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Header @ 1

List View

General Information | Contact | Default Values | Discount | Document Information | Clarification Request

Procurement Folder: 1257505

Procurement Type: Central Purchase Order

Vendor ID: VS0000019973

Legal Name: DIEFFENBAUCH & HRITZ LLC

Alias/DBA:

Total Bid: \$350,000.00

Response Date: 08/31/2023

Response Time: 8:00

Responded By User ID: DandHLLC

First Name: Kerry

Last Name: Westfall

Email: kwestfall@dandengineers.c

Phone: 304-985-5555

SO Doc Code: CEOI

SO Dept: 0313

SO Doc ID: DEP2400000008

Published Date: 8/10/23

Close Date: 8/31/23

Close Time: 13:30

Status: Closed

Solicitation Description: EOI - 2023 AML Contract N4

Total of Header Attachments: 1

Total of All Attachments: 1

| Line | Comm Ln Desc | Qty | Unit Issue | Unit Price | Ln Total Or Contract Amount |
|------|-----------------------|-----|------------|------------|-----------------------------|
| 1 | Beech Bottom Highwall | | | | 50000.00 |

| Comm Code | Manufacturer | Specification | Model # |
|-----------|--------------|---------------|---------|
| 81100000 | | | |

Commodity Line Comments:

Extended Description:

Beech Bottom Highwall

| Line | Comm Ln Desc | Qty | Unit Issue | Unit Price | Ln Total Or Contract Amount |
|------|---|-----|------------|------------|-----------------------------|
| 2 | Bethany (Haizlett) DS, Highwall and AMD | | | | 50000.00 |

| Comm Code | Manufacturer | Specification | Model # |
|-----------|--------------|---------------|---------|
| 81100000 | | | |

Commodity Line Comments:

Extended Description:

Bethany (Haizlett) DS, Highwall and AMD

| Line | Comm Ln Desc | Qty | Unit Issue | Unit Price | Ln Total Or Contract Amount |
|------|------------------------|-----|------------|------------|-----------------------------|
| 3 | Buffalo Creek Highwall | | | | 50000.00 |

| Comm Code | Manufacturer | Specification | Model # |
|-----------|--------------|---------------|---------|
| 81100000 | | | |

Commodity Line Comments:

Extended Description:

Buffalo Creek Highwall

| Line | Comm Ln Desc | Qty | Unit Issue | Unit Price | Ln Total Or Contract Amount |
|------|------------------------|-----|------------|------------|-----------------------------|
| 4 | Crafts Run Maintenance | | | | 50000.00 |

| Comm Code | Manufacturer | Specification | Model # |
|-----------|--------------|---------------|---------|
| 81100000 | | | |

Commodity Line Comments:

Extended Description:

Crafts Run Maintenance

| Line | Comm Ln Desc | Qty | Unit Issue | Unit Price | Ln Total Or Contract Amount |
|------|--------------------|-----|------------|------------|-----------------------------|
| 5 | Logan Run Highwall | | | | 50000.00 |

| Comm Code | Manufacturer | Specification | Model # |
|-----------|--------------|---------------|---------|
| 81100000 | | | |

Commodity Line Comments:

Extended Description:

Logan Run Highwall

| Line | Comm Ln Desc | Qty | Unit Issue | Unit Price | Ln Total Or Contract Amount |
|------|---|-----|------------|------------|-----------------------------|
| 6 | Richard Mine Drainage Facility Upgrades | | | | 50000.00 |

| Comm Code | Manufacturer | Specification | Model # |
|-----------|--------------|---------------|---------|
| 81100000 | | | |

Commodity Line Comments:

Extended Description:

Richard Mine Drainage Facility Upgrades

| Line | Comm Ln Desc | Qty | Unit Issue | Unit Price | Ln Total Or Contract Amount |
|------|--------------------------------|-----|------------|------------|-----------------------------|
| 7 | Wades Run Dangerous Embankment | | | | 50000.00 |

| Comm Code | Manufacturer | Specification | Model # |
|-----------|--------------|---------------|---------|
| 81100000 | | | |

Commodity Line Comments:

Extended Description:

Wades Run Dangerous Embankment

EXPRESSION OF INTEREST & STATEMENT OF QUALIFICATIONS



DIEFFENBAUCH & HRITZ

EOI – 2023 AML CONTRACT NORTH 4 (CEOI 0313 DEP240000008)

Presented to:

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

August 31, 2023



DIEFFENBAUCH & HRITZ | 1095 Chaplin Road, Suite 200 / Morgantown, West Virginia 26501



DIEFFENBAUCH & HRITZ

DIEFFENBAUCH & HRITZ, LLC
1095 Chaplin Road Suite 200
Morgantown, WV 26501
Office: 304-985-5555
Fax: 304-985-5557

August 31, 2023

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

**RE: EOI – 2023 AML Contract North4
CEOI 0313 DEP240000008**

Dear Mr. Hager:

Dieffenbach & Hritz (D&H) is pleased to submit our qualifications to perform design services for the 2023 AML Contract North 4 project. Established in 2005 in Morgantown, WV, D&H is a full-service engineering firm of 65 employees with local office locations in Morgantown and Bridgeport, WV; during the last 18 years, D&H has been serving the regional interests of both the private and public sectors including the WV Department of Environmental Protection (WVDEP). As outlined in our Statement of Qualifications, D&H has successfully completed several similar projects in the past.

The 2023 AML Contract North 4 project will be managed in our Morgantown office. D&H has identified a Project Coordinator as a single point of contact and 4 qualified Project Managers with independent teams to work on the group of projects identified in the RFQ. Each team will include qualified staffing to support the assignments including CAD Professionals, Environmental Scientists, West Virginia registered Engineers, Surveyors & Geotechnical Engineers, Realty & Title Agents, and Construction Managers & Inspectors. In addition, we have similar staffing assistance in supporting offices to alleviate condensed schedules and meet critical deadlines.

Our experienced team will be led by the Project Coordinator Mr. Herbert L. Parsons, III, PE, PS who has more than 20 years of related engineering experience and has managed or supported numerous projects for the WVDEP AML Program. 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, who will serve as a project quality assurance and quality control manager as well as Mr. Eric Stewart D&H's Engineering Services Manager to oversee the Project Managers progress and deliverables.

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 me at (304) 985-5555.

Sincerely,

Herbert L. Parsons, III, PE, PS
President

Attachments



CONSULTANT QUESTIONNAIRE

WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION

AML CONSULTANT QUALIFICATION QUESTIONNAIRE

Attachment "A"

| | | | | | |
|--|--------------------------------|--|---|--|--|
| PROJECT NAME EOI - 2023 AML Contract N4 | | DATE (DAY, MONTH, YEAR) 31, August, 2023 | | FEIN 65-1257247 | |
| 1. FIRM NAME Dieffenbauch & Hritz, LLC | | 2. HOME OFFICE BUSINESS ADDRESS 1095 Chaplin Rd, Ste. 200 Morgantown, WV 26501 | | 3. FORMER FIRM NAME N/A | |
| 4. HOME OFFICE TELEPHONE 304-985-5555 | 5. ESTABLISHED (YEAR) 2005 | 6. TYPE OWNERSHIP Individual Corporation Partnership Joint-Venture | | 6a. WV REGISTERED DBE (Disadvantaged Business Enterprise) YES NO | |
| 7. PRIMARY AML DESIGN OFFICE: ADDRESS/ TELEPHONE/ PERSON IN CHARGE/ NO. AML DESIGN PERSONNEL EACH OFFICE 1095 Chaplin Rd., Ste. 200 Morgantown, WV 26501 / Herbert Parsons / 10 | | | | | |
| 8. NAMES OF PRINCIPAL OFFICERS OR MEMBERS OF FIRM Michael D. Hritz, PE - CEO John C Dieffenbauch, PE - CFO / Vice President | | | 8a. NAME, TITLE, & TELEPHONE NUMBER - OTHER PRINCIPALS Herbert Parsons, III, PE, PLS - President - 304-985-5555 Eric Stewart, PE - Vice President of Engineering 304-985-5555 | | |
| 9. PERSONNEL BY DISCIPLINE | | | | | |
| <u>3</u> ADMINISTRATIVE | <u>2</u> ECOLOGISTS | <u>2</u> LANDSCAPE ARCHITECTS | <u>1</u> STRUCTURAL ENGINEERS | | |
| <u> </u> ARCHITECTS | <u> </u> ECONOMISTS | <u>3</u> MECHANICAL ENGINEERS | <u>8</u> SURVEYORS | | |
| <u>5</u> BIOLOGIST | <u> </u> ELECTRICAL ENGINEERS | <u>2</u> MINING ENGINEERS | <u>2</u> TRAFFIC ENGINEERS | | |
| <u>8</u> CADD OPERATORS | <u>2</u> ENVIRONMENTALISTS | <u>3</u> PHOTOGRAMMETRISTS | <u> </u> OTHER | | |
| <u> </u> CHEMICAL ENGINEERS | <u>2</u> ESTIMATORS | <u> </u> PLANNERS: | | | |
| <u>8</u> CIVIL ENGINEERS | <u>2</u> GEOLOGISTS | URBAN/REGIONAL | | | |
| <u>4</u> CONSTRUCTION | <u> </u> HISTORIANS | <u>1</u> SANITARY ENGINEERS | | | |
| <u> </u> INSPECTORS | <u>3</u> HYDROLOGISTS | <u>65</u> TOTAL PERSONNEL | | | |
| <u>5</u> DESIGNERS | <u> </u> SOILS ENGINEERS | | | | |
| <u>4</u> DRAFTSMEN | <u> </u> SPECIFICATION | | | | |
| WRITERS | | | | | |
| TOTAL NUMBER OF WV REGISTERED PROFESSIONAL ENGINEERS IN PRIMARY OFFICE: <u>4</u> | | | | | |
| *RPEs other than Civil and Mining must provide supporting documentation that qualifies them to supervise and perform this type of work. | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| 10. HAS THIS JOINT-VENTURE WORKED TOGETHER BEFORE? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO | | | | | |

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

| | | |
|---|---|---|
| <p>NAME AND ADDRESS: Novel Geo-Environmental, Inc. (NGE) 650 MacCorkle Ave. St. Albans, WV 25108</p> | <p>SPECIALTY: Geotechnical Engineering</p> | <p>WORKED WITH BEFORE <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> |
| <p>NAME AND ADDRESS: National Right of Way 1400 Johnson Avenue, Suite 1C Bridgeport, WV 26330</p> | <p>SPECIALTY: Realty & Title Agent</p> | <p>WORKED WITH BEFORE <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> |
| <p>NAME AND ADDRESS:</p> | <p>SPECIALTY:</p> | <p>WORKED WITH BEFORE <input type="checkbox"/> Yes <input type="checkbox"/> No</p> |
| <p>NAME AND ADDRESS:</p> | <p>SPECIALTY:</p> | <p>WORKED WITH BEFORE <input type="checkbox"/> Yes <input type="checkbox"/> No</p> |
| <p>NAME AND ADDRESS:</p> | <p>SPECIALTY:</p> | <p>WORKED WITH BEFORE <input type="checkbox"/> Yes <input type="checkbox"/> No</p> |
| <p>NAME AND ADDRESS:</p> | <p>SPECIALTY:</p> | <p>WORKED WITH BEFORE <input type="checkbox"/> Yes <input type="checkbox"/> No</p> |
| <p>NAME AND ADDRESS:</p> | <p>SPECIALTY:</p> | <p>WORKED WITH BEFORE <input type="checkbox"/> Yes <input type="checkbox"/> No</p> |
| <p>NAME AND ADDRESS:</p> | <p>SPECIALTY:</p> | <p>WORKED WITH BEFORE <input type="checkbox"/> Yes <input type="checkbox"/> No</p> |
| <p>NAME AND ADDRESS:</p> | <p>SPECIALTY:</p> | <p>WORKED WITH BEFORE <input type="checkbox"/> Yes <input type="checkbox"/> No</p> |

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

YES Description and Number of Projects: Two current AML projects: Weston (Curtis) Landslide and Upland Harrison AMD & Drainage; and key personnel have previous AML experience and knowledge.

