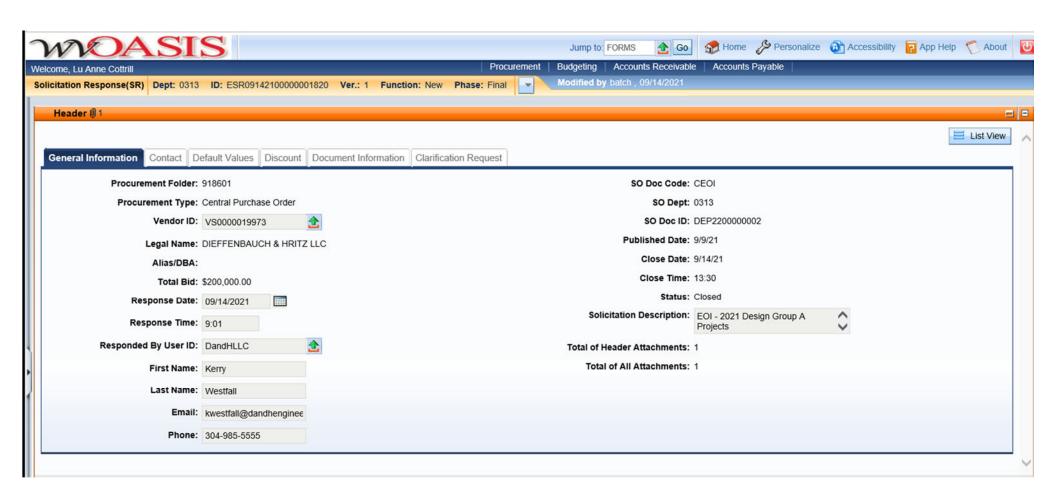
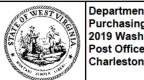


2019 Washington Street, East Charleston, WV 25305 Telephone: 304-558-2306 General Fax: 304-558-6026

Bid Fax: 304-558-3970

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





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

State of West Virginia Solicitation Response

Proc Folder: 918601

Solicitation Description: EOI - 2021 Design Group A Projects

Proc Type: Central Purchase Order

 Solicitation Closes
 Solicitation Response
 Version

 2021-09-14 13:30
 SR 0313 ESR09142100000001820
 1

VENDOR

VS0000019973

DIEFFENBAUCH & HRITZ LLC

Solicitation Number: CEOI 0313 DEP2200000002

Total Bid: 200000 Response Date: 2021-09-14 Response Time: 09:01:10

Comments:

FOR INFORMATION CONTACT THE BUYER

Joseph E Hager III (304) 558-2306 joseph.e.hageriii@wv.gov

Vendor Signature X

FEIN#

DATE

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

Date Printed: Sep 14, 2021 Page: 1 FORM ID: WV-PRC-SR-001 2020/05

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
1	EOI Engineering Design Services - Clarksburg (Hill) Landslide				50000.00

Comm Code	Manufacturer	Specification	Model #	
81100000				

Commodity Line Comments:

Extended Description:

*Dates of Service are estimated for bidding purposes only.

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
2	EOI Engineering Design Services - Fairfield				50000.00
	Highwall				

Comm Code	Manufacturer	Specification	Model #	
81100000				

Commodity Line Comments:

Extended Description:

*Dates of Service are estimated for bidding purposes only.

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
3	EOI Engineering Design Services-Green				50000.00
	Valley Rd Laughlin LS				

Comm Code	Manufacturer	Specification	Model #	
81100000				

Commodity Line Comments:

Extended Description:

*Dates of Service are estimated for bidding purposes only.

Date Printed: Sep 14, 2021 Page: 2 FORM ID: WV-PRC-SR-001 2020/05

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
4	EOI Engineering Design Svcs-Skidmore Site (Canyon Mine) Mntc				50000.00

Comm Code	Manufacturer	Specification	Model #	
81100000				

Commodity Line Comments:

Extended Description:

*Dates of Service are estimated for bidding purposes only.

Date Printed: Sep 14, 2021 Page: 3 FORM ID: WV-PRC-SR-001 2020/05

QUALIFICATIONS

for the

EOI – 2021 DESIGN GROUP A PROJECTS (CEOI 0313 DEP2200000002)

Clarksburg (Hill) Landslide project Fairfield Highway project Green Valley Road (Laughlin) Landslide project Skidmore Site (Canyon Mine) Maintenance Project

Prepared for:

DEPARTMENT OF ADMINSTRATION, PURCHASING DIVISION 2019 Washington Street East Charleston, WV 25305-0130



1095 Chaplin Road, Suite 200 Morgantown, West Virginia 26501

September 13, 2021

ADDENDUM ACKNOWLEDGEMENT FORM SOLICITATION NO.: CEOI DEP22*02

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.

necessary	rev	isions to my proposal, plans a	nd/o	r sp	ecification, etc.
Addondu	m N	Numbers Received:			
		ox next to each addendum rece	eive	d)	
[]	Addendum No. 1	[]	Addendum No. 6
]]	Addendum No. 2	[]	Addendum No. 7
]]	Addendum No. 3	[]	Addendum No. 8
]]	Addendum No. 4	[]	Addendum No. 9
]]	Addendum No. 5	[]	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.					
			_I	Dief	fenbauch & Hritz, LLC
					Company
					Authorized Signature
				09/	/13/2021
					Date

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



DIEFFENBAUCH & HRITZ, LLC 1095 Chaplin Road Suite 200 Morgantown, WV 26501 Office: 304-985-5555

Office: 304-985-5555 Fax: 304-985-5557

September 13, 2021

Mr. Joseph E. Hager, III Department of Administration, Purchasing Division 2019 Washington Street East Charleston, WV 25305-0130

RE: EOI – 2021 Design Group A Projects CEOI 0313 DEP2200000002

Dear Mr. Hager:

Dieffenbauch & Hritz is pleased to submit our qualification to perform design services in reference to the EOI – 2021 Design Group A projects. As outlined in our proposal, D&H and its personnel have completed work on several similar projects.

The project will be managed out of our Morgantown, West Virginia office. D&H has several design teams which is more than capable of handling these projects (teams consisting of CAD Professionals, Engineers, West Virginia registered engineers and West Virginia registered surveyors) in our office. D&H has several CAD Professionals and Engineers to help support the project in other offices if needed.

Our experienced team is led by Mr. Herbert L. Parsons, III, PE, PS. Mr. Parsons has more than 20 years of related engineering experience and has managed or supported numerous projects for the WVDEP. Mr. Parsons is a registered Professional Engineer and a registered Professional Surveyor in the State of West Virginia. He will be joined by Mr. Michael D. Hritz, PE also a registered Professional Engineer in the State of West Virginia. Mr. Hritz will serve as a project quality assurance and quality control manager and has managed and supported numerous projects for the WVDEP.

We greatly appreciate this opportunity to provide this proposal and look forward to answering any questions you may have. If you should require any additional information, please contact Mr. Parsons at (304) 985-5555.

Sincerely,

Herbert L. Parsons, III, PE, PS

Project Manager



W	EST VIRG	INIA DEPARTMEN	T OF ENVIRONMENTAL E	PROTECTIO	N
	AML	CONSULTANT QUA	ALIFICATION QUESTION	NAIRE	Attachment "A"
PROJECT NAME		DATE (DAY, MONTE	H, YEAR)	FEIN	
EOI - 2021 Design Group A Projects		09/13/2021		65-1257247	
1. FIRM NAME		2. HOME OFFICE H	BUSINESS ADDRESS	3. FORMER	FIRM NAME
Dieffenbauch & Hritz, LLC		1095 Chaplin Rd., Sto	e. 200, Morgantown, WV 26501	N/A	
4. HOME OFFICE TELEPHONE	5. ESTABL	ISHED (YEAR)	6. TYPE OWNERSHIP		6a. WV REGISTERED DBE
304-985-5555	2005		Individual Corpora Partnership Joint-V		(Disadvantaged Business Enterprise) YES NO
7. PRIMARY AML DESIGN OFFICE:	ADDRESS/	TELEPHONE/ PERSON	I I IN CHARGE/ NO. AML DES	IGN PERSON	
1095 Chaplin Rd. Ste 200 Morgantown	, WV 26501 /	304-985-5555 / Herbe	ert L. Parsons, III PE, PS / 38		
8. NAMES OF PRINCIPAL OFFICER. Michael. D. Hritz, PE - President John C. Dieffenbauch, PE - Vice President		RS OF FIRM	8a. NAME, TITLE, & TELE Herbert L. Parsons, III, PE, PS Roman C. Lawson, PE - Engine	- Operations l	Manager
9. PERSONNEL BY DISCIPLINE			roman C. Lawson, 12 - Englis	cring service	5 Manager
3 ADMINISTRATIVE ARCHITECTS 5 BIOLOGIST 8 CADD OPERATORS CHEMICAL ENGINEERS 7 CIVIL ENGINEERS	ENVIROESTIMAGEOLO	ISTS ICAL ENGINEERS NMENTALISTS TORS GISTS	1 LANDSCAPE ARCHIT	EERS R S S REGIONAL	- STRUCTURAL ENGINEERS 8 SURVEYORS TRAFFIC ENGINEERS OTHER
10 CONSTRUCTION INSPECTORS 6 DESIGNERS - DRAFTSMEN	— HISTOR — HYDROL		SOILS ENGINEERSSPECIFICATIONWRITERS		52 — TOTAL PERSONNELL
TOTAL NUMBER OF WV REGISTERED PROFESSIONAL ENGINEERS IN PRIMARY OFFICE: $\underline{5}$ *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 WO	RKED TOGET	HER BEFORE? [] YES		

11. OUTSIDE KEY CONSULTANTS/SUB-CONSULTA	NTS ANTICIPATED TO BE USED. Attach "AML C	Consultant Qualification Questionnaire".
NAME AND ADDRESS:	SPECIALTY:	WORKED WITH BEFORE
Novel Geo-Environmental, LLC (NGE)		V Voc
650 MacCorkle Ave.	Geotechnical Engineering	XYes
St. Albans, WV 25108		No
NAME AND ADDRESS:	SPECIALTY:	WORKED WITH BEFORE
		Yes
		165
		No
NAME AND ADDRESS:	SPECIALTY:	WORKED WITH BEFORE
		Yes
		163
		No
NAME AND ADDRESS:	SPECIALTY:	WORKED WITH BEFORE
		Yes
	CONTROLLE TO	No
NAME AND ADDRESS:	SPECIALTY:	WORKED WITH BEFORE
		Yes
NAME AND ADDRESS:	SPECIALTY:	No WORKED WITH BEFORE
NAME AND ADDRESS:	SPECIALIY:	WORKED WITH BEFORE
		Yes
NAME AND ADDRESS:	SPECIALTY:	No WORKED WITH BEFORE
NAME AND ADDRESS.	SPECIALI I.	WORKED WITH BEFORE
		Yes
		XI.
NAME AND ADDRESS:	SPECIALTY:	No WORKED WITH BEFORE
NAME AND ADDICESS.	SIECIALI I.	WORKED WITH BEFORE
		Yes
		No
NAME AND ADDRESS:	SPECIALTY:	WORKED WITH BEFORE
		Word Edward Street
		Yes
		No

