

As outlined in the Solicitation, included in this section are the following:

- Pricing Sheet
- Ardaman Fee Schedule for RFP #22-903
- SRL Fee Schedule for RFP #22-903

Ardaman & Associates, Inc.

SAVE AND SUBMIT AS AN EXCEL FILE

The Contractor will furnish all labor, materials, tools, transportation and equipment necessary to provide Geologic and Hydrogeologic services to Lake County on an as-needed basis. Actual hours are unknown and are estimated for evaluation purposes only.

Alterations to locked cells may result in disqualification of submission.

1. Semi-Annual Report:

ITEM #	DESCRIPTION	ESTIMATED NUMBER OF HOURS	HOURLY RATE	TOTAL
1	Professional Geologist	18	\$147.00	\$2,646.00
2	Staff Geologist	16	\$113.00	\$1,808.00
3	Drafting Services	3	\$75.00	\$225.00
4	Clerical / Administration Services	3	\$57.00	\$171.00

2. Central LF Biennial Report:

ITEM #	DESCRIPTION	ESTIMATED NUMBER OF HOURS	HOURLY RATE	TOTAL
5	Professional Geologist	90	\$147.00	\$13,230.00
6	Staff Geologist	20	\$113.00	\$2,260.00
7	Drafting Services	10	\$75.00	\$750.00
8	Clerical / Administration Services	8	\$57.00	\$456.00

3. Other (List category w/ estimated number of hours and hourly pricing):

ITEM #	DESCRIPTION	ESTIMATED NUMBER OF HOURS	HOURLY RATE	TOTAL
9	See Attached Fee Schedule		\$0.00	\$0.00
10			\$0.00	\$0.00
11			\$0.00	\$0.00
12			\$0.00	\$0.00
13			\$0.00	\$0.00
14			\$0.00	\$0.00

Lake County is exempt from all taxes (Federal, State, Local). A Tax Exemption Certificate will be furnished upon request for any direct purchasing. Contractor will be responsible for payment of taxes on all materials purchased by the Contractor for the project.

Lake County will not accept nor authorize payment for travel time or expenses of service personnel to any of Lake County's facility locations. The hourly rate must commence on the job site. Billable time will be for service work performed.

This is an indefinite quantity contract with no guarantee use of services. The County does not guarantee a dollar amount to be expended on any contract resulting from this solicitation.

ARDAMAN & ASSOCIATES, INC.
PROPOSED FEE SCHEDULE FOR SOLICITATION NUMBER 22-903
AS-NEEDED GEOLOGIC AND HYDROGEOLOGIC PROFESSIONAL
& SUPPORT SERVICES

PROFESSIONAL SERVICES

Senior Consultant	Per Hour	\$244.00
Principal Engineer	Per Hour	\$215.00
Project Director	Per Hour	\$195.00
Senior Project Manager/Engineer	Per Hour	\$179.00
Senior Construction Manager	Per Hour	\$178.00
Safety Officer	Per Hour	\$160.00
Project Manager/Construction Manager VII	Per Hour	\$152.00
Project Engineer V	Per Hour	\$152.00
Senior Geologist/Scientist/Ecologist	Per Hour	\$147.00
Project Engineer III	Per Hour	\$147.00
Project Engineer I/Engineering Associate	Per Hour	\$140.00
Project Geologist III	Per Hour	\$135.00
Assistant Project Engineer/Scientist	Per Hour	\$128.00
Project Geologist I	Per Hour	\$124.00
Staff Engineer III/Geologist III/Scientist III	Per Hour	\$113.00
Staff Engineer I/Geologist I/Scientist I	Per Hour	\$90.00
Staff Ecologist III	Per Hour	\$76.00
Engineer Assistant	Per Hour	\$69.00
Staff Ecologist I	Per Hour	\$65.00
Engineer Intern	Per Hour	\$51.00

GIS SERVICES

GIS Analyst III	Per Hour	\$133.00
GIS Analyst I	Per Hour	\$119.00
GIS Specialist III	Per Hour	\$92.00
GIS Specialist I	Per Hour	\$76.00

**CONSTRUCTION MONITORING AND
FIELD/LABORATORY TESTING SERVICES**

Field Engineer V/Construction Manager V	Per Hour	\$112.00
Field Engineer III/Construction Manager III	Per Hour	\$104.00
Field Engineer II	Per Hour	\$96.00
Field Engineer I	Per Hour	\$91.00
Laboratory Manager	Per Hour	\$98.00
Field/Lab Technician V	Per Hour	\$89.00
Field/Lab Technician IV	Per Hour	\$79.00
Field/Lab Technician III	Per Hour	\$69.00
Field/Lab Technician II	Per Hour	\$59.00
Field/Lab Technician I	Per Hour	\$47.00

DESIGN AND SUPPORT SERVICES

Engineering Designer V	Per Hour	\$107.00
Engineering Designer III	Per Hour	\$92.00
Engineering Designer I	Per Hour	\$81.00
Technical Drafter V	Per Hour	\$75.00
Technical Drafter III	Per Hour	\$68.00
Technical Drafter I	Per Hour	\$58.00
Administrative Assistant	Per Hour	\$57.00
Office Assistant	Per Hour	\$31.00