NO

B. 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

C. Is your firm experienced in hydrology and hydraulics?

YES Description and Number of Projects: Over 100 projects with storm water analysis, sediment and impoundment facilities 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 utilized aerial photography & contour mapping.

NO

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

YES Description and Number of Projects: Ten projects in recent years associated with domestic waterline design.

NO

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

YES Description and Number of Projects: No active or recent projects, however, several key personnel on this proposal have AMD experience and knowledge.

NO

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

| NAME & TITLE (Last, First, Middle Int.) | YEARS OF EXPERIENCE | | |
|---|---------------------------------|---|--|
| | YEARS OF AML DESIGN EXPERIENCE: | YEARS OF AML RELATED DESIGN EXPERIENCE: | YEARS OF DOMESTIC WATERLINE DESIGN EXPERIENCE: |
| Parsons, Herbert L. President | 5+ | 10+ | 20+ |

Brief Explanation of Responsibilities

Mr. Parsons will serve as the project coordinator and professional charge. With over 20 years experience in civil engineering and survey, Mr. Parsons has developed a broad experience in the public and private sectors and has lead teams on complex projects that has required coordination of multiple disciplines, agencies and stakeholders. Examples of his technical competency include: water resources, storm water management, road design and survey experience.

EDUCATION (Degree, Year, Specialization)

Bachelor of Science, 1994, Civil Engineering

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS

WV Society of Professional Surveyors
West Virginia Gas and Oil Association (GO-WV)

REGISTRATION (Type, Year, State)

Professional Engineer: 1999 VA/2022 WV/2002 PA/2020 OH
Professional Surveyor: 2007 VA/2013 NC/2015 PA/ 2017 VA

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

| NAME & TITLE (Last, First, Middle Int.) | YEARS OF EXPERIENCE | | |
|---|---------------------------------|---|--|
| | YEARS OF AML DESIGN EXPERIENCE: | YEARS OF AML RELATED DESIGN EXPERIENCE: | YEARS OF DOMESTIC WATERLINE DESIGN EXPERIENCE: |
| Stewart, Eric N. Vice President of Engineering | 0 | 10+ | 5+ |

Brief Explanation of Responsibilities

With 20 years of experience in civil and environmental engineering field and 16 years of project management experience, Mr. Stewart is assigned professional charge and is responsible for all aspects of engineering and design. He coordinates procedures as well as works closely with clients and regulatory agencies to ensure D&H is at the forefront of design and regulatory adherence.

EDUCATION (Degree, Year, Specialization)

Bachelor of Science, 2003, Civil Engineering

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS

West Virginia Gas and Oil Association (GO-WV)
Pennsylvania Independent Oil and Gas Association (PIOGA)

REGISTRATION (Type, Year, State)

Professional Engineer: 2007 VA/ 2009 WV/ 2010 NC/
2018 PA / 2019 OH/ 2023 TN/ 2023 MD/ 2023 SC

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

| NAME & TITLE (Last, First, Middle Int.) | YEARS OF EXPERIENCE | | |
|---|---------------------------------|---|--|
| | YEARS OF AML DESIGN EXPERIENCE: | YEARS OF AML RELATED DESIGN EXPERIENCE: | YEARS OF DOMESTIC WATERLINE DESIGN EXPERIENCE: |
| Martin, Jordan L. Project Manager | 0 | 5+ | 5+ |

Brief Explanation of Responsibilities

With over ten years experience, Mr. Martin has gained valuable experience in civil, environmental and transportation engineering. Mr. Martin is one of the lead project design engineers and project managers. He has accumulated a broad range of experience in regulatory planning, site construction and design. Throughout his career he has gained valuable experience in transportation, environmental compliance, water resources and geotechnical in OH, PA and WV.

EDUCATION (Degree, Year, Specialization)

Bachelor of Science, 2012, Civil Engineering Technology
 Associates of Science, 2010, Computerized Drafting and Design

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS

REGISTRATION (Type, Year, State)

Professional Engineer: 2020 WV

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

| NAME & TITLE (Last, First, Middle Int.) | YEARS OF EXPERIENCE | | |
|---|---------------------------------|---|--|
| | YEARS OF AML DESIGN EXPERIENCE: | YEARS OF AML RELATED DESIGN EXPERIENCE: | YEARS OF DOMESTIC WATERLINE DESIGN EXPERIENCE: |
| Osborn, James R. Project Manager | 5 | 15+ | 5+ |

Brief Explanation of Responsibilities

With more than 20 years experience, Mr. Osborne has a diverse range of experience in the field of mining, architecture, civil and structural engineering which includes strip mine permitting and mapping, planning and feasibility studies, construction estimates, environmental permitting and retaining wall design. As a project manager, Mr. Osborne will oversee all aspects of the project development including client meetings, staff coordination and quality assurance.

EDUCATION (Degree, Year, Specialization)

Bachelor of Science, 2010 Engineering Technology
 Associates of Applied Science, 1999, Design and Drafting Technology

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS

REGISTRATION (Type, Year, State)

Professional Engineer: 2020 VA
 Register Architect: 2017 MD/ 2020 VA/ 2021 TN/ 2022 WV

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

| NAME & TITLE (Last, First, Middle Int.) | YEARS OF EXPERIENCE | | |
|---|---------------------------------|---|--|
| | YEARS OF AML DESIGN EXPERIENCE: | YEARS OF AML RELATED DESIGN EXPERIENCE: | YEARS OF DOMESTIC WATERLINE DESIGN EXPERIENCE: |
| Bostic, Brennan L. Project Manager | 0 | 5+ | 5+ |

Brief Explanation of Responsibilities

Mr. Bostic has accumulated over 10 years experience in mine permitting, civil and environmental engineering. Mr. Bostic is one of the lead project design engineers and project managers. He has a broad range of experience in regulatory, planning, site construction and design.

EDUCATION (Degree, Year, Specialization)
 Bachelor of Science, 2012, Civil Engineering
 Associate of Applied Science, 2010, Engineering

| | |
|---|---|
| MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS | REGISTRATION (Type, Year, State) Professional Engineer: VA 2021 / WV 2022 |
|---|---|

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

| NAME & TITLE (Last, First, Middle Int.) | YEARS OF EXPERIENCE | | |
|---|---------------------------------|---|--|
| | YEARS OF AML DESIGN EXPERIENCE: | YEARS OF AML RELATED DESIGN EXPERIENCE: | YEARS OF DOMESTIC WATERLINE DESIGN EXPERIENCE: |
| Bailes, Brent K. Project Manager | 0 | 15+ | 10+ |

Brief Explanation of Responsibilities

With more than 10 years of project management experience in civil design, Mr. Bailes has developed a broad base and extensive project development with public and private sector clients. He has lead teams of designers on complex projects that require coordination of disciplines, technical studies and environmental permitting.

EDUCATION (Degree, Year, Specialization)
 Bachelor of Science, 2005, Landscape Architecture

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

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

| NAME & TITLE (Last, First, Middle Int.) | YEARS OF EXPERIENCE | | |
|---|---------------------------------|---|--|
| | YEARS OF AML DESIGN EXPERIENCE: | YEARS OF AML RELATED DESIGN EXPERIENCE: | YEARS OF DOMESTIC WATERLINE DESIGN EXPERIENCE: |
| Attardi, Vincent J. Environmental Services Manager | 5 | 20+ | 5+ |

Brief Explanation of Responsibilities
 Mr. Attardi has over 40 years experience conducting environmental and ecological investigations. As the environmental services manager, Mr. Attardi has overseen more than 150 environmental investigations. A leading expert in project permitting under Sections 404 & 401 of the Clean Water Act (CWA). He is proficient in wetland and stream delineation, endangered species habitat assessments, botanical surveys, soils assessments, NEPA documents and other natural resource investigations.

EDUCATION (Degree, Year, Specialization)
 Bachelor of Science, 1981, Marine Science / Biology
 Master of Science, 1992, Biology

| MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS | REGISTRATION (Type, Year, State) |
|---|--------------------------------------|
| Society of Wetland Scientist Pennsylvania Association of Sewage Enforcement Officers | Sewage Enforcement Officer: 2015, PA |

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

| NAME & TITLE (Last, First, Middle Int.) | YEARS OF EXPERIENCE | | |
|--|---------------------------------|---|--|
| | YEARS OF AML DESIGN EXPERIENCE: | YEARS OF AML RELATED DESIGN EXPERIENCE: | YEARS OF DOMESTIC WATERLINE DESIGN EXPERIENCE: |
| Littler, Jason H. Survey Services Manager | 5+ | 10+ | 0 |

Brief Explanation of Responsibilities
 With more than 15 years of project management experience in civil engineering and survey, Mr. Littler has lead teams on a variety of complex projects. Specific areas of focus include surveying renewable energy & conventional energy, utilities & transportation. He has been responsible charge on multiple survey projects including ALTA/ASCM title survey and boundary survey.

EDUCATION (Degree, Year, Specialization)
 Bachelor of Science, 1996, Engineering Technology and Survey
 Associates of Science, 1995, Civil Engineering

| MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS | REGISTRATION (Type, Year, State) |
|---|--|
| West Virginia Society of Professional Surveyors | Professional Surveyor: 2019 WV / 2022 PA |

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

| NAME & TITLE (Last, First, Middle Int.) | YEARS OF EXPERIENCE | | |
|--|---------------------------------|---|--|
| | YEARS OF AML DESIGN EXPERIENCE: | YEARS OF AML RELATED DESIGN EXPERIENCE: | YEARS OF DOMESTIC WATERLINE DESIGN EXPERIENCE: |
| Smith, Robyn E. Construction Services Manager | 5+ | 25+ | 5+ |

Brief Explanation of Responsibilities

Mr. Smith has over 35 years experience in the civil, mining and construction management fields. As the construction manager, Mr. Smith is responsible for the management of construction services including construction compliance, inspections, construction management, construction sequencing and optimization, contractor management, project management and project completion of the construction phase.

EDUCATION (Degree, Year, Specialization)

Bachelor of Science, 1994, Mining Engineering

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

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

| NAME & TITLE (Last, First, Middle Int.) | YEARS OF EXPERIENCE | | |
|---|---------------------------------|---|--|
| | YEARS OF AML DESIGN EXPERIENCE: | YEARS OF AML RELATED DESIGN EXPERIENCE: | YEARS OF DOMESTIC WATERLINE DESIGN EXPERIENCE: |
| Hritz, Michael D. CEO / QA/QC | 3+ | 10+ | 25+ |

Brief Explanation of Responsibilities

Mr. Hritz is responsible for overseeing and assuring quality of deliverable. As assigned professional charge, Mr. Hritz provides an independent review of deliverables. The process assures unbiased results and quality deliverables.

