

FAUQUIER COUNTY GOVERNMENT AND PUBLIC SCHOOLS
FINANCE DEPARTMENT, PROCUREMENT DMSION
320 Hospital Drive Ste. 23
Warrenton, Virginia 20186
Phone: (540) 422-8354 Fax: (540) 422-8355

NOTICE OF CONTRACT RENEWAL

- 1. DATE: October 5, 2022
- 2. COMMODITY NAME: Open-Ended A/E Services - Industrial/Environmental Engineering
- 3. CONTRACT NUMBER(S): 23-17ksc
- 4. CONTRACT PERIOD:
 - April 17, 2017 - March 1, 2018
 - Renewal #1 April 1, 2018 - March 31, 2019
 - Renewal #2 April 1, 2019 - March 31, 2020
 - Renewal #3 April 1, 2020 - March 31, 2021
 - Final Renewal #4 April 1, 2021 -March 31,2022*
 - Extension #1 **March 31, 2022-June 30, 2022***
 - Extension #2 **July 1, 2022 -June 30, 2023***
- 5. CONTRACTORS:

Apex Companies, LLC
9700 Capital Court, Suite 100
Manassas, VA 20110
Phone (703)-396-6730 Ext 4303
Fax(703)396-6743
Contact: Andrea Heller
ahelle!@fil!excros.com

Froehling & Robertson
22923 Quicksilver Drive, Suite 111
Dulles, VA 20166
Phone(703)996-0123
Fax(703)996-0123
Contact Christy Slaw
csla}Y@fandr.com

- 7. TERMS: Net 45
- 8. FOR FURTHER INFORMATION CONTACT: Kathy H. Stanley, CPPB, Procurement Officer III
PH (540) 422-8354

NOTICE TO ALL FAUQUIER COUNTY GOVERNMENT AND PUBLIC SCHOOL USING DEPARTMENTS: This contract is the result of a competitive bid program and its use must follow the FCG&PS Procurement Policy /Procedures for the purchase of the commodity listed herein. Please see the reverse side of this notice for further instructions regarding this contract.

INSTRUCTIONS

1. **Orders:** All Using Departments must order services listed by issuing a Purchase Orders per the Procurement Procedures Manual, after following the instructions below. An extra copy of the Procedures Manual can be obtained by calling Procurement at (540) 422-8351 or 8352.

PROJECT ORDERS AND PROCEDURES FOR ORDERING SERVICES FOR OPEN-END ARCHITECTURAL SERVICES:

Types of Project Orders:

Lump Sum Fee Project Orders: Lump sum fees shall be negotiated individually for each project and issued as a separate Purchase Order (pricing shall be based on the attached hourly fee schedule and provided as itemized components of the lump sum fee)

Hourly Rate Project Orders: When the scope of services involves work of such nature that the Firm cannot reasonably estimate the time which would be required to provide the services, the Using Department may authorize an Hourly Rate based on the actual hours worked times the hourly rates indicated on the attached fee schedule and other approved expenses. A maximum Purchase Order fee or cost not to exceed limitation shall be agreed upon for Hourly Rate Purchase Orders. When an Hourly Rate Purchase Order is used, the Firm shall submit detailed time records, documentation for other expenses, and such other evidence as the Using Department may require to support the Firm's billing request. Invoices must include contract hourly rate, position title, number of hours and original invoices for consumables and or sub-contractors.

Procedures for Ordering Services

Coming soon: Using Departments will utilize these contracts on a rotating basis, using a spreadsheet the Procurement Division will develop and post on the County Intranet, to ensure equitable sharing of tasks among all awarded Firms. The Using Department will request a lump sum fee or hourly rate proposal for each Project from the Firm. At the Firm's expense, the Firm shall visit the site and prepare a detailed proposal for accomplishing the services. The Firm shall determine feasibility of the proposed budget at this time. The Firm shall prepare a detailed lump sum or hourly rate (as applicable) fee proposal for accomplishing the services.

The Using Department will evaluate the Firm's fee proposal and may negotiate a suitable lump sum fee or a "not to exceed" amount with the Firm. Prompt completion of fee negotiations is imperative. Following successful negotiations, the Using Department will prepare a purchase order for the agreed scope of work and fee proposal, incorporating by reference the terms and conditions of this contract and forward to the Procurement Division. Once the Procurement Division has processed the purchase order (and assigned a number) the Using Department will authorize and instruct the Firm to proceed with the appropriate phase of the work. All purchase orders shall incorporate by reference the terms of this agreement.

All Proposals/Quotes must reference the appropriate contract number. If a contract number is not on the Proposal/ Quote the vendor must be notified to provide revised documentation.

The Firm shall not perform any work that has not been authorized by a written purchase order (or change order) executed by the Procurement Division. The Firm assumes all risk and financial liability for any services rendered without such proper authorization.

The Using Department reserves the right, at its sole discretion, to issue purchase orders to any Open-End firm based on its evaluation of each Firm's qualifications, expertise, capabilities, performance record, current workload, location or distance to the project and other factors as may be pertinent to a particular project.