MISCELLANEOUS EXPENSES

Outside Services and Expenses	Per Job	At Cost +12%
Outside Printing and Reproduction	Per Job	At Cost +12%
Printing/Copying – Black & White (up to 11"x17")	Per Page	\$0.10
Printing/Copying - Color (up to 11"x17")	Per Page	\$0.50
Printing/Plotting – Black & White (24"x36"; 30"x42")	Per Sheet	\$2.50
Printing/Plotting - Color (24"x36"; 30"x42")	Per Sheet	\$5.00
Mileage (Automobile)	Per Mile	\$0.50
Mileage (Truck)	Per Mile	\$0.75

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AS-NEEDED GEOLOGIC AND HYDROGEOLOGIC PROFESSIONAL
& SUPPORT SERVICES

MOBILIZATION/DEMobilIZATION

Mobilization and Demobilization

• Men and Equipment (Minimum \$100.00)	Per Rig-Hour	\$210.00
• Mileage - Rig	Per Mile	\$1.45
• Mileage - Truck	Per Mile	\$0.75
• Portable Barge	Price depends on project requirements	

STANDARD DRILLING

All Terrain Vehicle	Add'l Price Per LF	\$1.00
Auger Borings (4-inch)	Per Lineal Foot	\$12.50
Wash Borings - Cuttings Only (up to 3 inch)		
• Soil Drilling	Per Lineal Foot	\$8.95
• Rock Drilling	Per Lineal Foot	\$15.00
Standard Penetration Test (SPT) Borings (ASTM D-1586) in Soil (N-values <50):		
• from surface to 25 feet	Per Lineal Foot	\$18.75
• from 25 feet to 50 feet	Per Lineal Foot	\$20.95
• from 50 feet to 100 feet	Per Lineal Foot	\$23.15
• from 100 feet to 125 feet	Per Lineal Foot	\$29.60
• from 125 feet to 150 feet	Per Lineal Foot	\$39.15
Standard Penetration Test (SPT) Borings in High Resistance Soil/Rock (N-values > 50)	Add'l Price Per LF	\$3.75
Furnish, Install, and Remove Casing (up to 4-inch):		
• from surface to 50 feet	Per Lineal Foot	\$11.15
• from 50 feet to 100 feet	Per Lineal Foot	\$13.65
• from 100 feet to 150 feet	Per Lineal Foot	\$17.60
• from 150 feet to 200 feet	Per Lineal Foot	\$19.60
• from 200 feet to 250 feet	Per Lineal Foot	\$23.60
• from 250 feet to 300 feet	Per Lineal Foot	\$26.75
Drilling (Time Basis)/2 man-crew	Per Crew-Hour	\$233.00
Drilling (Time Basis)/3 man-crew	Per Crew-Hour	\$289.00
Rock Coring (N or H size)		
• from surface to 50 feet	Per Lineal Foot	\$43.75
• from 50 feet to 100 feet	Per Lineal Foot	\$50.10
• from 100 feet to 150 feet	Per Lineal Foot	\$56.60
• from 150 feet to 200 feet	Per Lineal Foot	\$62.35
• from 200 feet to 250 feet	Per Lineal Foot	\$68.15
• from 250 feet to 300 feet	Per Lineal Foot	\$74.25

SAMPLING

Additional SPT and Samples

• from 10 feet to 25 feet	Per Additional Sample	\$35.95
• from 25 feet to 50 feet	Per Additional Sample	\$39.35
• from 50 feet to 100 feet	Per Additional Sample	\$44.80
• from 100 feet to 125 feet	Per Additional Sample	\$50.40
• from 125 feet to 150 feet	Per Additional Sample	\$63.00

Undisturbed Samples

• Shelby Tube	Per Sample	\$159.65
• Fixed-Piston Shelby, Osterberg, Pitcher	Per Sample	\$195.25

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SOUNDINGS

Electric Dutch Cone Soundings	Per Lineal Foot	\$15.35
Piezococone Soundings	Per Lineal Foot	\$16.90
Muck Probing/Clay Sampling	Per Crew-Hour	\$244.00
Electric Dutch Cone Soundings (Time Basis)	Per Crew-Hour	\$236.00
Piezococone/Piezoprobe Soundings (Time Basis)	Per Crew-Hour	\$256.00
Piezococone Dissipation Monitoring	Per Crew-Hour	\$254.00
Piezoprobe Dissipation Monitoring	Per Crew-Hour	\$203.00

OTHER CHARGES

Clearing Difficult Access, Hole Location and Set-Up	Per Crew-Hour	\$208.00
Standby Time	Per Crew-Hour	\$208.00
Piezometer and Well Installation (plus materials)	Per Crew-Hour	\$232.00
Bore Hole Grouting and Sealing (plus materials)	Per Crew-Hour	\$232.00
Well Clearing/Sensitivity Test/Water Level Reading	Per Crew-Hour	\$232.00
Double Ring Infiltration Test	Per Test	\$676.00
Air Boat Use	Per Day	\$443.00
Support Water Truck Use	Per Day	\$180.00
Instrumentation Unit Use	Per Day	\$320.00
Lodging and Subsistence (in Florida)	Per Crewman-Day	\$137.00
Lodging and Subsistence (outside Florida)	Rate Determined Per Job	
Meal Expenses for Field Employees (in Florida)	Per Crewman-Day	\$42.00
Meal Expenses for Field Employees (outside Florida)	Rate Determined Per Job	
Materials & Supplies	Per Job	At Cost + 12%