12.	Α.	Is your firm's personnel experienced in Abandoned Mine Lands Remediation/Mine Reclamation Engineering?
		YES Description and Number of Projects: No active or recent projects, however several key personnel on this proposal
		have AML experience and knowleged.
		NO
	В.	Is your firm experienced in Soil Analysis?
		YES Description and Number of Projects: Over 100 projects conducting soils analysis in support of water quality and
		design.
		NO
	С.	Is your firm experienced in hydrology and hydraulics?
		Over 100 projects storm water analysis, sediment pand and impoundment facilities
		YES Description and Number of Projects: Over 100 projects storm water analysis, sediment point and impoundment racinges
		and selenium treatment facilities.
		NO
	D.	Does your firm produce its own Aerial Photography and Develop Contour Mapping?
		YES Description and Number of Projects: Over 200 projects that utilize aerial photography and contour mapping.
		NO
	Ε.	Is your firm experienced in domestic waterline design? (Include any experience your firm has in
		evaluation of aquifer degradation as a result of mining.)
		YES Description and Number of Projects: Ten projects in recent years associated with domestic waterline design.
		NO
	F.	Is your firm experienced in Acid Mine Drainage Evaluation and Abatement Design?
		No active or recent projects hereeven covered from personnel on this proposal
		YES Description and Number of Projects: No active or recent projects however several key personnel on this proposal
		have AMD experience and knowledge.
		NO

 PERSONAL HISTORY STATEMENT OF PR data but keep to essentials) 	INCIPALS AND ASSOCIATES RESPO	NSIBLE FOR AML PROJECT DESIGN	(Furnish complete
NAME & TITLE (Last, First, Middle Int.)		YEARS OF EXPERIENCE	
Hritz, Michael D. President	YEARS OF AML DESIGN EXPERIENCE: 0	YEARS OF AML RELATED DESIGN EXPERIENCE: 20+	YEARS OF DOMESTIC WATERLINE DESIGN EXPERIENCE: 20+
Brief Explanation of Responsibilitie	3		
Mr. Hritz is responsible for overseeing and	assuring the quality of all deliverable	es. As an assigned professional charg	ge for the engineering and
survey departments, Mr. Hritz provides inde	ependent reviews of each deliverable	. This process assures unbiased resul	lts and quality deliverables.
Mr. Hritz has gained valuable experience the	oughout his career with projects in t	the transportation, environmental co	mpliance, mining, water
resources and commerical site development	fields in North Carolina, Ohio, Penn	sylvania, Virginia, and West Virginia	a.
EDUCATION (Degree, Year, Specializat	ion)		
BS, 1991, Civil Engineering			
MEMBERSHIP IN PROFESSIONAL ORGANIZAT	IONS	REGISTRATION (Type, Year, Sta	ate)
Gas and Oil Association of WV (GOWV) Pennsylvania Independent Oil and Gas Associat	ion (PIOGA)	Professional Engineer: 1997 PA / 199	99 WV / 2013 NC / 2015 OH
13. PERSONAL HISTORY STATEMENT OF PR data but keep to essentials)	INCIPALS AND ASSOCIATES RESPO	NSIBLE FOR AML PROJECT DESIGN	(Furnish complete
NAME & TITLE (Last, First, Middle Int.)		YEARS OF EXPERIENCE	
Parsons, Herbert L. Operations Manager	YEARS OF AML DESIGN EXPERIENCE: 5	YEARS OF AML RELATED DESIGN EXPERIENCE: 20+	YEARS OF DOMESTIC WATERLINE DESIGN EXPERIENCE: 20+
Brief Explanation of Responsibilitie	3		
Mr. Parsons will serve as the project manage	er and professional charge. With ove	er 20 years of project management ex	perience in civil engineering
survey, Mr. Parsons has developed a broad	experience in the public and private	sectors and has lead teams on compl	ex projects that has required
coordination of disciplines, technical studies	s, environmental permitting, multipl	es agencies and stakeholders. Mr. Pa	rsons technical competency
include: water resources, storm sewer system	n, storm water mangement, utility se	rvices, road design and survey expert	tise.
EDUCATION (Degree, Year, Specializat	ion)		
BS, 1994, Civil Engineering			
MEMBERSHIP IN PROFESSIONAL ORGANIZAT	IONS	REGISTRATION (Type, Year, Sta	
WV Society of Professional Surveyors West Virginia Gas and Oil Association (GOWV)	Professional Engineer: 1999, VA / 200 Professional Surveyor: 2007 VA / 2013	

13. PERSONAL HISTORY STATEMENT OF PR data but keep to essentials)	INCIPALS AND ASSOCIATES RESPO	NSIBLE FOR AML PROJECT DESIGN	(Furnish complete
NAME & TITLE (Last, First, Middle Int.)		YEARS OF EXPERIENCE	
Lawson, Roman C. Senior Engineering Manager	YEARS OF AML DESIGN EXPERIENCE:	YEARS OF AML RELATED DESIGN EXPERIENCE: 19	YEARS OF DOMESTIC WATERLINE DESIGN EXPERIENCE: 5+
Brief Explanation of Responsibilitie	S		
Mr. Lawson has over 18 years of experience	in civil and environmental engineeri	ng. He has managed surface mining	operations and construction
services as well as performed structural desi	ign of highway bridges for the WV D	ivision of Highways. Mr. Lawson ha	s accumulated a broad range
of experience with projects in the mining, to	ransportation, environmental compl	ance, water resources, construction	managerment and commerical
site development fields in North Carolina,	Ohio, Pennsylvania, Viriginia and W	est Virginia.	
EDUCATION (Degree, Year, Specializat BS, 2007 Civil Engineering Technology MS, 2011, Civil Engineering	ion)		
MEMBERSHIP IN PROFESSIONAL ORGANIZAT	IONS	REGISTRATION (Type, Year, Sta	ate)
		Professional Engineer: 2007, VA / 200	9, WV / 2010, NC
13. PERSONAL HISTORY STATEMENT OF PR data but keep to essentials)	INCIPALS AND ASSOCIATES RESPO	NSIBLE FOR AML PROJECT DESIGN	(Furnish complete
NAME & TITLE (Last, First, Middle Int.)		YEARS OF EXPERIENCE	
Stewart, Eric, N	YEARS OF AML DESIGN EXPERIENCE:	YEARS OF AML RELATED DESIGN EXPERIENCE:	YEARS OF DOMESTIC WATERLINE DESIGN
Senior Engineering Manager	0	17	EXPERIENCE: 5+
Brief Explanation of Responsibilitie	S		
Mr. Stewart has 18 years' experience in civil	and environmental engineering field	d with 15 years of project manageme	nt experience. Mr. Stewart
is assigned professional charge and is respon	sible for all aspects of engineering an	d design for the engineering departn	nent. He coordinates
procedures as well as works closely with clien	nts and regulatroy agencies to ensure	the Company is at the forefront of d	esign and regulatory
adherence. Mr. Stewart has experience with	-	etnal compliance, mining, water reso	ources in OH, PA and WV.
EDUCATION (Degree, Year, Specializat	ion)		
BS, 2003, Civil Engineering			
MEMBERSHIP IN PROFESSIONAL ORGANIZAT	IONS	REGISTRATION (Type, Year, Sta	ate)
West Virginia Gas and Oil Associate (GOWV) Pennsylvania Independent Oil and Gas Associat		Professional Engineer 2007, VA / 200	09 WV / 2010 NC

13. PERSONAL HISTORY STATEMENT OF PR data but keep to essentials)	INCIPALS AND ASSOCIATES RESPO	NSIBLE FOR AML PROJECT DESIGN	(Furnish complete
NAME & TITLE (Last, First, Middle Int.)		YEARS OF EXPERIENCE	
Attardi, Vincent J. Environmental Services Manager	YEARS OF AML DESIGN EXPERIENCE:	YEARS OF AML RELATED DESIGN EXPERIENCE: 40	YEARS OF DOMESTIC WATERLINE DESIGN EXPERIENCE: 0
Brief Explanation of Responsibilitie			
Mr. Attardi has over 40 years' experience con	nducting environmental and ecologi	cal investigations. As the environmen	ntal services manager , Mr.
Attardi has overseen more than 150 environ	mental investigations. Mr. Attardi is	a leading expert in project permittin	g under Sections 404 and 401
of the Clean Water Act (CWA). He is profic	ent in wetland and stream services,	endangered species habitat assessmen	nts, botancial surveys, soil
assessments, aerial phot interpretation, NEF		ouce investigations.	
EDUCATION (Degree, Year, Specializat BS, 1981, Marine Science / Biology MS, 1992, Biology	ion)		
MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS Society of Wetland Scientist Pennsylvania Association of Sewarge Enforcement Officers REGISTRATION (Type, Year, State) Sewage Enforcement Officer, 2015, Pennsylvania			
13. PERSONAL HISTORY STATEMENT OF PR data but keep to essentials)	INCIPALS AND ASSOCIATES RESPO	NSIBLE FOR AML PROJECT DESIGN	(Furnish complete
NAME & TITLE (Last, First, Middle Int.)		YEARS OF EXPERIENCE	
Smith, Robyn E	YEARS OF AML DESIGN EXPERIENCE:	YEARS OF AML RELATED DESIGN EXPERIENCE:	YEARS OF DOMESTIC WATERLINE DESIGN
Construction Services Manager	0	36	EXPERIENCE: 5
Brief Explanation of Responsibilitie	3		
Mr. Smith has over 35 years' experience in t	he civil, mining and construction ma	anagement fields. As the constructio	n services manager, Mr. Smith
is responsible for the managment of constru	uction services including constructio	n compliance and inspection, constr	ruction management,
construction sequencing and optimization,	contractor managment, project man	agement and project completion of the	he construction phase for
water resources, environmental, mining, tran	nsportation , geotechnical and comm	erical site development projects.	
EDUCATION (Degree, Year, Specializat	ion)		
BS, 1984, Mining Engineering			
MEMBERSHIP IN PROFESSIONAL ORGANIZAT	IONS	REGISTRATION (Type, Year, Sta	ate)