Purchase Order Restriction/Maximum Fee Limitation: No individual purchase order fee shall exceed \$500,000* under contracts awarded within Open-End A/E contracts, and the sum of all projects during the contract term shall not exceed \$1,500,000*. If a project is expected to be over this amount, requirements shall be forwarded to the Procurement Division and a separate RFP will be done for that project.

** These levels raised per Procurement Policy revisions effective with the fourth/ final renewal of this contract.*

Change Orders: Change orders, authorized by the Procurement Division, may be issued to modify the scope of a Purchase Order. Change orders may add to, delete or otherwise modify the scope of services against a particular Purchase Order.

In making any modifications, the resulting increase or decrease in cost for the modification shall be determined by one of the following methods:

- A. The written modification shall stipulate the mutually agreeable fixed price for the specific addition to and/or deletion from the scope of work and/or specifications which shall be added to or deducted from the total contract amount.
 - B. The written modification shall direct the Firm to proceed with a specific scope of work and to keep, and present in a form as the Using Department may direct, a correct account of the actual man-hours by category and discipline and the time sheets therefor. The fee amount will be the man-hours expended multiplied by the hourly rates specified in attached hourly fee schedule. No additional increase for overhead and profit will be allowed. Changes using this procedure will usually specify a maximum amount.
2. All correspondence and documents (to include invoices) shall reference the contract number, applicable purchase order number and any project reference number the Using Department may identify.
 3. Approval of Firm's invoice is the responsibility of the receiving using department. Make sure to validate the hourly rates for each position against the contract.
 4. Any complaint as to quality of services or violation of contract provisions by the Firm shall be reported to the Procurement Division for handling with the Firm. All complaints must be submitted in writing and can be forwarded to Procurement via fax, e-mail or courier.
 5. Renewals: No renewals remain for this contract; a new solicitation will be released approximately 90 days prior to final expiration of this last contract term.
 6. Price Adjustments: Contract prices shall remain firm for the award year. Prices may be negotiated not to exceed the CPI-U, only at the time of renewal. All price increases must be approved by the contract officer. Contract users will be sent notification of contract change from the Procurement office as official notification of such changes, if approved.
 7. Evaluation of Services: At the conclusion of any project performed under this contract, or periodically throughout the project, the Using Department is requested to complete an Evaluation Form and return to the Procurement Division. This will be kept in the contract file for renewal and contract performance purposes.

RFP23-17ks, Open End Fee Schedule - Industrial Environmental Engineering Services	>\. APEX
Service Level Description	2022
Assistant Project Manager	\$122
Project Manager	\$148
Sr. Project Manager	\$160
CIH/CSP/Program Manager	\$175
Principal	\$195
Engineer I	\$90
Engineer II	\$111
Engineer III	\$132
Sr. Engineer	\$169
Scientist/Geologist/Hydrogeologist I	\$79
Scientist/Geologist/Hydrogeologist 11	\$101
Scientist/Geologist/Hydrogeologist 111	\$122
Sr. Scientist/Geologist/Hydrogeologist	\$127
Asbestos/Lead Inspector	\$85
Asbestos Management Planner	\$85
Asbestos Abatement Designer	\$95
Asbestos Project Monitor/Industrial Hygiene Tech (IHT)	\$90
IAQ Specialist	\$85
Laborer	\$60
Technician I	\$70
Technician II	\$75
Technician III	\$90
Foreman	\$100
Superintendent	\$125
UST Technician	\$95
UST Supervisor	\$110
Clerical Support	\$60
Draftsperson/GADD Operator	\$85
Stormwater/E&S Inspector	\$80
GIS Tech	\$80
Wetland Specialist/Permit Writer	\$170
Asbestos Airborne Fiber Analysis, PCM 24-hour TAT	\$9.60/each
Asbestos Airborne Fiber Analysis, TEM 24 hr TAT	\$72/each
Asbestos Bulk Sample Analysis, PLM 3-day TAT (Standard)	\$8.75/each
Asbestos Bulk Sample Analysis, PLM 24-hour TAT (Rush)	\$9.75/each
Particle Identification, PM 10 and PM 2.5 Analysis	\$45/each
Lead Paint Analysis, Paint Chip and/or Air 3-day TAT (Standard)	\$11/each
Lead Paint Analysis, Paint Chip and/or Air 24-hour TAT (Rush)	\$16/each
Lead in Drinking Water Analysis, 3-day TAT (Standard)	\$75.60/each

TCLP, Lead Analysis, 3-day TAT (Standard)	\$109.20/each
Spore Trap Analysis 24-hour TAT (Standard)	\$36.30/each
Mold Traps/ Air O Cells (Cassettes Only)	\$5/ cassette
Swab/Bulk Fungal Analysis 24-hour TAT (Standard)	\$41.40/each
Swab/Bulk Bacteria Analysis 24-hour TAT (Standard)	\$41.40/each
VOE Scan via TO-15-1-week TAT (Standard)	\$362.50/sample
VOE Scan w/ Library Search via TO-15 - 1-week TAT (Standard)	\$412.80/sample
Nuisance Dust (Total/Respirable) 24-hour TAT (Standard)	\$40 each
Sewage Screen 1 week TAT (Standard)	109.25/each
Service Level Description	
Geoprobe Vehicle	\$2,500/day
DRO and GRO Analysis	\$84/each
Air Pumps	\$40/dav
XRF Analyzer (Lead-Based Paint)	\$570/day
Stormwater Pump 2"	\$150/day
Stormwater Pump 4"	\$300/dav
Meters	\$75/day
Microscopes	\$55/day
Trucks	\$125/day
Hand Auger	\$22/day
ISCOs	\$74/day
Generator	\$50.40/day
Mlieage will be billed at GSA rates.	
All other direct costs will be billed at cost plus 16%.	