GENERAL FIELD EQUIPMENT

Data Logger	Per Day	\$425.10
Organic Vapor Analyzer (OVA 128 or Gastech)	Per Day	\$142.40
Photo Ionization Detector (Photovac Tip)	Per Day	\$177.95
Methane Detector	Per Day	\$147.45
Explosimeter	Per Day	\$92.55
Generator	Per Day	\$162.70
Air Compressor	Per Day	\$86.45
Steam Cleaner	Per Day	\$147.45
Surveying Equipment	Per Day	\$89.50
Centrifugal Development Pump	Per Day	\$71.20
Submersible Sampling Pump and Controller (Daily)	Per Day	\$206.45
Submersible Sampling Pump and Controller (Weekly)	Per Week	\$615.30
Submersible Development Pump (Daily)	Per Day	\$96.60
Submersible Development Pump (Weekly)	Per Week	\$280.70
Peristaltic Purging Pump	Per Day	\$70.15
Magnetometer	Per Day	\$67.10
Product/Water Interface Probe	Per Day	\$86.45
pH/Conductivity Meter	Per Day	\$30.50
Turbidity Meter	Per Day	\$71.20
Dissolved Oxygen Meter	Per Day	\$127.10
Water Level Indicator	Per Day	\$30.50
Bailer Usage	Per Day	\$30.00
Streamgaging flow meter	Per Day	\$32.30
Concrete Saw	Per Day	\$151.55

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AS-NEEDED GEOLOGIC AND HYDROGEOLOGIC PROFESSIONAL
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GENERAL FIELD EQUIPMENT (Continued)

Vibration Monitor	Per Day	\$284.75
Trimble Geo 7X w/centimeter kit GPS	Per Day	\$76.25
Transducer	Per Day	\$101.70
Hand Auger	Per Day	\$21.35
Jon Boat & Motor	Per Day	\$223.75
Ponar Dredge	Per Day	\$26.45
Kemmar Sampler	Per Day	\$26.45
Manta Data Sonde	Per Day	\$193.25
Bridge Board	Per Day	\$115.95
Inflatable Boat	Per Day	\$91.55

EXPENDABLE SUPPLIES

High Capacity (1 or 0.45 micron) Filter	Each	\$31.00
Disposal Teflon Bailer	Each	\$29.00
Disposable Polyethylene Bailer	Each	\$18.30
Disposable Free Product Bailer	Each	\$30.50
Isopropyl Alcohol (decontamination)	Per Gallon	\$20.10
Deionized Water (decontamination)	Per Five Gallons	\$14.75
16 oz. Soil Jars (soil headspace analysis)	Per Box of 12	\$14.75
Tygon Tubing	Per Foot	\$3.80
Polyethylene Tubing	Per Foot	\$0.65
55-gallon Drum	Each	\$92.55
Master Lock	Each	\$19.85

GEOPHYSICAL EQUIPMENT

Geonics EM 34-3	Per Day	\$299.00
AGI Sting R1-IP	Per Day	\$278.65
Liner Leak Detection Equipment	Per Day	\$313.25

SPECIAL DRILLING/SOUNDING

Prices for special drilling (barge drilling; air boat sampling; amphibious drilling; NQ wire line coring; large diameter borings; drilling in corrosive, contaminated or hazardous materials; drilling at great depths; installing large diameter temporary casing; etc.), field vane testing, and other specialized sampling or field tests will be determined per project. Work performed over water will be at 1.5 times the standard unit prices.

INSTRUMENTATION

Prices for installation of monitor wells, inclinometers and settlement devices and for performance of packer tests will be determined per project.

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CLASSIFICATION TESTS

Soil Water Content (ASTM D2216-Method B)	Each	\$16.00
Gypsum Water Content (ASTM D2216 at 40° C)	Each	\$28.00
Organic Content		
Loss on Ignition (ASTM D2974)	Each	\$37.00
Wet Combustion (AASHTO T-194)	Each	\$185.00
Undisturbed Tube Sample Total Unit Weight and Dry Density (ASTM D7263-Method B; w/Soil Water Content and Classification)	Each	\$72.75
Particle-Size Distribution		
Sieve Analysis (ASTM D6913)	Each	\$56.75
Fines Content (ASTM D1140-Method B)	Each	\$38.50
Hydrometer Analysis (ASTM D7928)	Each	\$123.00
Atterberg Limits (ASTM D4318); Method A; Wet Preparation)		
Plasticity Index Less Than 150%	Per Set	\$124.00
Plasticity Index Greater Than 150%	Add'l Per Set	\$76.00
Shrinkage Limit (ASTM D4943)	Each	\$98.00
Specific Gravity (ASTM D854-Method A; Wet Preparation)	Each	\$108.50
Marsh Funnel Viscosity (ASTM D6910; API 13B-1)	Each	\$25.50
Slump Cone (ASTM C143)	Each	\$25.50
Effective Porosity (ASTM D6836 – Method C, $u_g = 1/3 \text{ atm}$)	Each	\$86.50