EDUCATION (Degree, Year, Specialization)

Bachelor of Science, 1991, Civil Engineering

| | |
|---|--|
| MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS | REGISTRATION (Type, Year, State) |
| West Virginia Gas and Oil Association (GO-WV) Pennsylvania Independent Oil and Gas Association (PIOGA) | Professional Engineer: 1997 PA/ 1999 WV/ 2013 NC |

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

| NAME & TITLE (Last, First, Middle Int.) | YEARS OF EXPERIENCE | | |
|--|---------------------------------|---|--|
| | YEARS OF AML DESIGN EXPERIENCE: | YEARS OF AML RELATED DESIGN EXPERIENCE: | YEARS OF DOMESTIC WATERLINE DESIGN EXPERIENCE: |
| Brown, Kelly J. Environmental Scientist | 0+ | 5+ | 0 |

Brief Explanation of Responsibilities

Ms. Brown will complete necessary field work and reporting for this project including stream/wetland delineation, habitat assessments, prepare biological inventories and NEPA documentation and permit applications as needed.

EDUCATION (Degree, Year, Specialization)

Masters of Science, 2019, Agricultural Natural Resources and Design
 Bachelor of Science, 2009, Biology

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

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

| NAME & TITLE (Last, First, Middle Int.) | YEARS OF EXPERIENCE | | |
|---|---------------------------------|---|--|
| | YEARS OF AML DESIGN EXPERIENCE: | YEARS OF AML RELATED DESIGN EXPERIENCE: | YEARS OF DOMESTIC WATERLINE DESIGN EXPERIENCE: |
| Carpenter, Stacy A. Survey Project Manager | 5+ | 5+ | 0 |

Brief Explanation of Responsibilities

Mr. Carpenter has accumulated more than 20 years of survey experience. As the survey project manager, Mr. Carpenter will serve as a liaison between clients, agencies, subcontractors, and the survey team for all survey related project tasks. He will manage the survey related tasks to ensure quality and efficiency and provide oversight to the survey team.

EDUCATION (Degree, Year, Specialization)

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

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

| NAME & TITLE (Last, First, Middle Int.) | YEARS OF EXPERIENCE | | |
|--|---------------------------------|---|--|
| | YEARS OF AML DESIGN EXPERIENCE: | YEARS OF AML RELATED DESIGN EXPERIENCE: | YEARS OF DOMESTIC WATERLINE DESIGN EXPERIENCE: |
| Durtisky, Gabriella L. Construction Coordinator | 0 | 5+ | 0 |

Brief Explanation of Responsibilities

Ms. Duritsky will serve as the construction coordinator. As the construction coordinator, Ms. Duritsky will provide oversight of the inspectors performance, provide weekly field visits and provide updates of project construction status to the project coordinator.

EDUCATION (Degree, Year, Specialization)

Associates of Science, 2010, Animal Science

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

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

| NAME & TITLE (Last, First, Middle Int.) | YEARS OF EXPERIENCE | | |
|---|---------------------------------|---|--|
| | YEARS OF AML DESIGN EXPERIENCE: | YEARS OF AML RELATED DESIGN EXPERIENCE: | YEARS OF DOMESTIC WATERLINE DESIGN EXPERIENCE: |
| | | | |

Brief Explanation of Responsibilities

EDUCATION (Degree, Year, Specialization)

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

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

Autodesk AEC Software (AutoCAD Map 2022, Civil 3D 2022)

Carlson Software

Microstation V8i Select Series 4

InRoads Select Series 2

HydroCAD

HY8

ESRI Arcmap 10.5

Trimble Business Center

Trimble Path Finder Office

Adobe Acrobat Standard

Microsoft Office

Pix4D

UGCS

Trimble R-8, R-10 and R-12 GPS's

Trimble S5 and S6 Robotic Total Station

Nicon Total Station

Topcon Total Station

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 |
|--|--|--|--|------------------|
| 2022 AML Contract 7 - Weston (Curtis) Landslide Weston, WV | WV DEP - Office of Abandoned Mine Lands & Reclamation Bridgeport, WV | Engineering design, environmental, realty, survey & construction management. | \$820,350 | 30% |
| 2022 AML Contract 7 - Upland Run (Harrison) AMD & Drainage Weston, WV | WV DEP - Office of Abandoned Mine Lands & Reclamation Bridgeport, WV | Engineering design, environmental, realty, survey & construction management. | \$713,228 | 30% |
| US Route 33 Repave Roadway Construction Upshur County, WV | JF Allen Company 2133 Old Weston Road Buckhannon, WV | Engineering Design and Permitting, Survey Layout & Mobile LiDar Scanning Services. | \$11,000,000 | 30% |
| 2023 AGS and SGS Slip Repair Slip Repair Permitting Various Counties, WV | DT Midstream One Energy Plaza Detroit, MI | Storm water permitting, environmental field investigations. | N/A | 20% |
| 2023 Stockpile UAV Survey Flight mapping Monongalia County, WV | Longview Power, LLC 1000 Fort Martin Industrial Park Road Maudsville, WV | Volume survey, aerial data collection, flight mapping | N/A | 50% |
| NV113 Well Site Engineering Services Air Bridge Design Greene County, PA | CNX Gas Company, LLC 1000 CONSOL Energy Dr. Canonsburg, PA | Civil and structural engineering design of air bridge. | \$75,000 | 75% |
| Morris to McQuay Pipeline Highwall Remediation Greene County, PA | CNX Gas Company, LLC 1000 CONSOL Energy Dr. Canonsburg, PA | Site & traffic maintenance, construction inspection. | \$500,000 | 95% |
| TOTAL NUMBER OF PROJECTS: | | | TOTAL ESTIMATED CONSTRUCTION COSTS: \$ | |

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 |
|--|--|--|--|------------------|
| 2023 Survey & Design Services Pipeline Replacement Various locations, WV | Hope Gas, Inc. 8151 Webster Road Summersville, WV | Pipeline survey and design of replacement pipeline. | Varies | 85% |
| 2023 Landslide Plans Williams Slip Repair Various Locations, WV | Williams Ohio Valley Midstream 200 Commerce Drive Pittsburgh, PA | Engineering and environmental services for landslide slip repairs. | Varies | 80% |
| 2023 Magnetometer & Anomaly Survey Various Locations, WV & PA | EQT Production 400 Woodcliff Drive Canonsburg, PA | UAV investigation of abandoned gas wells. | Varies | 10% |
| Morgantown Connector Environmental Permitting Marion / Mon County, WV | Private | Environmental Permitting and Inspection Services | \$50,000,000 | 25% |
| MAJ10 Retaining Wall Engineering design Marshall County, WV | CNX Gas Company, LLC 1000 CONSOL Energy Dr. Canonsburg, PA | Civil, survey and structural design of retaining wall | \$950,000 | 75% |
| NV-113 Bridge Civil Design Greene County, PA | CNX Gas Company, LLC 1000 CONSOL Energy Dr. Canonsburg, PA | Civil, survey, permitting, structural design 30' span bridge. | \$1,250,000 | 75% |
| DTM Slope Repairs Slope repair & permitting Various Locations , WV | DT Midstream One Energy Plaza Detroit, MI | Engineering and environmental services for landslide slip repairs | Varies | 50% |
| TOTAL NUMBER OF PROJECTS: D&H is currently working on multiple projects, for the purpose of this EOI, a sample of recent projects are listed. | | | TOTAL ESTIMATED CONSTRUCTION COSTS: \$ | |

16. CURRENT ACTIVITIES ON WHICH YOUR FIRM IS SERVING AS A SUB-CONSULTANT TO OTHERS

| PROJECT NAME, TYPE AND LOCATION | NATURE OF FIRMS RESPONSIBILITY | NAME AND ADDRESS OF OWNER | ESTIMATED COMPLETION DATE | ESTIMATED CONSTRUCTION COST | |
|--|--|--|---------------------------|-----------------------------|---------------------------|
| | | | | ENTIRE PROJECT | YOUR FIRMS RESPONSIBILITY |
| CFX - WV 16 - Pinevilleville Transportation Wyoming County, WV | Engineering design and survey services. | TRC Engineering 135 Corporate Center Drive Scott Depot, WV | 12/2023 | Unknown | \$250,000 |
| NV110 Waterline Inspection Services Greene County, PA | Construction management oversight inspection | NGE, Inc. 171 Montour Run Road Moon Township, PA | 2023 | Unknown | \$55,000 |
| | | | | | |
| | | | | | |
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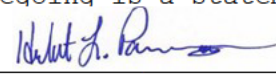
| 17. COMPLETED WORK WITHIN LAST 5 YEARS ON WHICH YOUR FIRM WAS THE DESIGNATED ENGINEER OF RECORD | | | | |
|---|---|-----------------------------|------------|-------------------------|
| PROJECT NAME, TYPE AND LOCATION | NAME AND ADDRESS OF OWNER | ESTIMATED CONSTRUCTION COST | YEAR | CONSTRUCTED (YES OR NO) |
| EQT WV Waterline System Waterline Project Marion & Wetzel Counties, WV | EQT Production 400 Woodcliff Drive Canonsburg, PA | \$16 Million | 2021-2022 | No |
| Dominion Survey & Design Services Oil & Gas Various Counties, WV | Dominion Energy WV 8151 Webster Road Summersville, WV | Unknown | 2020-2022 | Yes |
| Uppers Decker's Creek Dam Rehabilitation Preston County, WV | Triton Construction, Inc. 47443 National Rd., Ste 3 St. Clairsville, OH | Unknown | 2020 | Yes |
| Premier Nissan Land Development Monongalia County, WV | Premier Nissan Automotive Group 5392 University Town Center Drive Morgantown, WV | 1.2 Million | 2019-2022 | Yes |
| EQT (50+) Well Pad Projects / Oil & Gas Various counties: PA & WV | EQT Production 400 Woodcliff Drive Canonsburg, PA | Varies | 2016-2022 | |
| CNX (150+) Well Pad Projects / Oil & Gas Various counties: PA & WV | CNX Gas Company, LLC 1000 Consol Energy Drive Canonsburg, PA | Varies | 2012-2022 | |
| CNX Pipeline Design and Modification (30+ miles) Various counties: PA & WV | CNX Midstream Operating Group 1000 Consol Energy Drive Canonsburg, PA | Varies | 2014-2022` | |
| Landslide Plans Williams Slip Repair Various Locations: WV | Williams Ohio Valley Midstream 200 Commerce Drive Pittsburgh, PA | Varies | 2019-2022 | Yes |

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

| PROJECT NAME, TYPE AND LOCATION | NAME AND ADDRESS OF OWNER | ESTIMATED CONSTRUCTION COST OF YOUR FIRM'S PORTION | YEAR | CONSTRUCTED (YES OR NO) | FIRM ASSOCIATED WITH |
|---|---------------------------|--|-------------|-------------------------|--------------------------------|
| CFX, WV16 to Mullens #1 Transportation McDowell/Wyoming, WV | WV DOH | \$800,000 | 2021 - 2022 | No | TRC Engineering |
| Goodson Street Bridge Structure / Transportation Bristol, VA | City of Bristol, VA | \$36,000 | 2021 | No | Whitman, Requardt & Associates |
| Oak Street Structure / Transportation Bristol, VA | City of Bristol, VA | \$36,000 | 2021 | No | Whitman, Requardt & Associates |
| MLK, Jr. Blvd. Transportation Bristol, VA | City of Bristol, VA | \$60,000 | 2021 | No | Whitman, Requardt & Associates |
| Stuart Recreation Waterline Design / Permitting Randolph County, WV | USFS | \$17,000 | 2019-2021 | Yes | AJ Burk |
| Hampshire Gas Pipeline Replacement Oil & Gas Hampshire County, WV | Hampshire Gas | \$54,000 | 2019 | Yes | Ryan Environmental, LLC |

