# Section 8 Other Information

Progressive's Statement of Qualifications is included to provide a more complete summary of our capabilities.

# **COMPANY OVERVIEW**

Progressive was founded in 1999, with the mission of providing **cost-effective engineering, environmental and construction management services** to private and public clients nationwide. Progressive is a full-service environmental engineering firm, and we specialize in remedial engineering for soil and groundwater cleanup. Our highly qualified staff of licensed professionals (licensed in 19 states) includes Professional Engineers and Professional Geologists. We are also a Florida Licensed Building Contractor.

**Progressive is a Woman-Owned Small Business (WOSB)** registered in the Federal Government's System for Award Management (SAM) under NAICS Codes 562910, 541330, 541620, and 541618. Our DUNS number is 800281326 and our Cage Code is 3R8F3. We have many other certifications, including but not limited to: Woman's Business Enterprise National Council (WBENC) certified Woman-Owned Small Business, Florida Department of Transportation (FDOT)-certified Disadvantaged Business Enterprise (DBE), and Florida-Certified Minority Business Enterprise (MBE). We are also a qualified contractor under the ISNetworld (ISN) and Avetta/BROWZ comprehensive contractor pre-qualification, safety and compliance programs.

Our firm has successfully performed hundreds of environmental projects, specifically, implementing environmental site assessments and remediation of contaminated sites. Unlike most of our competitors, *Progressive's engineers have HANDS-ON experience with designing and constructing remedial systems*, and our expertise extends to pilot/bench tests, use of innovative in-situ/other technologies, and optimizing system Operation and Maintenance (O&M) and performance/compliance monitoring programs.

Progressive has developed a unique ability to successfully execute environmental projects and provide our quality services to customers across the United States. The distribution of Progressive's **environmental projects nationwide**, as well as other locations of projects performed by our professional staff is shown below.



# **QUALIFICATIONS**

**Progressive's highly qualified staff is the key to our success**, with more than 150 years of collective experience assessing and analyzing environmental issues, identifying sustainable solutions, and implementing remedies for various types of contaminants. Our success is due to our ability to communicate with and listen to our clients and then accurately scope the project objectives, successfully negotiate with agencies, and efficiently perform on schedule and within budget. **Reasons our clients continue to utilize and rely on Progressive include our range of services, hands-on experience and ability to properly manage budgets/schedules.** Our core services include the following:

- Environmental Investigation/Assessment
  - CERCLA, RCRA, Environmental Baseline Surveys
  - Modeling, Risk Evaluation
- Remedial Strategy Development
  - Feasibility Studies, Pilot Studies, Alternatives Evaluations
  - Life Cycle and Cost/Benefit Analyses
  - Remedial Design/Action
  - Remedy Optimization/ Enhancement
- Brownfields Designation and Site Rehabilitation
- Solid Waste Management, Cover Design, and Post-Closure Care
- Engineering Design and Permitting
- Design/Build and Construction Management of Remedial Systems
  - Treatment units (portable or stationary)
  - Control panels with Programmable Logic Controls
  - > Supervisory control and data acquisition (SCADA), radio telemetry
  - Petroleum Pipeline, Bulk Storage, and UST Site Assessment, Tank Removal and Closure
- Remedial System Operation & Maintenance, Monitoring, Reporting
- > Environmental Data Management Systems, Statistical Analysis

## **Contaminated Site Remediation Experience**

Progressive provides cost-effective regulatory compliance, assessment, remediation, engineering design, and closure. Many of our projects fall under multiple regulatory programs, so we are well versed in developing effective closure strategies for complex sites, fully compliant with all such programs. Project Descriptions are attached and highlight some of our successes with various contaminants, geologic conditions and land uses.