13. PERSONAL HISTORY STATEMENT OF PROdata but keep to essentials)	INCIPALS AND ASSOCIATES RESPO	NSIBLE FOR AML PROJECT DESIGN	(Furnish complete
NAME & TITLE (Last, First, Middle Int.)		YEARS OF EXPERIENCE	
	YEARS OF AML DESIGN EXPERIENCE:	YEARS OF AML RELATED DESIGN	YEARS OF DOMESTIC
Martin, Jordan		EXPERIENCE:	WATERLINE DESIGN
Project Engineer	0	9	EXPERIENCE: 3
Brief Explanation of Responsibilities	3		
With nearly ten years experience, Mr. Martin	ı has gained valuable experience in c	ivil, environmental, and transportation	on engineering. Mr. Martin
is one of the lead project design engineers. I	He has accumulated a broad range of	f experience in regulatory, planning,	site construction and
design. Throughout his career, he has gain	ed valuable experience in transporta	tion, environmental compliance, wat	ter resources, geotechnical,
and commerical site development fields in C	OH, PA and WV.		
EDUCATION (Degree, Year, Specializat:			
A.S., 2010, Computerized Drafting and Desig	gn		
B.S., 2012, Civil Engineering Technology			
MEMBERSHIP IN PROFESSIONAL ORGANIZAT:	IONS	REGISTRATION (Type, Year, Sta	ate)
	l	Professional Engineer, 2020, WV	
13. PERSONAL HISTORY STATEMENT OF PR. data but keep to essentials)	INCIPALS AND ASSOCIATES RESPO	NSIBLE FOR AML PROJECT DESIGN	(Furnish complete
NAME & TITLE (Last, First, Middle Int.)		YEARS OF EXPERIENCE	
Isabell, Mark W.	YEARS OF AML DESIGN EXPERIENCE:	YEARS OF AML RELATED DESIGN EXPERIENCE:	YEARS OF DOMESTIC WATERLINE DESIGN
Project Manager	0	15+	EXPERIENCE:
		151	0
Brief Explanation of Responsibilities			CD : INDDEG :::
Mr. Isabell has accumulated more than 15 year	ars expereince in mine permitting an	id design. He has specialized in SMC	CRA and NPDES permitting,
surface mining operations, surface and und	erground mine reclamation and dire	ection and oversight of environmenta	al audits. Mr. Isabell serves as a
project manager for several coal mining clie	nts and manages permitting and env	vironmental compliance.	
EDUCATION (Degree, Year, Specializat:	ion)		
A.S. 2007, Civil Engineering Technology BS, 2008, Civil Engineering			
MEMBERSHIP IN PROFESSIONAL ORGANIZAT:	IONS	REGISTRATION (Type, Year, Sta	ate)

data but keep to essentials)		NSIBLE FOR AML PROJECT DESIGN	(Fullish Complete
NAME & TITLE (Last, First, Middle Int.)		YEARS OF EXPERIENCE	
Gray, Michael E UAS Pilot	YEARS OF AML DESIGN EXPERIENCE:	YEARS OF AML RELATED DESIGN EXPERIENCE:	YEARS OF DOMESTIC WATERLINE DESIGN EXPERIENCE: 1
D . C D		231	1
Brief Explanation of Responsibilitie Mr. Gray serves as the remote pilot in comm		System) team. While utilizing the UA	S imagery , he is able to
produce pre-construction, construction phase			
calculations.			
EDUCATION (Degree, Year, Specializat	ion)		
BS, 2013, Civil Engineering Technology			
MEMBERSHIP IN PROFESSIONAL ORGANIZAT	IONS	REGISTRATION (Type, Year, Sta	ate)
		UAS Remote Pilot, 2016, USA	
		UAS Commerical Operator, 2018, No	C
13. PERSONAL HISTORY STATEMENT OF PR data but keep to essentials)	INCIPALS AND ASSOCIATES RESPO	NSIBLE FOR AML PROJECT DESIGN	(Furnish complete
1 ,			
*		YEARS OF EXPERIENCE	
NAME & TITLE (Last, First, Middle Int.) Fry, Jeffrey D.	YEARS OF AML DESIGN EXPERIENCE:	YEARS OF AML RELATED DESIGN	YEARS OF DOMESTIC
NAME & TITLE (Last, First, Middle Int.)	YEARS OF AML DESIGN EXPERIENCE:		YEARS OF DOMESTIC WATERLINE DESIGN EXPERIENCE: 5
NAME & TITLE (Last, First, Middle Int.) Fry, Jeffrey D.	10+	YEARS OF AML RELATED DESIGN EXPERIENCE:	WATERLINE DESIGN
NAME & TITLE (Last, First, Middle Int.) Fry, Jeffrey D. Survey Project Manger	10+ s	YEARS OF AML RELATED DESIGN EXPERIENCE: 30+	WATERLINE DESIGN EXPERIENCE: 5
NAME & TITLE (Last, First, Middle Int.) Fry, Jeffrey D. Survey Project Manger Brief Explanation of Responsibilitie	te and has overseen over 200 survey	YEARS OF AML RELATED DESIGN EXPERIENCE: 30+ projects in PA, OH, WV, KY, VA. M	waterline design experience: 5 fr. Fry
NAME & TITLE (Last, First, Middle Int.) Fry, Jeffrey D. Survey Project Manger Brief Explanation of Responsibilitie Mr. Fry has over 30 years of survey experience	te and has overseen over 200 survey directing work of all survey projects a	YEARS OF AML RELATED DESIGN EXPERIENCE: 30+ projects in PA, OH, WV, KY, VA. Mas well as managing project schedules	waterline design EXPERIENCE: 5 Ir. Fry S. Throughout his career,
NAME & TITLE (Last, First, Middle Int.) Fry, Jeffrey D. Survey Project Manger Brief Explanation of Responsibilitie Mr. Fry has over 30 years of survey experience is responsible for planning, conducting and on the has gain valuable survey experience with	te and has overseen over 200 survey directing work of all survey projects as in the transportation, environmental	YEARS OF AML RELATED DESIGN EXPERIENCE: 30+ projects in PA, OH, WV, KY, VA. Mas well as managing project schedules	waterline design EXPERIENCE: 5 Ir. Fry S. Throughout his career,
NAME & TITLE (Last, First, Middle Int.) Fry, Jeffrey D. Survey Project Manger Brief Explanation of Responsibilitie Mr. Fry has over 30 years of survey experience is responsible for planning, conducting and conduc	te and has overseen over 200 survey directing work of all survey projects as in the transportation, environmental	YEARS OF AML RELATED DESIGN EXPERIENCE: 30+ projects in PA, OH, WV, KY, VA. Mas well as managing project schedules	waterline design EXPERIENCE: 5 Ir. Fry S. Throughout his career,
NAME & TITLE (Last, First, Middle Int.) Fry, Jeffrey D. Survey Project Manger Brief Explanation of Responsibilitie Mr. Fry has over 30 years of survey experience is responsible for planning, conducting and of he has gain valuable survey experience with EDUCATION (Degree, Year, Specializat	te and has overseen over 200 survey directing work of all survey projects a in the transportation, environmentation)	YEARS OF AML RELATED DESIGN EXPERIENCE: 30+ projects in PA, OH, WV, KY, VA. Mas well as managing project schedules l, mining, oil and gas and land develo	waterline design experience: 5 fr. Fry s. Throughout his career, opment projects.
NAME & TITLE (Last, First, Middle Int.) Fry, Jeffrey D. Survey Project Manger Brief Explanation of Responsibilitie Mr. Fry has over 30 years of survey experience is responsible for planning, conducting and on the has gain valuable survey experience with	te and has overseen over 200 survey directing work of all survey projects a in the transportation, environmentation)	YEARS OF AML RELATED DESIGN EXPERIENCE: 30+ projects in PA, OH, WV, KY, VA. Mas well as managing project schedules	waterline design experience: 5 fr. Fry s. Throughout his career, epment projects.

14. PROVIDE A LIST OF SOFTWARE AND EQUIPMENT AVAILABLE IN THE PRIMARY OFFICE WHICH WILL BE USED TO COMPLETE AML DESIGN SERVICES
Autodesk AEC Software (AutoCAD Map 2021, Civil 3D 2021)
Carlson Software
Microstation V8i Select Series 4
InRoads Select Series 2
HydroCAD
HY8
ESRIArcmap 10.5
Trimble Business Center
Trimble Path Finder Office
Adobe Acrobat Standard
Microsoft Office
Pix4D
UGCS
Trimble R-6, R-8 and R-10 GPS's
Trimble S5 and S6 Robotic Total Station
Nicon Total Stations
Topcon Total Stations

14. PROVIDE A LIST OF SOFTWARE AND EQUIPMENT AVAILABLE IN THE PRIMARY OFFICE WHICH WILL BE USED TO COMPLETE AML DESIGN SERVICES
Leica Total Station
Sensefly eBee Plus Fixed Wing UAV
DЛ Inspire 2 Multirotor UAV
Parrot Anafi Multirotor UAV
Timble Geoexplorer GPS
Water Dept Gauge
Flow Meter
Water Quality Meters
Infiltrometer
Troxler 4590e gauge
AMD Treat 5.0 Plus
REam Slop Stability

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		
RHL89 Well Pad Natural Gas Well Site Greene County, PA	CNX Gas Company, LLC 1000 Consol Energy Drive Canonsburg, PA 15317	Engineering Design, Permitting, Environmental & Surveying	\$700,000	90%		
EQT WV Waterline System Waterline Project Marion & Wetzel County, WV	EQT Production 400 Woodclif Drive Canonsburg, PA 15317	Engineering Design, Permitting and Survey	\$16 Million	75% Design		
SGG and AGS Slip Repair Slip Repair Permitting Various Counties, WV	DT Midstream One Energy Plaza Detroit, MI 24226	Storm water permitting and environmental field investigations	Unknown			
Falcon Land AML Project Nicholas County, WV	AJ Burk PO Box 118 Horner, WV 26372	Survey	Unknown	60%		
Mashey Gap Quarry Stone Quarry Randolph County, WV	J.F. Allen Company PO Box 2049 Buchannon, WV 26201	Survey & UAV Mapping	Unkown	Unknown		
Purdy Run Aggregates Stone Quarry Harrison County, WV	KCS Contracting, LLC PO Box 741 Kermit, WV 25674	Survey & UAV Mapping	Unknown	Unknown		
NV13 Well Pad Slip Repair Greene County, PA CNX Gas Company, LLC 1000 Consol Energy Drive Canonsburg, PA 15317 Engineering Design, Permitting, Environmental and Survey \$700,000 90%				90%		
	TOTAL NUMBER OF PROJECTS: Dieffenbauch & Hritz is currently working on several projects in muliple states- For the purpose of the EOI only a sample of recent projects are listed.					

PROJECT NAME, TYPE AND LOCATION	NATURE OF FIRMS RESPONSIBILITY	NAME AND ADDRESS OF OWNER	ESTIMATED COMPLETION DATE	ESTIMATED CON	STRUCTION COST
				ENTIRE PROJECT	YOUR FIRMS RESPONSIBILITY
CFX Pie Study, WV16 to Mullens# 1 / Transportation McDowell & Wyoming Counties, WV	Design Engineering and Set Control, Property Survey, Boring Stakeout and Mapping Services	TRC Engineering 1 Kenton Drive, Ste 200 Charleston, WV 25311	12/2021	Unknown	\$800,000
Goodson Street Bridge Structure / Transportation / Bristol, VA	Topographic Survey Bridge Survey Right of Way Survey	Whitman, Requardt & Associates 9030 Stony Point Pky #220 Richmond, VA 23235	11/2021	Unknown	\$36,000
Oak Street Structure / Transportation / Bristol, VA	Topographic Survey Bridge Survey Right of Way Survey	Whitman, Requardt & Associates 9030 Stony Point Pky #220 Richmond, VA 23235	12/2021	Unknown	\$36,000
Martin Luther King Jr. Blvd. / Transportation / Bristol, VA	Engineering Design: Roadway and Traffice Plans / Topographic and Bridge Survey	Whitman, Requardt & Associates 9030 Stony Point Pky #220 Richmond, VA 23235	11/2021	Unknown	\$60,000