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

20. The foregoing is a statement of facts.

Signature:  Title: President Date: 08/23/2023

Printed Name: Herbert L. Parsons, III PE, PLS

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

| PROJECT NAME, TYPE AND LOCATION | NAME AND ADDRESS OF OWNER | ESTIMATED CONSTRUCTION COST OF YOUR FIRM'S PORTION | YEAR | CONSTRUCTED (YES OR NO) | FIRM ASSOCIATED WITH |
|--|---|--|------|-------------------------|-----------------------------|
| 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 |
| Owl Creek Highwall Geotechnical Investigation Monongalia Co, WV | WVDEP | Unknown | 2021 | No | The Thrasher Group |
| Gimlett Hollow Overpass, Geotechnical Investigation Huntington, WV | WV Department of Highways Charleston, WV | Unknown | 2022 | No | Mead & Hunt |

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

20. The foregoing is a statement of facts.

Signature: John E. Nottingham

Title: President (NGE)

Date: August 21, 2023

Printed Name: John E. Nottingham

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

| PROJECT NAME, TYPE AND LOCATION | NAME AND ADDRESS OF OWNER | ESTIMATED CONSTRUCTION COST OF YOUR FIRM'S PORTION | YEAR | CONSTRUCTED (YES OR NO) | FIRM ASSOCIATED WITH |
|--|---|--|-----------|-------------------------|--|
| Clear Water Treatment Facility Site Acquisition Doddridge County, WV | Antero Resources 1615 Wynkoop St Denver, Co 80202 | Unknown | 2018-2019 | Yes | Antero Midstream |
| Acquisition of approx. 150 miles of gathering and compression pipelines in various counties in WV. | Antero Midstream 535 White Oaks Blvd Bridgeport, WV 26330 | Unknown | 2022 | Yes | Antero Midstream |
| Energy plant site acquisition Doddridge County, WV | Competitive Power Ventures 50 Braintree Hill Park Braintree, MA 02184 | Unknown | 2021 | No | CPV 50 Braintree Hill Park Braintree, MA 02184 |
| Torry's Peak Compressor Site acquisition Wetzel County, WV | Antero Midstream 535 White Oaks Blvd Bridgeport, WV 26330 | Unknown | 2022 | Yes | Antero Midstream |
| River Road Repair WVDOH Road Relocation Slip Repair Project Monongalia Co, WV | FirstEnergy (WVDOH Project) 350 Middletown Road Fairmont, WV | Unknown | 2022 | Yes | FirstEnergy |
| Young Life Complex Electric Service Easement Acquisitions Nicholas County, WV | FirstEnergy 350 Middletown Road Fairmont, WV | Unknown | 2020 | Yes | FirstEnergy |

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.

National Right of Way Land Service, LLC is a full service land company with 12 years experience in WV. Services include: acquisitions, negotiations, landowner outreach, engineering support services, damage settlement.

20. The foregoing is a statement of facts.

Signature: Ann Davey
Printed Name: Ann Davey

Title: President (NROW)

Date: August 20, 2023

B

AML RELATED PROJECT
EXPERIENCE MATRIX

AML and RELATED PROJECT EXPERIENCE MATRIX

| PROJECT | Exp. Basis C Corp. P Personnel | Additional Info Provided in Section (s) | PROJECT EXPERIENCE REQUIREMENTS | | | | | | | | | | | | | | PRIMARY STAFF PARTICIPATION/CAPACITY *** M=Management P=Professional | | | | | | |
|---|--------------------------------------|---|---------------------------------------|------------------------------------|----------------------|--------------------------------------|---------------------|-------------------------------|--|-----------------------------|------------------------|--|---|-----------------|--------------------------------|--------------------|---|--------------------------------|---------------------|-------------------|-------------|-----------------|------------------------|
| | | | Abandoned Surface Mine Reclamation | Abandoned Deep Mine Reclamation | Portal/Shaft Closure | Hydrologic/Hydraulic Design/Eval. | Remining Evaluation | Mine/Refuse Fire Abatement | Subsidence Investigation Mitigation | Hazardous Waste Disposal | Project Specifications | Water Quality Evaluation/Mitigation/ Replacement | Construction Inspection/ Management | Water Treatment | Equipment/Structure Removal | Stream Restoration | Geotechnical/Stability | Herbert L. Parsons, PE, PLS | Eric N. Stewart, PE | Jason Litter, PLS | Robyn Smith | Vincent Altandi | Other D&H Personnel |
| | | | | | | | | | | | | | | | | | | | | | | | |
| AML Contract 7 - Weston (Curtis) Landslide | C & P | | | X | | | | | | X | X | X | | | | X | M | P | M | P | P | P | |
| AML Contract 7 - Upland Run (Harrison) AMD & Drainage | C & P | | | X | | X | | | | X | X | X | | | X | X | M | P | M | P | P | P | |
| Survey Streams | C & P | | | X | | | | | X | | | | | | | | M & P | | M & P | | | P | |
| Holding Pond Treatment | C & P | | | | | | | | | | X | | X | | | | | | | | M & P | P | |
| Water Sampling Collection | C & P | | | X | | | | | | | X | | X | | | | | | | | M & P | P | |
| WV DEP AML - Sauif's Run Landslide | P | | | | | X | | | | X | | | | | | X | P | | P | | | | |
| WV DEP - Tubs Run Highwall and Refuse Phase I | P | | X | | | X | | | | X | | | | | | X | P | | P | | | | |
| WV DEP - Sandy Run Highway Portals | P | | X | X | X | X | | | | X | | | | | | X | P | | P | | | | |
| WV DEP AML - Pageton Portals | P | | | | X | X | | | | X | | | | | | X | P | | P | | | | |
| WV DEP - Hampton No Four Maintenance | P | | | | | X | | | | X | | | | | | X | P | | P | | | | |
| WV DEP AML - Church Creek / Manown Highwall | P | | X | | | X | | | | X | | | | | | X | P | | P | | | | |
| CONSOL - PA Legacy Operations | C & P | | | | | X | | | | | X | X | X | X | | | | | | | | P | |
| ERP - Martinka Complex | C & P | | | | | | | | | | X | X | X | X | | | | M | | | | P | |
| EQT - Tuna Nut Well Pad | C&P | X | | | | | | | X | | | X | | | | | | | | M | | P | |
| EQT - Haymaker Well Pad | C&P | X | | | | | | | X | | | X | | | | | | | | M | | P | |
| EQT - Taco Cat | C&P | X | | | | | | | X | | | X | | | | | | | | M | | P | |
| Humphrey Impoundment and Refuse Area | C&P | | | | | X | X | | | X | X | X | X | X | | | | | | | | M&P | |
| Barrackville Refuse Area & Surface Mine | C&P | | | | | X | X | | X | X | X | X | X | X | | | | | | | | M&P | |
| Grant Town Refuse Area & Power Plant | C&P | | | | | X | X | | X | X | X | X | X | X | | | | | | | | M&P | |
| Farmington Refuse Area | C&P | | | | | X | X | | X | X | X | X | X | X | | | | | | | | M&P | |
| Williams No 2 Refuse Area | C&P | | | | | X | X | | X | X | X | X | X | X | | | | | | | | M&P | |
| Boissevain Shaft | P | | | X | X | | | | X | | | | X | | X | | | | | | | P | |
| Various Well Pads | C | | | | | X | | | | X | X | X | X | | X | X | M | M | P | P | P | P | |
| Various Pipelines | C | | | | | X | | | | X | X | X | X | | X | X | M | M | P | P | P | P | |

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

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

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

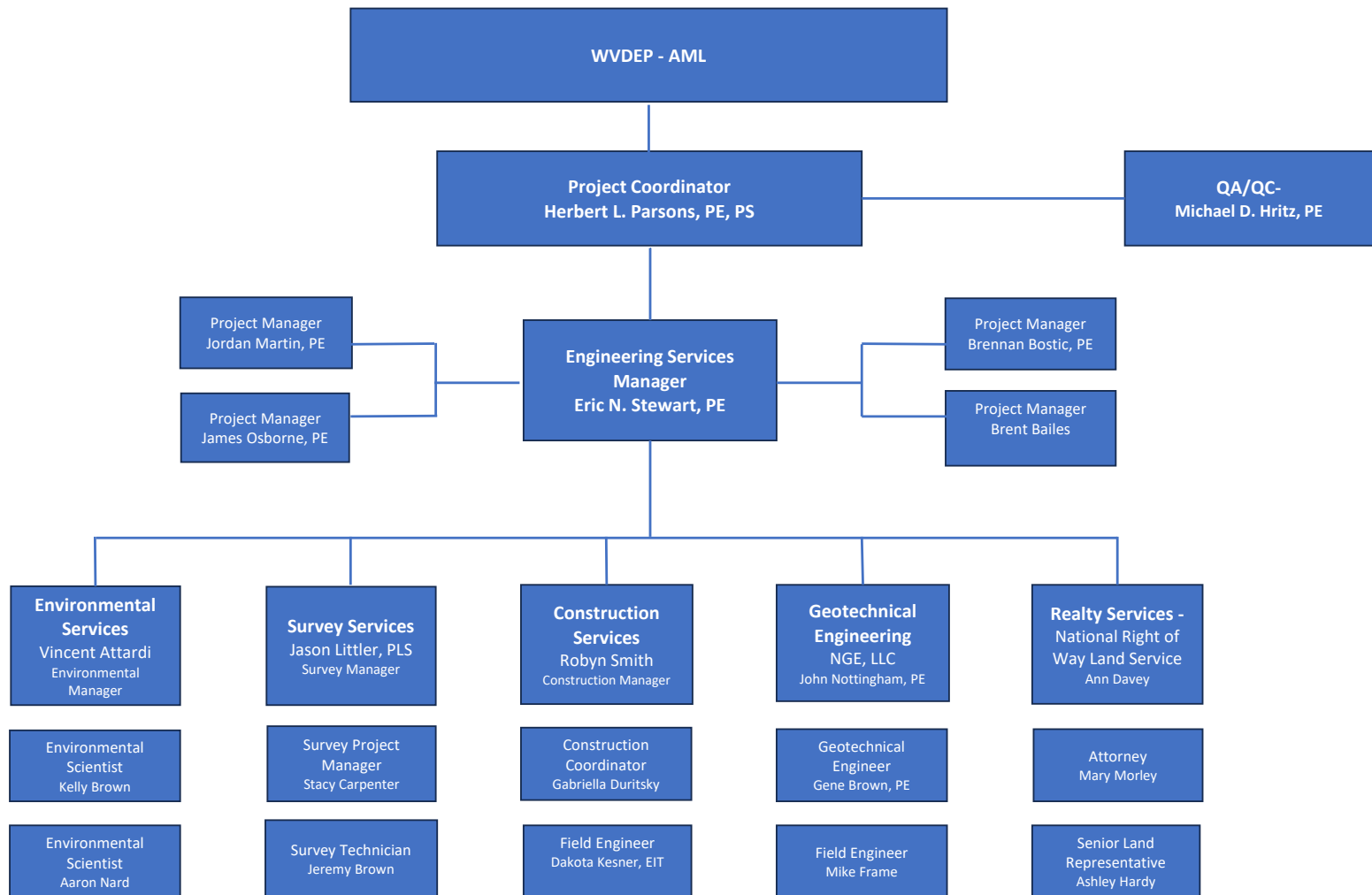
AML and RELATED PROJECT EXPERIENCE MATRIX