Our staff can design/enhance remedial systems, and perform preventive maintenance, repairs/replacement, and general troubleshooting of various mechanical and electrical equipment, which eliminates the need for outside support/subcontracted trades. In short, we understand the advantages and limitations of the various technologies and equipment, and we can tailor their use depending on site conditions. Treatment technologies utilized by Progressive include:

- Monitored Natural Attenuation
- In-Situ Enhanced Bioremediation
- Air Sparging
- Soil Vapor Extraction
- Permeable Reactive Barriers
- Phytoremediation
- Chemical Oxidation
- Dual Phase Extraction
- Reverse Osmosis
- Ion Exchange

- Landfill Cover Systems
- > Air Stripping
- Liquid/Vapor Phase Carbon Adsorption
- Advanced Oxidation Processes
- Electrochemical Precipitation
- pH Adjustment
- Iron Removal
- Soil Stabilization/Fixation
- Catalytic Oxidizers
- Sub-slab Depressurization

Progressive takes pride in designing remedial systems that are easy to operate, control and monitor. *Our unique design/build services enhance and streamline remedial system O&M*. Our experienced engineers and technicians design and fabricate equipment skids, UL-certified control panels, SCADA systems, real-time monitoring systems, PLCs, and remote telemetry systems. The ability to remotely monitor remedial systems allows Progressive to provide cost-effective O&M services at locations throughout the nation.



Page 4

**Progressive designs remedial systems that will not interfere with ongoing activities at active properties.** Our work at active industrial, pipeline, transfer station, railyards and landfill facilities ensures that we are aware of operational concerns, as well as health and safety concerns, of working around sensitive areas and in industrial settings where **health and safety is paramount** and coordination/planning of activities to minimize disruption to daily operations is important. Progressive is qualified under ISN (<u>www.ISnetworld.com</u>) and Avetta/BROWZ (<u>www.BROWZ.com</u>), both of which are leading contractor qualification and management programs, which ensure our clients' compliance, safety, records management and reporting requirements are met and maintained.

Progressive uses the principles of sustainability to guide the planning, assessment, and design process in each of our projects. At every step of the design process, **we consider the long-term effects of our design choices**, **favoring durability and adaptability**, as well as ease of use. We seek to exceed minimum sustainability ratings, providing value for our clients while demonstrating social responsibility and stewardship of natural resources.

As an added benefit, Progressive is able to guide our clients through the Brownfield Program, identify costs eligible for tax credits and bonuses, and provide turn-key site remediation services under the Florida Brownfields Redevelopment Act (Section 376.77–376.85, F.S.) and the Commercial Development and Capital Improvements statute (Chapter 288, F.S.). *We have completed or are currently working on several Brownfield sites* in Florida, and have experience with Brownfield sites in other states, too.

## **Environmental Professional Experience**

Progressive is a full-service environmental engineering firm with a 22-year history of providing cost-effective environmental services under the laws and regulations pursuant to all of the following:

- Clean Water Act (CWA) and Clean Air Act (CAA)
- Comprehensive Environmental Response, Compensation and Liability Act (CERCLA)
- Resource Conservation and Recovery Act (RCRA)
- Toxic Substances Control Act (TSCA)
- Petroleum Pipeline, Bulk Storage, and Underground Storage Tank (UST) regulations
- Small Business Liability Relief and Brownfields Revitalization Act (Amendments to CERCLA)
- National Environmental Policy Act (NEPA)
- Occupational Safety and Health Administration (OSHA)

Progressive is very familiar with and routinely manages the extensive documentation required under any and all of these regulatory programs. Our staff is very proficient in the preparation of numerous technical documents, including but not limited to: Remedial Investigation/Feasibility Study (RI/FS) Reports, Remedial Design/Remedial Action (RD/RA) Work Plans, Corrective Action Plans and Reports, Interim Measure Plans and Reports, Closure Plans and Reports, Environmental Baseline Surveys, Environmental Site Assessments, Environmental Impact Statements (EISs), Ecological Surveys, Threatened and Endangered Species Surveys, and Technical Memoranda.

Progressive staff have negotiated with federal agencies regarding Consent Decrees and financial assurance requirements, been involved with establishing Brownfield Designated Areas in cooperation with city and local municipalities, and performed other services including meetings, community outreach, development of

Community Relations Plans, negotiating Restrictive Covenants, Institutional Controls, and Access Agreements with land owners, and securing a variety of permits on our clients' behalf.