Contract# F&R23-17ksc
Open End, As Required Industrial Environmental Engineering Services

F & R Contract Pricing below remains the same for final 2021-2022 term

Labor Category	Hourly Rate
Environmental Engineer Senior	146.98
Environmental Engineer IV	121.14
Environmental Engineer III	105.61
Environmental Engineer II	84.26
Environmental Engineer I	66.16
Environmental Planner Senior	146.94
Environmental Planner IV	122.08
Environmental Planner III	106.81
Environmental Planner II	85.22
Environmental Planner I	68.08
Environmental Analyst Senior	131.58
Environmental Analyst IV	111.96
Environmental Analyst III	98.02
Environmental Analyst II	81.40
Environmental Analyst I	64.31
Certified Industrial Hygienist	131.65
Industrial Hygienist IV	104.80
Industrial Hygienist III	93.65
Industrial Hygienist II	79.51
Industrial Hygienist I	58.82
Environmental Scientist Senior	137.88
Environmental Scientist IV	118.32
Environmental Scientist III	100.45
Environmental Scientist TI	85.87
Environmental Scientist I	69.24
Environmental Specialist Senior	126.85
Environmental Specialist IV	111.14
Environmental Specialist III	94.67
Environmental Specialist II	78.97

* F&R Fiscal Year FY) = 1 Apr - 30 Mar.

* Labor categories and rates highlighted in yellow are those that are most highly anticipated for use in performing services for Fauquier County.

**FAUQUIER COUNTY GOVERNMENT
AND PUBLIC SCHOOLS**

Date: September 21, 2022

Contract No.: APEX-23-17ksc, Open-End As-Required A/E, Industrial Environmental Engineering

Firm: Apex Companies, LLC
Attn: Andrea Heller
9700 Capital Court, Suite 100
Manassas, VA 20110

Extension No.: 2

Effective Date: See Below

Issued by: Fauquier County Government and Public Schools
Procurement Division
320 Hospital Drive, Suite 23
Warrenton, VA 20186

This Supplemental Agreement is entered into pursuant to the provision of the basic contract.

1) Contract Extension

Fauquier County Government and Public Schools is exercising its option to extend the above referenced contract on a month to month basis not to exceed twelve (12) months. The period of the extension will be from **July 1, 2022** through **June 30, 2023**. It is understood and agreed that all terms, conditions, and prices of the original contract, except as noted above, remain the same during the contract extension period.

Except as provided herein, all terms and conditions of the referenced contract, as heretofore changed, remain unchanged and in full force and effect.

Apex Companies, LLC

By: _____
Signature

Division Manager

Title

9-21-22

Date

Fauquier County Government/Public Schools

By: Charles Ward
Charles Ward, MBA, CPM, VCO

Procurement Manager

10.3.2022

Date

**FAUQUIER COUNTY GOVERNMENT
AND PUBLIC SCHOOLS**

Date: September 21, 2022

Contract No.: 23-17ksc, Open-End As-Required A/E, Industrial Environmental Engineering

Firm: Froehling & Robertson, Inc.
Attn: Christy Slaw
22923 Quicksilver Drive, Suite 111
Dulles, VA 20166

Extension: 1

Effective Date: See Below

Issued by: Fauquier County Government and Public Schools
Procurement Division
320 Hospital Drive, Suite 23
Warrenton, VA 20186

This Supplemental Agreement is entered into pursuant to the provision of the basic contract.

*the subcontract pricing is modified per the attached fee sheets..

1) Contract Extension

Fauquier County Government and Public Schools is exercising its option to extend the above referenced contract on a month to month basis until such time that a new contract is in place. The period of the extension will be from **July 1, 2022** through **June 30, 2023**. It is understood and agreed that all terms, conditions, and prices of the original contract, except as noted above, remain the same during the contract extension period.

Except as provided herein, all terms and conditions of the referenced contract, as heretofore changed, remain unchanged and in full force and effect.

Froehling & Robertson, Inc.