| PROJECT | Exp. Basis C=Corp. P=Personnel * | Additional Info Provided in Section (s) ** | PROJECT EXPERIENCE REQUIREMENTS | | | | | | | | | | | | | | PRIMARY STAFF PARTICIPATION/CAPACITY *** M=Management P=Professional | | | | | |
|--------------------------|---|---|---------------------------------------|------------------------------------|----------------------|--------------------------------------|---------------------|-------------------------------|---|-----------------------------|------------------------|--|---|-----------------|--------------------------------|--------------------|---|-----------------|------------|--------------|------------|------------------|
| | | | Abandoned Surface Mine Reclamation | Abandoned Deep Mine Reclamation | Portal/Shaft Closure | Hydrologic/Hydraulic Design/Eval. | Remining Evaluation | Mine/Refuse Fire Abatement | Subsidence Investigation Mitigation | Hazardous Waste Disposal | Project Specifications | Water Quality Evaluation/Nitigation/ Replacement | Construction Inspection/Managem ent | Water Treatment | Equipment/Structure Removal | Stream Restoration | Geotechnical/Stability | John Nottingham | Gene Brown | Noah Stevens | Mike Frame | Chuck Montgomery |
| Long Run #3 AML | P | | x | x | x | | | | x | | | | | | | x | M | M | P | | P | P |
| Kuhns Run Park Portals | P | | | x | | | | | x | | | | | | | x | M | M | P | | P | P |
| Ivy Branch AML | P | | | x | x | | | | x | | | | x | | | x | M | P | | P | P | P |
| Owl Creek Highwall | P | | x | | | | | | x | | | | | | | x | M | P | P | P | P | P |
| Sullivan Refuse AML | P | | | x | | | | | x | | | | | | | x | | M | | P | P | P |
| Nutter Run Landslide | P | | x | | | | | | x | | | | | | | x | M | P | P | P | P | P |
| Isaac Creek Landslide | P | | x | x | | | | | x | | | | | | | x | M | P | P | P | P | P |
| North Matewan Drilling | P | | x | | | | | | x | | | | | | | x | | M | | P | P | P |
| Ridgeway Drive Landslide | P | | x | | | | | | x | | | | | | | x | M | M | P | | P | P |
| Sauls Run Bennet Slide | P | | x | | | | | | x | | | | | | | x | | M | | | P | P |
| Craigmoor Landslide | P | | x | | | | | | x | | | | | | | x | | M | | P | P | P |
| Crooked Run | P | | x | | | | | | x | | | | | | | x | | M | | | P | P |
| Elkhurst Landslide | P | | x | | | | | | x | | | | | | | x | | M | | | P | P |

* List whether project experience is corporate or personnel based or both.
 ** Use this area to provide specific sections or pages if needed for reference.
 *** List Primary Design personnel and their functional capacity for the projects listed.

C

RESUMES OF KEY PERSONNEL



President

Herbert L. Parsons III, PE, PLS

Project Coordinator



DIEFFENBAUCH & HRITZ

Mr. Parsons has accumulated more than 25 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 led 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, transportation projects, utilities, hydrologic and hydraulic studies, commercial and residential site planning, erosion and sediment control plans and permit documents.

Company Role, President:

As the Company President, Mr. Parsons is the professional responsible in charge for engineering and survey projects. As the responsible charge, he oversees and assures the quality of deliverables and the management practices of all disciplines within the Company which includes overseeing critical events, attending client and / or stockholder meetings as well as participating in kick-off and milestone meetings, prepares project specific quality control plans and project execution plans.

Project Role, Project Coordinator:

As the Project Coordinator, Mr. Parsons will be the Engineer of Record for design for this project. He will participate in the initial site planning meetings, scoping meetings, cost negotiations, surveying, subsurface investigation review, realty contracts and negotiations, engineering design plan and review and construction administration and certification.

Summary of Experience:

Upland Run AMD, WVDEP Office of Abandoned Mine Lands and Reclamation, Weston, Lewis County, WV

This project is currently in an active status with the WVDEP (D&H received notice to proceed on July 26, 2023). Mr. Parsons has been assigned the Project Coordinator Role and will be the Engineer of Record for design. He will participate in the initial site planning meetings, scoping meetings, cost negotiations, surveying, subsurface investigation review, Realty contacts and negotiations, engineering design plan and review and construction administration and certification of the final project.

DETAILS AND ACHIEVEMENTS

Experience

Total: 25 years

With D&H: 10 years

Education

B.S. Civil Engineering,
Virginia Military Institute

PROFESSIONAL REGISTRATIONS

Professional Surveyor

WV – No. 2361

VA – No. 002895

PA – No. SU75498

NC – No. L-5100

Professional Engineer

WV – No. 15279

VA – No. 33680

PA – No. PE70521

OH – No. 85335

CORPORATE AFFILIATIONS

- WV Society of

Professional Surveyors

- Gas & Oil Association of
West Virginia (GO-WV)

- Pennsylvania Independent
Oil and Gas Association
(PIOGA)

President

Herbert L. Parsons III, PE, PLS

Project Coordinator



DIEFFENBAUCH & HRITZ

Weston (Curtis) Landslide, WVDEP Office of Abandoned Mine Lands and Reclamation, Weston, Lewis County, WV

This project is currently in an active status with the WVDEP. Mr. Parsons is assigned the Project Coordinator Role and will be the Engineer of Record for design. He will participate in the initial site planning meetings, scoping meetings, cost negotiations, surveying, subsurface investigation review, Realty contacts and negotiations, engineering design plan and review and construction administration and certification of the final project.

WVDEP AML Project Experience *

Record Engineer and Project Manager:

Prepared PS&E, attended Pre-Bid / Pre-Construction meetings, signed sealed documents as PE and submitted invoices.

- Sauls Run (Carpenter) Landslide
- Tunnelton (Dillsworth) Landslide
- Church Creek/Manown Highwall
- Hampton Number Four Maintenance
- Pageton (Lambert) Portals
- Sandy Run Highwall & Portals
- Tub Run Highwall & Refuse
- Birds Creek No. 4

Coalfields Expressway, eleven-mile four lane limited access highway, Buchanan County Virginia

Lead Drainage Engineer for the preliminary design, overseeing design of all stormwater conveyance and stormwater management, E&S control plan and detention facilities.

Coalfields Expressway PIE Study, thirteen-mile four lane limited access highway, WV16 to Mullens Section, Wyoming County, West Virginia

Lead Survey Project Manager in support of preliminary plan. Overseeing project control, boundary surveys in support of RW1's and RW2's, staking geotechnical boring and providing supplemental mapping.

City of Bristol Bridge Replacement Projects, Bristol, Virginia

Project manager and Lead Surveyor for three bridge replacement Projects as well as QC Engineer for Civil plans and Maintenance of Traffic plans. Overseeing survey and engineering design teams.

President

Herbert L. Parsons III, PE, PLS

Project Coordinator



DIEFFENBAUCH & HRITZ

Responsible Charge Manager, 20" Pipeline Project, Greene County, Pennsylvania [2016 – present]

Responsible Charge Manager for 4 miles of proposed pipeline. Services include access roads site development, environmental permitting, alignment sheet development, and coordination of field routing.

Quality Control Manager, Gas Pipeline Survey, Marshall, Ohio & Brooke Counties, WV,

Responsible Charge Manager for a 70 mile gas pipeline construction project. Project scope included new construction of an 8" propane pipeline that included 45 miles of reroutes. Project land acquisition, signed land owners exhibits, alignment sheets, permitting, and LOD stakeout were delivered in a 6 m

** Work performed prior to joining Dieffenbauch & Hritz, LLC.*



Vice President of Engineering

Eric N. Stewart, PE

Engineering Services Manager

Mr. Stewart has over 20 years of experience in the civil and environmental engineering field. As the Vice President of Engineering for Dieffenbach & Hritz, Mr. Stewart uses his broad experience base to expand project development with both public and private sector clients. Mr. Stewart has accumulated an extensive 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. He has also gained valuable experience thru his career with projects in the transportation, environmental compliance, mining, water resources and commercial site development fields in many states.

Company Role, Vice President of Engineering:

As VP of Engineering, he manages a diverse engineering team and is responsible for ensuring design requirements are met, oversees the consistency of client experiences, and manages a team of engineers and designers. He coordinates procedures and works closely with clients and regulatory agencies to ensure the company is at the forefront of design and regulatory adherence.

Project Role, Engineering Services Manager:

Mr. Stewart is assigned professional charge on many projects for the engineering and construction management departments. For this project, he will be responsible for ensuring that the product vision is realized through excellence in execution. A critical key to quality control includes redundant professional reviews. D&H has a Project Manager in charge of projects and a designated professional engineer will provide an independent review of each deliverable. This process ensures unbiased results and quality deliverables.

Summary of Experience:

NV113 Engineering & Design, Monongalia County, West Virginia

Engineering Manager responsible for the structural design, construction inspection and survey services for a 30-foot pre-cast, pre-stressed box beam bridge deck to span an existing pipeline. The structural design consisted of engineering plans, structural calculations for the concrete bridge beams, abutments, approach/sleeper slabs and wing walls for the project.

Energy Cynic to Soles Waterline, Wetzel County, West Virginia

Engineering Manager responsible for the completion of survey, engineering, permitting, and construction services associated with the installation of approximately 27,500 LF a 20-inch HDPE waterline located between Littleton, West Virginia and Springhill Township, Greene County Pennsylvania. Coordinated

DETAILS AND ACHIEVEMENTS

Experience

Total: 20 years

With D&H: 9 years

Education

B.S. Civil Engineering, West Virginia University

PROFESSIONAL REGISTRATIONS

Professional Engineer

WV – No. 17972

NC – No. 056025

OH – No. E-84089

PA – No. PE088625

TN – No. 128163

CORPORATE AFFILIATIONS

- GPA Midstream Appalachian Basin (ABGPA Midstream)
- Gas & Oil Association of West Virginia (GO-WV)
- Pennsylvania Independent Oil and Gas Association (PIOGA)

Vice President of Engineering
Eric N. Stewart, PE
Engineering Services Manager



activities between disciplines, performed design calculations and provided construction administration services.

MAJ10 Tank Containment Wall Design, Monongalia County, West Virginia

Engineering Manager responsible for the structural design, construction inspection and survey services for a secondary containment wall for two 132 feet diameter storage tanks. This secondary containment has a cumulative volume of 7.2 million gallons and the steel lagging wall stands 12 feet in height.

Titan Impaired Waterlines, Belmont County, Ohio

Engineering Manager responsible for hydraulic models, pump head curve, helical pile spacing, surge calculations and hydrostatic testing parameters associated with the installation of approximately 740 LF of 12" HDPE DR11 waterline located in Belmont County, Ohio.

Gas Inlet Filtration Upgrade, Belmont County, Ohio

Engineering Manager for a natural gas liquid line inlet filtration upgrade. This project consisted of installing two horizontal filter vessels and adding support piping associated with their installation. Also, part of this project was the necessary structural design and drawing packages for pipe supports, vessels foundations, containments, and pedestrian crossovers associated with the proposed piping/vessels for this project. Pipe stress analysis was also performed for the pressure relief valves, piping and ball valves associated with this project.

Clearwater Treatment Facility, Doddridge County, West Virginia *

Construction Manager/Engineer responsible for interpreting plans, preparing contracts, and managing schedules for a water treatment facility in Doddridge County, WV. The project is being constructed as part of advanced wastewater treatment facility that will process 41,000 barrels of wastewater per day, separating water, salt, and radioactive particles, providing an alternative solution to current water disposal methods.

** Work performed prior to joining Dieffenbach & Hritz, LLC.*



Project Manager

Jordan L. Martin, P.E.

