINESS ENTERPRISE)  YES
7. PRIMARY OFFICE: ADDRESS/ TELEPHONE/ PERSON IN CHARGE/ NO. (name particular type) PERSONNEL EACH OFFICE 171 Montour Run Road, Pittsburgh, PA 15108 / (412) 722-1970 / Office Manager: Amy Veltri / 12 personnel 806 B Street, St. Albans, WV 25177 / (304) 201-5180 / Office Manager John Nottingham / 11 personnel			
8. NAMES OF PRINCIPAL OFFICERS OR MEMBERS OF FIRM Amy L. Veltri, President John E. Nottingham, Vice President		8a. NAME, TITLE, & TELEPHONE NUMBER-OTHER PRINCIPALS	
9. NUMBER OF PERSONNEL BY DISPLINE ( <b>Bold Lettering Indicates Minimum Design Team Members</b> ) <b>Detailed information On Team To Be Included</b>			
<b>3</b> ADMINISTRATIVE	ECOLOGISTS	LANDSCAPE	STRUCTURAL
ARCHITECTS	ECONOMISTS	ARCHITECTS	ENGINEERS
<b>BIOLOGIST</b>	ELECTRICAL	MECHANICAL	<b>SURVEYORS</b>
<b>CADD OPERATORS</b>	ENGINEERS	ENGINEERS	
CHEMICAL ENGINEERS	<b>4</b> ENVIRONMENTALISTS	MINING	<b>3</b> OTHER
<b>CIVIL ENGINEERS</b>	ESTIMATORS	ENGINEERS	
<b>5</b> CONSTRUCTION	<b>3</b> GEOLOGIST	<b>2</b> ENVIRONMENTAL ENGINEERS	
INSPECTORS	HISTORIANS	PLANNERS:	<b>23</b> TOTAL
DESIGNERS	<b>HYDROLOGISTS</b>	URBAN/REGIONAL	PERSONNEL
DRAFTSMEN		SANITARY	
		ENGINEERS	
		<b>3</b> SOILS ENGINEERS	
		SPECIFICATION	
		WRITERS	
<b>TOTAL NUMBER OF WV REGISTERED PROFESSIONAL ENGINEERS IN PRIMARY OFFICE:</b> <u>1</u>			
<b>*RPEs other than Civil must provide supporting documentation that qualifies them to supervise and perform this type of work.</b>			
10. If submittal is by joint venture, list participating firms & outline specific areas of responsibility (including administrative, technical, & financial) for each firm. Each participating firm must complete a "Consultant Confidential Qualification Questionnaire".			
10a. HAS THIS JOINT-VENTURE WORKED TOGETHER BEFORE? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO			

11. OUTSIDE KEY CONSULTANTS/ SUB-CONSULTANTS ANTICIPATED TO BE USED.		
NAME AND ADDRESS: REIC Laboratories	SPECIALTY: Analytical Laboratory	WORKED WITH BEFORE <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
NAME AND ADDRESS:	SPECIALTY:	WORKED WITH BEFORE <input type="checkbox"/> YES <input type="checkbox"/> NO
NAME AND ADDRESS:	SPECIALTY:	WORKED WITH BEFORE <input type="checkbox"/> YES <input type="checkbox"/> NO
NAME AND ADDRESS:	SPECIALTY:	WORKED WITH BEFORE <input type="checkbox"/> YES <input type="checkbox"/> NO
NAME AND ADDRESS:	SPECIALTY:	WORKED WITH BEFORE <input type="checkbox"/> YES <input type="checkbox"/> NO
NAME AND ADDRESS:	SPECIALTY:	WORKED WITH BEFORE <input type="checkbox"/> YES <input type="checkbox"/> NO
NAME AND ADDRESS:	SPECIALTY:	WORKED WITH BEFORE <input type="checkbox"/> YES <input type="checkbox"/> NO
NAME AND ADDRESS:	SPECIALTY:	WORKED WITH BEFORE <input type="checkbox"/> YES <input type="checkbox"/> NO
NAME AND ADDRESS:	SPECIALTY:	WORKED WITH BEFORE <input type="checkbox"/> YES <input type="checkbox"/> NO
NAME AND ADDRESS:	SPECIALTY:	WORKED WITH BEFORE <input type="checkbox"/> YES <input type="checkbox"/> NO