COMPACTION TESTS

Standard (ASTM D698) or Modified Proctor (ASTM D1557)		
Up to 5 Points	Per Test	\$125.00
More than 5 Points	Per Add'l Point	\$17.00
Plasticity Index Greater Than 20%	Add'l Per Test	\$135.00
Maximum-Minimum Density (ASTM D4253-Method 1A, D4254-Method A)	Per Set	\$140.00
Limerock Bearing Ratio (3 Points)	Per Set	\$420.00

CONSOLIDATION TESTS

Incremental Consolidation Test (ASTM D2435-Method B; w/ c_v and C_{ae})		
Up to Ten Load or Unload Increments	Per Test	\$697.00
More than Ten Load or Unload Increments	Per Add'l	\$62.50
Constant Rate of Strain Consolidation Test (ASTM D4186)	Each	\$697.00
Settling Test (D=10cm; Ho=30cm)	Each	\$137.50

PERMEABILITY TESTS

Permeability Test – Rigid Mold (ASTM D5856; D2434)	Each	\$273.50
Permeability Test – Flexible Wall (ASTM D5084)		
$k > 1E-08 \text{ cm/sec}$	Each	\$350.00
$k \leq 1E-08 \text{ cm/sec}$	Each	\$490.00
Permeation with Fluid Other Than Water	Add'l Per Test	\$220.00

STRENGTH TESTS

Strength Index Tests (Torvane, Penetrometer)	Each	\$7.00
Vane Shear Test (ASTM D4648)	Each	\$28.00
Unconfined Compression Test (ASTM D2166)		
Strength Only	Each	\$62.50
With Stress-Strain Curve	Each	\$115.50
Triaxial Tests		
Unconsolidated-Undrained (ASTM D2850)	Each	\$300.00
Unconsolidated-Undrained (ASTMD2850; with Δu response)	Each	\$660.00
Consolidated-Undrained (ASTM D4767)	Each	\$660.00
Consolidated-Drained on Sands (ASTM D7181)	Each	\$545.00
Consolidated-Drained on Fine Grained Soils (ASTM D7181)	Each	\$710.00
Use of Pore Fluid Other Than Water	Add'l Per Test	\$220.00

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PROPOSED FEE SCHEDULE FOR SOLICITATION NUMBER 22-903
AS-NEEDED GEOLOGIC AND HYDROGEOLOGIC PROFESSIONAL
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STRENGTH TESTS (Continued)

Direct Shear Tests		
Conventional 2.3" Box Shear (ASTM D3080)	Per Normal Load	\$332.50
2.3" Box Shear with Stress Reversals	Per Normal Load	\$500.00
2.3" Box Shear with Geosynthetics	Per Normal Load	\$345.00
Direct Simple Shear Test (ASTM D6528)	Per Normal Load	\$840.00
Split Tensile for Rock Cores (ASTM D3967)	Each	\$160.00
Angle of Repose	Each	\$58.50

Preparation of laboratory samples for testing (e.g., sedimented or compacted) will be charged at \$39.50 per sample. Prices for visual classification, for special sample preparation, for special laboratory tests (slurry consolidation, leaching tests, settling tests, etc.), and for testing contaminated soils or hazardous materials will be determined per project based upon technician hours and other considerations. In addition, a daily charge of \$23.00 per day will be assessed for special long-term laboratory tests (i.e., slurry consolidation, leaching tests, etc.).

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CHEMICAL TESTS

pH (FM5-550)	Each	\$9.00
Specific Conductance (FM3-D 1125)	Each	\$10.00
Sulfate (FM5-553)	Each	\$48.25
Chloride (FM5-552)	Each	\$48.25
Soil pH (FM5-550)	Each	\$48.25
Soil Specific Conductance	Each	\$48.25
Soil Resistivity (ASTM G57 or FM5-551)	Each	\$54.00
Carbonate Content (ASTM D4373; HCl gasometric)	Each	\$79.25
Carbonate Content (FM5-514; HCl gravimetric)	Each	\$132.00
Water Corrosivity Series (FM5-550,552,553, FM3-D 1125)	Each	\$110.00
Soil Corrosivity Series (ASTM D2216, FM5-550, 551, 552, 553)	Each	\$193.50
Aggregate Soluble Silica (H2SO4 Extraction)	Each	\$280.00
Concrete Low-Level Chloride (FM5-516)	Each	\$173.00

