

September 17, 2008  
Proposal No.: PR-08-133

Ms. Roberta Wagner  
Purchasing Division  
2019 Washington Street, East  
Charleston, West Virginia 25305

**RFQ NUMBER: EHS90039**  
**EXPRESSION OF INTEREST**

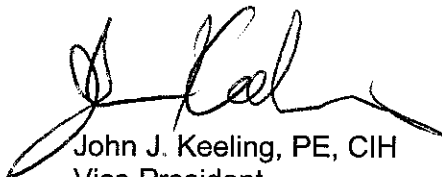
Dear Ms. Wagner:

Enclosed are an original and seven (7) copies of the Expression of Interest for the Source Water Protection Technical Help Program.

An MSES representative was in attendance at the mandatory Pre-bid meeting for this project.

If additional information is desired, please advise.

Respectively Submitted,



John J. Keeling, PE, CIH  
Vice President

JJK/anc

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GRADING DIVISION  
STATE OF WV

*Environmental*  *Engineering*  *Energy*  *Air*  
*Safety*  *Land Services*  *Waste Management*  *Water*  *Industrial Hygiene*

**GENERAL TERMS & CONDITIONS**  
**REQUEST FOR QUOTATION (RFQ) AND REQUEST FOR PROPOSAL (RFP)**

1. Awards will be made in the best interest of the State of West Virginia.
2. The State may accept or reject in part, or in whole, any bid.
3. All quotations are governed by the *West Virginia Code* and the *Legislative Rules* of the Purchasing Division.
4. Prior to any award, the apparent successful vendor must be properly registered with the Purchasing Division and have paid the required \$125 fee.
5. All services performed or goods delivered under State Purchase Order/Contracts are to be continued for the term of the Purchase Order/Contracts, contingent upon funds being appropriated by the Legislature or otherwise being made available. In the event funds are not appropriated or otherwise available for these services or goods, this Purchase Order/Contract becomes void and of no effect after June 30.
6. Payment may only be made after the delivery and acceptance of goods or services
7. Interest may be paid for late payment in accordance with the *West Virginia Code*.
8. Vendor preference will be granted upon written request in accordance with the *West Virginia Code*.
9. The State of West Virginia is exempt from federal and state taxes and will not pay or reimburse such taxes.
10. The Director of Purchasing may cancel any Purchase Order/Contract upon 30 days written notice to the seller.
11. The laws of the State of West Virginia and the *Legislative Rules* of the Purchasing Division shall govern all rights and duties under the Contract, including without limitation the validity of this Purchase Order/Contract.
12. Any reference to automatic renewal is hereby deleted. The Contract may be renewed only upon mutual written agreement of the parties.
13. **BANKRUPTCY:** In the event the vendor/contractor files for bankruptcy protection, this Contract may be deemed null and void, and terminated without further order.
14. **HIPAA BUSINESS ASSOCIATE ADDENDUM:** The West Virginia State Government HIPAA Business Associate Addendum (BAA), approved by the Attorney General, and available online at the Purchasing Division's web site (<http://www.state.wv.us/admin/purchase/vrc/hipaa.htm>) is hereby made part of the agreement. Provided that, the Agency meets the definition of a Cover Entity (45 CFR §160.103) and will be disclosing Protected Health Information (45 CFR §160.103) to the vendor.
15. **WEST VIRGINIA ALCOHOL & DRUG-FREE WORKPLACE ACT:** If this Contract constitutes a public improvement construction contract as set forth in Article 1D, Chapter 21 of the West Virginia Code ("The West Virginia Alcohol and Drug-Free Workplace Act"), then the following language shall hereby become part of this Contract: "The contractor and its subcontractors shall implement and maintain a written drug-free workplace policy in compliance with the West Virginia Alcohol and Drug-Free Workplace Act, as set forth in Article 1D, Chapter 21 of the West Virginia Code. The contractor and its subcontractors shall provide a sworn statement in writing, under the penalties of perjury, that they maintain a valid drug-free work place policy in compliance with the West Virginia and Drug-Free Workplace Act. It is understood and agreed that this Contract shall be cancelled by the awarding authority if the Contractor: 1) Fails to implement its drug-free workplace policy; 2) Fails to provide information regarding implementation of the contractor's drug-free workplace policy at the request of the public authority; or 3) Provides to the public authority false information regarding the contractor's drug-free workplace policy."

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**INSTRUCTIONS TO BIDDERS**

1. Use the quotation forms provided by the Purchasing Division.
2. **SPECIFICATIONS:** Items offered must be in compliance with the specifications. Any deviation from the specifications must be clearly indicated by the bidder. Alternates offered by the bidder as **EQUAL** to the specifications must be clearly defined. A bidder offering an alternate should attach complete specifications and literature to the bid. The Purchasing Division may waive minor deviations to specifications.
3. Complete all sections of the quotation form
4. Unit prices shall prevail in case of discrepancy.
5. All quotations are considered F.O.B. destination unless alternate shipping terms are clearly identified in the quotation.
6. **BID SUBMISSION:** All quotations must be delivered by the bidder to the office listed below prior to the date and time of the bid opening. Failure of the bidder to deliver the quotations on time will result in bid disqualifications: Department of Administration, Purchasing Division, 2019 Washington Street East, P.O. Box 50130, Charleston, WV 25305-0130

# ***1.0 Statement of Qualifications***

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## **MSES CONSULTANTS, INC. - THE FIRM**

MSES Consultants, Inc. is a multi-disciplinary environmental, engineering, planning, and management firm, headquartered in Clarksburg, West Virginia. We have amassed 32 years of successful project experience, serving private and public clients since our initial founding as an environmental consulting firm in 1976. MSES expanded rapidly to become a provider of total engineering and environmental services by the year 1978, and we have since seen our ranks swell. Today MSES' combined total professional staffing, which includes the consulting services provided by MSES, our Architectural Division, Corrosion Products Division, and Laboratory Division, totals 103 skilled professionals. Services provided include environmental, engineering, energy, air, safety, land and title, solid waste, water, wastewater, survey and mapping, database compilation, Geographic Information Systems (GIS) mapping and data management, industrial hygiene, architectural design, and training, among many other diverse capabilities offered by our talented staff of multidisciplinary in-house professionals. The professionals who support the services provided by MSES include fourteen (14) engineers, twelve (12) of whom are registered professionals, Certified Safety Professionals, Licensed Remediation Specialist, Certified Industrial Hygienists, geologist and hydrogeologist, biologists, meteorologist, GIS database and mapping specialists, asbestos air clearance monitors, asbestos inspectors, lead based paint risk assessor, six (6) professional land surveyors, and a diverse roster of professionals, scientists, technicians, technical writers, architects, and support personnel, all of whom are full time, in-house personnel.

MSES has completed more than 10,000 assignments to date. We have been heavily focused on environmental, engineering, safety, resource assessment and planning, brownfields, and project management since our founding in 1976. Many of our projects have involved surface and groundwater/hydrogeologic assessments, programs, and modeling; GIS database reviews and compilations, mapping, and data management projects; source water assessments, data compilations, mapping, and planning; contaminant source database compilations and mapping; environmental sampling and analysis; site evaluations, studies, designs, and inspections; hazardous and toxic materials removal and abatement; geotechnical investigations, assessments and reviews; brownfields assessments, planning, and cleanups; closures of environmental issues under various regulatory programs; and resource assessments, database compilations, mapping, planning, and public awareness / community involvement activities for water systems throughout West Virginia and surrounding states.

## **MSES CONSULTANTS, INC. AND THE ENVIRONMENT**

Since its inception in 1976, MSES Consultants, Inc. has developed and maintained an intimate connection with many private and public entities requiring environmental services within West Virginia. One of the unique factors that has prompted our knowledge of and responsiveness to their needs is the presence of former manufacturing facility process and environmental personnel, State and Federal agency representatives, Public Service District, City Engineer, West Virginia and Kentucky Department of Transportation, electric company, and natural gas company employees among our ranks of seasoned professionals. In addition to our familiarity

## *Statement of Qualifications*

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with environmental and engineering needs, MSES has benefited from the national and international expertise of various professionals among our ranks whom have worked for such diverse entities as CH2M Hill, Union Carbide Corporation, the U. S. Army, G. E. Specialty Chemicals, West Virginia University, the Veterans Administration, and the USEPA. These key employees contribute a wealth of knowledge and a breadth of experience that is difficult to match.

In addition to employee experience, another factor for MSES' continued success is the unusual degree of longevity and company loyalty among our personnel. Our firm was founded in 1976, and is celebrating our thirty-two (32) year milestone in 2008 of operating under the same name, with the same management personnel, and same management philosophy. Our many long-term and repeat clients are appreciative of the continuity that this affords, and are refreshed with the degree of familiarity and prior knowledge with which each subsequent project is met. It is this unique combination of knowledgeable, experienced, talented, and devoted principals and employees that has brought MSES Consultants to the forefront as a provider of total environmental, engineering, planning, and management services for the environmental industry.

### **DEPTH OF PERSONNEL**

MSES maintains a staff of highly trained and experienced personnel, including all the technical disciplines necessary to fully staff projects of all sizes and types. Our personnel demonstrate the education, certifications, and experience qualifications required to accommodate all the needs for the State of West Virginia, Department of Health and Human Resources (DHHR), Bureau for Public Health (BPH), Office of Environmental Health Services (OEHS)' Source Water Protection Technical Help Program (SWPTHP).

Our staff's stable employment record enables the firm to assemble project teams that have worked together before, and that possess a good knowledge of how individual strengths fit together to form an effective team. The firm is able to assemble teams composed of individuals whose capabilities are tested and well known to our establishment. We assign senior staff to management roles on all our projects. The multi-disciplinary depth of our staff is reflected by the Professional Staff Chart, found on Page 1-3, while a listing of current and pending professional registrations is provided by the chart located on Page 1-4. The depth of our staff in each category permits performance of large assignments, as well as simultaneous performance of many jobs that do not require full-time commitment of individuals. Our experience and diverse staffing capabilities allow us to draw upon specialized personnel to facilitate unique project requirements. The wide variety of services that MSES Consultants, Inc. provides makes it possible for clients to establish a working relationship with us as a single source consultant. We are organized to ensure that all clients are provided with a high level of personal and professional attention.

## *Statement of Qualifications*

### MSES CONSULTANTS AND THE SWPTHP

MSES believes that we are a firm which offers a broad range of resources and expertise, whose location within the City of Clarksburg and intimate knowledge of the State of West Virginia and its challenges will be of particular value in accomplishing the DHHR's goals and objectives. We are confident that MSES will prove to be an extension of the DHHR's efforts, enhancing its vision on a long term basis. As many of our clients have found - we are their best kept secret.