12. \*\*\*Note: *Personnel refers to those who will be working directly on the project:*

A. Are your firm's personnel experienced in Solid Waste Landfill Closure Design?

**NO**

B. Are your firm's personnel experienced in Solid Waste landfill site characterization assessment and evaluation?

**YES Description and Number of Projects:**

NGE staff has performed landfill site characterizations and evaluations on four previous projects using various geophysical testing methods and subsurface sampling using standard auger drilling and geo-probe direct push sampling to assess soil and groundwater conditions and extent of waste as well as potential soil borrow areas. Performed appropriate surface mapping and surface geophysical logging to generate surface geology information to provide a basis for subsurface exploration and to delineate areas of previous waste disposal activities. Sites were mapped in sufficient detail to determine the areal distribution of all surficial and bedrock units exposed across the site. Geophysical techniques used for performing subsurface investigations include seismic, resistivity, ground penetrating radar and magnetic surveys.

C. Are your firm's personnel experienced in landfill closure construction inspection?

**NO**

D. Is your firm experienced in Aerial Photography and the Development of Contour Mapping?

**NO**

E. Are your firm's personnel experienced in evaluating ground water contamination, such as may be associated with landfills?

**YES Description and Number of Projects:**

NGE Staff has performed 5 investigations to evaluate the hydrogeology, groundwater and surface water quality, beneficial use, and potential migration of leachate associated with landfills. These evaluations were performed to evaluate the nature and extent of contamination from the landfill as part of the Remedial Investigation (RI) Work Plan. The RI Work Plan identified the following goals:

- Identify the hazardous substances that have been released to the environment;
- Determine the nature and extent of the contamination in affected groundwater media both on and off the site and identify "hot spots" of contamination;
- Determine if the low flow sampling technique for the low-yielding wells is representative and valid for use in the risk assessment;
- Improve the understanding of the conceptual model for the landfill.
- Determine the need for additional monitoring wells to characterize the nature and extent of contamination of groundwater beneath and surrounding the landfill.
- Determine if the low flow sampling technique for the low-yielding wells is representative and valid for use in the risk assessment;
- Improve the understanding of the conceptual model for the landfill.
- Determine the need for additional monitoring wells to characterize the nature and extent of contamination of groundwater beneath and surrounding the landfill.

F. Are your firm's personnel experienced in Landfill Closure cost estimating?

**YES Description and Number of Projects:**

NGE Staff has conducted cost estimating as part of closures conducted at three uncontrolled hazardous waste sites. Two sites were an existing solid waste landfill that had been found to contain hazardous materials/wastes. The remaining site required the design and construction of 2.5 acre landfill cell for the onsite disposal of contaminated soils.

13. PERSONAL HISTORY STATEMENT OF PRINCIPALS AND ASSOCIATES RESPONSIBLE FOR LANDFILL CLOSURE DESIGN (describe project) (Furnish Complete data but keep to essentials)			
NAME& TITLE (Last, first, Middle Int.)	YEARS OR EXPERIENCE		
Nottingham, John, E.	YEARS OF (type) EXPERIENCE:	YEARS OF (type) EXPERIENCE:	YEARS OF (name type) EXPERIENCE:
	21 years		
Brief Explanation of Responsibilities: Oversee and direct geotechnical aspects of project including: geotechnical drilling, determination of borrow source areas; borrow area volume calculations, determination of appropriate QA/QC testing and monitoring procedures.			
EDUCATION (DEGREE, YEAR, SPECIALIZATION) Bachelor of Science in Civil Engineering, 1987, WVU, Specialization – Civil and Geotechnical Engineering Masters of Science in Civil Engineering, 1995, WVU, Specialization – Geotechnical Engineering			
MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS:		REGISTRATION (Type, Year, State)	
American Society of Civil Engineering (ASCE) West Virginia Chapter of AIA		Professional Engineering, 1994, WV Professional Engineering, 2007, VA Professional Surveyor, 1996, WV	
13a. PERSONAL HISTORY STATEMENT OF PRINCIPALS AND ASSOCIATES RESPONSIBLE FOR LANDFILL CLOSURE DESIGN (name type of design or work) (Furnish complete data but keep to essentials)			
NAME & TITLE (Last, First, Middle Int.)	YEARS OF EXPERIENCE		
Nottingham, Larry C.	YEARS OF EXPERIENCE (name type):	YEARS OF EXPERIENCE (name type):	YEARS OF EXPERIENCE (name type):
	42 years		
Brief Explanation of Responsibilities: Provide technical expertise to assist with geotechnical aspects of the site characterization study to include geotechnical drilling, determination of borrow source areas, borrow area volume calculations, determination of appropriate QA/QC testing and monitoring procedures.			
EDUCATION (Degree, Year, Specialization) Bachelor of Science in Civil Engineering, 1965, Civil Engineering, West Virginia Institute of Technology Master of Science in Civil Engineering, 1966, Geotechnical Engineering, University of Pittsburgh Doctor of Philosophy, 1975, Geotechnical Engineering, University of Florida			
MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS		REGISTRATION (Type, Year, State)	
Member, American Society of Civil Engineers Member, National Society of Professional Engineers		Professional Engineer, 1969, WV Professional Engineer, 1985, KY Professional Engineer, 1985, OH Professional Engineer, 2006, PA	