Mr. Martin has over ten years of experience in the civil and environmental engineering field. During that time, he has progressed from entry level CADD Technician to registered professional engineer, project leader, and project manager for Dieffenbach & Hritz. Mr. Martin has accumulated a broad range of experience in the regulations, planning, permitting, and construction of a variety of energy and site development disciplines. At D&H he has gained experience with projects in the transportation, environmental compliance, water resources, and commercial site development fields in PA and WV. Mr. Martin has developed distinct proficiency in hydrology and hydraulics (H&H) analysis and design including stormwater modeling, open channel design, large area hydrology, floodplain modeling, and 1-D and 2-D hydraulic modeling. He is competent in common H&H software such as HydroCAD, Hydraulic Toolbox, HY-8, and HEC-RAS.

Company Role, Project Manager:

Responsible for managing the design, permitting, and construction activities for projects. Projects may include but are not limited to oil and gas well sites, pipelines, and midstream facilities, private/commercial/industrial site plan development, DOT transportation projects and road upgrades. The Project Manager is assigned as the main point of contact to clients and regulatory bodies, attends project meetings, performs engineering design and calculations, and reviews final project deliverables.

Project Role, Project Manager:

As the Project Manager, Mr. Martin will be responsible for supervising the engineering design and permitting process, ensuring final deliverables meet government regulations and client-specific requirements. The Project Manager will coordinate environmental, survey, and geotechnical services for projects to meet all client and regulatory needs.

Summary of Experience:

Natural Gas Pipeline Design, Various locations in WV & PA

Mr. Martin has been the project manager and main point of client contact for over 30 miles of pipeline design and permitting. Assignments have included access roads site development, environmental permitting, E&S Control design, alignment sheet development, coordination of field routing, and client and agency communication.

Oil & Gas Well Pad Site Design, Various locations in WV, PA

Mr. Martin has been the project manager of the engineering design and permitting for the development of over 15 new oil and gas well pads. Assignments have included: environmental permitting, E&S Control, PCSM design, access road site development, coordination of supplemental disciplines, subconsultants, client communication and submissions of permit applications to necessary county, state, and federal agencies for necessary permits for construction.

DETAILS AND ACHIEVEMENTS

Experience

Total: 11 years

With D&H: 11 years

Education:

B.S. Civil Engineering
Technology,
West Virginia University
Institute of Technology

PROFESSIONAL

REGISTRATION(S):

Professional Engineer

WV – No. 23944

Project Manager

James R. Osborne II, Architect, PE



DIEFFENBAUCH & HRITZ

Mr. Osborne has over 20 years of experience in providing architecture and engineering services to private and government clients including projects that are funded by federal, state, and local government agencies. Mr. Osborne has a broad range of experience in the field of mining, architecture, civil and structural engineering including strip mine permitting and mapping, planning and feasibility studies, construction estimates, grant writing assistance, environmental permitting, site and road design, retaining wall design, architectural design, building, bridge, and non-building structural design, and 3D visualization.

Company Role, Project Manager:

Responsible professional in charge of overseeing all aspects of project development including client meetings, project scheduling, staff coordination, and quality assurance of all deliverables.

Project Role, Project Manager:

As the Project Manager, Mr. Osborne will be responsible for supervising the engineering design and permitting process, ensuring the final deliverables meet government regulations and client specific requirements. The Project Manager will coordinate environmental, survey and geotechnical services for projects to meet all client and regulatory needs.

Summary of Experience:

Boissevain Shaft Project, Boissevain, West Virginia

Engineer responsible for engineering services for the feasibility study of multiple design options to close off an existing shaft mine including final selection and design of a concrete bridge superstructure to close off an existing shaft mine. Deliverables and services also included preliminary and construction drawings, bidding and contract administration.

Copper Creek Stream Restoration and Bridge Replacement, Russell County, VA

Engineer responsible for engineering services for assisting with planning and cost estimating including design and inspection of a concrete bridge substructure for a new steel bridge superstructure to replace a low water bridge.

CNX NV113 Well Site Bridge, Washington County, Pennsylvania

Engineer responsible for engineering services for the planning, feasibility, multidiscipline coordination, and design of a concrete bridge located along a well site access road to clear existing gas utilities.

DETAILS AND ACHIEVEMENTS

Experience

Total: 23 years
With D&H: 2 years

Education

B.S. Engineering
Technology with emphasis
on Civil/Structural/Building
Construction,
Old Dominion University

B.S. Engineering
Technology with emphasis
on Construction
Management/Estimating,
Old Dominion University

A.A.S. Design & Drafting
Technology,
Southwest Virginia
Community College

PROFESSIONAL REGISTRATIONS

Register Architect

WV – No. 5622
VA – No. 0401019164
TN – No. 107072
MD – No. 19219

Professional Engineer

VA – No. 0402051009

Project Manager

James R. Osborne II, Architect, PE



DIEFFENBAUCH & HRITZ

CNX MAJ10 Containment Wall, Cameron, West Virginia

Engineer responsible for engineering services for the multidiscipline coordination and design of a secondary containment wall for a water tank storage facility.

Southern Gap Transportation and Logistics Center, Southern Gap, Virginia

Architect and Engineer responsible for architectural and engineering services for the planning, feasibility, multidiscipline coordination, and design of a new Diesel College located on an existing mining site.



Project Manager

Brennan L. Bostic, PE

Mr. Bostic has over ten years of experience in the civil, environmental, and mining engineering fields. During this time, he has progressed from entry level project designer to registered professional engineer and project manager for Dieffenbach & Hritz. Mr. Bostic has accumulated a broad range of experience in the regulations, planning, permitting, and construction of a variety of energy and site development disciplines. He has gained experience with projects in environmental compliance, water resources, erosion and sediment control plans and permit documents in PA and WV.

Company Role, Project Manager:

Responsible for managing the design, permitting, and construction activities for energy projects. Projects may include but are not limited to oil and gas well sites, pipelines, and midstream facilities, private/commercial/industrial site plan development and road upgrades. The Project Manager is assigned as the main point of contact to clients and regulatory agencies, attends project meetings, performs engineering design and calculations, and reviews final project deliverables.

Project Role, Project Manager:

This position is responsible for supervising the engineering design and permitting process, ensuring final deliverables meet government regulations and client specific requirements. The Project Manager coordinates environmental, survey, and geotechnical services for projects to meet all client and regulatory needs.

Summary of Experience:

Oil & Gas Well Pad Site Design, Various Locations in WV & PA

Mr. Bostic has been the project manager of the engineering design and permitting for the development of more than 30 new oil and gas well pads. Responsibilities have included: environmental permitting, E&S Control, PCSM design, access road site development, coordination of supplemental disciplines, subconsultants, client communication and submissions of permit applications to necessary county, state, and federal agencies for necessary permits for construction.

County Road Upgrade Design, Various locations in WV & PA

Mr. Bostic has been the project manager of the engineering design of roadway upgrade for over 20 roads. Responsibilities include environmental permitting, E&S control design and grading and earthwork for waste areas, coordination of coordinating disciplines, clients, local and state agencies.

DETAILS AND ACHIEVEMENTS

Experience

Total: 11 years

With D&H: 11 years

Education:

B.S. Civil Engineering
Technology, Virginia
Polytechnic Institute and
State University

A.S.S. Engineering,
Southwest Virginia
Community College

PROFESSIONAL REGISTRATION(S):

Professional Engineer

WV – No. 025223

VA – No. 063012



Project Manager

Brent K. Bailes

Mr. Bailes has accumulated over ten years of project management experience in civil design. As a project manager, he has developed a broad experience base and extensive project development with public and private sector clients. He has led teams on complex projects that require coordination of disciplines, technical studies, environmental permitting, and multiple agencies and stakeholders. Specific areas of design include commercial and residential site planning, renewable energy, conventional energy, transportation projects, utilities, hydrologic and hydraulic studies, erosion and sediment control plans and permit documents.

Company Role, Project Manager:

Mr. Bailes is responsible for managing the design, permitting, and construction activities for energy projects. Projects may include but are not limited to oil and gas well sites, pipelines, and midstream facilities, private/commercial/industrial site plan development and road upgrades. The Project Manager is assigned as the main point of contact to clients and regulatory bodies, attends project meetings, performs engineering design and calculations, and reviews final project deliverables.

Project Role, Project Manager:

Mr. Bailes will be responsible for supervising the design and permitting process, ensure final deliverables meet state and government regulations and the project specifications and requirements. The Project Manager will coordinate environmental, survey and geotechnical services for the project to meet all client and regulatory requirements.

Summary of Experience:

Oil & Gas Well Pad Site Design, Various locations in WV, PA & OH

Mr. Bailes has been the project manager of the engineering design and permitting for the development of over 50 new oil and gas well pads. Responsibilities have included: environmental permitting, E&S Control, PCSM design, access road site development, coordination of supplemental disciplines, subconsultants, client communication and submissions of permit applications to necessary county, state, and federal agencies for necessary permits for construction.

County Road Upgrade Design, Various locations in WV, PA & OH

Mr. Bailes has been the project manager of the engineering design of roadway upgrade for over 20 roads. Responsibilities include environmental permitting, E&S control design and grading and earthwork for waste areas, coordination of coordinating disciplines, clients, local and state agencies.

DETAILS AND ACHIEVEMENTS

Experience

Total: 18 years

With D&H: 15 years

Education:

West Virginia University,
B.S. Landscape Architecture
2005

Safety Training

Safeland (PEC)

OSHA 10

RigPass

CORPORATE AFFILIATIONS:

Gas & Oil Association of

West Virginia (GO-WV)

Pennsylvania Independent

Oil and Gas Association

(PIOGA)

Environmental Services Manager

Vincent J. Attardi, M.S.



DIEFFENBAUCH & HRITZ

Mr. Attardi has over 40 years of experience conducting environmental and ecological investigations throughout the eastern United States. 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). Mr. Attardi has overseen the environmental investigation and permitting of over 500 projects during his time at Dieffenbach & Hritz. These investigations were primarily conducted in support of oil and gas projects. 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.

Company Role, Environmental Services Manager

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.

Project Role, Environmental Manger:

As the Environmental Coordinator, Mr. Attardi will coordinate route development services to determine the most economic route with the least environmental impact. He will establish data collection protocols and data management processes to ensure integrity of field collected data and reporting. Mr. Attardi will routinely coordinate with the client and regulators to ensure project compliance permitting guidelines and other regulatory agencies.

Summary of Projects:

Slip Repair Permitting; SGG & AGS Pipeline Systems, DT Midstream (DTM), North Central WV; 2018 - Present:

For the past six years, Mr. Attardi has served as the project manager for DTM (formerly DTE). During that time, he has managed environmental and engineering services in support of the DTM Slip Repair Program along their SGG and AGS Pipelines. Services included wetland/stream delineations, Erosion and Sedimentation Control Plans (ESCPs), Stormwater Pollution Prevention Plans (SWPPs), Groundwater Protection Plans (GPP) Stormwater Construction Permits,

DETAILS AND ACHIEVEMENTS

Experience

Total: 42 years
With D&H: 9 Years

Education

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

PROFESSIONAL CERTIFICATIONS

Sewage Enforcement Officer

PA – No. 3900

Certified Erosion Prevention & Sediment Control Inspector

SC – No. 11804

CORPORATE AFFILIATIONS

- Society of Wetland Scientists
- Pennsylvania Association of Sewage Enforcement Officers
- GOWV Environmental Committee
- Pennsylvania Independent Oil and Gas Association (PIOGA)

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



DIEFFENBAUCH & HRITZ

USFWS Consultation, Habitat Assessments, and Environmental Compliance Summary Reports. Mr. Attardi has also managed other projects and services for DTM including Bat Emergence Surveys, Environmental Inspections, Spill Prevention, Control, and Countermeasures (SPCC) Plans, Floodplain Permitting, and DOH Permitting.