### PROFESSIONAL STAFF

MSES Consultants, Inc. employs a professional staff of multi-educated, full-time professionals with experience in numerous disciplines. The MSES (non-Architectural, Corrosion Products, and Laboratory Divisions) staff consists of:

Category	Number of Employees	Education		
		Associate Degrees	Bachelor Degrees	Advanced Degrees
Administrative	4	2	2	--
Chemical Engineer	1	--	1	1
Chemist	1	--	1	--
Civil Engineer	3	--	3	--
Resident Construction Engineer	2	1	1	--
CAD/Design Draftsman	2	--	2	--
CAD/Drafter	4	3	1	--
Environmental Geographer (GIS)	1	--	1	--
Ecologist	1	--	1	1
Meteorologist	1	--	1	--
Electrical Engineer	3	--	3	--
Geologist	1	--	1	--
Hydrologist	1	--	1	1
Landscape Architect	1	--	1	--
Environmental Engineer	2	--	2	1
Mechanical Engineer	2	--	2	--
Mining Engineer	2	--	2	1
Industrial Engineer	1	--	1	--
Sanitary Engineer	2	--	2	--
Soil Engineer	2	--	2	--
Transportation Engineer	1	--	1	--
Certified Industrial Hygienist	2	--	2	--
Certified Safety Professionals	2	--	2	--
Safety Engineer	1	--	1	1
Land and Right-Of-Way Agents	3	--	3	--
Paralegal	2	--	2	--
Surveyors	6	4	2	--
Economist	1	--	1	1
Biologist	2	--	2	2
Botanist	1	--	1	1
Engineering Technicians	4	3	1	--
Survey Support	11	4	--	--

MSES' professionals are supported by the latest in field data collectors, computers and computer software, electronic and satellite survey, computer-aided drafting and design, and our in-house graphic and reproduction center.

## Statement of Qualifications

### PROFESSIONAL REGISTRATIONS

MSES has, since 1976, provided its professional services in seven eastern states surrounding West Virginia. Provided is a listing, by state, of the professional disciplines and type of registration per each state or national registry (excludes Architectural Division):

Discipline	MSES Staff Members Per State								National
	WV	NY	PA	MD	VA	TN	KY	OH	
<b>Surveyor</b>	8	3	3	3	0	2	3	3	
<b>Engineers</b>									
Civil	3	1	2	1	3	0	3	3	
Chemical	1	0	1	0	1	0	1	1	
Electrical	3	1	2	1	2	1	1	2	
Mechanical	2	1	2	1	2	1	1	2	
Environmental	2	1	1	1	1	1	1	1	
Structural	1	0	1	0	1	0	1	0	
Safety	1	0	1	1	1	0	1	1	
Mining	1	0	1	1	1	0	1	1	
<b>Geologist</b>	--	--	--	--	1	--	--	--	
<b>Asbestos</b>									
Inspectors	4	--	0	0	1	0	0	1	
Samplers	4	--	0	0	1	0	0	1	
Planner	4	--	0	0	1	0	0	1	
Manager	4	--	0	0	1	0	0	1	
<b>Lead Risk Assessor</b>	1	--	--	--	--	--	--	--	
<b>Licensed Remediation Specialist</b>	1	2	--	--	--	--	--	4	
<b>Underground Storage Tank</b>									
Inspector	4	0	0	0	0	0	0	0	
Designer/Installer	2	0	0	0	0	0	0	0	
Cathodic Protection Class D/E	4	0	0	0	0	0	0	0	
<b>Certified Monitor Well Designer/Driller</b>	4	--	2	0	--	--	0	--	
<b>Certified Safety Professional</b>	--	--	--	--	--	--	--	--	2
<b>Certified Industrial Hygienist</b>	--	--	--	--	--	--	--	--	2
<b>Certified Landfill Operator (SWANA)</b>	--	--	--	--	--	--	--	--	3
<b>NACE Certified</b>									
Corrosion Technician	--	--	--	--	--	--	--	--	3
Sr Corrosion Technologist	--	--	--	--	--	--	--	--	1
<b>Licensed Real Estate Agent</b>	2	--	--	--	--	--	--	--	

The term "pending" displayed under a given state indicates that members of MSES' staff have tested for the particular registration but results are not known. The symbol "--" displayed under a given state indicates that state has no registration program for the particular discipline.

# *Statement of Qualifications*

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## **OVERALL CAPABILITIES**

MSES Consultants, Inc. is one of the largest West Virginia-owned and diversified consulting environmental, engineering, planning, and management firms in the State. For 32 years we have provided quality services to a wide range of public and private clients, with environmental projects representing a significant portion of our past and present assignments.

Due to the many factors discussed previously, MSES is intimate with all aspects of environmental projects, ranging from site and subsurface investigations, surface water and hydrogeologic characterizations, and Phase I, II, and III environmental transaction screens, assessments and remediation, to assessments and permitting of site environmental issues under various regulatory programs (RCRA, CERCLA, WV Voluntary Remediation and Redevelopment Act, etc.). Our past project work with water treatment plants, including plant upgrades, risk management plan development, and vulnerability training, enables us to have a good understanding of water system challenges. In addition, we are keenly aware of the many challenges and problems that may be inherent to these processes throughout the planning and performing of our project activities. The benefits of our experience and diligence are perhaps most effectively demonstrated by our large number of long term clients. For many, we have provided continuing services for multiple projects for more than 25 years.

The MSES Project Team's extensive experience in environmental projects will facilitate the successful, economical, and efficient completion of the BPH SWPTHP project.

## **SUPPORT FACILITIES**

In order for a team to be effective, it must be supported by modern and extensive equipment and data processing resources. As a full service organization, MSES possesses the facilities necessary to support all aspects of its projects, from the collection of field and survey data to the reduction, analysis, and final presentation of project data. State-of-the-art software is also used for complex modeling and data presentation, and the development of site-specific community visual productions.

### **Field Equipment and Support Facilities**

The firm maintains a large fleet of vehicles, and an extensive inventory of equipment for field sampling and other activities. These facilities are unique among consulting engineers and are integral to MSES, as our personnel perform the field activities for all our projects.

### **Surveying/Global Positioning Equipment**

We utilize the most modern electronic devices for surveying activities, with an accuracy up to the first and second order. Survey data are logged in the field via state-of-the-art electronic

## *Statement of Qualifications*

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equipment and downloaded into office computers and data plotters. In addition, we utilize global positioning equipment for certain categories of surveying. These devices are also electronically linked through special software to our plotting and design equipment. MSES' GIS equipment is Wide Area Augmentation System (WAAS) capable.

### **Data Processing/Automated Drafting**

MSES has a large number of Computer-Aided Design and Drafting (CADD) systems. We now have over 26 CADD units of various types and configurations in use daily on our projects. We utilize both AutoCADD and the more powerful Intergraph CADD units for design and data reduction and presentation. In addition, we have an in-house networked system of computers and processing equipment, with a fully networked array of programs to assemble and download data, and manage tables, databases and spreadsheets. We are versed in Geographic Information Systems (GIS) methods, with expertise in ARC/Info and Small Worlds. MSES utilizes ESRI ARC GIS 9.2, 3-D Analyst, Spatial Analyst, and 3-D Analyst Survey. MSES also utilizes MS Access 2007

### **MSES and GIS**

MSES boasts an experienced staff that is knowledgeable in the data collection, survey, map development, and Geographic Information System (GIS) skills required for the development of databases (including Access database platform) and mapping for the assessment of water resources and systems. MSES' professional staff includes experienced GIS personnel who have completed four (4) year college degrees in GIS technology, as well as having many years of professional experience in mapping and data management. Complementing these GIS personnel are record research individuals, Global Position System (GPS) surveyors, database developers, trainers, IT specialists, webmasters, GIS compilers, GIS technicians, and GIS mappers. These individuals will comprise the GIS team to be assigned to the SWPTHP project.

This experienced project team utilizes the latest published software and related tools to develop GIS mapping systems. Among these software packages are:

- ESRI Arc View (latest edition)
- ESRI Arc Info (latest edition)
- Blue Marble Geographics Geographic Transformer (latest edition)
- AutoCAD 2007
- Microsoft Access (latest edition)
- dBase IV



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- DeLorme XMap (latest edition)
- Trimble GPS Pathfinder (latest edition)
- Trimble GeoXT (latest edition)
- Microsoft Visual Basic.net Standard

MSES utilizes these GIS services for specialized analyses and geographically-oriented database construction and depictions.

### **Computers/CADD**

MSES has successfully integrated the disciplines of engineering, surveying, mapping, and data processing into a very efficient blend of talent. Computer services at MSES began in 1984; since then the firm has continuously augmented the equipment capabilities and system support staff.

MSES maintains a computer-aided design and drafting (CADD) system, which increases the efficiency of planners, designers, and engineers, and allows greater design flexibility.

MSES has more than fifteen (15) years of direct CADD experience with its own in-house CADD system, consisting of both AutoCAD and InterGraph CADD work stations. Our survey equipment, GPS instruments, and hand-held computerized data collectors are integrated to download field information directly into our in-house network system.

In addition to engineering software, MSES uses the latest PC-based support tools to manage and enhance its assignments, including project management, spreadsheet, database management, graphic, word processing, and desktop publishing.

### **INFORMATION EXCHANGE**

MSES finds that an integral component of any successful project is communication with our client. We routinely establish a secure, password and firewall protected, internet-based file transfer protocol (FTP) site that allows our client to review on a real-time basis information such as text documents, database files, mapping, laboratory results, scheduling, drawings, and other project-related information. The project FTP sites are generally updated once daily during the work week, allowing the client to access and review project data at his/her convenience. MSES finds this additional communication tool to be extremely valuable in our interaction with our clients, and have found that this serves as an effective avenue for the exchange of project information.

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### **COST ACCOUNTING SYSTEM**

MSES utilizes computer-based software to track the labor and expenses associated with each of our projects. Each member of MSES' staff and any subcontractors must provide a weekly accounting of hours expended on each project and any expenses incurred. This information is entered into MSES' in-house job tracking and accounting software, which allows a real-time analysis of labor and expenses expended versus budgeted amounts. The tracking of labor and expenses and other administrative controls allow for an accurate accounting of project costs. This accounting system and its resulting reporting as summaries by task for MSES' costs and any subcontractors' costs was accepted by the USEPA and, on many occasions, MSES received praise from the agency for our cost tracking and accountability systems as used for various USEPA Brownfields grants.