13. PERSONAL HISTORY STATEMENT OF PRINCIPALS AND ASSOCIATES RESPONSIBLE FOR LANDFILL CLOSURE DESIGN (describe project) (Furnish Complete data but keep to essentials)			
NAME& TITLE (Last, first, Middle Int.)	YEARS OR EXPERIENCE		
	YEARS OF (type) EXPERIENCE:	YEARS OF (type) EXPERIENCE:	YEARS OF (name type) EXPERIENCE:
Stuthers, Gene, C.	22 years		
Brief Explanation of Responsibilities: Development and implementation of subsurface investigation activities to include soil and groundwater sampling and analysis and determination of areal extent and depths of waste			
EDUCATION (DEGREE, YEAR, SPECIALIZATION) B.S., Geology, Edinboro University of PA, 1986			
MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS: Air and Waste Management Association Society of American Military Engineers Southwestern Pennsylvania Engineering Outreach Washington County Manufacturers Association		REGISTRATION (Type, Year, State) Registered Professional Geologist in Pennsylvania. Registration No.: PG-000660-G, Registration Date: 09/30/94 Licensed Remediation Specialist in West Virginia 04/2004 OSHA 1910.120 40-hour HAZWOPER Training, 1988 OSHA Permit Required Confined Space Entry	
13a. PERSONAL HISTORY STATEMENT OF PRINCIPALS AND ASSOCIATES RESPONSIBLE FOR LANDFILL CLOSURE DESIGN (name type of design or work) (Furnish complete data but keep to essentials)			
NAME & TITLE (Last, First, Middle Int.)	YEARS OF EXPERIENCE		
	YEARS OF EXPERIENCE (name type):	YEARS OF EXPERIENCE (name type):	YEARS OF EXPERIENCE (name type):
Hunt, William, D	22 years		
Brief Explanation of Responsibilities: Development and oversight of subsurface investigation activities to include soil and groundwater sampling and analysis and determination of areal extent and depths of waste, as well as determination of groundwater and contaminant transport properties.			
EDUCATION (Degree, Year, Specialization) M.A., Geography, Ohio University, 1985 B.S., Environmental Studies, Morehead State University, 1981			
MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS Air and Waste Management Association Society of American Military Engineers West Virginia Manufacturers Association		REGISTRATION (Type, Year, State) Professional Geologist (PG), 1999, Indiana Licensed Remediation Specialist (LRS), 1998, West Virginia OSHA 40 Hour HAZWOPER, 1987 OSHA HAZWOPER Supervisor, 1988	