GEOSYNTHETICS

Geomembrane Thickness (ASTM D751, D5199 or D5994)	Per Sample	\$18.50
Geomembrane Asperity Height (ASTM D7466)	Per Sample	\$39.75
Geomembrane Density (ASTM D792)	Per Sample	\$35.00
Carbon Black Content (ASTM D1603)	Per Sample	\$38.00
Geomembrane Tensile Strength (ASTM D6693; 5 MD/5 XD)	Per Set	\$89.00
Geomembrane Tear Resistance (ASTM D1004; 10 MD/10 XD)	Per Set	\$78.50
Geomembrane Seams (ASTM D6392)		
• Extrusion Weld (5 Peel/5 Shear)	Per Set	\$52.25
• Double-Wedge Fusion Weld (10 Peel/5 Shear)	Per Set	\$78.00
Geotextile Grab Tensile Strength ((ASTM D4632; 10 MD/10 XD)	Per Set	\$88.50
Geotextile Trapezoidal Tear (ASTM D4533; 10 MD/10 XD)	Per Set	\$104.50
Geotextile Wide-Width Tensile (ASTM D4595; 6 MD/6 XD)	Per Set	\$135.00
Geotextile Mass/Unit Area (ASTM D3776 or D5261)	Per Sample	\$36.00
Geotextile Thickness (ASTM D1777 or D5199)	Per Sample	\$18.75
Geotextile Seam Strength (ASTM D4884; 6 specimens)	Per Sample	\$68.00
Geocomposite Bond Strength (ASTM D7005; 5 MD Both Sides)	Per Set	\$110.50
Geonet Breaking Force (ASTM D7179; 5 MD)	Per Set	\$65.50
GCL Bonding Peel Strength (ASTM D6496; 5 MD)	Per Set	\$65.50
GCL Tensile Strength (ASTM D6768; 5 MD)	Per Set	\$65.50
Interface Direct Shear (ASTM D5321)		
• Geosynthetic to Geosynthetic	Per Normal Stress	\$302.50
• Geosynthetic to Soil	Per Normal Stress	\$410.00

SAMPLE PREPARATION AND SPECIAL TESTS

Preparation of samples for testing (e.g., crushing for carbonate content determination, filtering of clayey soil for chemical tests) will be charged at \$39.50 per sample. Prices for other tests on geomembranes and geotextiles will be determined per project based upon technician hours and other considerations.

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AS-NEEDED GEOLOGIC AND HYDROGEOLOGIC PROFESSIONAL
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Special Task/Crew Chief - Technician V	Per Hour	\$ 89.00
Special Task/ Drill Helper -Technician II	Per Hour	\$ 59.00
Sensitivity Equipment	Per Day	\$ 144.00
Grout Tremie Pipe	Per Foot	\$ 1.75
Drilling Mud - Grouting	Per Bag	\$ 17.60
Silica Sand - 50 lbs.	Per Bag	\$ 7.60
Portland Cement - 47 lbs.	Per Bag	\$ 12.20
Sakrete Mix	Per Bag	\$ 7.05
Bentonite Pellets	Per Pound	\$ 1.15
Bentonite Chips - 50 lbs.	Per Bag	\$ 17.60
High Solids Bentonite Grout - 50 lbs.	Per Bag	\$ 34.05
Pipe Solid - 1.00" TFJ PVC40	Per Foot	\$ 1.80
Pipe Solid - 1.25" TFJ PVC40	Per Foot	\$ 2.40
Pipe Solid - 1.50" TFJ PVC40	Per Foot	\$ 2.70
Pipe Solid - 2.00" TFJ PVC40	Per Foot	\$ 2.45
Pipe Solid - 4.00" TFJ PVC40	Per Foot	\$ 6.55
Pipe Slotted - 1.00" TFJ PVC40	Per Foot	\$ 2.70
Pipe Slotted - 1.25" TFJ PVC40	Per Foot	\$ 3.35
Pipe Slotted - 1.50" TFJ PVC40	Per Foot	\$ 3.05
Pipe Slotted - 2.00" TFJ PVC40	Per Foot	\$ 3.50
Pipe Slotted - 4.00" TFJ PVC40	Per Foot	\$ 8.90
Cap - 1.00" TFJ PVC40	Each	\$ 8.15
Cap - 1.25" TFJ PVC40	Each	\$ 10.55
Cap - 1.50" TFJ PVC40	Each	\$ 9.80
Cap - 2.00" TFJ PVC40	Each	\$ 6.80
Cap - 4.00" TFJ PVC40	Each	\$ 37.30
Pipe Solid - 1.00" SLJ PVC40	Per Foot	\$ 1.15
Pipe Solid - 1.25" SLJ PVC40	Per Foot	\$ 1.15
Pipe Solid - 1.50" SLJ PVC40	Per Foot	\$ 1.40
Pipe Solid - 2.00" SLJ PVC40	Per Foot	\$ 1.65
Pipe Solid - 4.00" SLJ PVC40	Per Foot	\$ 4.35
Pipe Solid - 6.00" SLJ PVC40	Per Foot	\$ 7.90
Pipe Slotted - 1.00" SLJ PVC40	Per Foot	\$ 2.15
Pipe Slotted - 1.25" SLJ PVC40	Per Foot	\$ 2.70
Pipe Slotted - 1.50" SLJ PVC40	Per Foot	\$ 2.45
Pipe Slotted - 2.00" SLJ PVC40	Per Foot	\$ 3.45
Pipe Slotted - 4.00" SLJ PVC40	Per Foot	\$ 8.90
Cap - 1.00" SLJ PVC40	Each	\$ 1.00
Cap - 1.25" SLJ PVC40	Each	\$ 1.15
Cap - 1.50" SLJ PVC40	Each	\$ 1.25
Cap - 2.00" SLJ PVC40	Each	\$ 1.65
Cap - 4.00" SLJ PVC40	Each	\$ 9.80
Cap - 6.00" SLJ PVC40	Each	\$ 22.65
Coupling - 1.00" SLJ PVC40	Each	\$ 1.15
Coupling - 1.25" SLJ PVC40	Each	\$ 1.40
Coupling - 1.50" SLJ PVC40	Each	\$ 1.15
Coupling - 2.00" SLJ PVC40	Each	\$ 1.95
Coupling - 4.00" SLJ PVC40	Each	\$ 7.60
Coupling - 6.00" SLJ PVC40	Each	\$ 24.30
8" Manhole with Cover	Each	\$ 43.20
12" Manhole with Cover	Each	\$ 86.45
Hollow-Stem Plug - 6"	Each	\$ 2.95
Well Centralizer - 2.00" S.S.	Each	\$ 30.25
Well Centralizer - 4.00" S.S.	Each	\$ 37.90
4.00" Protector Pipe - Aluminum	Each	\$ 103.00
6.00" Protector Pipe - Aluminum	Each	\$ 253.00
4.00" Protection Pipe - Black Steel	Each	\$ 110.00
6.00" Protection Pipe - Black Steel	Each	\$ 224.50