Fauquier County Government/Public Schools

By: Christy Slaw
Signature

By: Charles Ward
Charles Ward, MBA, CPM, VCO

Christy Slaw Director of Environmental Services

Procurement Manager

Title

10/4/2022

10.5.2022

Date

Date

-GPRS 8-hr rate \$1,950

-Green Services 8-hour rate which is \$2,100 with a \$200 mobilization fee. Note-groundwater sampling fees determined at the time of the event



Alphabetical Listing and Cost of Analytical Testing Procedures

Analysis	Method	Matrix	Cost
Acidity	SM 2310B (4a)	Water	\$25.00
Alkalinity (to pH 4.5 & 8.3)	SM 2320B / EPA 310.2	Water	\$25.00
Bacteria, Fecal Coliform	SM 9221B	Water	\$75.00
Bacteria, Total Coliform	SM 9223B	Water	\$75.00
Bacteria, Total Plate Count	SM 9215B	Water	\$75.00
Bacteroides	SOP	Water	\$175.00
Biochemical Oxygen Demand (BOD)	SM 5210B	Water	\$60.00
Bromide	EPA 300.0	Water	\$35.00
		Solid	\$50.00
BTEX and/or MTBE and Naphthalene	EPA 8021B	Water, Solid	\$110.00
BTEX and/or MTBE and Naphthalene	EPA 8260D	Water, Solid	\$225.00
Chemical Oxygen Demand (COD)	EPA 410.4 / SM 5220D	Water	\$35.00
Chloride	EPA 300.0	Water	\$35.00
		Solid	\$50.00
Chlorine, Residual	SM 4500 CL-G	Water	\$60.00
Chromium, Hexavalent	SM 3500Cr B / EPA 7196A	Water	\$90.00
		Solid	\$120.00
Cyanide, Total	SM 4500CN E / SW 9014 / SW 9010 / EPA 335.4	Water, Solid	\$60.00
Dioxins/Furans	EPA 8290 / 1631	Water, Solid	\$825.00
Dioxins (2378-tedd only)	EPA 8290 / 1631	Water, Solid	\$575.00
Dissolved Gases (Methane and/or Ethane, Ethene and Propane)	EPA 8015M	Water, Air	\$150.00
Dissolved Metals (except Mercury) – Field Filtered	EPA 6020B / 200.8	Water	\$30.00
Dissolved Metals (except Mercury) – Not Field Filtered		Solid	\$55.00
Dissolved Mercury – Field Filtered	EPA 6020B / 200.8 / 245.1	Water	\$30.00
Dissolved Mercury – Not Field Filtered		Solid	\$55.00
Extractable Organic Halogens (EOX)	SW 9020B / 9023 / 9078	Water, Solid, Solvent, Oil	\$120.00
Flash Point	EPA 1020A	Water, Solid, Solvent, Oil	\$75.00
Fluoride	EPA 300.0	Water	\$35.00
		Solid	\$50.00
Glycols (Propylene and Ethylene)	EPA 8015M	Water, Solid	\$275.00
Hardness, Total	SM 2340B or C	Water	\$25.00
Herbicides, Chlorinated	EPA 8151A	Water, Solid	\$290.00



Alphabetical Listing and Cost of Analytical Testing Procedures

Analysis	Method	Matrix	Cost
Mercury	EPA 200.8 / 245.1 / 6020B / 7470	Water, Solid	\$60.00
Mercury, Elemental	EPA 3200	Solid	\$250.00
Mercury, Low Level	EPA 1631E	Water	\$125.00
Metals, Total	EPA 6020B / 200.8	Water	\$30.00
<i>First Metal</i>		Solid	\$55.00
Metals, Total <i>Each Additional Metal</i>	EPA 6020B / 200.8	Water, Solid	\$20.00
Metals, RCRA (8)	EPA 6020B / 200.8	Water, Solid	\$180.00
Metals, Priority Pollutant (13)	EPA 6020B / 200.8	Water, Solid	\$230.00
Metals, TAL (23)	EPA 6020B / 200.8	Water, Solid	\$325.00
Moisture Content	SM 2540G	Solid	\$20.00
Nitrogen, Ammonia	SM 4500-NH ₃ B, C, D, E or F / EPA 350.1	Water	\$40.00
		Solid	\$55.00
Nitrogen, Nitrate	EPA 300.0	Water	\$35.00
		Solid	\$50.00
Nitrogen, Nitrite	EPA 300.0	Water	\$35.00
		Solid	\$50.00
Nitrogen, Nitrate & Nitrite (as N)	SM 4500-NO ₃ H / EPA 353.2	Water	\$70.00
		Solid	\$100.00
Nitrogen, Total Kjeldahl (TKN)	SM 4500-NH ₃ B, C or E, EPA 351.2 / HACH 10242	Water	\$60.00
		Solid	\$75.00
Oil & Grease (Gravimetric HEM)	EPA 9071BM / 1664B Modified	Water, Solid	\$85.00
Paint Filter Liquids Test	EPA 9095B	Solid	\$35.00
PCBs (Polychlorinated Biphenyls)	EPA 8082A / 608.3	Water, Solid, Solvent, Oil	\$120.00
PCB Congeners	EPA 1668	Water, Solid	\$950.00
Perchlorate	EPA 314.1	Water, Solid	\$175.00
Pesticides, Organochlorine	EPA 8081B / 608.3	Water, Solid	\$120.00
Pesticides, Organophosphorus	EPA 8141	Water, Solid	\$300.00
pH – Corrosivity	SM 4500 H+B / SW 9045D	Water, Solid	\$10.00
Phenolics	EPA 420.1, 420.4	Water	\$125.00
Phosphorus (Orthophosphate or Total)	EPA 365.1 / 365.3 / SM 4500 PE	Water	\$40.00
		Solid	\$55.00
Polynuclear Aromatic Hydrocarbons (PAHs)	EPA 8270E / 625.1	Water, Solid	\$200.00
Polynuclear Aromatic Hydrocarbons (PAHs) Selective Ion Monitoring (SIM)	EPA 8270C / 625.1	Water, Solid	\$300.00