### **PROJECT TEAM CLIENT REFERENCES**

**United States Environmental Protection Agency, Region III**

1650 Arch Street  
Philadelphia, PA 19103-2029  
Mr. Tom Stolle  
Region III Brownfields Program Manager  
215/814-3129

**United States Environmental Protection Agency, Region III**

1650 Arch Street  
Philadelphia, PA 19103-2029  
Mr. Andrew Kreider  
Region III Brownfields Project Manager  
215/814-3301

**United States Environmental Protection Agency, Region III**

1650 Arch Street  
Philadelphia, PA 19103-2029  
Ms. Felicia Fred  
Region III Brownfields Coordinator  
215/814-5524

**United States Environmental Protection Agency, Region III**

Removal Enforcement and Oil Section  
1060 Chapline Street, Suite 303  
Wheeling, WV 26003  
Mr. Dennis Matlock  
On-Scene Coordinator  
304/234-0284

**United States Department of Agriculture Natural Resources Conservation Services**

75 High Street  
Morgantown, WV 26505  
Ms. Theresa Hafer  
Contracting Officer  
304/284-7557

**United States Department of Agriculture Natural Resources Conservation Service**

75 High Street  
Morgantown, WV 26505  
Mr. Jay Hanna  
Planning/Civil Engineer  
304/284-7557

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### **West Virginia Department of Environmental Protection**

Division of Water and Waste Management  
Solid Waste Management Section  
601 57th Street SE  
Charleston, WV 25304-2345  
Mr. Sudhir Patel  
Engineering Supervisor  
304/926-0499 ext. 1295

### **West Virginia Department of Environmental Protection**

Division of Land Restoration  
Office of Environmental Remediation  
601 57th Street SE  
Charleston, WV 25304-2345  
Mr. Ken Ellison  
Director  
304/926-0499 ext. 1263

### **West Virginia Department of Environmental Protection**

Division of Land Restoration  
Office of Environmental Remediation  
2031 Pleasant Valley Road, Suite 1  
Fairmont, WV 26554  
Mr. Jim Maurin  
VRP Project Manager  
304/368-3950

### **West Virginia Department of Environmental Protection**

Division of Land Restoration  
Office of Environmental Remediation  
2031 Pleasant Valley Road, Suite 1  
Fairmont, WV 26554  
Dr. Pasupathy Ramanan, Ph. D.  
VRP Project Manager  
304/368-3950

### **West Virginia Department of Environmental Protection**

Division of Water and Waste Management  
Solid Waste Management Section  
601 57th Street SE  
Charleston, WV 25304-2345  
Mr. Richard L. Pino  
Technical Analyst  
304/926-0499 ext. 1323

### **West Virginia Department of Environmental Protection**

Division of Land Restoration  
Office of Environmental Remediation  
601 57th Street SE  
Charleston, WV 25304-2345  
Mr. Don Martin  
Assistant Director  
304/926-0499

### **West Virginia Department of Environmental Protection**

Division of Land Restoration  
Office of Environmental Remediation  
2311 Ohio Avenue  
Parkersburg, WV 26101  
Mr. Andrew Robinson, C.P.G.  
VRP Project Manager  
304/420-4550

### **West Virginia Department of Environmental Protection**

Office of Air Quality  
601 57th Street SE  
Charleston, WV 25304-2345  
Ms. Lucy Pontiveros  
Assistant Chief, Hazardous and  
Solid Waste Management Section  
304/926-0499 ext. 1243

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### **Marion County Planning Commission**

1<sup>st</sup> Floor, J. Harper Meredith Building  
200 Jackson Street  
Fairmont, WV 26554  
Mr. Richard Walton  
County Planner/Economic Development Director  
304/367-5341

### **Fairmont State University**

1201 Locust Avenue  
Fairmont, WV 26554  
Mr. Bill Bickerstaff  
Safety/Environmental Coordinator  
304/367-4277

### **U. S. District Court, Northern District of WV**

P. O. Box 791  
Wheeling, WV 26003  
The Honorable Frederick P. Stamp, Jr.  
Federal District Judge  
304/233-1120

### **Mid-Ohio Valley Regional Council**

P. O. Box 247  
531 Market Street  
Parkersburg, WV 26101  
Mr. Fred L. Rader  
Community Development Director  
304/422-4993

### **Marion County Board of Education**

200 Gaston Avenue  
Fairmont, WV 26554  
Dr. James Phares  
Superintendent  
304/367-2100

### **Fairmont Specialty Services**

Marion Industrial Park  
Route 1, Box 351  
Fairmont, WV 26554  
Mr. Matt Bruce  
EHS & Quality Manager  
304/534-3014

### **Randolph County Development Authority**

West Virginia Wood Technology Center  
10 Eleventh Street  
Elkins, WV 26241  
Ms. Jennifer Giovanitti  
Director  
304/637-7916

### **City of Clarksburg**

222 West Main Street  
Clarksburg, WV 26301  
Mr. Martin Howe  
City Manager  
304/624-1677

### **City of Clarksburg**

222 West Main Street  
Clarksburg, WV 26301  
Mr. Frank Ferrari  
Director of Finance  
304/624-1650

### **City of Clarksburg**

222 West Main Street  
Clarksburg, WV 26301  
Mr. Frank Scarcelli  
Superintendent of Public Works  
304/624-1611

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### **Novelis Corporation**

1800 Speedway Avenue  
Fairmont, WV 26554  
Mr. Paul Zanussi  
Safety & Environmental Manager  
304/367-5200

### **Philips Lighting**

Hoult Road  
Fairmont, WV 26554  
Mr. Doug Shriver  
Maintenance & Environmental Coordinator  
304/367-3668

### **Robinson & McElwee**

400 Fifth Third Center  
700 Virginia Street, East  
Charleston, WV 25301  
Mr. David Yaussy  
Senior Environmental Attorney  
304/347-8358

### **Cytec Industries, Inc.**

1 Heilman Avenue  
Belmont, WV 26134  
Mr. John Pitner  
Special Projects Engineer  
304/665-2422

### **Dominion Resources**

445 West Main Street  
Clarksburg, WV 26301  
Mr. Mark Reaser  
Team II Engineering Projects Manager  
304/623-8000

### **Fast Stop Food Mart #2**

1 Hill Street  
Buckhannon, WV 26201  
Mr. Randall Tenney  
Owner  
304/473-8054

### **Steptoe and Johnson**

Chase Tower, Eighth Floor  
P. O. Box 1588  
Charleston, WV 25326-1588  
Mr. Robert Pollitt  
Senior Environmental Attorney  
304/353-8137

### **Jackson & Kelly**

1600 Laidley Tower  
Charleston, WV 25322  
Mr. David Flannery  
Environmental Department Chairman  
304/340-1017

### **The Fenton Art Glass Company**

700 Elizabeth Avenue  
Williamstown, WV 26187  
Mr. George Fenton  
President  
304/375-6122

### **UCAR Carbon Company, Inc.**

P. O. Box 2170  
Clarksburg, WV 26302-2170  
Mr. David Reep  
Site Manager  
304/624-1222

## *Statement of Qualifications*

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### **Mylan Pharmaceuticals**

P. O. Box 4310  
Morgantown, WV 26505  
Mr. Scott Marshall  
Associate Director  
800/826-9526

### **Kroger Food Stores, Inc.**

P. O. Box 14002  
Roanoke, VA 24038  
Ms. Carrie Pugh  
Mid-Atlantic Director of Real Estate  
540/563-3634

### **Metsch Refractories, Inc.**

P. O. Box 268  
Chester, WV 26034  
Ms. Melisse Osterman  
Director  
304/387-1067

### **Morgantown Industrial Park**

**Associates, L.L.C.**  
1000 Dupont Road  
Morgantown, WV 26505  
Mr. Don Kuhns  
Manager  
304/292-9453

### **Allied Waste, Inc.**

2 12th Street  
P. O. Box 2828  
Fairmont, WV 26554  
Mr. Ron Levine  
Manager  
304/366-8076

### **Waste Management, Inc.**

7 Spring Street  
Charleston, WV 25302  
Mr. Jon Webster  
Manager, Engineering and Environmental  
Protection, West Virginia Market Area  
304/720-7616

## ***1.1.0 Key Personnel***

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### **KEY PERSONNEL**

The MSES Consultants Inc. (MSES) professional staff for this project is described below. These individuals have all had long term employment with MSES. All personnel assigned will be full time MSES employees. No sub-consultants will be required for this project. The professional resumes for all Key Project Personnel are contained as the last attachment to this Expression of Interest.

#### **Program Manager**

John Keeling, PE CIH, who is a Civil Engineer by education, is the Vice President of MSES and has been involved with a variety of environmental and engineering projects with MSES since 1990. Keeling is a Registered Professional Engineer (PE) in West Virginia, Kentucky, and Maryland. He is a Certified Industrial Hygienist (CIH) through the American Board of Industrial Hygienists (ABIH).

Keeling has sixteen (16) years of engineering, occupation, health and environmental protection experience with Union Carbide Corporation and nineteen (19) years of engineering and environmental experience with MSES Consultants. He was one of the MSES team who provided water system counter-terrorism training to West Virginia water plant operators in 2004 for the West Virginia DHHR, Bureau for Public Health. In addition to the Project Manager position for the project, he will be the lead MSES presenter at the community communications meetings. Keeling has extensive experience presenting technical information to community groups.

#### **SWAP Project Manager**

Charles Muncy, Jr., PE, LS, who is a Civil Engineer by education, is a Project Manager for MSES and has been involved with a variety of engineering and environmental projects with MSES since 1990. Mr. Muncy is a Registered Professional Engineer (PE) in West Virginia, Ohio, Virginia, and North Carolina. He is a Licensed Surveyor (LS) in West Virginia.

Muncy has fourteen (14) years of experience with other engineering and consultation companies in the area of engineering and environmental protection. He has extensive knowledge of water systems and groundwater / surface water protection. Muncy has managed multiple projects since 2000 which involved Geographic Information System (GIS) tools. These included mapping, disposal cell design, and environmental compliance for Waste Management, Inc. landfills in Harrison and Wood Counties, environmental site assessments for large property tracts, and natural gas pipeline / well location mapping projects.

## *Key Personnel*

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### **GIS Coordinator**

Echols Hylton is the MSES GIS Department Coordinator. He has degrees in GeoSciences and Geography. Hylton coordinates all the MSES GIS projects for a variety of government and public companies. His knowledge of ARC GIS 9.2 and Access databases will allow for efficient flow of information between MSES and BPH.

### **Quality Control / Quality Assurance**

Lawrence Rine, who is both a Mechanical and Mining Engineer by education, is the President of MSES and has been involved with a variety of engineering and environmental projects since the creation of MSES in 1976.

Rine will perform the Quality Control / Quality Assurance reviews of information generated for reports.

### **Other Key Personnel**

The professional resumes for the SWAP specialists and other key personnel not discussed above are located in the last section of this Expression of Interest behind the Attachments tab.



## ***1.2.0 Past Performance***

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### **PAST PERFORMANCE**

MSES has conducted numerous projects associated with both public and private water systems, as well as numerous environmental site assessment / remediation projects. MSES has selected four (4) projects to present for this Expression of Interest.