Morgantown Connector Pipeline; North Central WV; 2023-2025:

Major upgrade of an existing service distribution gas pipeline in Monongalia and Marion Counties. The pipeline spans approximately 30 miles and will generally replace an existing 8 " line to a 16" line. Mr. Attardi is the project manager of the D&H services being provided for this line. D&H is providing wetland/stream delineations, Section 404/401 permitting, USFWS coordination, WVDNR/OLS Permitting, Mussel Survey coordination, WV State Historic Preservation Officer coordination, Archaeological Survey coordination, SWPPP/GPP and Stormwater Construction Permits, Floodplain Permitting, and Environmental Inspections.



Survey Services Manager

Jason H. Littler, PS

Mr. Littler has accumulated more than 25 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 led teams on complex projects that require coordination of disciplines, technical studies, environmental permitting, and multiple agencies and stakeholders. Specific areas of surveying include renewable energy, conventional energy, transportation projects, utilities, abandoned mine lands, commercial and residential site planning, erosion and sediment control plans and permit documents. He has been professional charge of several boundary surveys ranging in size from small lot and partition surveys to large multi-tract 1000-acre surveys. He has performed numerous ALTA/ASCM land title surveys all throughout West Virginia for various banks, title insurance companies and development companies.

Company Role, Survey Services Manager:

In his current position, Mr. Littler is responsible professional in charge of overseeing survey projects including but not limited to crew and staff coordination, boundary, mapping, as-builts, quantities and geodetic control. He is also responsible for overseeing and assuring the quality of all deliverables and management practices of the survey discipline.

Project Role, Survey Services Coordinator:

Mr. Littler will be responsible professional in charge of overseeing survey field and CAD design work completed assuring the quality of all deliverables and practices of the survey. Mr. Littler attend client or project meetings, participate in kick-off and milestone meetings, and oversee the preparation a project specific quality control plans.

Summary of Projects:

Upland Run AMD, WVDEP Office of Abandoned Mine Lands and Reclamation, Weston, Lewis County, WV

This project is currently in an active status with the WVDEP, which D&H received notice to proceed on July 26, 2023. Mr. Littler has been involved with the initial site planning meetings, scoping meetings, cost negotiations, surveying, subsurface investigation review, Realty contacts and negotiations, 30% engineering design plan and review.

Weston (Curtis) Landslide, WVDEP Office of Abandoned Mine Lands and Reclamation, Weston, Lewis County, WV

This project is currently in an active status with the WVDEP, which D&H received notice to proceed on July 26, 2023. Mr. Littler has been involved with the initial site planning meetings, scoping meetings, cost negotiations, surveying, subsurface investigation review, Realty contacts and negotiations, 30% engineering design plan and review.

DETAILS AND ACHIEVEMENTS

Experience

Total: 26 years
With D&H: 1 year

Education:

B.S. Engineering
Technology/Surveying,
West Virginia Institute of
Technology
A.S. Civil Engineering
Technology,
West Virginia Institute of
Technology

Safety Training

Safeland (PEC)
OSHA 10

PROFESSIONAL REGISTRATION(S):

Professional Surveyor

WV – No. 2139
PA – No. SU075719

CORPORATE AFFILIATIONS:

West Virginia Society of
Professional Surveyors



Survey Services Manager

Jason H. Littler, PS

WVDEP Office of Abandoned Mine Lands and Reclamation Northern Mapping Services, northern counties of West Virginia*

Mr. Littler served as Survey Project Manager in charge of surveying and mapping on these individual Projects with the West Virginia Department of Environmental Protection, Division of Land Restoration, Office of Abandoned Mine Lands. This contract consisted of a 3-year assignment with the WVDEP and involved surveying and mapping services to be used for the design and construction of Abandoned mine lands projects located throughout the northern counties of West Virginia. Currently in the Northern contract, Mr. Littler has overseen the successful completion of the mapping for 40 individual projects with a total mapped acreage of 5,800 acres. Mr. Littler was responsible for the client maintenance, field visits, billing, invoicing, and oversight for this 3-year assignment.

WVDEP Office of Abandoned Mine Lands and Reclamation Southern Mapping Services, southern counties of West Virginia*

Mr. Littler served as Survey Project Manager in charge of surveying and mapping on these individual Projects with the West Virginia Department of Environmental Protection, Division of Land Restoration, Office of Abandoned Mine Lands. This contract consisted of a 3-year assignment with the WVDEP and involved surveying and mapping services to be used for the design and construction of Abandoned mine lands projects located throughout the southern counties of West Virginia. Currently in the southern contract, Mr. Littler has overseen the successful completion of the mapping for 53 individual projects with a total mapped acreage of 5,000 acres. Mr. Littler was responsible for the client maintenance, field visits, billing, invoicing and oversight for this 3-year assignment.

Pine Bluff Tipple Complex, Pine Bluff, WV*

This project is a Bond Forfeiture site located in Pine Bluff, WV. Mr. Littler produced all original ground sections and monthly pay volumes for submittal to the State of West Virginia. He also constructed an as-built map of the completed site.

Taylor Creek Impoundment, Widen, WV*

Mr. Littler was involved in this Abandoned Mine Land (AML) project. The project consisted of two (2) sites of which all original ground sections were produced and monthly pay volumes were submitted for approval.

Robinson Run Preparation Plant, Harrison County, WV*

Mr. Littler served as Survey Project Manager in charge of surveying on this 2200 TPH coal preparation plant being constructed for CONSOL Energy. This plant was built to replace the existing plant which had served its time. This project was unique in that the new prep plant was positioned directly behind the existing plant and the existing conveyor feed line to the plant was to only be extended from the old plant into the new plant. The tolerances on alignment tie in was minimal and final tie-in between the old conveyor feed line and the new conveyor feed line was accomplished in a couple of days with no misalignment problems.

Robinson Run Overland Conveyor Project, Harrison County, WV*

Mr. Littler served as Survey Project Manager in charge of surveying on this 4.1-mile, overland conveyor belt line being constructed for CONSOL Energy. This project consisted of the survey layout, volume computations, and as-built mapping of the 4.1-mile overland conveyor along with over 4 miles of access roads and over 500,000 cubic yards of excavation. Mr. Littler was responsible for the crew scheduling, reviewing of all data, final cross section data, checking of all computations.

* Work performed prior to joining Dieffenbach & Hritz, LLC

Construction Services Manager

Robyn E. Smith



DIEFFENBAUCH & HRITZ

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.

Company Role, Construction Services Manager:

Mr. Smith is responsible for managing the construction management and certification activities associated with the client's projects. Projects may include but are not limited to oil & gas well pads and fresh and reuse water impoundments. Mr. Smith's primary role includes 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.

Project Role, Construction Services Manager:

Mr. Smith will be responsible for managing of the construction services including construction compliance and inspection, construction management, construction sequencing and optimization, contractor management, project development and management and project construction phase. Mr. Smith will oversee critical events, attend client meetings as well as participate in kick-off and milestone meetings.

Summary of Projects:

Oil & Gas Well Pad Projects:

Over the past 5 years, Mr. Smith has managed hundreds of designs, 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.

DETAILS AND ACHIEVEMENTS

Experience

Total: 35 years

With D&H: 8 years

Education

B.S. Mining

Engineering,

West Virginia Institute
of Technology

Safety Training

PEC Training

CORPORATE AFFILIATIONS

- Gas & Oil Association
of West Virginia (GO-
WV)

- Pennsylvania
Independent Oil and
Gas Association
(PIOGA)

Construction Services Manager

Robyn E. Smith



DIEFFENBAUCH & HRITZ

Mining Experience:

Underground/Surface Mining Complex: As Chief Engineer responsibilities included the preparation of all mine plans, budget preparation for mining as well as capital projects, coordination with all state and federal agencies, and project management of all capital construction projects.

Highway Construction Surface Mine Design Build: Senior Mining Engineer/Construction Manager for a \$125M Highway Construction Surface Mine Design Build project as well as 2 large surface mine operations in Southern West Virginia for Alpha Natural Resources. The highway project consists of the construction of approximately 15 miles of the I-73/74 corridor. The project consists of some 70,000,000 cubic yards of excavation and fill placement. As the project manager responsibilities included for oversight of the design process, schedule and budget preparation and maintenance, management of all environmental permit activities, quality control, mine planning, tracking pay item quantities and submitting payment requests to the WVDOH.

Environmental Scientist

Kelly J. Brown



DIEFFENBAUCH & HRITZ

Ms. Brown joined Dieffenbach & Hritz as an Environmental Technician before advancing to the position of Environmental Scientist I. Ms. Brown brings extensive educational experience and competencies in a wide range of environmental assessments and surveys to her role at D&H.

Company Role, Environmental Scientist I:

The Environmental Scientist schedules, performs, documents, and/or coordinates routine environmental field investigations including stream/wetland delineations, habitat assessments, botanical surveys, soil infiltration testing, and Phase I site assessments. This role also prepares reports to document field survey results, permit applications, consults with agency staff as required under Sections 404 and 401 of the Clean Water Act and the Endangered Species Act, prepares biological inventories and NEPA documents, and communicates directly with client managers to develop service support strategies.

Project Role, Project Scientist:

Ms. Brown will lead field investigations, conduct data collection, staff gauge installations, and environmental inspections including water quality assessments, portal surveys of eastern bat species, macrobenthos and aquatic vegetation surveys, Monitoring Avian Productivity, and Survivorship surveys (MAPS), electro-fishing analysis for species diversity, wetland delineations according to the U.S. Army Corp of Engineers *Wetland Delineation Manual* and regional supplements, stream assessments, and complete permit applications.

DETAILS AND ACHIEVEMENTS

Experience

Total: 2 years

With D&H: 2 years

Education

M.S. Agriculture, Natural Resources, and Design, West Virginia University

B.S. Biology, Glenville State College

PROFESSIONAL CERTIFICATIONS

- Public Land Corps Certified
- 1598 USGS Hazard Communications
- Wetland Delineation Certification

Survey Project Manager

Stacy A. Carpenter



DIEFFENBAUCH & HRITZ

Mr. Carpenter has accumulated more than 20 years of survey experience. Mr. Carpenter has extensive experience performing preliminary surveying for site development and design, layout of highways per design, layout and grading of sites for federal prisons, multiple AML projects for design and reclamation, multiple gas and oil drilling sites for design and construction, and multiple gas and oil pipelines for design, construction, and as-built. As a Survey Project Manager, Mr. Carpenter has managed multiple survey crews for scheduling, and guidance in surveying well sites and pipelines for design, stakeout, and as-built; preparing packages for field work, answering any questions that the crews may have, and post processing the data collected.

Company Role, Survey Project Manager:

The Survey Project Manager represents the company as the point of contact to the client and serves as a liaison between clients, agencies, subcontractors, and the survey team.

Project Role, Survey Project Manager:

Mr. Carpenter will be responsible for planning, assigning, and directing work for the survey team. He will coordinate with the field crew coordinator, project manager, and sub-contractors to provide survey services and deliverables and will address issues and resolve problems in a timely manner.

DETAILS AND ACHIEVEMENTS

Experience

Total: 20+ years

With D&H: 9 Years

Education

Graduate, Buckhannon

Upshur High School

Safety Training

Safeland

RigPass

First Aid-CPR Training

Construction Coordinator

Gabriella L. Duritsky



DIEFFENBAUCH & HRITZ

Ms. Duritsky joined Dieffenbach & Hritz as a Construction Inspector on active PCSM and Site Restoration construction projects and slip repair projects and quickly moved up to the role of Construction Coordinator. Prior to joining D&H, she worked as a production operator for an operating company and serviced wells in Pennsylvania and Ohio.