Alphabetical Listing and Cost of Analytical Testing Procedures

Analysis	Method	Matrix	Cost
Product ID or Product Comparison by Gas Chromatography	Various	Water, Solid, Fuel, Unknown Solvents	\$350.00
Reactivity (Cyanide, Sulfide)	SW 846-7.3 / SW 9014 / SM 4500-S2_D/F	Solid	\$150.00
Semi-Volatile Organic Compounds	EPA 8270E / 625.1	Water, Solid	\$475.00
Semi-Volatile Organic Compounds with Library Search (NIST)	EPA 8270E / 625.1	Water, Solid	\$525.00
Solids, Settleable	SM 2540F	Water	\$25.00
Solids, Total	SM 2540B	Water, Solid	\$25.00
Solids, Total Dissolved	SM 2540C	Water	\$25.00
Solids, Total Suspended	SM 2540D	Water	\$25.00
Solids, Total Volatile	SM 2540E / EPA 160.4	Water, Solid	\$25.00
Specific Conductance	SM 2510B / EPA 120.1	Water, Solid	\$25.00
Sulfate	SM 4500-SO4C or D / EPA 300.0	Water	\$35.00
		Solid	\$50.00
Sulfide, Total	EPA 9030B / SM 4500-S2_D	Water	\$50.00
Surfactants (CTAS/MBAS)	SM 5540C, D	Water	\$150.00
TO-15 Volatile Organic Compounds in Air	EPA TO-15	Air	\$275.00
TO-15 Volatile Organic Compounds in Air with Library Search (NIST)	EPA TO-15	Air	\$325.00
TO-15 Volatile Organic Compounds in Air with Certified Cannister	EPA TO-15	Air	\$375.00
Total Organic Carbon (TOC)	SM 5310B, C or D / EPA 9060 / Walkley-Black	Water, Solid	\$90.00
Total Organic Halogens (TOX)	EPA 9020B / 9023 / 9078	Water, Solid, Solvent, Oil	\$120.00
Toxicity Characterization or Synthetic Precipitation Leaching Procedure (TCLP/SPLP) Complete Pkg.	EPA 1311 / 1312 / Various	Solid	\$1,125.00
Toxicity Characterization or Synthetic Precipitation Leaching Procedure (TCLP/SPLP) Metals, Volatiles and Semi-Volatiles	EPA 1311 / 1312 / Various	Solid	\$900.00
Toxicity Characterization or Synthetic Precipitation Leaching Procedure (TCLP/SPLP) Pesticides and Herbicides	EPA 1311 / 1312 / Various	Solid	\$365.00
Toxicity Characterization or Synthetic Precipitation Leaching Procedure (TCLP/SPLP) Volatiles Analysis	EPA 1311 / 1312 / 8260D	Solid	\$375.00
Toxicity Characterization or Synthetic Precipitation Leaching Procedure (TCLP/SPLP) Semi-Volatiles Analysis	EPA 1311 / 1312 / 8270E	Solid	\$545.00



Alphabetical Listing and Cost of Analytical Testing Procedures

Analysis	Method	Matrix	Cost
Toxicity Characterization or Synthetic Precipitation Leaching Procedure (TCLP/SPLP) Herbicides Analysis	EPA 1311 / 1312 / 8151A	Solid	\$245.00
Toxicity Characterization or Synthetic Precipitation Leaching Procedure (TCLP/SPLP) RCRA Metals Analysis (or any individual metal)	EPA 1311 / 1312 / 6020B	Solid	\$250.00
Toxicity Characterization or Synthetic Precipitation Leaching Procedure (TCLP/SPLP) TPH DRO	EPA 1311 / 1312 / 8015C	Solid	\$180.00
Toxicity Characterization or Synthetic Precipitation Leaching Procedure (TCLP/SPLP) TPH ORO	EPA 1311 / 1312 / 8015C	Solid	\$180.00
Toxicity Characterization or Synthetic Precipitation Leaching Procedure (TCLP/SPLP) TPH GRO	EPA 1311 / 1312 / 8015C	Solid	\$155.00
TPH - Total Petroleum Hydrocarbons by Gas Chromatography (TPH-GC DRO)	EPA 8015C	Water, Solid	\$110.00
TPH - Total Petroleum Hydrocarbons by Gas Chromatography (TPH-GC GRO)	EPA 8015C	Water, Solid	\$85.00
TPH - Total Petroleum Hydrocarbons by Gas Chromatography (TPH-GC ORO)	EPA 8015C	Water, Solid	\$110.00
TPH - Total Petroleum Hydrocarbons by Extraction and Gravimetry (TPH SGT-HEM)	EPA 9071BM / 1664B Modified	Water, Solid	\$85.00
Turbidity	EPA 180.1 / SM 2130B	Water	\$30.00
Volatile Organic Compounds	EPA 8260D / 624.1	Water, Solid	\$225.00
Volatile Organic Compounds with Library Search (NIST)	EPA 8260D / 624.1	Water, Solid	\$375.00
Volatile Organic Compounds in Drinking Water	EPA 524.2	Water	\$225.00
Volatile Organic Compounds in Air	EPA TO-15	Air	\$275.00
Volatile Organic Compounds in Air with Library Search (NIST)	EPA TO-15	Air	\$325.00
Volatile Organic Compounds in Air with Certified Cannister	EPA TO-15	Air	\$375.00