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	YE A R	CONSTRUCTED (YES OR NO)
Humphrey Impoundment and Refuse Area Monongalia County, WV	LP Mineral, LLC 317 Cleveland Ave. Fairmont, WV 26554	\$10 Million	2018- 2020	Yes
Bailey Subsidence Stream Survey Greene County, PA	Consol Energy , Inc. 1000 Consol Energy Drive Cannonsburg, PA 15317	Unknown	2017	N/A
Grand Well Site Natural Gas Well Site Tyler County, WV	Antero Resouces Corporation 5335 White Oak Blvd. Bridgeport, WV 29330	Unknown	2020	No
Roberts Hill Road Upgrade Road Improvement Project Tyler County, WV	Antero Resouces Corporation 5335 White Oak Blvd. Bridgeport, WV 29330	Unknown	2020	No
Dry Ridge Compressor Pad Natural Gas Facility Marshall County, WV	CNX Midstream Operating 1000 Consol Energy Drive Cannonsburg, PA 15317	Unknown	2020	No
WDTN19 Well Site Natural Gas Well Site Monongalia County, WV	CNX Gas Company, LLC 1000 Consol Energy Drive Canonsburg, PA 15317	Unknown	2020	Yes
Uppers Decker's Creek Dam Rehabilitation Preston County, WV	Triton Construction, Inc. 47443 National Road, Suite 3 St. Clairsville, OH 43950	Unknown	2020	Yes
DTE Slip Projects Various Counties, WV	DT Midstream 1000 Noble Energy Drive, 5th Floor Canonsburg, PA 15317	Unknown	2020	Yes

17. COMPLETED WORK WITHIN LAST 5 YEARS ON WHICH YOUR FIRM WAS THE DESIGNATED ENGINEER OF RECORD				
PROJECT NAME, TYPE AND LOCATION	NAME AND ADDRESS OF OWNER	ESTIMATED CONSTRUCTION COST	YEAR	CONSTRUCTED (YES OR NO)
Spleen Splinter Well Site Natural Gas Well Pad Greene County, PA	EQT Production Company 400 Woodcliff Drive Canonsburg, PA 15317	Unknown	2019	Yes
Loblolly Bay Subdivision Land Development New Hanover County, NC	Pompano Development Group 530 Causeway Drive, Suite D1 Wrightsville Beach, NC 28480	Unknown	2017-2019	Yes
2020 Landslide Plans Williams Slip Repair Various Locatios, WV	Williams Ohio Valley Midstream 200 Commerce Drive Pittsburgh, PA 15275	Unknown	2020	Yes
Dytko Slip E&S Plans Slip Repair Wetzel County, WV	Williams Ohio Valley Midstream 200 Commerce Drive Pittsburgh, PA 15275	Unknown	2019	Yes
Premier Nissan Land Development Design Monongalia County, WV	Premier Nissan Automotive Group 5392 University Town Centre Drive Morgantown, WV 26501	Unknown	2019-2020	Yes
MOR29 Pipeline Pipeline Design Modification Pennsylvania	CNX Midstream Operating 1000 Consol Energy Drive Cannonsburg, PA 15317	Unknown	2020	Yes
Phase 2 Section 2 10" Mainline Replacement Natural Gas Pipeline Hampshire County, WV	Hampshire Gas Company 114 Hampshire Gas Drive Romney, WV 26757	Unknown	2019	Yes
Stockpile UAV Flights Flight Mapping Monongalia County, WV	Longview Power, LLC 100 Fort Martin Industrial Park Road Maidsville, WV 26541	Unknown	2019-2020	N/A

	VITHIN LAST 5 YEARS ON WHI CCH YOUR FIRM WAS RESPONSI	ICH YOUR FIRM HAS BEEN A SUB-CON IBLE)	ISULTANT T	TO OTHER FIRMS	(INDICATE PHASE
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
Coadlfields Expressway PIE Study / Transportation / McDowell & Wyoming Counties, WV	WV DOH	\$35,000	2019	No	TRCEngineering
Hampshire Gas Pipeline Replacement / Oil and Gas / Hampshire County, WV	Hampshire Gas Hampshire County, WV	\$54,000	2019	Yes	Ryan Environmental, LLC
Hampshire Gas Lift and Relay Oil and Gas / Hampshire County, WV	Hampshire Gas Hamsphire County, WV	\$113,000	2017	Yes	Ryan Environmental
Sturat Recreation Area Waterline Waterline Design & Permitting Randolph County, WV	USFS	\$17,000	2019-2021	In progress	AJ Burk
Barracksville Refuse Area and Surface Mine Marion County, WV	American Bituminous Power Partners, LP	\$10,000	2020	Yes	Arms Serices, LLC
Grant Town Refuse Area and Power Plant Marion County, WV	American Bituminous Power Partners, LP	\$10,000	2020	Yes	Arm Services
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 Signature:	a statement of facts.	Title: Operations Manager	r	Date: 09/13/21	
Printed Name: Herbert L.	Parsons, PE, PS				

	TITHIN LAST 5 YEARS ON WHI CH YOUR FIRM WAS RESPONS	ICH YOUR FIRM HAS BEEN A SUB-COI IBLE)	NSULTANT	TO OTHER FIRMS	(INDICATE PHASE
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
Gerald R Freeman Bridge, Geotechnical Investigation, Braxton Co, WV	WV Department of Highways Charleston, WV	\$5,000,000	2019	In Process	Mead and Hunt
Parkersburg Flood Wall and Levee, Geotechnical Investigation, Parkersburg, WV	City of Parkersburg	Unknown	2019	No	Mead and Hunt
Runway improvements Geotechnical Investigation, Wood County, WV	Mid-Ohio Valley Regional Airport	Unknown	2019	Yes	Michael Baker International
North Central WV Airport Development, Geotechnical Investigation, Bridgeport, WV	North Central WV Airport Bridgeport, WV	Unknown	2020	In Progress	The Thrasher Group
Water Tanks, Geotechnical Investigation St. Albans, WV	WV American Water Charleston, WV	\$2,000,000	2017	Yes	Chapman Technical Group
Owl Creek Highwall Geotechnical Investigation Monongalia Co, WV	WVDEP	Unknown	2021	No	The Thrasher Group
qualifications to	perform work for the Wes	information or description of rest Virginia Abandoned Mine Land:			firm's
20. The foregoing is Signature:		Title:President_		Date: Septem	ber 9, 2021
Printed Name:John_	E. Nottingham				

ATTACHMENT B: AML RELATED PROJECT EXPERIENCE MATRIX

							I	PROJEC	TEXPE	RIENCE	REQUI	REMENT									TICIPATION		
PROJECT	Exp. Basis C=Corp. P=Personnel	Additional Info Provided in Section (s)	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/Nitigation/ Replacement	Construction Inspection/Managem ent	Water Treatment	Eq;uipment/Structure Removal	Stream Restoration	Geotechnical/Stabilit y	Michael D. Hritz, PE	Herbert L. Parsons III, PE, PS	Roman C. Lawson, PE	Eric N. Stewart, PE	Robyn E. Smith	
																							T
Survey Streams	С			X					X										С				4
Holding Pond Treatment	С											X		X									
Water Sampling Collection	С			X								X		X									
am Restoration and Montoring	C&P					X							X			X							Ī
WV DEP AML - Saul's Run Landslide	P					X											X		P				1
DEP - Tubs Run Highwall and																							T
Refuse Phase I DEP AML - Sandy Run Highway			X			X											X		P				T
Portals	Р		Х	X	X	X											X		Р				+
VDEP AML- Pageton Portals DEP AML - Hampton No. Four	Р				X	X											X		Р				+
Maintenance V DEP AML - Church Creek /	Р					X											X		Р				\dashv
Manown Highwall	P		X			X											X		Р				4
BIT - Barrackville Surface Min and Refuse Area	C&P					X	Х						Х	X	X								
NSOL - PA Legacy Operations	C&P					Х						X	X	X									
ERP - Martinka Complex	C&P											X	X	X	X								
EQT - Tuna Nut Well Pad	Р	×							X				X										
EQT - Haymaker Well Pad	Р	Х							X				Х										
EQT - Taco Cat	Р	Х							X				Х										
lumphrey Impoundment and Refuse Area	C&P					х	X				X	X	X	X	Х								T
arrackville Refuse Area and Surface Mine	C&P					X	X		X		X	X	X	X	X								1
t Town Refuse Area and Power Plant						X	X		X		X	X	X	X	X								1
Farmington Refuse Area	C&P					X	X		X		X	X	X	X	X								İ
Williams No. 2 Refuse Area	C&P					X	X		X		X	×	X	X	X								Ť
villiallis No. 2 Keluse Alea	Car					^	^				^	^	^		^								Ħ

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

Attachment "B"

Tuna Nut
Haymaker
Subsidence investigation during longwall mining operations beneath well pad and access road.
Subsidence investigation during longwall mining operations beneath well pad and access road.
Subsidence investigation during longwall mining operations beneath well pad and access road.

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

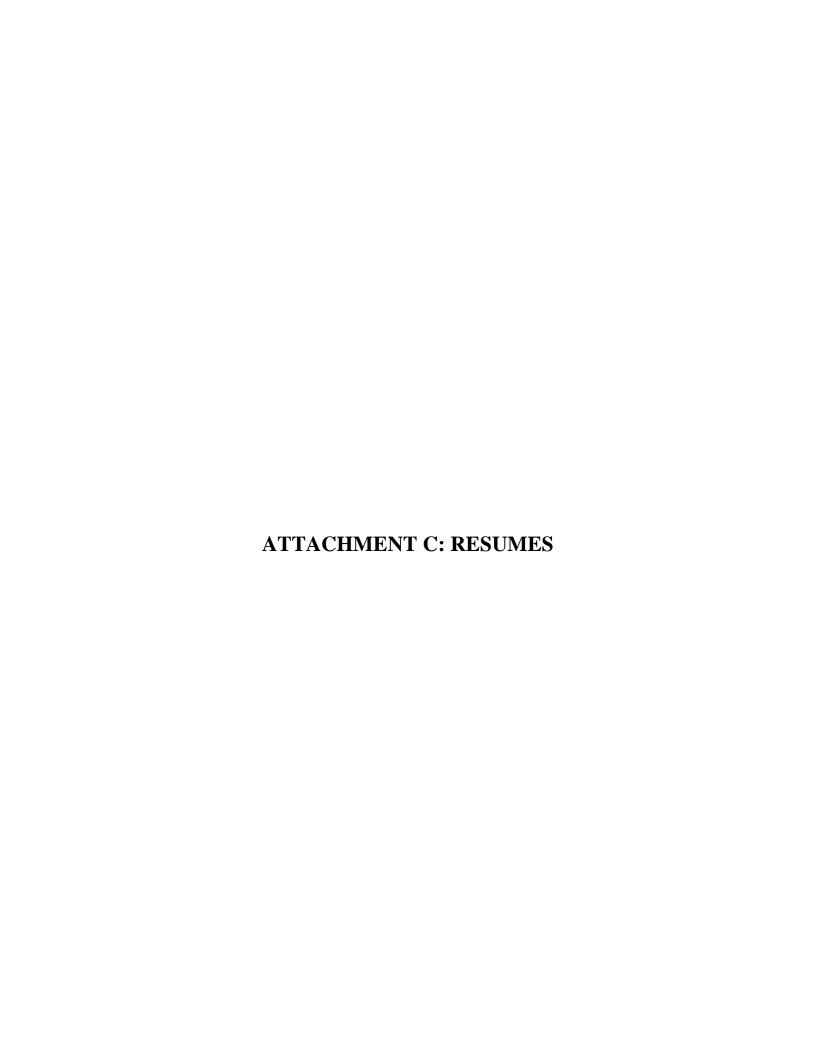
^{***} List Primary Design personnel and their functional capacity for the projects listed.