#### **West Virginia Public Water System Operator Training for Counter-Terrorism Preparation, West Virginia DHHR, Bureau for Public Health.**

The DHHR Project Manager for this project was Mr. Robert Hart. MSES was selected for this project by BPH as the most qualified firm to prepare and provide this training. The training project required a thorough understanding of water plant operations and measures necessary to protect the integrity of the water supply. MSES prepared the presentation, which also included tabletop exercises, and presented the one (1) day class to water treatment plant operators throughout the State of West Virginia. All aspects of the project were completed on time and within budget.

#### **USEPA Brownfield Assessment/Clean-up Grant Projects for the City of Clarksburg**

The City of Clarksburg retained MSES as the most qualified firm to conduct the USEPA Brownfields assessments and clean-up projects for the City of Clarksburg. The Brownfield Program Coordinator for the City of Clarksburg is Mr. Anthony Bellotte (304-624-1681).

The community wide hazardous materials assessment grant began in 2000 and has resulted in the awarding of three (3) clean-up grants. The assessment grant was successfully completed in 2004 and two of the clean-up grants that began in 2005 are nearing completion. This project involved Phase I Environmental Site Assessments to identify past and present contamination / historic practices at five (5) former industrial sites. Four (4) Phase II Environmental Site Assessments, which involved sample collection and delineation of extent of contamination, reporting, and conducting of public meetings with residents were performed as part of that project. The clean-up projects require additional public meetings, cost estimation for remediation, preparation of clean-up specifications for bidding, oversight of selected contractors, participation in the West Virginia Voluntary Remediation Program, and reporting.

The funding for these grants exceeded \$500,000.00, with all reporting meeting the USEPA timeline requirements. These projects will be completed during the first quarter of 2009.

## *Past Performance*

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### **Former Cullet Disposal Area Closure, Fenton Art Glass Company, Williamstown, West Virginia**

MSES has served as Fenton's consulting engineer since 1991 in the characterization and closure of an on-site former disposal area of glass waste materials, now deemed by changing State and Federal regulations as hazardous waste. MSES' remediation design for this area addressed not only environmental concerns, but resulted in the creation of additional usable space for this successful, ever-growing business venture. MSES performed extensive Phase I, II, and III environmental activities at the site, including detailed subsurface investigations, site mapping, and sampling/analysis programs to define the character and extent of the waste; and extensive hydrogeologic investigations, including area water well inventories, groundwater monitoring well installation, development, sampling, and analysis, aquifer studies and pump test analyses. These data were utilized to develop a detailed site characterization and treatment and closure plan for the 1.2 acre hazardous waste disposal area, calling for its innovative in-place closure, a detailed groundwater monitoring plan, re-sloping and compaction of existing materials in the disposal area, and installation of synthetic and soil liners to cap this area. MSES coordinated all regulatory agency interactions for the Plan's approval, negotiated the Closure Consent Order with WVDEP, secured its acceptance by Region III of the U. S. Environmental Protection Agency, and then incorporated the remedial design and Fenton's vision for much needed additional usable space into a design for the expansion of the manufacturing buildings and associated parking lot and storage facilities. MSES developed the design and all contractual and bidding documents, conducted public information meetings, directed the soliciting and contracting of the successful contracting/subcontracting firms, and provided the construction management, field supervision, quality assurance/quality control of closure activities and materials used, and compliance documentation. The project has been re-defined under the auspices of the West Virginia Brownfields program, and is in the closure monitoring phase to ensure continued efficacy of the remedial design. It is now presented by the WVDEP as a model for successful closure, by combining environmental remediation with the additional benefit of the creation and utilization of valuable space for business expansion.

### **U. S. D. A. Natural Resources Conservation Service and the West Virginia Soil Conservation Agency, County-Wide Water Resources Assessments and Master Plans for McDowell, Wetzel, Randolph, Fayette, and Hardy Counties, West Virginia**

MSES was awarded a five year indefinite delivery contract to provide comprehensive planning for water resources (groundwater and surface water supplies, water reservoirs, water treatment and distribution systems, and wastewater collection and treatment systems) within a given county or geographic area, which included establishing present

## *Past Performance*

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water system resources and conditions and providing comprehensive plans to upgrade the raw water, water treatment, water distribution, and wastewater treatment and collection systems and allow for their future expansion, as necessary. Six (6) studies (McDowell, Fayette, Randolph, Wetzel, Grant- Pendleton, and Hardy Counties) were completed

MSES performed a comprehensive study of each of the subject counties/regions, which entailed extensive review of existing information obtained from file searches and interviews with local, County, State, and Federal agencies, research of publicly-available documents and electronic database searches regarding groundwater and surface water sources, water quality, quantity and quality of wastewater discharges, current and projected demographics and socioeconomic characteristics, cultural resources, and information regarding the geology, hydrogeology, topography, soils, surface waters, etc. Emphasis was also placed on the quality of surface and groundwaters, and the identification of cultural resources, contaminant sources, and environmentally sensitive areas. Treatment plants were identified and their service areas delineated, with physical inspections of facilities and detailed review of existing documentation and interviews with operators performed. The data gathering phase of each study permitted the characterization of all aspects of water resources within each county, with the identification of existing system capabilities, the problems and needs of each system, and their specific impediments to improvements. This compilation of background information was then utilized as a basis for the development of alternative solutions to the identified problems and needs, established within the constraints of the physical, economic, and environmental conditions of each individual system. The data and suggested solutions were reviewed by various federal, state, county, and local agencies, and presented to the citizenry via a series of public meetings, with input solicited regarding the desirability and feasibility of each suggested alternative. This feedback prompted the selection of desirable alternative(s) for the systems within each county, from which the resulting County-Wide Implementation Plan was developed. The plans provide long range strategies for upgrades in the form of components, where each component can be utilized as a basis for future improvements. This phasing of the design components prompts the ease of procuring funding, and the accomplishment of the long range planning for each county by providing for a series of independent, yet cumulative, solutions to the problems and needs of each water or wastewater system

## 1.3.0 Technical Approach

### TECHNICAL APPROACH

#### Task 1 – Project Initiation

If selected for this project, MSES will utilize a total of six (6) environmental department staff members to serve as Source Water Assessment and Protection (SWAP) Specialists. Each MSES SWAP Specialist will be assigned multiple community public water supply (CPWS) systems, as listed below:

Individual	District	Number of Ground Water Systems	Number of Surface Water Systems
David Fisher	St. Albans	--	12
Krista Rembold	St. Albans	--	12
William Smith	St. Albans	9	--
Catherine Monahan	Wheeling	12	--
Rex Tennant	Wheeling	7	--
Ron Cutlip	Wheeling	--	8

The MSES Program and Project Managers will schedule a meeting with the BPH Project Manager to obtain data and to establish the project schedule.

#### Task 2 – CPWS System Area Site Visits to Obtain PCS Information

Once the existing BPH SWAP Program and existing inventory documents are available to MSES, the MSES Program Manager and MSES SWAP Project Manager will review them to determine specific assignments for the SWAP Specialists and to insure that the Zone of Critical Concern (ZCC) is understood by the SWAP Specialists for each of their assigned CPWS.

An Access database will be prepared for the project using existing data from BPH's GIS Coordinator. The Access database will include for each CPWS surface or groundwater source potential contamination sources. The specific locations for these potential contamination sources will be determined through site visits by the MSES SWAP Specialist assigned to that location.

## ***Technical Approach***

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### **Task 3 – Draft Management and Contingency Plan Format Preparation**

Formats will be prepared for the Management and Contingency Plans. Example plans will also be prepared (one for surface water CPWS and one for groundwater CPWS) for use in the CPWS project initiation meetings.

### **Task 4 – CPWS System Project Initiation Meeting Preparation**

A base Powerpoint presentation will be prepared to utilize as the presentation format for each meeting. The Powerpoint presentation will describe the SWAP Programs, provide the explanation of why they are being conducted, and the goals anticipated to be achieved for each CPWS System. The example management and contingency plans will also be included in the Powerpoint presentation, as well as specific potential contamination source (PCS) listings.

This information will be provided to the BPH Project Manager for review and comment prior to scheduling the CPWS Meetings.

Once BPH approval is received, a proposed schedule for the meetings and target list of crucial attendees will be prepared and submitted to the BPH Project Manager for review and comment prior to scheduling.

### **Task 5 – CPWS System Project Initiation Meetings**

The MSES SWAP Specialists for the CPWS systems and the MSES Program Manager or Project Manager will initiate, coordinate, and conduct a project initiation meeting for each CPWS system.

The Powerpoint presentation prepared in Task 4 will be used to insure that all CPWS Systems receive consistent information about the programs. The meeting will become interactive to review and discuss the PCSs. Anticipated program outcomes will be reviewed for the specific PCSs and questions will be answered.

### **Task 6 – PCS Survey for PCSs Within the Well Head and ZCC Areas**

All newly identified regulated and unregulated PCSs within each CPWS System wellhead and ZCC areas will be located by GPS and photographed. This information will be added to the database and included in the report. The database and report for each CPWS System will be provided to the BPH Project Manager for review and content.

### **Task 7 – Management Plans Prepared**

Using the approved format from Task 3, MSES will prepare a complete Management Plan for each CPWS System. Each Management Plan will be provided to the BPH Project Manager for review and comment. Once all comments are received, each Management Plan will be finalized.

### **Task 8 – Contingency Plans Prepared**

Using the approved format from Task 3, MSES will prepare a Complete Contingency Plan for each CPWS System. Each Contingency Plan will be provided to the BPH Project Manager for review and comment. Once all comments are received, each Contingency Plan will be finalized.

### **Task 9 – Follow-up CPWS System Meetings**

Following completion of Task 8, MSES and the BPH Project Manager will schedule a follow-up meeting with each CPWS System. The completed database, Management Plan, and Contingency Plan will be reviewed for comment from the CPWS System meeting attendees.