13b. PERSONAL HISTORY STATEMENT OF PRINCIPALS AND ASSOCIATES <b>RESPONSIBLE FOR LANDFILL CLOSURE QA/QC</b> (Furnish complete data but keep to essentials)			
NAME & TITLE (last, first, middle Int.)	YEARS OF EXPERIENCE		
	YEARS OF EXPERIENCE (name type):	YEARS OF EXPERIENCE (name type):	YEARS OR EXPERIENCE (name type):
Brown, Dencil, E.	10 years		
Brief Explanation of Responsibilities: Oversight of field drilling activities and QA/QC monitoring and testing.			
EDUCATION (Degree, Year, Specialization)  BS, Civil Engineering Technology, Bluefield State College, 2000 BS, Architectural Engineering Technology, Bluefield State College, 2000			
MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS Air and Waste Management Association Society of American Military Engineers		REGISTRATION (Type, Year, State) Registered Professional Engineer, 2008, West Virginia OSHA 1910.120 40-hour HAZWOPER Training, 2005	
13c. PERSONAL HISTORY STATEMENT OF PRINCIPALS AND ASSOCIATES <b>RESPONSIBLE FOR HEAVY EARTH WORK CONSTRUCTION PROJECTS</b> (Furnish complete data but keep to essentials)			
NAME & TITLE (last, first, middle Int.)	YEARS OF EXPERIENCE		
	YEARS OF EXPERIENCE (name type)	YEARS OF EXPERIENCE (name type)	YEARS OF EXPERIENCE (name type)
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 THIS PROJECT (name project)**

Software includes: Microsoft Office, AutoCAD, Terrain Navigator, PCSTABL – Slope Stability Analysis, LPILE Plus 4.0 – Pile Foundation Analysis, PYWALL 2.0 – Retaining Wall Analysis, ReSSA 2.0 – Reinforced Soil Slope Analysis, ReSlope 3.0 – Reinforced Soil Slope Design

Three rotary drill rigs, one mounted on a four wheel drive one-ton truck, and two track-mounted rigs. Drills are equipped with hollow stem augers, split-spoon soil sampling equipment, and rock coring tools.

Portable dynamic cone penetrometer.

Two equipment hauling trailers.


15. CURRENT ACTIVITIES ON WHICH YOUR FIRM IS THE DESIGNATED ENGINEER OF RECORD ASSOCIATED WITH OR RELATING TO LANDFILL CLOSURE OR CONSTRUCTION.				
PROJECT NAME, TYPE AND LOCATION	NAME AND ADDRESS OF OWNER	NATURE OF YOUR FIRM'S RESPONSIBILITY	ESTIMATED CONSTRUCTION COST	PERCENT COMPLETE
NA				
TOTAL NUMBER OF PROJECTS:			TOTAL ESTIMATED CONSTRUCTION COSTS:	
# _____			\$ _____	

**16. CURRENT ACTIVITIES ON WHICH YOUR FIRM IS SERVING AS A SUB-CONSULTANT TO OTHERS RELATING TO LANDFILL CLOSURE AND CONSTRUCTION.**

PROJECT NAME, TYPE, AND LOCATION	NATURE OF FIRMS RESPONSIBILITY	NAME AND ADDRESS OF OWNER	ESTIMATED COMPLETION DATE	ESTIMATED CONSTRUCTION COST:	
				ENTIRE PROJECT	YOUR FIRMS RESPONSIBILITY
NA					

17. COMPLETED WORK WITHIN LAST 5 YEARS ON WHICH YOUR FIRM WAS THE DESIGNATED ENGINEER OF RECORD (List 5 to 7)				
PROJECT NAME, TYPE AND LOCATION	NAME AND ADDRESS OF OWNER	ESTIMATED CONSTRUCTION COST	YEAR	CONSTRUCTED (YES OR NO)
Chesapeake Energy Office & Shop Complex, Geotechnical Investigation, Inez, KY	Chesapeake Energy Corporation, 6100 N. Western Avenue, Oklahoma City, OK 73154	Unknown, Fee = \$6600.00	2008	5 % Complete
Annual Geotechnical Drilling Contract, Northern West Virginia	West Virginia Department of Environmental Protection	Currently 15 drilling/geotechnical projects have been completed at an aggregate cost of \$139,000	2007 through present	30 % Complete
West Virginia Terminals Groundwater Assessment and Remediation Kenova, WV	Ingram Barge Company Nashville, TN	\$185,000	2002 to present	75 % Complete