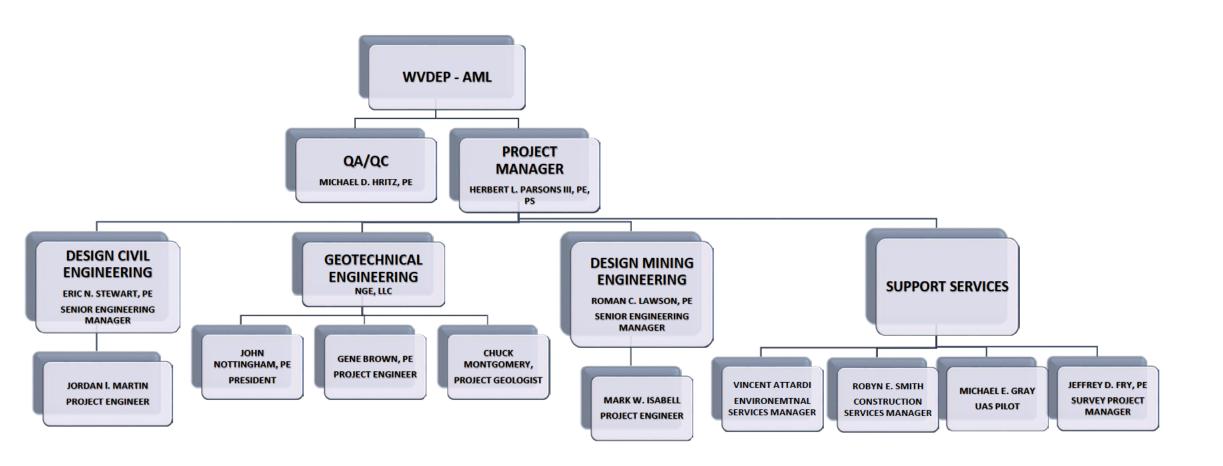
							F	PROJEC	T EXPE	RIENCE	REQUIF								PRIMARY STAFF PARTICIPATION/CAPACITY *** M=Management P=Professional					
PROJECT	Exp. Basis C=Corp. P=Personnel	Additional Info Provided in Section (s)	Abandoned Surface Mine Reclamation	Abandoned Deep Mine Reclamation	Portal/Shaft Closure	Hydrologic/Hydraulic Design/Eval.	Remining Evaluation	Mine/Refuse Fire Abatement	Subsidence Investigation Mitigation	Hazardous Waste Disposal	Project Specifications	Water Quality Evaluation/Nitigation/ Replacement	Construction Inspection/Manageme nt	Water Treatment	Eq;uipment/Structure Removal	Stream Restoration	Geotechnical/Stability	John Nottingham	Gene Brown	Noah Stevens	Mike Frame	Chuck Montgomery	Brandon Wallace	
Mountain View Portals	Р			x	x				x			x					x	М			Р	Р	Р	
Werth Landslide	Р			х					x									М			Р	Р	Р	
Ivy Branch AML	Р			x	x				х			х					x	М	Р		Р	Р	Р	
Owl Creek Highwall	Р		х						х								х	М	Р	Р	Р	Р	Р	
Ed Gower Highwall	Р		х	x	x				х			х					x	PM	Р	Р	Р	Р	Р	
Nutter Run Landslide	Р		x						x								x	М	Р	Р	Р	Р	Р	
Isaac Creek Landslide	Р		x	x					x								x	М	Р	Р	Р	Р	Р	
North Matewan Drilling	Р		х						х								x		М		Р	Р	Р	
Ridgeway Drive Landslide	Р		x						x								x	М	М	Р		Р	Р	
Sauls Run Bennet Slide	Р		х						х								x		М			Р	Р	
Craigmoor Landslide	Р		х						х								х		М		Р	Р	Р	
Crooked Run	Р		x						x								x		М			Р	Р	
Elkhurst Landslide	Р		x						x								x		М			Р	Р	

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

Attachment "B"

^{**} 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.





President/Co-Owner Michael D. Hritz, P.E.



Mr. Hritz has over 28 years of experience in the civil and environmental engineering field. During that time, he has served as co-owner of Dieffenbauch & Hritz, LLC; Regulatory, Construction and Water Resources Manager for Chief Oil & Gas LLC and Manager at Gannett Fleming, Inc. Mr. Hritz has accumulated a broad range of experience in the regulatory, planning, well permitting, location construction, drilling, completing and production phases of the oil & gas industry in the Marcellus Shale. Also through his career he has gained valuable experience with projects in the transportation, environmental compliance, mining, water resources and commercial site development fields in OH, PA, VA, and WV.

Company Role, Quality Assurance Quality Control:

Responsible for overseeing and assuring the quality of all deliverables and management practices of all disciplines. This includes overseeing critical events, attending client or stockholder meetings. As well as participating in kick-off and milestone meetings, preparing quality control plans and assuring project and client performance.

Project Role, Professional Charge: Mr. Hritz is assigned professional charge on many projects for the engineering and survey departments. A critical key to quality control includes redundant professional reviews. D&H has a Client Leader in charge of projects and a designated Professional will provide independent review of each deliverable. This process assures unbiased results and quality deliverables. Professional charge assignments include permitting, engineering and survey deliverables for a variety of projects.

Experience Prior to Dieffenbauch & Hritz, LLC:

Chief Oil & Gas 2009-2012

Title: Regulatory, Construction and Water Resources Manager

Dieffenbauch & Hritz, LLC 2005 - 2009

Title: President/ Co-Owner

Manager, Gannett Fleming, Inc

Title: Project Engineer through Regional Office

1993 - 2005

DETAILS AND ACHIEVEMENTS

Experience

Total: >28 years With D&H: >14 years (Founder 2005)

Education:

B.S., Civil Engineering, The Pennsylvania State University - 1991

PROFESSIONAL REGISTRATION(S):

1997/PE, PA 1999/PE, WV 2013/PE, NC 2015/PE, OH

CORPORATE AFFILIATIONS:

Gas and Oil Association of WV (GOWV)

Pennsylvania Independent Oil and Gas Association (PIOGA)

Operations Leader Herbert L Parsons III, PE, PLS



Mr. Parsons has accumulated more than 20 years of project management experience in civil engineering and surveying. As a Senior Project Manager, he has developed a broad experience base and extensive project development with public and private sector clients. He has lead teams on complex projects that require coordination of disciplines, technical studies, environmental permitting, and multiple agencies and stakeholders. Specific areas of engineering design and surveying include, renewable energy, conventional energy, road design, utilities, hydrologic and hydraulic studies, commercial and residential site planning, erosion and sediment control plans and permit documents.

Quality Assurance Quality Control:

Mr. Parsons is responsible for overseeing and assuring the quality of all deliverables and management practices of all disciplines. This includes overseeing critical events, establishing program protocol's, attending client or stockholder meetings, participating in kick-off and milestone meetings, preparing project specific quality control plans and project execution plans. In addition Mr. Parsons is the Department Leader for the Survey Department and oversees its day to day operations as well as its overall responsible charge. Finally, Mr. Parsons has a QC role with the engineering department as an independent reviewer and has responsible charge and signature responsibilities for several clients and scopes of work in multiple states.

Technical Competency

- Water Resources (H & H Studies)
- Impoundment Design
- Storm Sewer System
- Storm Water Management
- Water Quality Control (BMP)
- Utility Systems
- Road Design
- Erosion and Sediment Control / NPDES
- Survey Expertise
 - Boundary Survey
 - ALTA/As-built Surveys
 - Aerial Control and Mapping
 - Obstruction Surveys
 - Construction Stakeout
 - Topographic Mapping

DETAILS AND ACHIEVEMENTS

Experience

Total: 25 years

With D&H: Nine Years

Education:

Virginia Military Institute B.S. Civil Engineering 1994

Safety Training

Safeland (PEC) OSHA 10 RigPass

PROFESSIONAL REGISTRATION(S):

Professional Surveyor



WV # (2002) VA # (1999) PA # (2003)

OH# (2020)

CORPORATE AFFILIATIONS:

Gas and Oil Association of WV (GOWV)

Pennsylvania Independent
Oil and Gas Association
(PIOGA)

Engineering Manager Roman C. Lawson, P.E., M.S.



Mr. Lawson has over 18 years of experience in the civil and environmental engineering field. During that time, he has served as Engineering Manager for Dieffenbauch & Hritz, managed surface mining operations and construction services for Alpha Natural Resources and performed structural design of highway bridges for the West Virginia Division of Highways. Mr. Lawson has accumulated a broad range of experience in the regulatory, planning, well permitting, location construction, site development and overall management phases of the oil & gas industry in the Marcellus and Utica Shale. Also, through his career he has gained valuable experience with projects in the transportation, environmental compliance, mining, water resources, construction management and commercial site development fields in OH, PA, VA, and WV.

Summary of Projects:

Coalfields Expressway, Hawksnest Section, Buchanan County, VA, VDOT. Engineering/Construction Manager in charge of the design and construction of the 2-mile, four lane, "Hawksnest" section of the Coalfields Expressway in Buchanan County, VA.

Coalfields Expressway Feasibility Study, Southwest Virginia, VDOT. Engineering/Construction Manager in charge for the preparation of a Feasibility Study for a 30-mile section of the 50-mile CFX corridor which included a detailed analysis of coal reserves located along the corridor.

Coalfields Expressway, Southwest Virginia, VDOT. Engineering/Construction Manager in charge of the Preliminary Design for the Pound Connector and Doe Branch sections of the 50-mile corridor, which included a detailed coal reserve analysis and material handling plan.

Coalfields Expressway, Southwest Virginia, VDOT. Engineering/Construction Manager in charge of the Preliminary Design for the 2-mile Kiwanis Park section of the 50-mile corridor, which included a detailed coal reserve analysis and material handling plan.

Breaks Regional Airport, Buchanan County, VA, Buchanan County Industrial Development Authority. Engineering/Construction Manager of a multiphased Post Mining Land Use feasibility study for the development of an approximately 500 acre airport and relocation/widening of 5-miles of roadway.

DETAILS AND ACHIEVEMENTS

Experience

Total: 18 + years With D&H: 9 Years

Education:

B.S., Civil Engineering Technology, Bluefield State College

M.S., Civil Engineering, Virginia Tech.

PROFESSIONAL REGISTRATION(S):

Professional Engineer

Virginia - No. West Virginia - No. Pennsylvania – No. North Carolina – No.

Virginia Class A Contractor

Engineering Manager Eric N. Stewart, P.E.



Mr. Stewart has over 15 years of experience in the civil and environmental engineering field. During that time, he has served as Engineering Manager for Dieffenbauch & Hritz, LLC; Roadway and Special Projects Construction Manager for Antero Resources and Project Manager at Williams. Mr. Stewart has accumulated a broad range of experience in the regulatory, planning, well permitting, location construction, pipeline, and midstream facility of the oil & gas industry in the Marcellus and Utica Shale. Also, through his career he has gained valuable experience with projects in the transportation, environmental compliance, mining, water resources and commercial site development fields in OH, PA, and WV.

Company Role, Engineering Manager:

Responsible for all aspects of engineering and design. He coordinates procedures as well as works closely with clients and regulatory agencies to ensure the company is at the forefront of design and regulatory adherence.

Project Role, Professional Charge: Mr. Stewart is assigned professional charge on many projects for the engineering and construction management departments. A critical key to quality control includes redundant professional reviews. D&H has a Client Leader in charge of projects and a designated Professional will provide independent review of each deliverable. This process assures unbiased results and quality deliverables. Professional charge assignments include permitting, engineering, survey and construction management deliverables for a variety of projects.