Miscellaneous Fees

Analysis	Method	Matrix	Cost
Chlorine Meter Rental	SM 4500 CL-G	Water	\$150.00/day
Compositing Fee (lab compositing of samples)	\$10.00, plus \$5.00 for each container	Water, Solid	\$20.00 (min)
Deionized Water (for field/equipment blanks)	1 Liter container	Water	\$10.00
Disposal Fee (Hazardous Sample)	N/A	Water, Solid, Oil	\$50.00/sample
On Hold Fee (monthly basis)	Samples held for Analysis	Soil, Water	\$10.00/sample
Product ID Standard	Known used to ID product	Various	\$100.00 per standard used
Volatile Organic Compounds Terra Core Soil Kit (VOC or GRO)	EPA 5035	Solid	\$15.00
Volatile Organic Compounds Terra Core Soil Kit (VOC and GRO)	EPA 5035	Solid	\$20.00
Metals, Lab Filtering (Dissolved)	EPA 6020B / 200.8	Water	\$20.00
Tedlar Bag (1 Liter)	TO-15	Air	\$15.00
Certified Cleaned Tubing (Nitrogen purged)	TO-15	Air	\$2.50/ft.
Individually Certified Canister	TO-15	Air	\$100.00
Canister Cleaning	TO-15	Air	\$100.00
Vapor Pin Installation Equipment (T-50 hammer drill, 5/8"x22" drill bit, extension cord, shop vac)	TO-15	Air	\$250.00 (2-day rental)
Vapor Pin Installation Equipment (1.5"x12" drill bit) Permanent Installation	TO-15	Air	\$50.00 (2-day rental)
Vapor Pin Installation Kit Rental (installation/removal tool, dead blow hammer, cleaning brush)	TO-15	Air	\$35.00
Vapor Pin (Brass) Permanent Installation	TO-15	Air	\$50.00
Vapor Pin (Stainless Steel w/Compression Fitting) Permanent Installation	TO-15	Air	\$95.00
Vapor Pin (Brass) Rental	TO-15	Air	\$20.00
Vapor Pin (Stainless Steel w/Compression Fitting) Rental	TO-15	Air	\$25.00
Vapor Pin Cover (Stainless Steel) Permanent Installation	TO-15	Air	\$35.00
1" Stainless Steel Implant	TO-15	Air	\$25.00
6" Stainless Steel Implant	TO-15	Air	\$40.00
Water Dam	TO-15	Air	\$10.00
Helium Leak Testing Kit	TO-15	Air	\$150.00
Helium Leak Testing Kit Consumables per/sample	TO-15	Air	\$25.00



TO-15 Supply Replacement Fees

Analysis/Material	Method/Description	Matrix	Cost
PTFE Ferrule Replacement	TO-15	Air	\$2.50
Stainless Steel Nut Replacement	TO-15	Air	\$6.00
Hole Brush	TO-15	Air	\$10.00
Dust Brush	TO-15	Air	\$10.00
Trowel	TO-15	Air	\$10.00
Box of Sealant	TO-15	Air	\$10.00
Dumbbell Weight	TO-15	Air	\$10.00
Tube Cutter	TO-15	Air	\$25.00
7/16" Wrench	TO-15	Air	\$15.00
3-Way Adaptor	TO-15	Air	\$15.00
Vapor Pin Secure Cover Tool	TO-15	Air	\$25.00
Recessed Vapor Pin Drill Guide	TO-15	Air	\$35.00
Vapor Pin Tool	TO-15	Air	\$55.00
Dead Blow Hammer	TO-15	Air	\$30.00
Hand Vacuum Pump	TO-15	Air	\$25.00
Helium Shroud	TO-15	Air	\$50.00
Dust Shroud	TO-15	Air	\$100.00
Shop Vac	TO-15	Air	\$75.00
100' Extension Cable	TO-15	Air	\$110.00
5/8" x 22" Drill Bit	TO-15	Air	\$175.00
1.5" x 12" Drill Bit	TO-15	Air	\$300.00
Hammer Drill	TO-15	Air	\$850.00
Canister	TO-15	Air	\$600.00
Regulator	TO-15	Air	\$1,000.00
Helium Meter	TO-15	Air	\$3,000.00