Company Role, Construction Coordinator:

The construction coordinator is responsible for directing daily activities of the production team; schedules technicians, inspectors, and subcontractors; and documenting progress and problems through reports and/or photos and submits for client review. The Construction Coordinator visits job sites weekly for verification of plan and specification compliance, conducts weekly construction and safety meetings, and participates in pre-construction job site meetings.

Project Role, Construction Coordinator:

Ms. Duritsky will serve as a construction coordinator and be responsible for scheduling technicians and inspectors daily and coordinating workload with client leaders and discipline leaders. Ms. Duritsky will use her knowledge and experience to not just react to problems but to anticipate and formulate solutions to prevent delays to construction.

DETAILS AND ACHIEVEMENTS

Experience

Total: 10 years

With D&H: 5 years

Education

A.S. Animal Science, Fairmont State University

Safety Training

PEC Training

OSHA 10 Training

Nuclear Gauge Safety Training

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.

Employment History

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

Employment History

- 2022 – Present
West Virginia Office Manager, Senior Engineer
NGE
- 2018 – Present
Geotechnical Services Manager, Senior Engineer
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

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

Employment History

- 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

ANN M. DAVEY



PROFESSIONAL SUMMARY

Founder and owner of National Right of Way Land Service LLC, a full service right of way acquisition company. Extensive experience in all aspects of the right of way industry with the most recent focus on oil & gas, renewable energy, and the public utilities sector.

SKILLS

- **Project Management**
- **Budgeting/Forecasting**
- **Problem-solving**
- **Maintains core staff by training and encouraging professional growth**
- **Communicates effectively**

WORK HISTORY

National Right of Way Land Service LLC

Bridgeport, West Virginia 2011 – Present

- Managed all project related matters including overall project assessment and critical path, manpower allocation, manpower training, budget forecast, bid package preparation. Client accountability and communication.

Laredo, Texas 2010-2011

- Successfully oversaw the acquisition of 80 miles of pipeline, access roads and wareyards for high visibility project with expedited deadline.

Phoenix, Arizona 2009-2010

- Troubleshoot a project behind schedule and over budget.

1991-2009

- Worked as a contract landman/surface land agent throughout several states in the country. Work included mineral leasing and title abstracting, royalty division orders, permitting, route development, project management.

1983– 1990

- Owned a title examination company and conducted title exams including for the Commonwealth of Massachusetts Attorney General's Office, Eminent Domain Division.
- Approved as a title instructor at Northeastern University College.
- Approved as an expert witness for the Commonwealth of Massachusetts.

MEMBERSHIPS

- *Go WV*
- IRWA
- Women's Energy Network

BACHELOR OF ARTS: University of Massachusetts, Dartmouth, MA

MARY D. MORLEY



ATTORNEY

PROFESSIONAL SUMMARY Attorney licensed in Massachusetts with most recent experience managing title and right-of-way crews engaged in the acquisition of easements and other real estate assets on behalf of oil and gas companies. Extensive experience drafting and negotiating agreements, including pipeline easements, compressor site leases and purchases, landowner releases and road, facility, and workspace agreements.

SKILLS

- **Agreement drafting, review, and analysis**
- **Database maintenance**
- **Personnel management**

WORK HISTORY

National Right of Way Land Service LLC, Bridgeport, West Virginia

Attorney/Vice President - 2011 – Present

- Manage all contractual matters related to right of way company, including drafting agreements and clauses for each unique situation and activity.
- Manage title crew and prepare curative title documents.
- Oversee the maintenance and use of a complex proprietary database.

Davey & Davey PC, Massachusetts, 1989 – 2011

Attorney - General Practice

- Represented buyers and sellers in connection with real estate sales and related transactions.
- Represented contractors in claims and litigation arising from public and private commercial construction projects. Litigate claims through discovery procedures to resolution via trial, mediation, or arbitration.
- Represented independent music recording companies in drafting and negotiation of contracts and licenses.

Comm. of Massachusetts Department of Consumer Affairs: Arbitrator 2008-2011

Appointed by the Comm. of Massachusetts as an arbitrator to conduct statutory arbitration hearings for claims arising from the Home Improvement Contractor Law.

MEMBERSHIPS

- *Planning Board, Town of Wareham, Massachusetts, 2001-2011*
- Massachusetts State Bar
- Federal District Court Bar
- Federal Court of Claims

JURIS DOCTOR: Suffolk University School of Law, Boston, MA

BACHELOR OF ARTS: University of Massachusetts, Dartmouth, MA

D

PROJECT DESCRIPTIONS



DIEFFENBAUCH & HRITZ

Engineering | Surveying | Environmental

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

Project: AML Contract 7 - Weston (Curtis) Landslide

Client: WV DEP

Location: Lewis County, WV

D&H has been retained by WV DEP to provide engineering, environmental, realty, survey, and construction management services for the stabilization of slip areas, road stabilization and installation, repair and/or replacement of drainage for the Weston (Curtis) Landslide project. There are two scarp lines located adjacent to a residence. D&H will provide design mitigation for three slip areas associated with old mine workings located in this lakeside residential subdivision. Geotechnical investigations, field surveys and environmental delineation are ongoing. The projects are scheduled for permit submission in 2024 and construction in 2025.

Project: AML Contract 7 – Upland Run (Harrison) AMD and Drainage

Client: WV DEP

Location: Lewis County, WV

D&H has been retained by WV DEP to provide engineering, environmental, realty, survey, and construction management services for the Upland Run (Harrison) AMD and Drainage project. This project consists of two drainage channels above the Harrison property that are in an erosive condition and carry significant flow near the resident's structures. The drainage channels are a result of concentrated waters naturally developing from a valley fill of cast-off-material from previous mine-works. The channels are in poor condition carrying sediment to the bottom of the hill and depositing near the residential structures. Downstream of this point the sediment is clogging culverts and causing flooding issues on the property requiring constant maintenance. The second area is located on the adjoining landowner to the North above site one and consists of three slip areas and drainage problems associated with previous highwall construction.

In addition to these two active AML projects Dieffenbach & Hritz (D&H) has provided engineering and related services for many projects similar to the AML Program following guidelines and standards of the West Virginia Department of Environmental Protection. Below is a sampling of recent projects that are in various stages of development or completion.

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: NV113 Engineering & Design
Client: CNX Gas Company, LLC
Locations: Greene County, PA

Part of the NV113 Well Site project required crossing an existing gas pipeline for construction and drilling equipment to access the pad location. The crossing agreement with the pipeline company required the client to provide an aerial crossing of the pipeline with a minimum 12' clear space over the pipeline. A pre-cast, pre-stressed box beam bridge deck was proposed to cross the pipeline and meet the crossing requirements. D&H provided the engineering plans, structural design and calculations for the concrete bridge beams, abutment, approach/sleeper slabs and wing walls for the design.

Project: M2M Highwall Remediation
Client: CNX Gas Company, LLC
Locations: Greene County, PA

An existing gas and water pipeline descending an existing highwall displayed signs of failing as the concrete cover was starting to crack and break. D&H prepared the site plan, E&S plan, traffic control plan and construction inspection services. The dowel and shotcrete repair work, installed to anchor the highwall was completed by subconsultant contracted through D&H.

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: *Sullivan Refuse*
Client: *Thrasher Engineering*
Location: *Raleigh 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: *Kuhns Run Portals*
Client: *Thrasher Engineering*
Location: *Marion 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: *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.



1400 Johnson Ave. Suite 1C
Bridgeport, WV 26330
O: 304-931-6698

National Right of Way Land Service, LLC has provided rights of way services in West Virginia for the oil & gas industry, public utility, and renewable energy sectors for the past 12 years.

Project: *Energy Site Acquisition 2019*
Client: *Competitive Power Ventures*
Location: *Doddridge County, WV*

Researched various locations and negotiated acquisition option agreements for several potential sites for a multi-billion-dollar natural gas power station located in Doddridge County.

Project: *Natural Gas Pipeline Projects 2009-2022*
Client: *Antero Midstream, LLC*
Location: *Various Counties, WV and OH*

Secured option agreements on approximately 2,200 miles of pipelines including gathering lines, compression lines, waterlines. Secured wareyards, access roads, and compressor sites. Addressed post construction damages with the landowners. Services included title research, landowner outreach, negotiations, acquisitions, damage settlements, contract preparation, ArcGis mapping.

Project: *Clear Water Treatment Plant 2018*
Client: *Antero Resources*
Location: *Doddridge County, WV*

Negotiated and secured the surface site for a water treatment plant.

Project: *Mariner East Pipeline (2018)*
Client: *Energy Transfer*
Location: *Various Counties, WV*

Successfully troubleshoot delayed transmission pipeline right of way project.

Project: *Electric Distribution Easement Acquisitions (2014 to present)*
Client: *FirstEnergy*
Location: *Various Counties, WV*

Provide right-of-way acquisition services for electric distribution lines. Several projects over the course of 7 years.

Project: *Bricker & Eckler, Attorneys (2022 to present)*
Client: *Renewable energy company*
Location: *Various Counties, OH*

Provide acquisition services for purchases of large acreage parcels from landowners for proprietary renewable energy projects.

E

OTHER INFORMATION

ADDENDUM ACKNOWLEDGEMENT FORM
SOLICITATION NO.: CEOI 0313 DEP2400000008

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

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

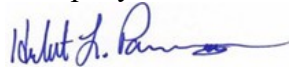
Addendum Numbers Received:
(Check the box next to each addendum received)

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

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

Dieffenbauch & Hritz, LLC

Company



Authorized Signature

08/31/2023

Date

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

ABANDONED MINELANDS (AML) CONTRACTOR INFORMATION FORM

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

Part A: General Information

Business Name: Dieffenbauch & Hritz, LLC
 Tax ID #: 65-1257247
 Address: 1095 Chaplin Road, Suite 200
 City, State, & Zip: Morgantown, WV 26501
 Phone Number: 304-985-5555
 Email Address: hparsons@dandhengineers.com

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

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


Part C: Certifying and updating information in the AVS

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

I, Herbert L. Parsons, III, have express authority to certify that:
 (Print Name)

1. Our business is listed in the AVS. The information is accurate, complete, and up to date. (If you select this option, you must attach an Entity OFT from the AVS to this form). Do not complete Part D.
2. Our business is in the AVS. The information needs to be updated. (If you select this option, you must attach an Entity OFT from the AVS to this form). Complete Part D to provide the missing or corrected information.
3. Our business is not listed in the AVS. The information needs to be added. Complete Part D to provide the information.

08/23/2023
Date


Signature

President
Title

Part D: OFT InformationContractor'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 who is no longer with your business.**

Name: Michael D. Hritz
 Address: 256 McKee Road
 City, State, Zip: Washington, PA 15301
 Begin Date: 08/2055
 End Date: N/A
 % Ownership: 46.79
 Position/Title: CEO / Member
 Phone Number: 304-985-5555

Name: John C. Dieffenbauch
 Address: 6321 Shinn Creek Lane
 City, State, Zip: Wilmington, NC 28409
 Begin Date: 08/2005
 End Date: N/A
 % Ownership: 46.79
 Position/Title: CFO / Vice President / Member
 Phone Number: 304-985-5555

Name: Herbert L. Parsons, III
 Address: 14 Angler Drive
 City, State, Zip: Bridgeport, WV 26330
 Begin Date: 02/2012
 End Date: N/A
 % Ownership: 4.90
 Position/Title: President / Member
 Phone Number: 304-985-5555

Name: Eric N. Stewart
 Address: 12476 Buckhannon Pike
 City, State, Zip: Lost Creek, WV 26385
 Begin Date: 07/2018
 End Date: N/A
 % Ownership: 1.52
 Position/Title: VP of Engineering / Member
 Phone Number: 304-985-5555

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.