Experience Prior to Dieffenbauch & Hritz, LLC:

Antero Resources Corporation 2016–2018

Title: Special Projects & Roadway Construction Manager

Williams Companies, Inc.

2009-2016

Title: Facilities Engineer/Project Manager/Permitting Manager

Dieffenbauch & Hritz, LLC

2005 - 2009

Title: Project Manager

Gannett Fleming, Inc.

2003 - 2005

Title: Associate Engineer

DETAILS AND ACHIEVEMENTS

Experience

Total: 18 years With D&H: 7 years

Education:

B.S., Civil Engineering, West Virginia University

PROFESSIONAL REGISTRATION(S):

Professional Engineer



CORPORATE AFFILIATIONS:

Gas and Oil Associate of WV (GOWV)

Pennsylvania Independent Oil and Gas Association (PIOGA)

Environmental Services Leader Vincent J. Attardi, M.S.



Mr. Attardi has over 40 years of experience conducting environmental and ecological investigations throughout the eastern United States. During the course of his career, he has held positions in the government, academic, and private sectors and has founded three ecological consulting firms. He is an aquatic ecologist by training and a leading expert in project permitting under Sections 404 and 401 of the Clean Water Act (CWA). He is proficient in wetland and stream services (delineation, mitigation, restoration, permitting), endangered species habitat assessments, botanical surveys, soil assessments, aerial photo interpretation, NEPA documents, natural resource management plans, and other natural resource investigations.

Project Role, Environmental Coordinator:

In his current position, Mr. Attardi is responsible for the development and management of program and personnel that comprises the entirety of Environmental Services offered to our clients and in support of our Engineering and Construction Service Sectors. Key roles include development and implementation of the quality assurance program, development of standard operating procedures, scheduling, technical expertise, technical mentoring, personnel management, budgeting, project management, and business development.

Summary of Projects:

Mr. Attardi has overseen the environmental investigation and permitting of approximately 150 projects during his time at Dieffenbauch & Hritz. These investigations were primarily conducted in support of oil and gas projects.

Experience prior to Dieffenbauch & Hritz LLC:

Principal, Wetland Services; Copperhead Environmental Consulting, Inc. [2013 – 2014]

Senior Associate; Stantec [2008 - 2012]

Senior Ecologist, Project Manager; FMSM [2005 – 2008]

Senior Ecologist, President; Ecological Planning Group, LLC [2002 – 2005]

Natural Resources Program Manager; Law Engineering and Environmental Services, Inc. [1999 – 2002]

Natural Resources Program Manager; Ogden Environmental and Energy Services, Inc. [1997 – 1999]

DETAILS AND ACHIEVEMENTS

Experience

Total: 40 years With D&H: 7 Years

Education:

M.S., Biology, Rutgers
University, 1992
B.S., Marine Science / Biology,
University of Tampa, 1981

Safety Training

Safeland OSHA 10 First Aid / CPR / Blood Pathogen

PROFESSIONAL CERTIFICATIONS:

Sewage Enforcement Officer Pennsylvania – No. (2015)

Certified Erosion Prevention &
Sediment Control Inspector
South Carolina —
No. (2016)

CORPORATE AFFILIATIONS:

Society of Wetland Scientists Pennsylvania Association of Sewage Enforcement Officers GOWV Environmental Committee

Pennsylvania Independent Oil and Gas Association (PIOGA)

Construction Services Manager Robyn E. Smith



Mr. Smith has over 35 years of experience in the civil, mining, and construction management fields. Mr. Smith has accumulated a broad range of experience in the regulatory, planning, location construction, drilling, geotechnical and construction management phases of the oil & gas industry in the Utica and Marcellus Shale. Also throughout his career he has gained valuable experience with projects in the transportation, environmental compliance, mining, water resources, geotechnical and commercial site development fields in KY, OH, PA, VA, and WV.

Project Role, Construction Services Manager:

Responsible for managing the design, permitting, construction management and certification activities associated with client's projects. Projects may include but are not limited to: oil & gas well pads, fresh and reuse water impoundments. Primary role includes; managing company operations, management of oil & gas development planning and regulatory reporting, management of construction services including construction compliance and inspection, construction management, construction sequencing and optimization, contractor management, project development and management and project completion, and planning, design, permitting, and construction phase services for water resources, environmental, mining, transportation, geotechnical and commercial site development projects.

Summary of Projects:

Oil & Gas Well Pad Projects: [2015 – present]

Over the past 5 years, Mr. Smith has managed hundreds of design, permitting, construction management, and certification for natural gas well sites, above ground storage facilities, centralized impoundments, pipelines, and metering facilities for various natural gas companies at locations throughout PA, OH and WV.

Experience prior to Dieffenbauch & Hritz LLC:

Chief Engineer; Coal River Energy [2011 – 2015]

Senior Mining Engineer/Construction Manager; Callaway Natural Resources

[2005 - 2011]

Project Engineer/Field Services Manager; Triad Engineering, Inc. [1998-2005]

Branch Manager; Triad Engineering, Inc. [1993-1998]

General Manager; GLX Development Corporation [1987-1993] Mining Engineer; Stagg Engineering Services, Inc. [1985-1987]

DETAILS AND ACHIEVEMENTS

Experience:

Total: 36 years With D&H: 6 years

Education:

BS, Mining Engineering, West Virginia Institute of Technology, 1984

Safety Training:

PEC Training MSHA US Department of Labor Certified Surface Mine Instructor (Code IS) MSHA US Department of Labor Certified Underground Mine Instructor (Code IU) MSHA US Department of Labor Certified Impoundment Inspection Instructor. WV Certified Surface Mine Foreman WV Certified Underground Mine Foreman

CORPORATE AFFILIATIONS:

John E. Nottingham, P.E., P.S.



Mr. Nottingham currently serves President & Principal Engineer for NGE. In this capacity, he has served as lead Geotechnical Engineer on a variety of government and commercial design and construction projects. His responsibilities on these projects include direction and coordination of all geotechnical engineering activities. Duties on these projects have included foundation investigation report production, foundation and retaining wall design, fill embankment and cut slope design, slope stability analysis, pavement design, design of drainage systems, supervision of subsurface drilling programs, field activity coordination, laboratory data computation and processing, performance of field work, client relations, and supervision of technical and professional staff.

Fields of Competence

- Highway & Airport Geotechnical Design
- Bridge & Building Foundation Analysis
- Subsurface Investigations
- Site Development Earthwork Design
- Slope Stability Analysis
- Landslide Analysis & Remedial Design
- Retaining Wall Design
- Reinforced Soil Slope Design
- Mine Subsidence Investigations
- Forensic & Insurance Investigations
- Construction Monitoring
- Personnel Management
- Project Management (schedule and budget)
- Project Estimating

Education

- B.S., Civil Engineering, West Virginia University -1987
- M.S., Civil Engineering, West Virginia University -1995

Registration/Certifications

- Registered Professional Engineer in West Virginia, Pennsylvania, Maryland, Virginia, Kentucky, and Ohio.
- Registered Professional Surveyor in West Virginia.

- 2016 Present President, Principal Engineer NGE, LLC
- 2002 2016
 Branch Manager, Vice President, Principal Engineer
 NGE, LLC
- 1997 2002
 Vice President & Geotechnical Services Manager
 Triad Engineering, Inc.
- 1996 1997
 Senior Engineer Triad Engineering, Inc.
- 1993 1996 Project Engineer - Triad Engineering, Inc.
- 1988 1993 Staff Engineer - Triad Engineering, Inc.

Gene Brown, P.E.



Mr. Brown has served as Project Engineer on numerous projects for clients in private industry as well as for state and federal agencies. He has performed a variety of roles in various projects from office management activities to coordination of field activities. Duties on these projects have included foundation investigation report production, foundation and retaining wall design, fill embankment and cut slope design, slope stability analysis, dam analysis, AutoCAD drafting, supervision of subsurface drilling programs, field activity coordination, environmental site assessments, operation and maintenance of groundwater extraction and remediation systems, structural inspections, GPS and conventional surveys, laboratory data computation and processing, performance of fieldwork, client relations, and supervision of technical and professional staff.

Fields of Competence

- Subsurface Investigations
- Slope Stability Analysis
- Bridge Foundation Analysis
- Retaining Wall Design
- Landslide Analysis & Remedial Design
- Site Development Earthwork Design
- Foundation Investigations
- Seismic Site Class evaluation, per International Building Code (IBC) 2000 edition.
- Construction Monitoring
- Personnel Management
- Project Management (schedule and budget)
- Project Estimating

Education

- BS, Civil Engineering Technology, Bluefield State College, 2000
- BS, Architectural Engineering Technology, Bluefield State College, 2000

Registration/Certifications

- Registered Professional Engineer, West Virginia
- Licensed Remediation Specialist (LRS), West Virginia
- OSHA 1910.120 40-hour HAZWOPER Training, 2005
- OSHA 10-hour Construction Safety and Health, 2013

- 2018 Present Geotechnical Services Manager NGE, LLC
- 2008 2018
 Project Engineer
 NGE, LLC
- 2006 2008
 Staff Engineer
 NGE, LLC
- 2001 2006 Staff Engineer, Terradon Corporation
- 2000 2001
 Survey Technician, John E. Chance & Associates, Inc
- 1999
 Engineer Intern, Burgess & Niple, Ltd.

Noah Stevens, P.E.



Mr. Stevens has worked on numerous projects for clients in private industry as well as for state and federal agencies. He has performed a variety of roles in various projects from office management activities to coordination of field activities. Duties on these projects have included foundation investigation report production, foundation and retaining wall design, slope stability analysis, fill embankment and cut slope design, AutoCAD drafting, supervision of drilling programs, field activity coordination, operation and maintenance of groundwater extraction and remediation systems, laboratory data computation and processing, performance of fieldwork, client relations, and supervision of technical staff.

Fields of Competence

- Subsurface Investigations
- Slope Stability Analysis
- Bridge & Building Foundation Analysis
- Retaining Wall Design
- Landslide Analysis and Remidial Design
- Site Development Earthwork Design
- Foundation Investigations
- Seismic Site Class evaluation, per International Building Code (IBC) 2000 edition
- Personnel Management
- Project Estimating
- Construction Monitoring

Education

 BS, Civil Engineering Technology, West Virginia University Institute of Technology, 2011

Registration/Certifications

- Registered Professional Engineer, West Virginia
- OSHA 1910.120 40-hour HAZWOPER Training, 2011
- Certified WVDOT-DOH Compaction Inspector
- OSHA 10 Hour Construction Industry Outreach Training, 2012

- June 2018 Present Project Engineer, NGE, LLC
- May 2011 June 2018
 Staff Engineer, NGE, LLC
- Summers of 2009 & 2010
 Resurfacing Inspector Intern, WVDOH

Chuck Montgomery, P.G.



Mr. Montgomery is currently serving as Laboratory Services Manager, as well as Project Manager and/or Project Geologist on numerous projects for clients in private industry as well as for state and federal agencies. He has performed a variety of roles in various projects from office management activities to coordination of field activities. Duties on these projects have included foundation investigation report production, mine subsidence evaluation and assessment, supervision of subsurface drilling programs, field activity coordination, laboratory testing, data computation and processing, performance of fieldwork, client relations, and supervision of staff. Mr. Montgomery also coordinates and performs Crosshole Sonic Logging (CSL) testing, a non-destructive method of analyzing the integrity of concrete shafts.