Asbestos Technologies Laboratory

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Test Code	Analysis	3hr	6hr	12hr	1day	2day	3day	4day	5day
ABA	Asbestos Air - PCM NIOSH 7400 Method	\$ 16.50	\$ 13.50	\$ 10.00	\$ 6.50	\$ 6.50	\$ 6.50	\$ 6.50	\$ 6.00
ABA-2	Asbestos Air - OSHA TWA NIOSH 7400	17.75	14.50	11.00	8.25	8.00	7.75	7.25	6.75
ABB	Asbestos Bulk - PLM EPA 600 Per Layer	16.50	13.50	10.00	6.75	6.00	5.50	5.25	4.50
ABEPA	Asbestos Bulk - EPA PLM 400 Point Count	23.75	21.50	20.25	17.75	16.50	16.00	15.00	12.50
ABBEN	Asbestos Bulk - EPA PLM NOB	-	-	-	27.50	25.00	23.75	22.75	20.50
ABBIK	Asbestos Bulk - PLM EPA 1000 Point Count	131.00	107.00	89.25	71.75	59.75	47.50	35.75	23.75
ABBN	Asbestos Bulk - NIOSH 9002	17.75	14.50	10.75	8.75	8.25	7.75	7.25	6.50
ABSE	Asbestos Soil - PLM EPA 600 Qualitative	77.25	65.50	59.75	47.50	35.75	29.75	23.75	17.00
ABSP	Asbestos Soil/Vermiculite - PLM CARB 435 (LOD < 1%)	119.00	107.00	95.25	83.25	77.25	71.75	65.50	57.25
ABSP2	Asbestos Soil/Vermiculite - PLM CARB 435 (LOD 0.1%)	208.50	178.75	148.75	131.00	113.25	101.50	95.25	85.75
ABSP1	Asbestos Soil/Vermiculite - PLM CARB 435 (LOD 0.25%)	155.00	142.75	131.00	107.00	95.25	83.25	77.25	68.75
ABQ	Asbestos PLM Qualitative (tapes, bulk, and/or ash)	45.75	40.25	28.50	23.00	21.75	20.50	19.50	17.00
Test Code	TEM Analysis	4hr	8hr	12hr	1day	2day	3day	4day	5day
ABTEM	Asbestos Air - TEM AHERA	214.25	107.00	89.25	71.75	65.50	59.75	53.50	45.75
ABT2	Asbestos Air - TEM Level II	214.25	107.00	89.25	71.75	65.50	59.75	53.50	45.75
ABATN	Asbestos Air - TEM NIOSH 7402	214.25	131.00	101.50	89.25	83.25	77.25	71.75	62.75
ABBTM	Asbestos Bulk - TEM EPA NOB	-	-	Call	77.25	71.75	65.50	59.75	51.75
ABBCH	Asbestos Bulk - TEM Chatfield	-	-	Call	77.25	71.75	65.50	59.75	51.75
ABDMV	Asbestos Dust MicroVac ASTM D 5755	178.75	119.00	101.50	77.25	71.75	65.50	59.75	51.75
ABWA	Asbestos TEM Wipe ASTM D 6480	178.75	119.00	101.50	89.25	83.25	71.75	59.75	51.75
ABCM	Cincinnati Method for Vermiculite - TEM/PLM	-	-	-	-	393.00	357.00	321.50	274.75
ASBT1	Asbestos Soil/Vermiculite - TEM CARB 435	-	-	-	393.00	357.00	321.50	321.50	274.75
ABHE	Asbestos Water - EPA 100.2	190.75	131.00	113.25	101.50	95.25	83.25	71.75	62.75
NYS - ELAP	New York State Department of Health	3hr	6hr	12hr	1day	2day	3day	4day	5day
ABEPA2	Asbestos PLM ELAP 198.1	23.75	21.50	17.75	15.50	14.50	13.00	12.00	10.50
ABENY	Asbestos PLM NOB ELAP 198.6	-	-	27.50	23.75	21.50	19.25	16.50	15.00
ABBNY	Asbestos Bulk - TEM NY ELAP 198.4	-	-	Call	89.25	65.50	53.50	41.75	34.25

Please contact the lab prior to submitting your special projects and/or high volume jobs to receive a quote

All asbestos bulk samples are charged per layer analyzed

Samples that are prepped, but not analyzed may incur a prep fee

ALL WEEKEND AND HOLIDAY WORK WILL BE BILLED AT 150% OF THE 3HR ANALYTICAL RATE & MUST BE PRESCHEDULED WITH THE LAB.