### **Task 10 – Site Specific Reports**

MSES will prepare the site specific reports for each CPWS System, which will include all community meeting summaries, the PCS inventory, Management Plan (including BMPs), Contingency Plan, BMP implementation recommendations (including funding sources), estimated implementation costs, and other BPH required content

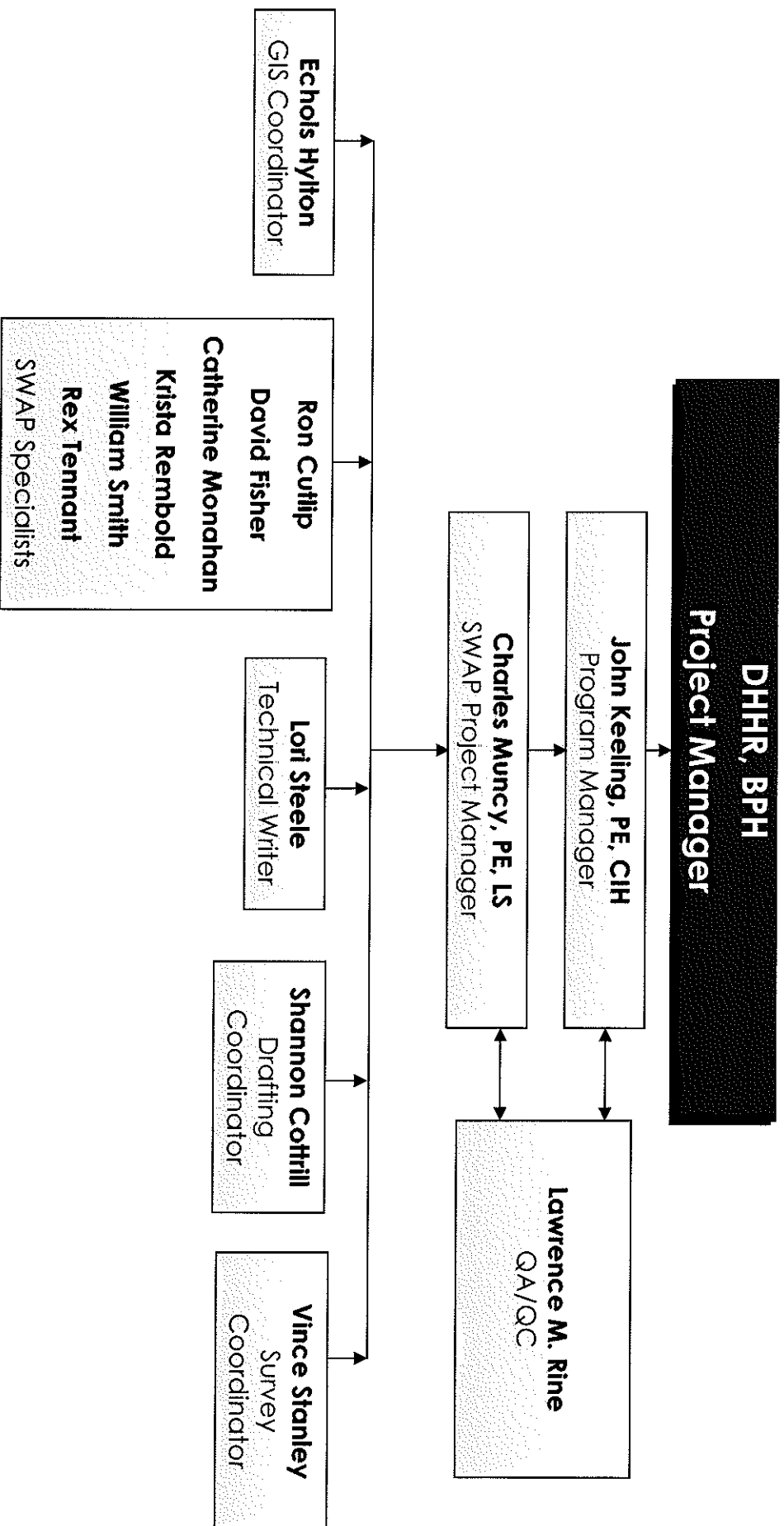
The reports will also include mapping, updated Access database, photographs, and other elements, as identified by MSES and BPH as the project proceeds.

### **Task 11 – Project Closure Meetings**

Once the final reports are approved by the BPH Project Manager, MSES and the BPH Project Manager will schedule and invite attendees to a Project Closure Meeting for each CPWS System.

The purpose of this meeting will be to explain the results, conclusions, and recommendations.

**Organizational Chart**  
**MSES Consultants, Inc.**  
**Source Water Technical Help Program**



ACTIVITY										
Project Initiated with Assignments	///									
CPWS System Site Visits		///								
Draft Mgt. & Contingency Plan Format Preparation			///							
CPWS Initial Mtg. Preparation										
Project Initial Meetings with each CPWS										
SWAP Spec Review Previous Source Water Assessments and New PCS		///								
Prepare Mgt. & Contingency Plans										
Prepare Draft PCS Maps										
Follow-up Meetings										
Revisions to PCS Map / Plans										
Site Specific Report				///	///					
Project Closure Meetings							///	///	///	///
<b>MONTH</b>	Jan 09	Feb	Mar	June	July	Aug	Sept	Oct	Nov	
<b>YEAR</b>	2010									

**Section 1.3.2  
Timeline for  
Source Water Technical Help  
Program Preparation**



# **ATTACHMENTS**

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STATE OF WEST VIRGINIA  
Purchasing Division

## PURCHASING AFFIDAVIT

### VENDOR OWING A DEBT TO THE STATE:

*West Virginia Code* §5A-3-10a provides that: No contract or renewal of any contract may be awarded by the state or any of its political subdivisions to any vendor or prospective vendor when the vendor or prospective vendor or a related party to the vendor or prospective vendor is a debtor and the debt owed is an amount greater than one thousand dollars in the aggregate

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

*West Virginia Code* §21-1D-5 provides that: Any solicitation for a public improvement construction contract shall require each vendor that submits a bid for the work to submit at the same time an affidavit that the vendor has a written plan for a drug-free workplace policy in compliance with Article 1D, Chapter 21 of the West Virginia Code. A public improvement construction contract may not be awarded to a vendor who does not have a written plan for a drug-free workplace policy in compliance with Article 1D, Chapter 21 of the West Virginia Code and who has not submitted that plan to the appropriate contracting authority in timely fashion. For a vendor who is a subcontractor, compliance with Section 5, Article 1D, Chapter 21 of the West Virginia Code may take place before their work on the public improvement is begun

### ANTITRUST:

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

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

### LICENSING:

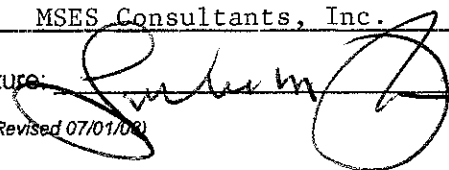
Vendors must be licensed and in good standing in accordance with any and all state and local laws and requirements by any state or local agency of West Virginia, including, but not limited to, the West Virginia Secretary of State's Office, the West Virginia Tax Department, West Virginia Insurance Commission,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

### CONFIDENTIALITY:

The vendor agrees that he or she will not disclose to anyone, directly or indirectly, any such personally identifiable information or other confidential information gained from the agency, unless the individual who is the subject of the information consents to the disclosure in writing or the disclosure is made pursuant to the agency's policies, procedures and rules. Vendors should visit [www.state.wv.us/admin/purchase/privacy](http://www.state.wv.us/admin/purchase/privacy) for the Notice of Agency Confidentiality Policies.

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

Vendor's Name: MSES Consultants, Inc.

Authorized Signature: 

Date: 09/17/08



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

# Request for Quotation

RFQ NUMBER  
 EHS90039

PAGE  
 1

ADDRESS CORRESPONDENCE TO ATTENTION OF  
 ROBERTA WAGNER  
 304-558-0067

RFQ COPY

TYPE NAME/ADDRESS HERE

MSES Consultants, Inc.  
 PO Drawer 190  
 Clarksburg, WV 26302-0190

HEALTH AND HUMAN RESOURCES  
 BPH ENVIRO HLTH SERVICES  
 CAPITOL AND WASHINGTON STREETS  
 1 DAVIS SQUARE, SUITE 200  
 CHARLESTON, WV  
 25301-1798 304-558-2981

DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
08/05/2008				

BID OPENING DATE: 09/18/2008 BID OPENING TIME 01:30PM

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
0001	1	JB		906-00-00-001		
<p>ARCHITECT/ENGINEERING SERVICES, PROFESSIONAL</p> <p>EXPRESSION OF INTEREST (EOI) FROM QUALIFIED FIRMS TO PROVIDE ARCHITECTURAL/ENGINEERING SERVICES FOR THE SOURCE WATER PROTECTION TECHNICAL HELP PROGRAM (SWPTHP) AS DESCRIBED IN THE ATTACHED SPECIFICATIONS.</p> <p>A MANDATORY PRE-BID CONFERENCE WILL BE HELD ON 8/28/8 AT 9:00 A.M. AT THE DHHR/BUREAU FOR PUBLIC HEALTH, OFFICE OF ENVIRONMENTAL HEALTH SERVICES LOCATED AT ONE DAVIS SQUARE, SUITE 200, CHARLESTON, WV 25301-1798. FAILURE TO ATTEND THE MANDATORY PRE-BID CONFERENCE SHALL AUTOMATICALLY RESULT IN DISQUALIFICATION.</p> <p>EXHIBIT 3</p> <p>LIFE OF CONTRACT: THIS CONTRACT BECOMES EFFECTIVE ON AWARD OF CONTRACT AND EXTENDS FOR A PERIOD OF ONE (1) YEAR OR UNTIL SUCH "REASONABLE TIME" THEREAFTER AS IS NECESSARY TO OBTAIN A NEW CONTRACT OR RENEW THE</p>						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE	TELEPHONE	DATE
	304.624.9700	09/17/08
TITLE	FEIN	ADDRESS CHANGES TO BE NOTED ABOVE
President	55-0637279	

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



State of West Virginia  
 Department of Administration  
 Purchasing Division  
 2019 Washington Street East  
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LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
<p>ORIGINAL CONTRACT. THE "REASONABLE TIME" PERIOD SHALL NOT EXCEED TWELVE (12) MONTHS. DURING THIS "REASONABLE TIME" THE VENDOR MAY TERMINATE THIS CONTRACT FOR ANY REASON UPON GIVING THE DIRECTOR OF PURCHASING 30 DAYS WRITTEN NOTICE.</p> <p>UNLESS SPECIFIC PROVISIONS ARE STIPULATED ELSEWHERE IN THIS CONTRACT DOCUMENT, THE TERMS, CONDITIONS AND PRICING SET HEREIN ARE FIRM FOR THE LIFE OF THE CONTRACT.</p> <p>RENEWAL: THIS CONTRACT MAY BE RENEWED UPON THE MUTUAL WRITTEN CONSENT OF THE SPENDING UNIT AND VENDOR, SUBMITTED TO THE DIRECTOR OF PURCHASING THIRTY (30) DAYS PRIOR TO THE EXPIRATION DATE. SUCH RENEWAL SHALL BE IN ACCORDANCE WITH THE TERMS AND CONDITIONS OF THE ORIGINAL CONTRACT AND SHALL BE LIMITED TO TWO (2) ONE (1) YEAR PERIODS.</p> <p>CANCELLATION: THE DIRECTOR OF PURCHASING RESERVES THE RIGHT TO CANCEL THIS CONTRACT IMMEDIATELY UPON WRITTEN NOTICE TO THE VENDOR IF THE COMMODITIES AND/OR SERVICES SUPPLIED ARE OF AN INFERIOR QUALITY OR DO NOT CONFORM TO THE SPECIFICATIONS OF THE BID AND CONTRACT HEREIN.</p> <p>OPEN MARKET CLAUSE: THE DIRECTOR OF PURCHASING MAY AUTHORIZE A SPENDING UNIT TO PURCHASE ON THE OPEN MARKET, WITHOUT THE FILING OF A REQUISITION OR COST ESTIMATE, ITEMS SPECIFIED ON THIS CONTRACT FOR IMMEDIATE DELIVERY IN EMERGENCIES DUE TO UNFORESEEN CAUSES (INCLUDING BUT NOT LIMITED TO DELAYS IN TRANSPORTATION OR AN UNANTICIPATED INCREASE IN THE VOLUME OF WORK.)</p> <p>QUANTITIES: QUANTITIES LISTED IN THE REQUISITION ARE APPROXIMATIONS ONLY, BASED ON ESTIMATES SUPPLIED BY</p>						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE 	TELEPHONE 304.624.9700	DATE 09/17/08
TITLE President	FEIN 55-0637279	ADDRESS CHANGES TO BE NOTED ABOVE