2251 Lynx Lane Suite 1
 Orlando, Florida 32804
 Phone: 407-522-7100
 Fax: 407-522-7043

Item No.	Item Description	Unit Type	22-903 Lake County Rates
SOIL/SEDIMENT ANALYSIS			
1	SOIL, USED OIL/UNKNOWN PRODUCT GROUP-TABLE D OF CH. 62-780, F.A.C., EXCEPT FOR NON-PRIORITY POLLUTANT ORGANICS (MULTIPLE METHODS)	SAMP	\$495.00
2	SOIL, BTEX + MTBE (EPA 8021 OR EPA 8260)	SAMP	\$52.00
3	SOIL, VOLATILE ORGANIC HALOCARBONS (EPA 8021 OR EPA 8260)	SAMP	\$62.00
4	SOIL, BTEX + MTBE + VOHS (EPA 8021 OR EPA 8260)	SAMP	\$93.50
5	SOIL, POLYCYCLIC AROMATIC HYDROCARBONS (EPA 8270SIM)	SAMP	\$105.00
6	SOIL, PRIORITY POLLUTANT VOLATILE ORGANICS (EPA 8260)	SAMP	\$98.20
7	SOIL, PRIORITY POLLUTANT EXTRACTABLE ORGANICS-BASE NEUTRAL AND ACID EXTRACTABLES (EPA 8270 LIST [E.G., EPA 8081/8082 + EPA 8270])	SAMP	\$375.00
8	SOIL, TOTAL RECOVERABLE PETROLEUM HYDROCARBONS (FL-PRO)	SAMP	\$75.00
9	SOIL, TRPH FRACTIONATION (MADEP-EPH/VPH METHOD OR TPHCWG DIRECT METHOD)	SAMP	\$295.00
10	SOIL, PCBS [OR AROCLORS] (EPA 8082)	SAMP	\$93.60
11	SOIL, 8 RCRA METALS (EPA 6010 OR EPA 6020 [ARSENIC, BARIUM, CADMIUM, CHROMIUM, LEAD, SILVER] AND EPA 6020 OR EPA 7471 [MERCURY])	SAMP	\$125.00
12	SOIL, ARSENIC (EPA 6010 OR EPA 6020)	SAMP	\$15.00
13	SOIL, CADMIUM (EPA 6010 OR EPA 6020)	SAMP	\$15.00
14	SOIL, CHROMIUM (EPA 6010 OR EPA 6020)	SAMP	\$15.00
15	SOIL, LEAD (EPA 6010 OR EPA 6020)	SAMP	\$15.00
16	SOIL, TOXICITY CHARACTERISTIC LEACHING PROCEDURE-EXTRACTION ONLY (EPA 1311)	SAMP	\$110.00
17	SOIL, SYNTHETIC PRECIPITATION LEACHING PROCEDURE-EXTRACTION ONLY (EPA1312)	SAMP	\$110.00
18	SOIL, ORGANIC CARBON, TOTAL (EPA 9060 OR WALKEY-BLACK)	SAMP	\$51.48
19	SOIL, DRY BULK DENSITY (ASTM D1556-07, ASTM D2167-08, ASTM D2922-01, -04, -04E, -96E1 OR ASTM D2937-10)	SAMP	Quote
20	SOIL, MOISTURE CONTENT (Karl Fisher)	SAMP	\$50.00
21	SOIL, TEXTURE, (SEE GEE 7 BAUDER [1966])	SAMP	NA
22	SOIL, GC/MS FULL SCAN, ALKANES, ISOALKANES, CYCLOALKANES, AROMATICS, BICYCLANE, STERANE, AND TERPANE BIOMARKERS (ASTM D5739 HIGH RESOLUTION GC/MS)	SAMP	quote