Progressive's key staff are very experienced with project/contract management, having served as contract managers for various federal and state entities, and private clients. Some specific examples of such services include:

- Project Coordinator for several active Superfund sites including, but not limited to, Verona Well Field (Battle Creek, MI), Yeoman Creek Landfill (Waukegan, IL), Railroad Avenue (West Des Moines, IA), and Clare Water Supply (Clare, MI) – responsible for all aspects of site remediation, including financial assurance and long term cost projections/management.
- Contract Manager for the New Mexico Environment Department's (NMED) remediation contracts providing cleanup support for state-lead sites.
- Contract Manager for the U.S. Bureau of Reclamation for the Middle Rio Grande Endangered Species Collaborative Program, which involved 16 state, federal, Indian, and local government participants.
- Section Manager for the Texas Commission on Environmental Quality (TCEQ) Remediation Division responsible for oversight of procurement of multi-milliondollar, multi-year contracts including developing line-item based contracts, preparing procurement documents, establishing evaluation procedures and criteria, publishing requests for qualifications/proposals, and administration of the contract program.

#### **Project Administration Experience**

Progressive's *staff is routinely involved in scoping/scheduling of each project which ensures they understand the site, objectives and tasks to be completed*. That knowledge coupled with cross-training and hands-on experience enables all of our personnel to be well-rounded and capable of performing a wide range of services to ensure effective management of our clients' resources.

Progressive addresses many regulatory statutes, standards, and guidelines as part of every environmental project it performs. We understand the necessity to prepare concise and efficient documentation to meet regulatory requirements, while providing a clear picture of the scope and logical steps used to reach the final recommendations/solutions.

Progressive's wide experience in support of its private sector clients includes working with EPA Regions across the country, as well as numerous state and local regulatory agencies. Progressive's key personnel *routinely manage large complex projects and often times multiple tasks/projects concurrently*, many with budgets above \$500,000. Our successful project management and ability to retain qualified subcontract/support services ensures we can meet our clients' need for smart and efficient environmental services. In addition, we strive to utilize services of other small/disadvantaged businesses whenever possible.

# **CLIENTS**

Progressive's first clients included a Potentially Responsible Party (PRP) group who relied on us to complete soil and groundwater assessments and implement remedial actions at a Superfund site located in Battle Creek, Michigan; and a Charlotte, NC-based manufacturing firm who hired us to construct and operate groundwater remediation systems located in Arcadia, Florida and Paris, Tennessee. Both of these clients remain with us today and routinely contact us for consultation and environmental engineering services at other locations.

Progressive has provided CERCLA PRP Groups engineering excellence for 22 years and is currently actively managing and implementing remediation engineering services at five CERCLA sites throughout the US. *Our current clients represent a diverse group of public and private companies, PRP groups, attorneys, governmental agencies and other engineering consultants; many of which have worked with Progressive for 10+ years.* A representative client list is shown below.

Verona Well Field RD/RA Group	Delavan, Inc.
Hoover Solutions, Inc.	Canadian National Railroad
EnPro Industries, Inc.	Textron, Inc.
City of Tampa	Illinois Tool Works
Clean Harbors Florida, LLC	Plexus Scientific
Cadbury Adams	United Technologies Corporation
Bodman, LLP	Yeoman Creek Remediation Group
Florida Department of Transportation	Monsanto Company
Johnson & Johnson Health Care Systems	Colonial Pipeline Company
Gannett Fleming	Ruth Associates, Inc.
Chem-Dyne Trustees	Fruit of the Loom
Bernard Egan & Company	Thompson Hine, LLP
MacDill Air Force Base	Beazer East, Inc.
Land South Partners	Chartis Insurance/AIG
Butler Snow, LLP	Rohr, Inc./Collins Aerospace
Raytheon Technologies Corporation	Village of Antioch, IL

Our strong focus on achieving clients' project and financial goals serves as the basis for our dedication to *provide engineering excellence and practical solutions for each project we undertake*. As a result, our clients continue to refer and encourage colleagues and other clients to explore Progressive's services and qualifications. We believe this Statement of Qualifications demonstrates our expertise and ability to get results that meet and exceed our clients' expectations. Some example citations by our satisfied clients are provided below:

#### "They are very client oriented and detail oriented, and responsive to questions and concerns. I have a very high regard for their competence and their sensible advice."