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



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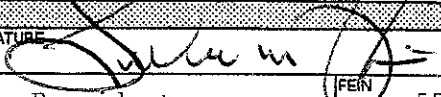
SHIP TO

HEALTH AND HUMAN RESOURCES  
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DATE PRINTED 08/05/2008	TERMS OF SALE	SHIP VIA	FOB	FREIGHT TERMS
BID OPENING DATE: 09/18/2008		BID OPENING TIME 01:30PM		

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
<p>THE STATE SPENDING UNIT. IT IS UNDERSTOOD AND AGREED THAT THE CONTRACT SHALL COVER THE QUANTITIES ACTUALLY ORDERED FOR DELIVERY DURING THE TERM OF THE CONTRACT, WHETHER MORE OR LESS THAN THE QUANTITIES SHOWN.</p> <p>ORDERING PROCEDURE: SPENDING UNIT(S) SHALL ISSUE A WRITTEN STATE CONTRACT ORDER (FORM NUMBER WV-39) TO THE VENDOR FOR COMMODITIES COVERED BY THIS CONTRACT. THE ORIGINAL COPY OF THE WV-39 SHALL BE MAILED TO THE VENDOR AS AUTHORIZATION FOR SHIPMENT, A SECOND COPY MAILED TO THE PURCHASING DIVISION, AND A THIRD COPY RETAINED BY THE SPENDING UNIT.</p> <p>BANKRUPTCY: IN THE EVENT THE VENDOR/CONTRACTOR FILES FOR BANKRUPTCY PROTECTION, THIS CONTRACT MAY BE DEEMED NULL AND VOID, AND TERMINATED WITHOUT FURTHER ORDER.</p> <p>THE TERMS AND CONDITIONS CONTAINED IN THIS CONTRACT SHALL SUPERSEDE ANY AND ALL SUBSEQUENT TERMS AND CONDITIONS WHICH MAY APPEAR ON ANY ATTACHED PRINTED DOCUMENTS SUCH AS PRICE LISTS, ORDER FORMS, SALES AGREEMENTS OR MAINTENANCE AGREEMENTS, INCLUDING ANY ELECTRONIC MEDIUM SUCH AS CD-ROM.</p> <p>REV. 04/11/2001</p> <p>***** THIS IS THE END OF RFQ EHS90039 ***** TOTAL: _____</p>						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE:  TELEPHONE: 304.624.9700 DATE: 09/17/08

TITLE: President FEIN: 55-0637279 ADDRESS CHANGES TO BE NOTED ABOVE

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

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## **PROFESSIONAL VITAE**

**John J. Keeling, P.E., C.I.H., C.S.P., Q.E.P., L.R.S.**  
Principal and Project Manager

**Years of Experience with MSES: 19      Years of Experience with Other Firms: 16**

### **Education**

B. S. Civil Engineering, University of Kentucky, 1974

### **Professional Registrations/Certifications**

Registered Professional Engineer - West Virginia and Kentucky  
Certified Industrial Hygienist - American Board of Industrial Hygiene  
Certified Safety Professional - Board of Certified Safety Professionals  
Qualified Environmental Professional - Institute of Professional Environmental Practice  
Licensed Remediation Specialist - West Virginia  
Certified Visible Emissions Observer - USEPA  
Licensed Asbestos Inspector/Management Planner/Clearance Air Monitor - WVBOH

### **Professional Organizations**

American Society of Safety Engineers  
American Industrial Hygiene Association  
Air and Waste Management Association  
Harrison County SARA Title III Local Emergency Planning Committee - Chairman  
West Virginia Chapter of Air and Waste Management Association - Secretary

### **Past Work History**

Union Carbide Corporation  
Kentucky Department of Transportation

### **Experience Summary**

- |  |  |
|--|--|
| <input type="checkbox"/> Job Costing                         | <input type="checkbox"/> Air Emission Regulatory Compliance  |
| <input type="checkbox"/> Management                          | <input type="checkbox"/> NPDES Permitting                    |
| <input type="checkbox"/> Earth Sciences                      | <input type="checkbox"/> Waste Management/Minimization       |
| <input type="checkbox"/> Risk Assessment/Analysis            | <input type="checkbox"/> Hazardous Waste Management          |
| <input type="checkbox"/> Regulatory Interaction              | <input type="checkbox"/> Air Emission Modeling               |
| <input type="checkbox"/> Economic Feasibility                | <input type="checkbox"/> Asbestos Assessment                 |
| <input type="checkbox"/> Phase I/II Investigation            | <input type="checkbox"/> Lead Base Paint Assessment          |
| <input type="checkbox"/> Remediation (Design and Permitting) | <input type="checkbox"/> NORM Assessment                     |
| <input type="checkbox"/> RCRA Waste Units                    | <input type="checkbox"/> Brownfields Specialist              |
| <input type="checkbox"/> Drilling Programs                   | <input type="checkbox"/> Health & Safety                     |
| <input type="checkbox"/> Bioremediation                      | <input type="checkbox"/> Noise Assessment                    |
| <input type="checkbox"/> Geographic and Hydrologic Studies   | <input type="checkbox"/> Hydrologic and Hydraulic Analysis   |
| <input type="checkbox"/> Sampling/Laboratory Programs        | <input type="checkbox"/> SARA Title III                      |
| <input type="checkbox"/> Air Permitting                      | <input type="checkbox"/> Specification Development           |
| <input type="checkbox"/> Indoor Air Quality                  | <input type="checkbox"/> Earth Sciences                      |
| <input type="checkbox"/> Code Compliance                     | <input type="checkbox"/> Environmental/Architectural Support |
| <input type="checkbox"/> E-911 Systems                       | <input type="checkbox"/> GIS Systems                         |

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## PROFESSIONAL VITAE

**Charles H. "Sam" Muncy, Jr., P.S., P.E.**  
Senior Project Engineer

**Years of Experience with MSES: 18      Years of Experience with Other Firms: 16**

### Education

B. S. Civil Engineering, West Virginia University, 1974  
M S. Civil Engineering, West Virginia University, 1983

### Professional Registrations/Certifications

Registered Professional Engineer - West Virginia, Pennsylvania, Florida, North Carolina, Ohio, and Virginia  
Professional Surveyor - West Virginia  
Certified Compaction Technician - West Virginia Department of Highways  
Radiation Safety Officer - NRC  
Licensed Remediation Specialist - New York, Ohio, West Virginia  
Certified Monitoring Well Designer and Installer - WVDEP  
Certified Landfill Manager - SWANA  
Geosynthetic Accreditation Institute - Clay & Geo Synthetic Liners

### Professional Organizations

American Society of Civil Engineers  
Solid Waste Association of North America  
Barbour County, WV Solid Waste Authority - Member  
Gundle Liner Seminars and Workshops

### Past Work History

Joyce Engineering  
Harman Construction, Inc  
Southern Ohio Coal Company  
American Electric Power Service Corporation  
Mountain State Surveying

### Experience Summary

- |   |   |
|---|---|
| <input type="checkbox"/> Project Management                 | <input type="checkbox"/> Risk Assessment/Analysis           |
| <input type="checkbox"/> Regulatory Interaction             | <input type="checkbox"/> Phase I & II Investigation         |
| <input type="checkbox"/> Remediation (Design & Permitting)  | <input type="checkbox"/> RCRA Waste Units                   |
| <input type="checkbox"/> Sampling/Laboratory Programs       | <input type="checkbox"/> Data Base Systems                  |
| <input type="checkbox"/> Computer Modeling (H&H Studies)    | <input type="checkbox"/> Life Safety Codes                  |
| <input type="checkbox"/> Specification Development          | <input type="checkbox"/> Job Costing                        |
| <input type="checkbox"/> Property Evaluation                | <input type="checkbox"/> Site Surveys                       |
| <input type="checkbox"/> Mapping                            | <input type="checkbox"/> QA/QC Inspection & Compliance      |
| <input type="checkbox"/> Economic Feasibility Investigation | <input type="checkbox"/> Structural                         |
| <input type="checkbox"/> Soils Engineering                  | <input type="checkbox"/> Earth Sciences                     |
| <input type="checkbox"/> Storm Routing Studies              | <input type="checkbox"/> Geographic and Hydrologic Analysis |
| <input type="checkbox"/> Land Planning                      | <input type="checkbox"/> Site Development                   |
| <input type="checkbox"/> Roadway/Highway                    | <input type="checkbox"/> Subsurface Investigation           |
| <input type="checkbox"/> Bioremediation                     | <input type="checkbox"/> NPDES Permitting                   |
| <input type="checkbox"/> Erosion & Sediment Planning        | <input type="checkbox"/> Stormwater                         |
| <input type="checkbox"/> Waste Management/Minimization      | <input type="checkbox"/> Civil/Architectural Support        |
| <input type="checkbox"/> Code Compliance                    | <input type="checkbox"/> Structural/Architectural Support   |

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## PROFESSIONAL VITAE

### Lawrence M. Rine

Principal and Quality Assurance/Quality Control Manager

**Years of Experience with MSES:** 32      **Years of Experience with Other Firms:** 14

### Education

- B. S. Mechanical Engineering, West Virginia Institute of Technology 1969
- B. S. Mining Engineering, West Virginia Institute of Technology 1970
- Masters Study, Environmental Engineering, Cornell University 1973