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Lead/Metals													
Test Code	Analysis	Same Day	1day	2day	3day	4day	5day	Same Day	1day	2day	3day	4day	5day
AA	Lead - Total Concentration of Lead	\$ 10.75	\$ 8.25	\$ 8.00	\$ 7.75	\$ 7.50	\$ 7.00						
ICP1	Single Metal Identification	77.25	53.50	47.50	35.75	29.75	23.00						
ICP2	Each Additional Metal Identification (Additional Discounts on 4+ Metals)	53.50	35.75	29.75	23.75	22.00	17.00						
Hg	Mercury Identification	-	53.50	47.50	41.75	35.75	28.50						
RCRA	TCLP/RCRA8	-	274.00	250.00	220.50	178.75	143.00						
TCLP	TCLP for Single Metal	-	101.50	83.25	77.25	69.50	64.25						
TCLP1	TCLP - Each Additional Metal	-	25.25	24.00	20.50	17.00	13.75						
	Panels	-	-	-	-	-	-						
RCRA8	RCRA 8 Metals (8) As, Ba, Cd, Cr, Pb, Se, Ag, Hg	-	196.25	160.75	131.00	113.25	97.25						
ICP13	Priority Pollutants (13) Ag, As, Be, Cd, Cr, Cu, Hg, Ni, Pb, Sb, Se, Tl, Zn	-	270.75	218.00	176.75	152.00	137.50						
Materials Science													
Test Code	Analysis	Same Day	1day	2day	3day	4day	5day	Same Day	1day	2day	3day	4day	5day
MMVF	Materials Science - NIOSH 7400 w/ STEM	-	-	262.00	214.25	178.75	137.50						
MSP	Materials Science - Special Project; Single Analyte	\$ 357.00	\$ 178.75	\$ 119.00	\$ 101.50	\$ 95.25	\$ 80.25						
MSPOP	Materials Science - Optical Particle ID	595.50	297.75	238.00	190.75	148.75	114.50						
MSPFP	Materials Science - Full Particle ID w/ Chemistry	-	-	802.50	695.50	588.50	481.50						
M6001	IESO/RIA Standard 6001 using both PLM and STEM analyses	-	595.50	506.00	446.50	357.00	327.50						
M6001P	IESO/RIA Standard 6001 using PLM analysis only	238.00	131.00	113.25	101.50	89.25	77.25						
M6602	ASTM D 6602 Char, Ash, Soot and Carbon Black (Full Analysis) Optics, Volatiles, STEM	-	-	535.75	416.75	357.00	314.75						
M6602P	ASTM D 6602 Char, Ash, and Opaque particles (Optics Only) - PLM	-	142.75	131.00	119.00	107.00	91.50						
PCB	Polychlorinated Biphenyls (subbed to VELAP Certified laboratory)	-	374.50	267.50	240.75	207.00	160.50						
Gravimetric Methods													
Test Code	Analysis	Same Day	1day	2day	3day	4day	5day	Same Day	1day	2day	3day	4day	5day
N0500	NIOSH 0500 Nuisance Dust, Total	53.50	29.75	23.75	20.75	17.75	12.00						
N0600	NIOSH 0600 Nuisance Dust, Respirable	53.50	29.75	23.75	20.75	17.75	12.00						
N5000	NIOSH 5000 Carbon Black	89.25	65.50	53.50	47.50	41.75	34.25						
N5000T	NIOSH 5000 Carbon Black w/ TEM Confirmation	238.00	214.25	202.25	196.25	178.75	154.50						
NADCA	NADCA Vacuum Test for Air Duct Cleanliness	53.50	29.75	23.75	20.75	17.75	12.00						

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Environmental Microbiology							Free UPS Next Day Air Shipping for Samples			
Test Code	Non-Viable Analysis	3hr	6hr	1day	2day					
A1	Spore Trap Analysis - Identification & Enumeration of Fungal Spores w/ Fragment, Dander, Fiber & Pollen Counts	\$ 65.50	\$ 53.50	\$ 33.25	\$ 26.25					
A2	Spore Trap Analysis - Identification & Enumeration of Fungal Spore w/ Total Fragment Count	59.75	47.50	29.75	26.25					
D1	Semi-Quantitative Direct Identification of Fungi	47.50	41.75	29.75	25.25					
D2	Direct Identification of Insect Parts, Pollen, Fibers, etc *	47.50	41.75	29.75	25.25					
D3	Quantitative Direct Identification of Fungi	65.50	53.50	38.00	32.00					
D4	Direct Identification of Fungi, Insect Parts and Fibers *	65.50	53.50	47.50	40.25					
Test Code	Viable Analysis	2-4 Days	5-10 Days							
C1-AP	Air Culture - Identification and Enumeration of Fungi Only**		\$40.25		\$40.25					
C2-AP	Air Culture - Identification and Enumeration of Bacteria Only									
C3-AP	Air Culture - Identification and Enumeration of Fungi & Bacteria**		\$51.75		\$51.75					
C4-AP	Air Culture - Identification and Enumeration of Thermophilic Bacteria		\$25.25		\$36.75					
C5-AP	Air Culture - Total Bacterial Count				\$51.75					
C6-AP	Air Culture - Total Fungal Count				\$63.25					
C1	Swab/Bulk Culture - Identification and Enumeration of Fungi Only**									
C2	Swab/Bulk Culture - Identification and Enumeration of Bacteria Only		\$51.75		\$63.25					
C3	Swab/Bulk Culture - Identification and Enumeration of Fungi & Bacteria**									
C4	Swab/Bulk Culture - Identification and Enumeration of Thermophilic Bacteria		\$51.75		\$63.25					
Test Code	Legionella									
L1	Legionella- Subculture to Purify Isolate > Final Results via DFA				10-14 Days	\$160.50				

* More detailed analysis may require Materials Science Testing
 ** For Fungal speciation (Additional \$37.50 for each organism), please contact the laboratory prior to submitting samples.

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