 Craig Hupp, Attorney for the Verona Well Field Superfund Site PRP Group

# "Bridget, you did a great job on that INRMP and I would use you again for an update in a heartbeat."

– Mr. Jason Kirkpatrick, Environmental Program Manager, MacDill AFB "I want to thank you for all your assistance, expertise and efforts on getting the Barrels site to this point. This project had floundered for years technically and the best thing the group did was bring Progressive on board. Goodyear has long admired the work that Progressive performs and appreciates the value you have brought to this project. Great job!!"

> Mr. Jeffery Sussman, Senior Manager, Global Remediation The Goodyear Tire & Rubber Company

"Progressive will serve as engineer of record, project coordinator and project manager, in place of the current consultant. Based upon experience with all aspects of CERCLA site investigation and remediation, including work at more than 20 Superfund sites across the country, Progressive personnel are uniquely qualified to serve the Clare PRPs as project manager and engineer of record." – Mr. Joseph Wheatley, EnPro Industries

*"It is very positive that EPA reached out to you Bridget. It seems to me that you have made good progress in developing the type of relationship with EPA that we asked you to develop. Thank you."* 

 Mr. Rustin Kimmell, Attorney/Representative for Yeoman Creek Remediation Group

"Please forward this to your team with my sincere thanks on a job well done to this point. We have passed a significant milestone this week and the project has been flawless from my perspective. From the project conceptualization, budgeting pre-planning, preparation, execution and most importantly safety focus. This is truly a team effort that you all should be commended on."

> Mr. Jeff Titus, Colonial Pipeline Company Project Manager, Reedy River Site Remediation)

Some examples of Site Closure/No Further Action decisions from governmental agencies for projects that Progressive has successfully managed based on pragmatic, cost-effective technical principles under various regulatory frameworks are listed below:

- <u>Barrels, Inc. Superfund Site</u> Over a span of 20 years, the previous consultant had been investigating and performing remedial actions at this former barrel reclamation facility in Lansing, Michigan, without achieving closure for soils contaminated with PCBs, metals, and VOCs. In late 2013, Progressive took over the project and completed the delineation of PCBs in soils, submitted closure reports to both USEPA and MDEQ, and had deed restrictions executed to achieve site closure criteria under both federal and state rules. USEPA and MDEQ approved site closure/NFA in 2015 and 2017, respectively. The 1993 Consent Decree was terminated in 2018.
- Florida: Brownfield Site Rehabilitations
  - EPC and FDEP issued a Site Rehabilitation Completion Order in June 2013, for this former gas station in Sun City, FL which Progressive remediated in less than 18 months after execution of the Brownfield Site Rehabilitation Agreement (BSRA) using a portable air sparging system to remediate groundwater impacts. Commercial redevelopment of the site for a Chase Bank branch office was completed concurrently with the post-remedial action monitoring.
  - FDEP issued a Site Rehabilitation Completion Order in August 2016, for this former gas station which Progressive remediated (via excavation and sampling) in less than 2 years

after execution of the BSRA. Commercial redevelopment of the site to a Valvoline Oil center was then completed.