### Professional Registrations/Certifications

- Certified Monitoring Well Designer and Installer - WVDEP
- Licensed West Virginia Underground Storage Tank Closure/Installation Specialist
- Class I Certified Public Water Supply Operator, West Virginia
- Class II Certified Wastewater Treatment Plant Operator, West Virginia
- Certified Commercial Applicator, West Virginia and Pennsylvania
- Radiation Safety Officer - NRC
- Certified Asbestos Inspector/Manager/Planner/Clearance Air Monitor - WVBOH
- Licensed Remediation Specialist - WVDEP
- Certified Mineral Appraiser - U. S. Army Corps of Engineers
- Member State School Building Authority - Indoor Air Quality Committee
- Geosynthetic Accreditation Institute - Clay & Geo Synthetic Liners

### Professional Organizations

- West Virginia Independent Oil and Gas Association (Environmental Committee Member)
- Virginia Independent Oil and Gas Association (Association's Outstanding Member, 1990)
- Pennsylvania Independent Oil and Gas Association
- National Society of Professional Engineers
- West Virginia Society of Professional Engineers, I Moore Jackson Chapter
- West Virginia Surface Mine and Reclamation Association

### Past Work History

- CNG Transmission Corporation

### Experience Summary

- |  |  |
|--|--|
| <input type="checkbox"/> Job Costing                         | <input type="checkbox"/> Waste Management/Minimization   |
| <input type="checkbox"/> Management                          | <input type="checkbox"/> Hazardous Waste Management      |
| <input type="checkbox"/> Groundwater Modeling/Monitoring     | <input type="checkbox"/> Asbestos Assessment             |
| <input type="checkbox"/> Earth Sciences                      | <input type="checkbox"/> Lead Base Paint Assessment      |
| <input type="checkbox"/> Risk Assessment/Analysis            | <input type="checkbox"/> NORM Assessment                 |
| <input type="checkbox"/> Regulatory Interaction              | <input type="checkbox"/> Brownfields Specialist          |
| <input type="checkbox"/> Economic Feasibility                | <input type="checkbox"/> Mapping                         |
| <input type="checkbox"/> Phase I/II Investigation            | <input type="checkbox"/> Noise Assessment                |
| <input type="checkbox"/> Remediation (Design and Permitting) | <input type="checkbox"/> SARA Title III                  |
| <input type="checkbox"/> RCRA Waste Units                    | <input type="checkbox"/> Specification Development       |
| <input type="checkbox"/> Drilling Programs                   | <input type="checkbox"/> Environmental Impact Statements |
| <input type="checkbox"/> Bioremediation                      | <input type="checkbox"/> Data Processing                 |
| <input type="checkbox"/> Sampling/Laboratory Programs        | <input type="checkbox"/> Public Mtg. & Proj. Explanation |
| <input type="checkbox"/> Property Evaluations                | <input type="checkbox"/> QA/QC Inspection & Compliance   |
| <input type="checkbox"/> NPDES Permitting                    | <input type="checkbox"/> Architectural Support           |
| <input type="checkbox"/> Municipal Engineering               | <input type="checkbox"/> Radon                           |
| <input type="checkbox"/> Code Compliance                     | <input type="checkbox"/> Water/Wastewater Systems        |
| <input type="checkbox"/> E-911 Systems                       | <input type="checkbox"/> GIS Systems/Data Management     |



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## **PROFESSIONAL VITAE**

### **Echols C. Hylton**

GIS/Mapping Specialist / GIS Coordinator

**Years of Experience with MSES: 6**

**Years of Experience with Other Firms: 2**

### **Education**

B. A., Geography, Concord College, 2002

B. S., Interdisciplinary Studies/Environmental Geosciences, Concord College, 2002

### **Past Work History**

Mercer County 911

Concord College Foundation

Dee Shoring Company

### **Experience Summary**

- |  |  |
|--|--|
| <input type="checkbox"/> Project Management                  | <input type="checkbox"/> Regulatory Interaction        |
| <input type="checkbox"/> Data Base Systems                   | <input type="checkbox"/> Computer Modeling             |
| <input type="checkbox"/> GIS Surveys/Mapping                 | <input type="checkbox"/> Resource Assessments          |
| <input type="checkbox"/> Site Surveys                        | <input type="checkbox"/> Species Identification        |
| <input type="checkbox"/> Surface Water Assessments           | <input type="checkbox"/> QA/QC Inspection & Compliance |
| <input type="checkbox"/> Sampling and Data Collection        | <input type="checkbox"/> Wetlands                      |
| <input type="checkbox"/> Boundary and Zoning Mapping         | <input type="checkbox"/> Surface Water Assessments     |
| <input type="checkbox"/> Project Support                     | <input type="checkbox"/> Flood Plain                   |
| <input type="checkbox"/> GPS Surveys/Mapping/Data Management | <input type="checkbox"/> E-911 Surveys/Mapping         |
| <input type="checkbox"/> Data Processing                     | <input type="checkbox"/> 911 Re-addressing             |
| <input type="checkbox"/> ArcInfo                             | <input type="checkbox"/> ArcView                       |
| <input type="checkbox"/> CAD/Intergraph/CAM                  | <input type="checkbox"/> Code Compliance               |

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## **PROFESSIONAL VITAE**

**Catherine R. Monahan**  
Geologist/Hydrogeologist

**Years of Experience with MSES: 15      Years of Experience with Other Firms: 3**

### **Education**

B. S. Geology, Stockton State College, 1988  
M. S. Geology, University of Massachusetts at Amherst, 1991

### **Professional Registrations/Certifications**

Certified Monitoring Well Designer and Installer - WVDEP  
Wetland Identification - U. S. Army Corps of Engineers Training

### **Professional Organizations**

American Geophysical Union  
National Ground Water Association  
Association of Ground Water Scientists and Engineers

### **Past Work History**

University of Massachusetts at Amherst - Research Assistant

### **Experience Summary**

- |  |  |
|--|--|
| <input type="checkbox"/> Project Management                | <input type="checkbox"/> Risk Assessment/Analysis    |
| <input type="checkbox"/> Regulatory Interaction            | <input type="checkbox"/> Phase I & II Investigation  |
| <input type="checkbox"/> Remediation (Design & Permitting) | <input type="checkbox"/> RCRA Waste Units            |
| <input type="checkbox"/> Sampling/Laboratory Programs      | <input type="checkbox"/> Data Base Systems           |
| <input type="checkbox"/> Computer Modeling                 | <input type="checkbox"/> Specification Development   |
| <input type="checkbox"/> Species Identification            | <input type="checkbox"/> Job Costing                 |
| <input type="checkbox"/> Property Evaluation               | <input type="checkbox"/> Site Surveys                |
| <input type="checkbox"/> Mapping                           | <input type="checkbox"/> Wetlands                    |
| <input type="checkbox"/> Economic Feasibility              | <input type="checkbox"/> Soils Engineering           |
| <input type="checkbox"/> Earth Sciences                    | <input type="checkbox"/> Site Development            |
| <input type="checkbox"/> Computer Programming              | <input type="checkbox"/> Brownfields Specialist      |
| <input type="checkbox"/> Stormwater Modeling               | <input type="checkbox"/> Evapotranspiration Modeling |
| <input type="checkbox"/> Groundwater Modeling/Monitoring   | <input type="checkbox"/> Subsurface Investigation    |
| <input type="checkbox"/> Bioremediation                    | <input type="checkbox"/> NPDES Permitting            |
| <input type="checkbox"/> Foundations                       | <input type="checkbox"/> Code Compliance             |

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## ***PROFESSIONAL VITAE***

**Lori Steele**  
Meteorologist

**Years of Experience with MSES: 16      Years of Experience with Other Firms: 12**

### **Education**

B. S., Meteorology, Pennsylvania State University, 1980

### **Professional Registrations/Certifications**

Certified Visible Emissions Observer - USEPA

### **Professional Organizations**

Air and Waste Management Association  
West Virginia Chapter of the Air and Waste Management Association  
American Meteorological Society

### **Past Work History**

CH2M Hill

### **Experience Summary**

- |   |   |
|---|---|
| <input type="checkbox"/> Technical Writing            | <input type="checkbox"/> Data Base Systems                  |
| <input type="checkbox"/> Risk Assessment/Analysis     | <input type="checkbox"/> Computer Modeling                  |
| <input type="checkbox"/> Regulatory Interaction       | <input type="checkbox"/> Air Emission Regulatory Compliance |
| <input type="checkbox"/> Economic Feasibility         | <input type="checkbox"/> Waste Management/Minimization      |
| <input type="checkbox"/> Phase I/II Investigation     | <input type="checkbox"/> Air Emission Modeling              |
| <input type="checkbox"/> RCRA Waste Units             | <input type="checkbox"/> Brownfields Specialist             |
| <input type="checkbox"/> Sampling/Laboratory Programs | <input type="checkbox"/> Health & Safety                    |
| <input type="checkbox"/> Air Permitting               | <input type="checkbox"/> Certified Emission Statement       |
| <input type="checkbox"/> Precipitation Modeling       | <input type="checkbox"/> Modeling/Storm Predicting          |

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## **PROFESSIONAL VITAE**

### **Rex B. Tennant, II**

Environmental Chemist/Programmer

**Years of Experience with MSES: 12      Years of Experience with Other Firms: 24**

### **Education**

B. S., Chemistry, West Virginia University, 1972

B. S., Computer Science, Salem College (now Salem-Teikyo University), 1986

### **Professional Organizations**

American Chemical Society

### **Past Work History**

Sturm Environmental Services - Chemist, Lab Manager, Lab Director, Vice President

U. S. Army Environmental Hygiene Agency - Chemist

Southern Ohio Coal Company - Environmental Technician

U. S. Army Environmental Hygiene Agency - Lab Technician

### **Experience Summary**

- |  |   |
|--|---|
| <input type="checkbox"/> Management                          | <input type="checkbox"/> Computer Modeling          |
| <input type="checkbox"/> Regulatory Interaction              | <input type="checkbox"/> Computer Programming       |
| <input type="checkbox"/> Phase I/II Investigation            | <input type="checkbox"/> NPDES Permitting           |
| <input type="checkbox"/> Remediation (Design and Permitting) | <input type="checkbox"/> Hazardous Waste Management |
| <input type="checkbox"/> RCRA Waste Units                    | <input type="checkbox"/> Air Emission Modeling      |
| <input type="checkbox"/> Sampling/Laboratory Programs        | <input type="checkbox"/> Brownfields Specialist     |
| <input type="checkbox"/> Data Base Systems                   | <input type="checkbox"/> CAD/Intergraph/CAM         |
| <input type="checkbox"/> Stormwater                          | <input type="checkbox"/> Indoor Air Quality         |
| <input type="checkbox"/> Risk Assessment/Analysis            | <input type="checkbox"/> SARA Title III             |
| <input type="checkbox"/> Water/Wastewater Treatment          | <input type="checkbox"/> Lead Base Paint Assessment |
| <input type="checkbox"/> Data Processing                     | <input type="checkbox"/> Data Management            |
| <input type="checkbox"/> Training                            | <input type="checkbox"/> GIS Support                |
| <input type="checkbox"/> Mold and Fungi                      | <input type="checkbox"/> NACE Internal Corrosion    |