18. COMPLETED WORK WITHIN LAST 5 YEARS IN WHICH YOUR FIRM HAS BEEN A SUBCONSULTANT TO OTHER FIRMS (INDICATE PHASE OF WORK WHICH YOUR FIRM WAS RESPONSIBLE) LIST 5 TO 7.					
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
Toyota Meeting Room, Geotechnical Investigation, Buffalo, WV	Toyota Corp. Buffalo, WV	\$4,000	2008	Yes	Toyota Corporation
Corridor H Highway Construction, Quality Control Testing, Grant Co., WV	West Virginia Division of Highways Charleston, WV	\$75,000	2008/		West Virginia Division of Highways
Greenbrier County 911 Tower Phase I ESA and NEPA FCC Screening Quinwood, WV	Greenbrier County Commission Lewisburg, WV	\$3,450	2008	No	RPM Engineers, Charleston, WV
Maier Property Phase II ESA Charleston, WV	Maier Foundation Charleston, WV	\$13,500	2008	Yes	Randolph Engineering Charleston, WV
Rochester Property Rochester, PA Soil and Groundwater Assessment	Castlebrook Development Group Pittsburgh, PA	\$35,000	2007	Yes	Castlebrook Development Group Pittsburgh, PA
Pennsylvania Avenue Tunnel Extension Geotechnical Investigation Kanawha, Co	West Virginia Division of Highways Charleston, WV	\$15,000	2008		West Virginia Division of Highways Charleston, WV
Hal Greer I-64 Bridge CSL Huntington, WV	West Virginia Division of Highways	\$17,000	2008		West Virginia Division of Highways Charleston, WV

19. Use this space to provide any additional information or description of resources supporting your firm's qualifications to perform work for the WV Department of Environmental Protection.

Novel Geo-Environmental, LLC (NGE), is an 8(a) Certified, full-service environmental and geotechnical consulting firm, that continues to expand their services. Led by a management team that averages over 15 years of experience, NGE provides quality geotechnical and environmental services to its clients. Our management staff includes professional engineers, geologists, consultants, construction managers, and foremen with experience in a broad range of technical disciplines. With offices located in Pennsylvania and West Virginia, NGE performs the majority of our work with our in-house, OSHA 40-hour trained professional staff, construction equipment operators, and field technicians. Our major service areas are summarized as follows:

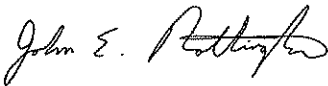
**Environmental Services**

- NGE has conducted numerous site assessments, both Phase I and II, under various protocols and state requirements. Typically Phase I ESA's involve industrial acquisition projects. Phase II ESA's have been performed on a variety of sites including redevelopment projects.
- NGE personnel have the technical knowledge and experience to make remedial design plans a reality. Numerous types of remedial systems such as soil and groundwater treatment, pump and treat, solvent/oil recovery, and sediment stabilization have been successfully implemented. Numerous clients have chosen NGE to provide ongoing operational and maintenance services for long term remediation projects. Through commitment of qualified staff, particularly two licensed remediation specialists, NGE has demonstrated the ability to successfully manage various types of systems and the associated reporting requirements.
- NGE has been hired by several industrial clients to manage environmental concerns while they are either opening new facilities, or expanding facilities currently in operation. Through these arrangements, NGE has worked on site development, been responsible for permitting, contractor oversight related to environmental matters, and conducted negotiations with regulatory agencies on the facility's behalf.

**Geotechnical Services**

- NGE has the experienced staff and necessary resources to provide services to our clients throughout project development, design, and construction phases. These services include, site preparation recommendations, dam analysis and design, mine subsidence investigations, landslide analysis, pavement design, earthwork analysis and design, and geotechnical design for highway and airport projects.
- NGE has the resources and equipment to handle most any geotechnical drilling job, including highly portable hand operated equipment to track-mounted rotary drilling rigs.
- Our staff has extensive experience with foundation investigations for both government and private industry. NGE has successfully demonstrated that experience on DOH bridge projects, retaining walls, and cell tower sites, through the collection of subsurface data and formulation of engineering analyses.
- NGE is equipped with the latest instrumentation to provide cross-hole sonic logging (CSL) testing of drilled concrete shafts. CSL is a non-destructive means for testing the integrity of drilled shafts used in bridge abutments and piers.
- NGE offers inspections services to support a wide variety of construction projects, including highways, buildings and airports. Our technicians are qualified and certified in a variety of disciplines including concrete testing, soil compaction testing and asphalt inspection.

20. The foregoing is a statement of facts

Signature:   
Title: Vice President

Date: April 30, 2009

Printed  
Name: John E. Nottingham