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Item No.	Item Description	Unit Type	22-903 Lake County Rates
23	SOIL, GASOLINE HYDROCARBON COMPOSITION, GASOLINE PIANO (PARAFFINS, ISOPARAFFINS, AROMATICS, NAPHTHENES AND OLEFINS) (EPA 8260MOD, HIGH RESOLUTION GC/MS)	SAMP	quote
24	SOIL, 5 FUEL OXYGENATES, MTBE, DIPE, TAME, ETBE AND TBA (EPA 8260MOD, HIGH RESOLUTION GC/MS)	SAMP	quote
25	SOIL, C10-C40 ALKANE FINGERPRINT, N-ALKANES AND ISOALKANES (ASTM D3328 GC/MS)	SAMP	quote
WATER ANALYSIS			
26	WATER, GASOLINE/KEROSENE ANALYTICAL GROUP-TABLE C OF CH. 62-780, F.A.C. (MULTIPLE METHODS)	SAMP	\$295.00
27	WATER, USED OIL/UNKNOWN PRODUCT GROUP-TABLE D OF CH. 62-780, F.A.C., EXCEPT FOR NON-PRIORITY POLLUTANT ORGANICS (MULTIPLE METHODS)	SAMP	\$495.00
28	WATER, BTEX + MTBE (EPA 602, EPA 624, EPA 8021 OR EPA 8260)	SAMP	\$52.00
29	WATER, VOLATILE ORGANIC HALOCARBONS, EXCEPT EDB (EPA 8021 OR EPA 8260)	SAMP	\$62.00
30	WATER, BTEX + MTBE + VOHS (EPA 601/602, EPA 624, EPA 6021 OR EPA 8260)	SAMP	\$93.50
31	WATER, POLYCYCLIC AROMATIC HYDROCARBONS, INCLUDING 1-METHYLNAPHTHALENE + 2-METHYLNAPHTHALENE (EPA 610 [HPLC], EPA 625, EPA 8270 OR EPA 8310)	SAMP	\$105.00
32	WATER, EDB [1,2-DIBROMOETHANE OR ETHYLENE DIBROMIDE] (EPA 504.1 OR EPA 8011)	SAMP	\$55.00
33	WATER, EDB [1,2-DIBROMOETHANE OR ETHYLENE DIBROMIDE] (EPA 8260 SIM)	SAMP	\$55.00
34	WATER, PRIORITY POLLUTANT VOLATILE ORGANICS [FOR NPDES PURPOSES ONLY] (EPA 624)	SAMP	\$125.00
35	WATER, PRIORITY POLLUTANT VOLATILE ORGANICS (EPA 8260)	SAMP	\$98.20
36	WATER, PRIORITY POLLUTANT EXTRACTABLE ORGANICS-BASE NEUTRAL AND ACID EXTRACTABLES [FOR NPDES PURPOSES ONLY] (EPA 625 LIST [E.G., EPA 608 + EPA 625])	SAMP	\$325.00
37	WATER, PRIORITY POLLUTANT EXTRACTABLE ORGANICS-BASE NEUTRAL AND ACID EXTRACTABLES (EPA 8270 LIST [E.G., EPA 8081/8082 + EPA 8270 OR EPA 608 + EPA 8270])	SAMP	\$375.00
38	WATER, TOTAL RECOVERABLE PETROLEUM HYDROCARBONS (FL-PRO)	SAMP	\$75.00
39	WATER, PCBS [OR AROCLORS] (EPA 608 OR EPA 8082)	SAMP	\$93.60
40	WATER, ARSENIC, TOTAL (EPA 200.7, EPA 200.8, EPA 6010 OR EPA 6020)	SAMP	\$15.00
41	WATER, CADMIUM, TOTAL (EPA 200.7, EPA 200.8, EPA 6010 OR EPA 6020)	SAMP	\$15.00
42	WATER, CHROMIUM, TOTAL (EPA 200.7, EPA 200.8, EPA 6010 OR EPA 6020)	SAMP	\$15.00
43	WATER, LEAD, TOTAL (EPA 200.7, EPA 200.8, EPA 6010 OR EPA 6020)	SAMP	\$15.00
44	WATER, DISSOLVED LEAD (INCLUDES FILTER APPROPRIATE TO SAMPLE METHOD - EPA 200.7, 200.9, 6010B, OR 7380)	SAMP	\$32.00