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## **PROFESSIONAL VITAE**

### **William L. Smith**

Senior Safety/Environmental Specialist

**Years of Experience with MSES:** 4      **Years of Experience with Other Firms:** 28

### **Education**

M. S. Safety and Environmental Management, West Virginia University, 1976

M. S. German Literature and Linguistics, West Virginia University, 1974

B. S. German Literature and Linguistics, West Virginia University, 1968

### **Professional Registrations/Certifications**

University of Kansas - 40 Hour Asbestos Abatement Program Management

16 Hour ISO 9000 Auditor Certification Training

Certified Visible Emissions Observer - USEPA

### **Professional Organizations**

American Society of Safety Engineers

American Industrial Hygiene Association

Air and Waste Management Association

Harrison County SARA Title III Local Emergency Planning Committee - Chairman

West Virginia Chapter of Air and Waste Management Association - Former Secretary

### **Past Work History**

West Virginia University - Graduate Safety Program Adjunct

GrafTech International Holdings, Inc (UCAR Carbon Company )

Union Carbide Corporation

### **Experience Summary**

- |  |   |
|--|---|
| <input type="checkbox"/> Specifications Development          | <input type="checkbox"/> Air Emission Regulatory Compliance |
| <input type="checkbox"/> Job Costing                         | <input type="checkbox"/> SARA Title III                     |
| <input type="checkbox"/> Management                          | <input type="checkbox"/> NPDES Permitting                   |
| <input type="checkbox"/> Code Compliance                     | <input type="checkbox"/> Waste Management/Minimization      |
| <input type="checkbox"/> Risk Assessment/Analysis/Planning   | <input type="checkbox"/> Hazardous Waste Management         |
| <input type="checkbox"/> Regulatory Interaction              | <input type="checkbox"/> Air Emission Modeling              |
| <input type="checkbox"/> Economic Feasibility                | <input type="checkbox"/> Asbestos Assessment                |
| <input type="checkbox"/> Phase I/II Investigation            | <input type="checkbox"/> Air Permitting                     |
| <input type="checkbox"/> Remediation (Design and Permitting) | <input type="checkbox"/> Health & Safety                    |
| <input type="checkbox"/> RCRA Waste Units                    | <input type="checkbox"/> Brownfields                        |
| <input type="checkbox"/> Sampling/Laboratory Programs        | <input type="checkbox"/> Counter-Terrorism                  |

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## **PROFESSIONAL VITAE**

### **David W. Fisher**

Senior Biologist/Environmental Scientist

**Years of Experience with MSES: 6**

**Years of Experience with Other Firms: 29**

### **Education**

B S , Biology & Psychology, Salem College, 1972  
B. S. (Minor) Chemistry, Salem College, 1972  
Masters Program Marshall University, 1977 to 1979

### **Professional Registrations/Certifications**

Permit Scientific Collection - WVDNR  
Certified Hunter Safety Instructor - WVDNR

### **Professional Organizations**

Member Board of Directors, West Virginia Rifle and Pistol Association  
Chairman, Harrison County Solid Waste Site Committee

### **Past Work History**

Sturm Environmental Services - Director of Laboratory Services

WV Department of Natural Resources, Water Resources Division - Aquatic Biologist and  
Section Head, Aquatic Biology Section

### **Experience Summary**

- |  |   |
|--|---|
| <input type="checkbox"/> Aquatic Sampling/Identification | <input type="checkbox"/> Benthic - Sampling, Processing, Identification |
| <input type="checkbox"/> NPDES Permitting                | <input type="checkbox"/> Risk Assessment/Analysis                       |
| <input type="checkbox"/> Microbiological                 | <input type="checkbox"/> Regulatory Interaction                         |
| <input type="checkbox"/> Phase I/II Investigations       | <input type="checkbox"/> Database Systems                               |
| <input type="checkbox"/> Bioassays                       | <input type="checkbox"/> Data Processing                                |
| <input type="checkbox"/> Species/Habitat Identification  | <input type="checkbox"/> Computer Modeling                              |
| <input type="checkbox"/> Bioremediation                  | <input type="checkbox"/> Waste Impacts                                  |
| <input type="checkbox"/> Natural Sciences                | <input type="checkbox"/> Information/Aquatic Surveys                    |
| <input type="checkbox"/> Sampling/Laboratory Programs    | <input type="checkbox"/> QA/QC Programs                                 |
| <input type="checkbox"/> Brownfields                     | <input type="checkbox"/> Modeling                                       |
| <input type="checkbox"/> NACE Internal Corrosion         | <input type="checkbox"/> Mold and Fungi                                 |

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## **PROFESSIONAL VITAE**

**Krista A. Rembold**

Biologist/Environmental Scientist

**Years of Experience with MSES: 1**

**Years of Experience with Other Firms: 3**

### **Education**

B. S., Forensic Science, Waynesburg College, 2007

B. S. (Minor) Biology, Waynesburg College, 2007

B. S. (Minor) Chemistry, Waynesburg College, 2007

### **Professional Organizations**

Member, Gamma Sigma Epsilon (Chemistry Honor Society)

Member, Xi Chi Epsilon (Honorary Society)

### **Past Work History**

Sturm Environmental Services - Laboratory Technician, Chemist, Microbiologist

### **Experience Summary**

- |  |   |
|--|---|
| <input type="checkbox"/> Aquatic Sampling/Identification | <input type="checkbox"/> Benthic - Sampling, Processing, Identification |
| <input type="checkbox"/> NPDES Permitting                | <input type="checkbox"/> Risk Assessment/Analysis                       |
| <input type="checkbox"/> Microbiological                 | <input type="checkbox"/> Regulatory Interaction                         |
| <input type="checkbox"/> Phase I/II Investigations       | <input type="checkbox"/> Database Systems                               |
| <input type="checkbox"/> Bioassays                       | <input type="checkbox"/> Data Processing                                |
| <input type="checkbox"/> Species/Habitat Identification  | <input type="checkbox"/> Computer Modeling                              |
| <input type="checkbox"/> Bioremediation                  | <input type="checkbox"/> Waste Impacts                                  |
| <input type="checkbox"/> Natural Sciences                | <input type="checkbox"/> Information/Aquatic Surveys                    |
| <input type="checkbox"/> Sampling/Laboratory Programs    | <input type="checkbox"/> QA/QC Programs                                 |
| <input type="checkbox"/> Brownfields                     | <input type="checkbox"/> Modeling                                       |
| <input type="checkbox"/> NACE Internal Corrosion         | <input type="checkbox"/> Mold and Fungi                                 |

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## **PROFESSIONAL VITAE**

**Allen R. Cutlip, CIH, C.S.P.**

Senior Environmental and Safety Specialist

**Years of Experience with MSES: 19      Years of Experience with Other Firms: 3**

### **Education**

B. S. Safety Engineering Technology, Fairmont State College, 1986

### **Professional Registrations/Certifications**

Certified Industrial Hygienist, American Board of Industrial Hygiene

Certified Safety Professional, Board of Certified Safety Professionals

Licensed Asbestos Inspector/Clearance Air Monitor - WV Bureau of Health

Licensed USED Inspector Class B - WVDEP

Hazardous Waste Operator - OSHA

Hazardous Waste Supervisor - OSHA

### **Professional Organizations**

American Society of Safety Engineers, Northern West Virginia Chapter - Vice President  
West Virginia Safety Council

### **Past Work History**

ASCI (Subcontractor to USEPA)

### **Experience Summary**

- |  |  |
|--|--|
| <input type="checkbox"/> Project Management                  | <input type="checkbox"/> Risk Assessment/Analysis      |
| <input type="checkbox"/> Regulatory Interaction              | <input type="checkbox"/> Phase I and II Investigation  |
| <input type="checkbox"/> Remediation (Design and Permitting) | <input type="checkbox"/> RCRA Waste Units              |
| <input type="checkbox"/> Sampling/Laboratory Programs        | <input type="checkbox"/> Data Base Systems             |
| <input type="checkbox"/> Computer Modeling                   | <input type="checkbox"/> Indoor Air Quality            |
| <input type="checkbox"/> Asbestos Assessment                 | <input type="checkbox"/> Lead Base Paint Assessment    |
| <input type="checkbox"/> Life Safety Codes                   | <input type="checkbox"/> Noise Assessment              |
| <input type="checkbox"/> Health & Safety Programs            | <input type="checkbox"/> SARA Title III                |
| <input type="checkbox"/> Specification Development           | <input type="checkbox"/> Training Programs             |
| <input type="checkbox"/> Job Costing                         | <input type="checkbox"/> Computer Programming          |
| <input type="checkbox"/> Brownfields Specialist              | <input type="checkbox"/> QA/QC Inspection & Compliance |
| <input type="checkbox"/> Mold and Fungi                      | <input type="checkbox"/> OSHA Compliance               |



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## ***PROFESSIONAL VITAE***

**Sharon Reeves Cottrill**

Land Planner

**Years of Experience with MSES: 28**

**Years of Experience with Other Firms: 4**

### **Education**

B. S. Landscape Architecture, West Virginia University (Cum Laude), 1976

### **Professional Organizations**

West Virginia Society of Landscape Architects

### **Past Work History**

CNG Transmission Corporation

### **Experience Summary**

- |  |   |
|--|---|
| <input type="checkbox"/> Project Management        | <input type="checkbox"/> Species Identification |
| <input type="checkbox"/> Data Base Systems         | <input type="checkbox"/> Computer Modeling      |
| <input type="checkbox"/> CAD/Intergraph/CAM        | <input type="checkbox"/> Illustrations          |
| <input type="checkbox"/> Regulatory Interaction    | <input type="checkbox"/> Job Costing            |
| <input type="checkbox"/> Specification Development | <input type="checkbox"/> Mapping                |
| <input type="checkbox"/> Land Planning             | <input type="checkbox"/> Site Development       |
| <input type="checkbox"/> Code Compliance           | <input type="checkbox"/> Architectural Support  |
| <input type="checkbox"/> Civil Support             | <input type="checkbox"/> E-911 Mapping          |
| <input type="checkbox"/> GIS Mapping               | <input type="checkbox"/> GPS Data Management    |
| <input type="checkbox"/> Data Processing           | <input type="checkbox"/> 911 Re-addressing      |
| <input type="checkbox"/> ArcInfo                   | <input type="checkbox"/> ArcView                |