- Georgia: Petroleum Pipeline Release Sites
  - Georgia EPD issued site closure approval for a former petroleum release site in Dunwoody, GA in January 2020 following Progressive's successful remediation of site soil and groundwater using air sparging, magnesium sulfate injections, and soil vapor extraction.
  - Georgia EPD issued site closure approval for a former petroleum release site in Norcross, GA in August 2015 following Progressive's successful remediation of site soil and groundwater using free product recovery, air sparging, and soil vapor extraction.
- South Carolina: Reedy River SCDHEC Site ID #00898 The Department issued closure approval (February 2004) for remediation of a petroleum pipeline release to soil and groundwater. Progressive successfully remediated 16,288 tons of soil and 2,543,600 gallons of groundwater.
- Michigan: Verona Well Field Superfund Site USEPA Region 5 and MDEQ issued approval to bypass treatment in 2007; portions of the pump and treat remedy were shut down starting in 2009 and continued through 2013; closure demonstration monitoring was initiated in 2010 and is currently ongoing as additional recovery wells are turned off. Further closure demonstrations are in progress.
- North Carolina: Kannapolis Booster Station NCDENR issued approval (April 2010) to shut down a pump and treat remedy at a petroleum pipeline booster station.
- Iowa: Railroad Avenue Superfund Site USEPA Region 7 and IDNR issued approval (January 2009) to shut down the source area air sparging remedy in favor of monitored natural attenuation.
- Georgia: Fruit of the Loom (FOTL) Industrial Landfill Closure Progressive designed and provided construction management of the cap, and compiled closure documentation for this landfill. Georgia EPD issued closure certification in December 2013.
- Michigan: Clare Water Supply Superfund Site USEPA Region 5 issued approval to discontinue a pump and treat remedy at one of the active source areas within this Superfund site in October 2006 after the remedy successfully treated over 92 million gallons of chlorinated solvent impacted groundwater.

The next few pages outline some of Progressive's specific expertise with respect to environmental remediation. Resumes of key personnel also are attached. We appreciate your review of this Statement of Qualifications and look forward to the opportunity to provide environmental engineering and support services to address your firm's needs.

# **PROGRESSIVE'S CHLORINATED SOLVENT REMEDIATION SERVICES**

Progressive's engineering staff is experienced and highly qualified to manage and perform the full suite of engineering, construction management, monitoring, and regulatory services required to address the issues associated with remediation of chlorinated volatile organic compound (CVOC) plumes. Our experience includes:

- Unique Design/Build Services and Construction Management
- Streamline Remedial System Operation and Maintenance (O&M)
- Aggressive Remedial Designs to Provide Accelerated Cleanup of CVOC Plumes (and comingled plumes with metals, emerging contaminants, etc.)
- Closure Negotiations with EPA and State Regulatory Agencies
- Overall Management and Oversight of the Remedy Performance, Monitoring and O&M, Data Evaluation, Reporting and Communication

## Recent Examples

## Active Transformer Manufacturing Facility, Pine Bluff, AR

- Review Performance of Existing Groundwater Remedy
- Identify Data Gaps and Delineate Plume (CVOCs >100,000 ppb)
- Design/Build Remedial Enhancements to Pump & Treat Remedy
- Design/Build In-Situ Enhanced Dechlorination Pilot Study
- > NPDES, UIC and Minor Source Air Permitting
- Negotiate Groundwater Monitoring Plan with Regulatory Agency
- Ongoing O&M and Performance Monitoring

## Superfund Site, Battle Creek, MI

- Negotiation of Consent Decrees with the Federal and State Governments
- Design/Build and Construction Management of Remedy Upgrades to Provide Accelerated Cleanup of CVOC Plumes
- Negotiations with Agencies to Shut Down Portions of the Remedy
- Preparation of Various Studies in Support of Explanation of Significant Differences and Five-Year Reviews, including Vapor Intrusion Analysis, Institutional Controls Studies, and Long-Term Monitoring Optimization
- O&M Services for 7.8 million gallons per day Groundwater Treatment System
- Permitting and Compliance Monitoring
- Project Coordination / Management
- Financial Assurance and Trust Allocation Projections

#### Active Aerospace Manufacturing Site, Riverside, CA

- Design and Construction Management Services for a Soil Vapor Extraction/Air Sparge System at a CVOC Source Area
- Identified Data Gaps and Updated the Conceptual Site Model
- Design/Build of a Multi-Train Groundwater Pump and Treat System to address CVOCs, 1,4-Dioxane, and Hexavalent Chromium
- > Negotiation of a Streamlined Groundwater Monitoring Plan
- Permitting and Compliance Monitoring
- Project Coordination / Management
- Financial Projections









# PROGRESSIVE'S SOLID AND HAZARDOUS WASTE PROGRAM

Progressive's engineering staff is experienced and highly qualified to manage and perform the full suite of engineering, construction management, monitoring, and regulatory services required to address the issues associated with both industrial and hazardous waste landfills. Our experience includes:

- Regulatory Negotiations for CERCLA and State Landfill Closures
- Conceptual Reuse Options Evaluation (parks, solar energy)
- RCRA Landfill Cover System Design
- Landfill Gas Mitigation Management
- Construction Management
- Closure Documentation
- Managing Post-Closure Care / Compliance Monitoring

## Recent Examples

## Industrial Landfill Closure, Rabun Gap, GA

- State Landfill Closure Negotiations
- Cover System Design
  - Site Clearing and Grading
  - Cover System including Geosynthetic Clay Liner (GCL)
  - Erosion Control Measures and Vegetative Cover
  - Stormwater System Restoration
- Construction Management
- Closure Certificate received December 2013
- Managing Post-Closure Care / Compliance Monitoring

## Yeoman Creek Landfill CERCLA Site, IL

- Project Coordinator for Post-Closure Care
- Negotiations with USEPA and IEPA
- Mitigation of Landfill Gas Migration
- Compliance Monitoring (evaluation of groundwater, surface water, and sediment)
- Solar Reuse (regulatory approval, incentives funding, stakeholder negotiations)



## Progressive Engineering & Construction, Inc. Page 11

## PROGRESSIVE'S EQUIPMENT AND O&M SERVICES

Progressive takes pride in designing remedial systems that are easy to operate, control and monitor. Our unique design/build services enhance and streamline remedial system operation and maintenance (O&M). Our experienced engineers and technicians design and fabricate equipment skids, UL-certified control panels, supervisory control and data acquisition (SCADA) systems, real-time gas monitoring systems, programmable logic controllers (PLCs), and remote telemetry systems. The ability to remotely monitor remedial systems allows Progressive to provide cost-effective O&M services at locations Notifications of alarm conditions can be readily throughout the nation. addressed, components can be started or stopped as needed, and real-time monitoring data can be downloaded for easy review and use. Remote operation coupled with periodic site visits for preventive maintenance and support from local contractors (as needed) ensures effective O&M of our clients' remedial systems.

We routinely design and fabricate control panels for remedial systems; some are simple, others quite elaborate. In 2011, Progressive became an Underwriters Laboratories, Inc. (UL) certified manufacturer of Industrial Control Panels compliant with UL 508A. Our engineers develop the PLC and SCADA programs for these control panels to operate, monitor and control various remedial equipment including, but not limited to: blowers, compressors, pumps, timers, valves, and gas monitoring systems. In addition, Progressive fabricates equipment skids for air sparging, soil vapor extraction, free product recovery, chemical injection, and other remedial systems. The skids are fabricated in our Tampa, FL office or at the project site, depending on complexity and logistics.

Progressive provides O&M services for systems we have designed, and for systems designed by others. *Our engineers and technicians have significant* 

*hands-on experience with mechanical and electrical equipment*, and perform preventive maintenance, equipment repairs/replacement, and general troubleshooting. Specific O&M services include, but are not limited to: well maintenance and redevelopment; pump cleaning/repairs; air stripper packing replacements; balancing of sparge, extraction or product wells; motor repairs; chemical cleaning; pressure washing; wiring/instrumentation repairs; and piping/leak repairs. Our ability to troubleshoot remedial equipment and identify inefficiencies ensures that we can make timely adjustments to improve performance. *Use of our trained and experienced technicians minimizes the need for, and cost of, outside services* typically required by other firms with less experienced staff. Our design/build and O&M services enable Progressive to meet our clients' project objectives in a cost-effective manner. Strong design, monitoring, preventive maintenance and troubleshooting skills ensure our client's remedial systems operate for the intended life of the equipment/project with no major costly repairs or replacement.