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45	WATER, MERCURY, TOTAL (EPA 245.1, EPA 6020 OR EPA 7470)	SAMP	\$27.50
46	WATER, CALCIUM, TOTAL (EPA 200.7, EPA 6010 OR EPA 6020)	SAMP	\$15.00
47	WATER, IRON, TOTAL (EPA 200.7, EPA 6010 OR EPA 6020)	SAMP	\$15.00
48	WATER, DISSOLVED IRON (INCLUDES FILTER APPROPRIATE TO SAMPLE METHOD - EPA 200.7, 200.9, 6010B, OR 7380)	SAMP	\$32.00
49	WATER, MAGNESIUM, TOTAL (EPA 200.7, EPA 6010 OR EPA 6020)	SAMP	\$15.00
50	WATER, MANGANESE, TOTAL (EPA 200.7, EPA 200.8, EPA 6010 OR EPA 6020)	SAMP	\$15.00
51	WATER, POTASSIUM, TOTAL (EPA 200.7, EPA 6010 OR EPA 6020)	SAMP	\$15.00
52	WATER, SODIUM, TOTAL (EPA 200.7, EPA 6010 OR EPA 6020)	SAMP	\$15.00
53	WATER, ALKALINITY [AS CaCO ₃] (EPA 310.2 OR SM 2320 B)	SAMP	\$26.00
54	WATER, AMMONIA [AS N] (EPA 350.1, SM 4500-NH ₃ C, SM 4500-NH ₃ D, SM 4500-NH ₃ G OR SM 4500-NH ₃ H)	SAMP	\$36.40
55	WATER, CHLORIDE (EPA 300.0, EPA 9056, EPA 9251, EPA 9053, SM 4500CI B, SM 4500CI C OR SM 4500CI E)	SAMP	\$20.80
56	WATER, HARDNESS, TOTAL [AS CaCO ₃] (SM 2340 B OR SM 2340 C)	SAMP	\$41.60
57	WATER, NITRATE [AS N] (EPA 300.0 OR EPA 353.2)	SAMP	\$22.50
58	WATER, NITRATE-NITRITE [AS N] (EPA 300.0, EPA 353.2, SM 4500-NO ₃ E OR SM 4500-NO ₃ F)	SAMP	\$30.00
59	WATER, NITRITE [AS N] (EPA 300.0, EPA 300.1, SM 4500-NO ₂ B OR SM 4500-NO ₃ F)	SAMP	\$22.50
60	WATER, ORGANIC CARBON, TOTAL (SM 5310 B, SM 5310 C OR EPA 9060)	SAMP	\$62.40
61	WATER, ORTHOPHOSPHATE [AS P] (EPA 300.0, EPA 300.1, EPA 365.1, EPA 365.3, EPA 9056, SM 4500-PE OR SM 4500-PF)	SAMP	\$26.00
62	WATER, RESIDUE-FILTERABLE [TOTAL DISSOLVED SOLIDS] (SM 2540 C)	SAMP	\$20.00
63	WATER, RESIDUE-NONFILTERABLE [TOTAL SUSPENDED SOLIDS] (SM 2540 D)	SAMP	\$20.00
64	WATER, SULFATE (ASTM D516-02, ASTM D516-90, EPA 300.0, EPA 300.1, EPA 375.2, EPA 9038, EPA 9056 OR SM 4500-SO ₄ C)	SAMP	\$31.20
65	WATER, HETEROTROPHIC PLATE COUNT (SM 9215 B)	SAMP	\$50.00
66	WATER, ACUTE BIOASSAY-96 HOUR, FRESHWATER, VERTEBRATE/INVERTEBRATE [VERTEBRATE: PIMEPHALES PROMELAS OR CYPRINELLA LEEDSI/INVERTEBRATE: CERIODAPHNIA DUBIA] (EPA 2000.0/2002.0)	SAMP	\$1,100.00
67	WATER, ACUTE BIOASSAY-96 HOUR, ESTUARINE + MARINE, VERTEBRATE/INVERTEBRATE [VERTEBRATE: MENIDIA BERYLLINA, MERIDIA MENIDIA OR MENIDA PENINSULAE/INVERTEBRATE: MYSIDOPSIS BAHIA] (EPA 2006.0/2007.0)	SAMP	\$1,100.00



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68	WATER, GC/MS FULL SCAN, ALKANES, ISOALKANES, CYCLOALKANES, AROMATICS, BICYCLANE, STERANE, AND TERPANE BIOMARKERS (ASTM D5739 HIGH RESOLUTION GC/MS)	SAMP	quote
69	WATER, GASOLINE HYDROCARBON COMPOSITION, GASOLINE PIANO [PARAFFINS, ISOPARAFFINS, AROMATICS, NAPHTHENES AND OLEFINS] (EPA 8260MOD, HIGH RESOLUTION GC/MS)	SAMP	quote
70	WATER, 5 FUEL OXYGENATES, MTBE, DIPE, TAME, ETBE AND TBA (EPA 8260MOD, HIGH RESOLUTION GC/MS)	SAMP	quote
71	WATER, C10-C40 ALKANE FINGERPRINT, N-ALKANES AND ISOALKANES (ASTM D3328 GC/MS)	SAMP	quote
72	WATER, BTEX/MTBE + NAPHTHALENE (EPA 8260)	SAMP	\$93.50
73	WATER, EDC [1,2-DICHLOROETHANE] (EPA METHOD 8021 OR 8260)	SAMP	\$60.00
74	WATER, METHANE (EPA SOP RSK-175)	SAMP	\$125.00
AIR ANALYSIS			
75	AIR, TOTAL PETROLEUM HYDROCARBONS (EPA METHOD 18)	SAMP	\$110.00
76	AIR, VOLATILE ORGANIC AROMATICS (EPA METHOD TO-15)	SAMP	\$175.00
77	AIR, VOLATILE ORGANIC COMPOUNDS (EPA METHOD TO-17)	SAMP	\$175.00
Miscellaneous Charges			
78	Environmental Impact Fee-2021 (per work order)	SAMP	\$9.00
79	25g Encore (SPLP ENcore Sampler) -per order	SAMP	\$18.00