Fields of Competence

- Foundation Investigations
- Landslide Analysis
- Mine Subsidence Investigations
- Seismic Site Class evaluation, per International Building Code (IBC) 2000 edition.
- Forensic & Insurance Investigations
- Crosshole Sonic Logging (CSL)
- Personnel Management
- Project Management (schedule and budget)
- Project Estimating

Education

- B.S., Geology, Marshall University 1991
- OSHA 1910.120 40-hour HAZWOPER Training

Registration/Certifications

- Registered Professional Geologist in Kentucky. Registration No. KY-2258 (since 1999)
- Certified Monitoring Well Driller in West Virginia
- OSHA 1910.120 40-hour HAZWOPER Training

- February 2004 Present Project Manager, NGE, LLC
- 1996 February 2004
 Project Geologist, Triad Engineering, Inc.
- 1992 –1996
 Staff Geologist, Triad Engineering, Inc.

Michael D. Frame



Mr. Frame has worked on numerous projects for clients in private industry as well as for state and federal agencies. He has performed a variety of roles in various projects from office management activities to coordination of field activities. Duties on these projects have included foundation investigation report production, slope stability analysis, AutoCAD drafting, supervision of subsurface drilling programs, field portion of environmental site assessments, structural inspections, GPS and conventional surveys, laboratory data computation and processing, performance of fieldwork, and client relations.

Fields of Competence

- Foundation Investigations
- Construction Monitoring
- Personnel Management
- Project Management (schedule and budget)
- Project Estimating

Education

 BS, Civil Engineering Technology, West Virginia University Institute of Technology, 2010

Registration/Certifications

• OSHA 1910.120 40-hour HAZWOPER Training, 2010

- January 2015 Present Drilling Services Manager, NGE, LLC
- December 2010 January 2015
 Staff Engineer, NGE, LLC
- March 2010 December 2010
 Engineering Intern, NGE, LLC
- 2004 Present Structural Journeyman, Civil Engineering Squadron West Virginia Air National Guard
- 2009 Resurfacing Inspector Intern, WVDOH

Brandon Wallace



Mr. Wallace has worked on numerous projects over the past 20 years as a drill crew chief, providing drilling services for geotechnical, environmental, and construction projects. He has worked for clients in private industry as well as for state and federal agencies. He has applied intensive and diversified knowledge of geotechnical drilling principles and practices to various assignments and field tasks. He has the knowledge to correspond with team members to make decisions on geotechnical drilling issues and methods encountered in the field. He has provided training, supervision, and guidance to numerous driller assistants in their development to become drillers.

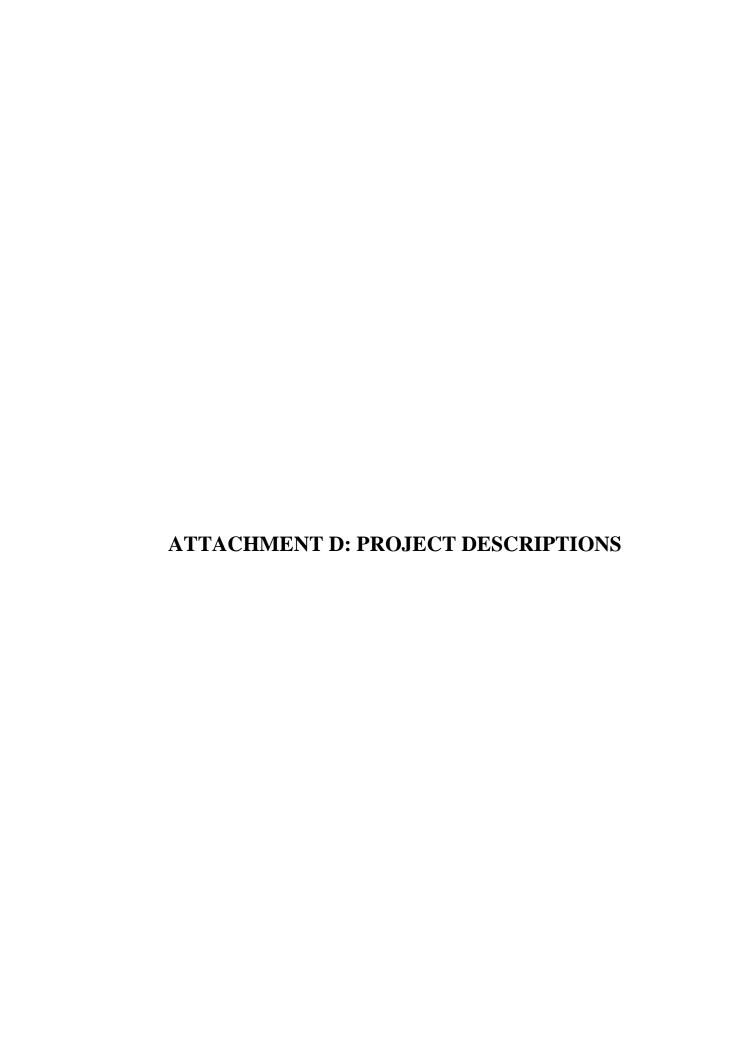
Fields of Competence

- Responsible for performing and documenting drilling project tasks (drilling logs).
- Responsible for loading and mobilizing equipment to the project site.
- Complies with NGE's daily Tailgate Safety Plan, as provided by the Geotechnical Drilling Manager.
- Performs preventative maintenance of drill rigs and associated equipment.
- Remains up to date with current industry and governmental specifications and standards affecting geotechnical drilling.
- Communicates well with on-site engineering consultants in a professional manor.
- Trains and develops junior operators/assistants.

Registration/Certifications

- NHI-SSI-132079 Certified
- Ohio Class A CDL
- Safeland Training PEC 2013
- OSHA 10-Hour Construction Industry Outreach Training, 2012

- August 2014 Present Drill Crew Chief, NGE
- July 2009 August 2014
 Lead Driller, F. Moore Drilling Service
- September 2008 July 2009 Driller, H.C. Nutting Company
- February 2001 September 2008
 Driller, Central Star Drilling





1095 Chaplin Road Suite 200 Morgantown, WV 26501

T: 304.985.5555 F: 304.985.5557 dandhengineers.com

Project Descriptions for Abandoned Mine Lands Related Projects

Dieffenbauch & Hritz (D&H) has provided engineering and related services to over 100 projects similar to AML projects following the guidelines and standard to the West Virginia Department of Protection. Below is a sampling of projects that have been completed.

Project: EQT Waterline System

Client: EQT Production

Location: Marion & Wetzel Counties, WV

D&H was retained by EQT Production to provide engineering design and permitting and survey services for approximately 87,911 LF of waterlines to supply water for hydraulic fracturing on natural gas well pads. Developed site design included stream and wetland crossings, proposed driveways and waterline road crossing and stormwater discharge. Based upon route development data, survey crews and engineering teams were able to finalize the waterline routes and all necessary permits were obtained for the proposed construction.

Project: RHL89 Well Pad

Client: CNX Gas Company, LLC Location: Greene County, PA

D&H was retained by CNX Gas Company to provide engineering design and permitting, environmental services and survey services for a new Oil and Gas well pad located in Greene County, PA. The project consisted of D&H field staff designing an approximately 203" long graveled access road to the area where a pad will be constructed for the purpose of drilling unconventional gas wells. During the design and investigation process of this project D&H retained NGE, LLC to provide geotechnical work that were needed.

Project: NV13 Well Pad Slip Repair Client: CNX Gas Company, LLC Location: Greene County, PA

D&H was retained by CNX Gas Company to provide engineering design and permitting, environmental services and survey for a slip repair for an existing oil and gas well pad located in Greene County, PA. This project consisted of D&H staff designing the remediation and restoration of a slide area caused by an infiltration berm. Reclaiming the infiltration berm area and re-routing impervious runoff to a new PCSM BMP. A second slip was fix on an existing infiltration basin and converting that infiltration basin to a wet pond. The designed slip repair involved an environmental assessment of the site and survey of the construction stakeout and producing a full as-built of the site once completed. During the slip repair design of this project, D&H retained NGE, LLC to provide a geotechnical assessment.

Project: Hampshire Gas Pipeline Replacement

Client: Hampshire Gas: A Washington Gas Company

Locations: Hampshire County, WV

D&H was retained by Hampshire Gas to provide as-built survey and mapping services for the replacement of approximately 13,600 LF of gas pipeline located in Hampshire County, WV. This project consisted of the D&H field staff to survey the as-built pipeline and recording attribute information. Mapping deliverables consisted of line work generation, full plan set consisting of plan view over profiles and data tables with the attribute information that was collected in the field and amount of cover over pipeline once installed into the ground.

Project: Falcon Land AML

Client: AJ Burk

Location: Nicholas County, WV

D&H was retained by AJ Burk to provide construction and as-built survey and UAV mapping services for an AML project located in Nicholas County, WV. This project consisted of D&H field staff to survey the construction stakeout of modifications of existing ponds, emergency spillways, ditches, manholes, pipes, culverts, sump and construction of a new Limestone Facility. After the site was completed, D&H returned to provide a full site as-built of all work completed and provide an aerial imagery and a finished plan set.

Project: Purdy Run Quarry UAV Mapping

Client: KCS Contracting, LLC Location: Harrison County, WV

KCS Contracting retained D&H to provide UAV mapping services for the Purdy Run Quarry located in Harrison County, WV. This project consisted of D&H field staff to survey aerial targets and perform a UAV flight to capture aerial imagery to show the progression of the active mining at the quarry and to provide volumes of all stockpiles on site. D&H provided contours of one foot interval, plan sets of the mapping, a Google Earth file of the flight and a report that provided volumes of each stockpile in cubic yards.

Project: Mashey Gap Quarry UAV Mapping

Client: J.F. Allen Company Location: Randolph County, WV

J.F. Allen Company retained D&H to provide UAV mapping for the Mashey Gap Quarry located in Randolph County, WV. This project consisted of D&H field staff to survey aerial targets and perform a UAV flight to capture aerial imagery to show the progression of the active mining at the quarry. D&H provided aerial mapping, contours of one foot interval, plan set of the mapping and a Google Earth file of the flight.

Abandoned Mine Lands & Reclamation Projects



NGE has provided drilling and engineering services on over 100 AML related projects, both for the West Virginia Department of Environmental Protection and private engineering firms working for the WVDEP. The following is a sampling of some of the projects NGE has completed in the past five years.

Project: Mountain View Portals

Client: Michael Baker International

Location: Preston County, West Virginia

NGE provided complete drilling services for the client to provide subsurface data necessary for remedial designs. Borings were drilled in a soil borrow area, in a refuse area to determine refuse thickness, and above a series of collapsed mine portals. PVC piezometers were installed in the borings which intercepted mine workings to allow for the monitoring of mine pool levels.

Project: Werth Landslide

Client: E.L. Robinson Engineering
Location: Nicholas County, West Virginia

NGE provided drilling and engineering services for the client to aid in the abatement of landslide caused by long-term soil saturation from abandoned mine drainage.

Project: Ivy Branch AML
Client: Thrasher Engineering

Location: Lincoln County, West Virginia

NGE provided complete drilling services for the client to provide subsurface data necessary for remedial designs. Borings were drilled in a soil borrow area, in a refuse area to determine refuse thickness, and above a series of collapsed mine portals. PVC piezometers were installed in the borings which intercepted mine workings to allow for the monitoring of mine pool levels.