#### PROGRESSIVE ENGINEERING & CONSTRUCTION, INC. PROFESSIONAL SERVICES 2020 FEE SCHEDULE

Fees held steady through 2021

Professional Category	Hourly Rate (\$/hr)
Principal Engineer/Scientist	178
Program/Project Manager	157
Senior Engineer/Scientist	137
Project Engineer/Scientist	126
Construction Manager	115
Staff Engineer/Scientist	110
Field Services Manager	99
Senior Technician	88
Technician	70
Drafter/CAD/Modeler	65
Clerical	50

#### **Subcontractors**

Subcontractors will be billed at actual cost plus a 10% markup

#### **Equipment & Materials**

Use of equipment owned by Progressive Engineering & Construction, Inc. will be billed at fixed unit rates, see attached Equipment and Expendable Items Rate Sheet. Equipment not listed on the Equipment and Expendable Items Rate Sheet will be procured and invoiced at cost plus a 10% markup.

#### **Expenses**

Expenses (e.g., travel related, freight and shipping, telephone, reproductions) will be billed at actual cost, unless otherwise specified.

## <u>Mileage</u>

Company vehicle and personal vehicle mileage will be billed at the prevailing government rate.

#### **Invoicing and Payment**

Invoices will be issued on a monthly basis. Invoices for time and material work will be issued with detailed work descriptions and expense backup, if requested; no backup will be provided for lump sum work. Invoice payment is due within thirty (30) days of invoice date. Failure to promptly pay invoices will result in a finance charge of 1.5% per month on the past due balance.

## **Expert/Legal Services**

Expert/legal services will be billed at 2.0 times the normal billing rate.



#### **ITEM PRICE LIST 2020**

#### Field Equipment

		Price Per	
Water Monitoring Equipment	Day	Week	Month
Multi-parameter Water Meter (YSI, Horiba, In-Situ)	150	500	1500
Bailer (Stainless or Teflon)	8	24	72
Conductivity, pH, Temperature Meter	35	100	300
Dissolved Oxygen Meter	50	150	450
Redox Meter	65	200	600
Turbidity Meter	35	100	300
Oil/Water Interface Probe	65	195	585
Electric W.L. Indicator	25	75	225
Water Pumping Equipment			1
Peristaltic Pump (M-Flex)	45	135	405
12 volt external battery power supply	10	30	90
12 volt battery charger	5	15	45
1" Centrifugal or Sump	20	60	180
2" Centrifugal or Sump	50	100	300
4" Submersible Pump (10 - 20 gpm)	80	250	750
1" Pneumatic Diaphragm Pump	50	150	450
Wilden Bladder Pump	95	285	855
2" Pneumatic Submersible w/Controller	95	285	855
2" Redi-Flo Pump w/Converter, 100'	150	450	1350
2" Redi-Flo Pump w/Converter, 200'	150	450	1350
Whale Pump 12 volt power	20	60	180
Logging Equipment			
Data Logger/Processor Multi Channel	150	450	1350
Transducer for Multi Channel Unit	90	270	810
In-Situ miniTroll Data Logger	100	300	900
Barometer (recorder)	25	75	225
Garmin GPS	40	120	360
Temperature (IR) Gauge Data Logger	10	30	90
Laptop	55	165	495
I-Pac Hand Held PC	30	90	270
Health and Safety Equipment			
Full Face Respirator	35	100	300
Fall Protection Harness	10	30	90
Level D	Price Qu	Price Quoted Upon Request	
Level C	Price Qu	Price Quoted Upon Request	
Level A or B	Price Qu	Joted Upon Re	quest
Air Monitoring Equipment		055	705
	85	255	765
	60	180	540
	175	550	1650
FID/PID*/**	200	600	1800
Automatic Air Sampling Pump	50	150	450
Manual Air Sampling (Indicator Tubes Extra)	20	60	180
Air Flow Meter (pitot, anemometer)	75	225	675
Magnehelic Pressure Gauges (0-1, 0-10, 0-100 in of H2O)	20	60	180
Digital Micro-Manometer	50	150	450
Roto-Meter (3-25 SCFM)	20	60	180
Soil Vapor Mitigation Blower - 120 VAC (up to approx. 120 CFM)	30	90	270
* plus \$35/use calibration charge			
** Additional charge will apply if shipping is required due to hazardous gas			



## **ITEM PRICE LIST 2020**

	Price Per		
Soil Sampling Equipment	Day	Week	Month
Soil Sampler	35	105	315
Power Auger	65	195	585
Hand Auger with up to 8 ft of extensions (includes handle and bucket)	25	75	225
Core Drill	75	225	675
Metal Detector	25	75	225
Operations Equipment			
Air Compressor (up to 2 hp) with 100' of 3/8" air hose	45	135	405
Generator (up to 5.0 KW)	60	180	540
Surveying Equipment (transit, rod and tape)	55	165	495
Pressure Washer	50	150	450
Shop Vac	20	60	180
100' extension cord (12g)	20	60	180
Portable Tent	20	60	180
Folding Table	10	30	90
Measuring Wheel	10	30	90
Safety Cones/Traffic Barriers	20	60	180
2 - Way Radio (pair)	35	100	300
Truck with tools	50	250	1000
Tools (In-house Construction)	20	50	150
Fluke Electrical Meter	20	60	180
HDPE Electrofusion Welder	125	375	1125
Concrete Mixer (3.5 cf)	100	250	850
MIG Welder	40	120	360

#### Expendable Items

Field Supplies		Cost/Unit	
Drum Labels, vinyl	ea	\$2.00	
Water meter calibration solutions, 125 ml (ph, conductivity, ORP)	set	\$50.00	
Mason jars	case	\$20.00	
Disposable PE Bailer (various sizes)	ea	\$13.00	
Water Filters (1.0 or 0.45 micron)	ea	\$21.00	
Nylon Rope (1/8")	ft	\$0.10	
1/4" Vinyl Tubing	ft	\$0.70	
3/8" Vinyl Tubing	ft	\$1.00	
1/2" Vinyl Tubing	ft	\$1.25	
.170" x 1/4" Polyethylene Tubing (LD or HD)	ft	\$0.40	
1/4" x 3/8" Polyethylene Tubing (LD or HD)	ft	\$0.60	
1/4" Tygon Tubing	ft	\$3.30	
3/8" Tygon Tubing	ft	\$4.70	
1/2" Tygon Tubing	ft	\$5.65	
1/4" Silicon Tubing (#15)	ft	\$4.70	
3/8" Silicon Tubing (#24)	ft	\$8.85	
1/2" Silicon Tubing (#36)	ft	\$12.32	
1/4" Viton Tubing	ft	\$14.00	
3/8" Viton Tubing	ft	\$18.60	
1/2" Viton Tubing	ft	\$17.40	
1/4" Braided Tubing	ft	\$1.60	
3/8" Braided Tubing	ft	\$2.75	
1/2" Braided Tubing	ft	\$3.50	
1/4" Teflon Tubing	ft	\$6.00	



#### **Expendable Items (Continued)**

Field Supplies	Unit	Cost/Unit
3/8" Teflon Tubing	ft	\$9.75
1/2" Teflon Tubing	ft	\$13.95
1/2" General Purpose Hose - 200 psi W.P.	ft	\$1.65
1" General Purpose Hose - 200 psi W.P.	ft	\$2.90
Lab Grade Detergent	pint	\$15.00
Latex Surgical Gloves	pair	\$0.40
Nitrile Sampling Gloves	pair	\$0.50
Leather Gloves	pair	\$14.00
Disposal Booties	pair	\$12.00
Tyvek	ea	\$20.00
Respirator Cartridges	pair	\$50.00
Visqueen (Plastic Sheeting), 2-mil - 10' x 50'	roll	\$30.00
Visqueen (Plastic Sheeting), 4-mil - 10' x 50'	roll	\$57.00
Visqueen (Plastic Sheeting), 6-mil - 20' x 100'	roll	\$120.00
Lock	ea	\$20.00
2" Locking Well Cap	ea	\$18.00
4" Locking Well Cap	ea	\$32.00
Daily Decontamination Kit (includes buckets, detergent, brushes, aluminum foil, etc.)	wk	\$25.00
Daily Env. Hazard PPE kit (sun screen, insect spray)	wk	\$25.00
Mileage (prevailing government rate)	mile	\$0.540
Reproduction/Office Supplies		
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Notes:

Rental Equipment will be cost plus mark up.

Materials needed for project will be cost plus mark up.

Week = 7 day cycle Month = 30 day cycle