Project: Owl Creek Highwall
Client: Thrasher Engineering

Location: Monongalia County, West Virginia

NGE provided complete drilling services for the client to provide subsurface data necessary for remedial designs. Borings were drilled around the high wall and an engineering analysis was performed for the slope stability and backfill around the high wall.

Project: Isaac Creek Landslide Client: Thrasher Engineering

Location: Harrison County, West Virginia

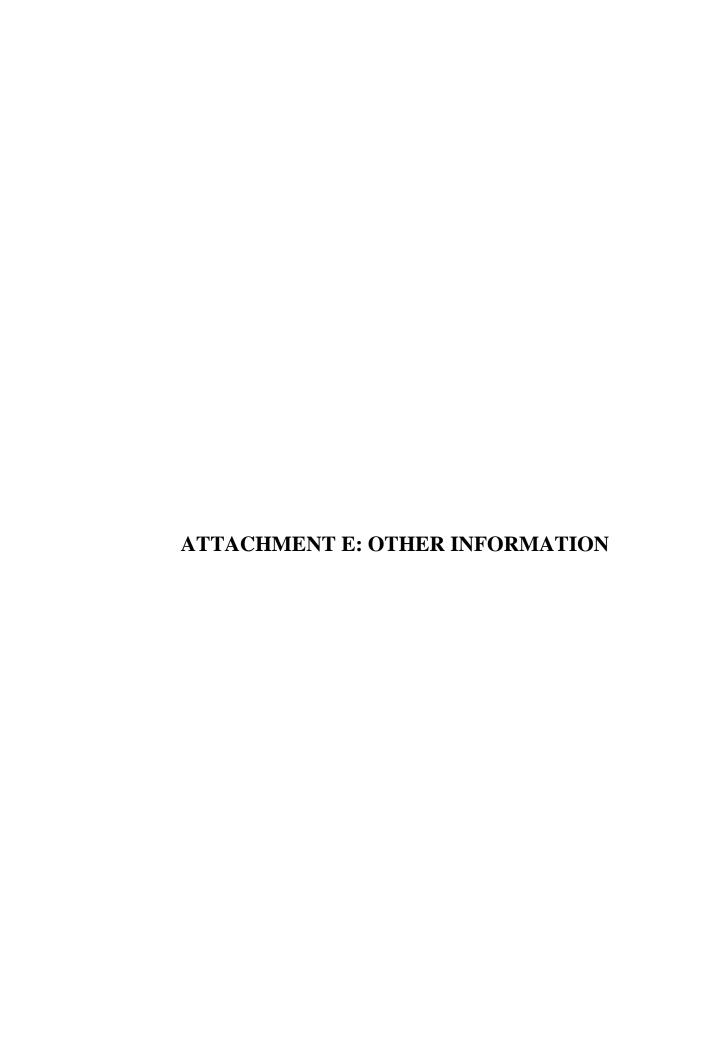
NGE drilled a series of test borings at the project site to provide subsurface data necessary for use in design of remedial measures for a landslide. The results of the field investigation and laboratory testing was used to analyze the slide and develop typical cross-sections which illustrated our recommended method of repair for stabilization.

Project: Nutter Run (Romano) Landslide

Client: Thrasher Engineering

Location: Harrison County, West Virginia

The client required subsurface data to assist in the design of a remedial measure for a landslide at the project site. NGE drilled a series of borings and provided the design for two retaining walls at the base of the slides.



OMB # 1029-0119 Expiration Date: 10/31/2021

ABANDONED MINE LANDS (AML) CONTRACTOR INFORMATION FORM

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

Part A: General Information

Business Name:

Dieffenbauch & Hritz, LLC

Tax ID #:	65-1257247			
Address:	1095 Chaplin Road			
City, State, & Zip:	Morgantown, WV 26501			
Phone Number:	304-985-5555			
Email Address:	info@dandhengineers.com			
Part B: Obtain an O	rganizational Family Tree (OFT) fro	om the Applicant Violator System (AVS)		
If you plan to certify t	he existing AVS information or submi	t updates under Part C, you must include an OFT.		
	u may contact the AVS Office at 800-6	1		
https://avss.osmre.gov	//. Instructions for how to download a	OFT from the AVS can be found at:		
https://www.osmre.go	v/programs/AVS/aml-instructions.pdf			
, ,	nd updating information in the AVS following options, follow the instructi	ons for that option, and sign and date below.		
I, Herbert L. Parsons, I	II PE, PS , have e	express authority to certify that:		
(Print Name)				
1	s in the AVS and is accurate, complete y OFT from the AVS to this form. <u>Do</u>	, and up-to-date. If you select this option, you must not complete Part D.		
2. Our business is in the AVS but needs to be updated. If you select this option you must attach an Entity OFT from the AVS to this form. Use Part D to provide the missing or corrected information.				
3. Our business i	s not in the AVS and needs to be added	l. Complete Part D.		
09/13/2021	Signature	Operations Manager		
Date	Signature	Title		

OMB # 1029-0119

Expiration Date: 10/31/2021

Part D: OFT Information

Contractor's Business Name: Dieffenbauch & Hritz, LLC

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

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

Name:	Michael D. Hritz, PE	Name:	John C. Dieffenbauch, PE
Address:	256 McKee Road, Washington, PA	Address:	6321 Shinn Creek Ln, Wilmington, NC
Begin Date:	08/2005	Begin Date:	08/2005
End Date:	N/A	End Date:	N/A
% Ownership:	48.6	% Ownership:	48.6
Position/Title:	President / Member	Position/Title:	Vice President / Member
Phone Number:	304-985-5555	Phone Number:	304-985-5555
Name:	Herbert L. Parsons, III PE, PS	Name:	Roman C. Lawson, PE
Name: Address:	Herbert L. Parsons, III PE, PS 436 Overlook Dr. Mount Clare, WV	Name: Address:	Roman C. Lawson, PE 422 Patrick Dr. Lebanon, VA
Address:	436 Overlook Dr. Mount Clare, WV	Address:	422 Patrick Dr. Lebanon, VA
Address: Begin Date:	436 Overlook Dr. Mount Clare, WV 02/2012	Address: Begin Date:	422 Patrick Dr. Lebanon, VA 04/2012
Address: Begin Date: End Date:	436 Overlook Dr. Mount Clare, WV 02/2012 N/A	Address: Begin Date: End Date:	422 Patrick Dr. Lebanon, VA 04/2012 N/A
Address: Begin Date: End Date: % Ownership:	436 Overlook Dr. Mount Clare, WV 02/2012 N/A 1.4 Operations Manager	Address: Begin Date: End Date: % Ownership:	422 Patrick Dr. Lebanon, VA 04/2012 N/A 1.4 Senior Engineering Manager

PAPERWORK REDUCTION STATEMENT

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

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

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

Idelet L. Par	Operations Manger
(Name, Title)	
Herbert L. Parsons, III PE PS - Operations Manger	r
(Printed Name and Title)	
1095 Chaplin Road, Suite 200 Morgantown, WV 26	5501
(Address) 304-985-5555 / 304-985-5557	
(Phone Number) / (Fax Number) hparsons@dandhengineers.com	
(email address)	

CERTIFICATION AND SIGNATURE: By signing below, or submitting documentation through wvOASIS, I certify that: I have reviewed this Solicitation in its entirety; that I understand the requirements, terms and conditions, and other information contained herein; that this bid, offer or proposal constitutes an offer to the State that cannot be unilaterally withdrawn; that the product or service proposed meets the mandatory requirements contained in the Solicitation for that product or service, unless otherwise stated herein; that the Vendor accepts the terms and conditions contained in the Solicitation, unless otherwise stated herein; that I am submitting this bid, offer or proposal for review and consideration; that I am authorized by the vendor to execute and submit this bid, offer, or proposal, or any documents related thereto on vendor's behalf; that I am authorized to bind the vendor in a contractual relationship; and that to the best of my knowledge, the vendor has properly registered with any State agency that may require registration.

By signing below, I further certify that I understand this Contract is subject to the provisions of West Virginia Code § 5A-3-62, which automatically voids certain contract clauses that violate State law.

ciauses mai violate state law.	
Dieffenbauch & Hritz, LLC	
Kelet L. Parme	Herbert L. Parsons III, Opeartions Manger
(Authorized Signature) (Represen	ntative Name, Title)
Herbert L. Parsons III / Operat (Printed Name and Title of Author)	
09/13/2021	
(Date)	
304-985-5555 / 304-985-5557	
(Phone Number) (Fax Number)	

West Virginia Ethics Commission Disclosure of Interested Parties to Contracts

(Required by W. Va. Code § 6D-1-2)

Name of Contracting Business Entity: Dieffenbauch & Hritz, LLC Address: 1095 Chaplin Road				
Suite 200				
Name of Authorized Agent: Herbert L. Parsons, III Address: Morgantown, WV 26501				
Contract Number: CEOI 0313 DEP2200000002 Contract Description: EOI - 2021 Group A Projects				
Governmental agency awarding contract: Department of Administration, Purchasing Division				
☑ Check here if this is a Supplemental Disclosure				
List the Names of Interested Parties to the contract which are known or reasonably anticipated by the contracting business entity for each category below (attach additional pages if necessary):				
 Subcontractors or other entities performing work or service under the Contract □ Check here if none, otherwise list entity/individual names below. 				
2. Any person or entity who owns 25% or more of contracting entity (not applicable to publicly traded entities) ☐ Check here if none, otherwise list entity/individual names below.				
3. Any person or entity that facilitated, or negotiated the terms of, the applicable contract (excluding legal services related to the negotiation or drafting of the applicable contract)				
☐ Check here if none, otherwise list entity/individual names below.				
Signature: Multi f. Date Signed: 09/13/2021				
Notary Verification				
State of West Virginia , County of Preston				
I, Herbert L. Parsons, III , the authorized agent of the contracting business				
entity listed above, being duly sworn, acknowledge that the Disclosure herein is being made under oath and under the penalty of perjury.				
Taken, sworn to and subscribed before me this				
To be completed by State Agency: Date Received by State Agency: Date submitted to Ethics Commission: Governmental agency submitting Disclosure: Notary Public's Signature OFFICIAL SEAL, NOTARY PUBLIC STATE OF WEST VIRGINIA KERRY C WESTFALL 75 Penny Lane Reedsville, West Virginia 26547 My Commission Expires Dec. 20, 2025 Revised June 8, 2018				

STATE OF WEST VIRGINIA Purchasing Division

PURCHASING AFFIDAVIT

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

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

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

DEFINITIONS:

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

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

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

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

WITNESS THE FOLLOWING SIGNATURE:

Vendor's Name: Dieffenbauch & Hritz, LLC	
Authorized Signature: Mullist The Date:	09/13/2021
State of West Virginia	
County of Preston to-wit:	
Taken, subscribed, and sworn to before me this 13 day of September	, 20 <u>21</u> .
My Commission expires December 20 , 20 25 ,	*1
AFFIX SEAL HERE OFFICIAL SEAL NOTARY PUBLIC NOTARY PUBLIC STATE OF WEST VIRGINIA KERRY C WESTFALL	Purchasidg Affidavit (Revised 01/19/2018)

75 Penny Lane Reedsville, West Virginia 26547 My Commission Expires Dec. 20, 2025