



SUPPLY SERVICE

AUTHORIZED FSS CONTRACT SCHEDULE
LABORATORY TESTING AND ANALYSIS SERVICES

FSC Service Code 8734
NAICS Code 541380

SPECIAL ITEM NUMBERS: Schedule 873
SIN 873-2: Chemical Testing and Analysis Services

MICROSEEPS, INC
220 WILLIAM PITT WAY
PITTSBURGH, PA 15238
PHONE: 412-826-5245
FAX: 412-826-3433
www.microseeps.com

GSA Representative: David K. Unrue
dunrue@microseeps.com

Contract Number: GS-07F-9308S
Contract Period: 01/20/2006 through 01/20/2011

TABLE OF CONTENTS

Customer Information.....	3
Microseeps, Inc. Laboratory Price List for Chemical Testing and Analysis Services SIN 873-2.....	6
Microseeps, Inc. General Conditions.....	11

CUSTOMER INFORMATION

- 1) Microseeps, Inc. is a Veteran-Owned Small Business
- 2) **MAXIMUM ORDER:** For Schedule 873, the maximum order is \$100,000 per order
- 3) **MINIMUM ORDER:** \$100.00
- 4) **GEOGRAPHIC COVERAGE:** United States, Puerto Rico
- 5) **POINTS OF PRODUCTION:** United States
- 6) **STATEMENT OF NET PRICES:** Prices in this catalog are at GSA awarded, net pricing
- 7) **QUANTITY DISCOUNT:** None
- 8) **PROMPT PAYMENT TERMS:** Net 30 days
- 9a) Government purchase cards are accepted below the micro-purchase threshold
- 9b) Government purchase cards are accepted above the micro-purchase threshold
- 10) **FOREIGN ITEMS:** None
- 11a) **DELIVERY TIME:** Standard turnaround time (TAT) is 15 business days from receipt of samples. Different delivery times may be negotiated, along with expanded data packages and Electronic Data Deliverables (EDD) with the Government Ordering Agency.
- 11b) **EXPEDITED DELIVERY TIMES:** Additional charges are noted in General Conditions. Preapproval is required and are test and method dependent.
- 11c) **OVERNIGHT AND 2-DAY DELIVERY:** Services are available, additional charges are noted in the General Conditions and preapproval is required

11d) URGENT REQUIREMENTS: Services are available, additional charges are noted in the commercial price list and preapproval is required.

12) FOB: Destination

13a) ORDERING ADDRESS(ES):

Microseeps, Inc.
220 William Pitt Way
Pittsburgh, PA 15238

13b) ORDERING PROCEDURES: For supplies and services, the ordering procedures, information on Blanket Purchase Agreements (BPA's) and a sample BPA can be found at the GSA/FSS Schedule homepage <http://fss.gsa.gov/schedules>

14) PAYMENT ADDRESS:

Microseeps, Inc.
220 William Pitt Way
Pittsburgh, PA 15238

15) WARRANTY PROVISION: Standard Commercial Warranty

16) EXPORT PACKING CHARGES: Not Applicable

17) TERMS & CONDITIONS OF GOVERNMENT PURCHASING CARDS: Microseeps, Inc. will accept government purchase cards above the micro-purchase level.

18) Terms & conditions of rental, maintenance, and repair: Not applicable

19) Terms & conditions of installation: Not applicable

20) Terms & conditions of repair parts indicating date of parts price lists and any discounts from list prices: Not applicable

21) LIST OF SERVICE AND DISTRIBUTION POINTS:

Microseeps, Inc.
220 William Pitt Way
Pittsburgh, PA 15238

22) PARTICIPATING DEALERS: Not applicable

23) PREVENTATIVE MAINTENANCE: Not applicable

24a) ENVIRONMENTAL ATTRIBUTES: None

24b) SECTION 508 COMPLIANCE: N/A

25) CORPORATE DUNS: 19-059-4697, TIN: 25-1698044

26) Microseeps, Inc. is registered in the Central Contractor Registration (CCR) database

MICROSEEPS, INC

GSA Price List

Organic Methodologies – Gas Chromatography/ Mass Spectrometry
--

Parameter	Method Number	Water	Soil/Sediment
Volatiles(1) - TCL or PP	624/8260	\$75.56	\$90.68

(1) There will be an additional charge of \$9.45 per encore sampler or \$2.27 per weighed vial.

Organic Methodologies – Gas Chromatography

Methane, Ethane & ethene (RSK-175) ²	AM 20GAX	\$75.56	N/A
CO ₂ , O ₂ , N ₂ , CO (RSK-175)	AM 20GAX	\$75.56	N/A
Dissolved H ₂ ³	AM 20GAX	\$75.56	N/A
Volatile Fatty Acids (VFA's) ⁴	AM21G	\$75.56	N/A
Fuel Oxygenates	AM 22G/8021	\$75.56	N/A
Total Inorganic Carbon	AM 20GAX	\$100.75	N/A

2. Acetylene can be added for an additional \$25.19.

3. Dissolved hydrogen must be sampled using the Microseeps Bubble Sampler. The reusable Microseeps Bubble Samplers cost \$37.78 each.

4. Standard VFA's and reporting limits:

Acetic Acid	1mg/L
Propionic Acid	1mg/L
Butyric Acid	1mg/L
Pyruvic Acid	10mg/L
Lactic Acid	25mg/L

See Specialty Analysis for Low-level Expanded VFA's

Approved Sample Clean-up Methods

Alumina – Method 3610

Florsil – Method 3620

Sulfuric Acid – Method 3650

Sulfur Removal – Method 3660

The use of any of the above clean-up methods will incur a \$45.34 charge

Inorganic Methodologies – Elemental Metals Analysis

ICP Individual Metals

Parameter	Method Number	Water	Soil/Sediment
Aluminum	200.7/6010	\$6.05	\$6.05
Antimony	200.7/6010	\$6.05	\$6.05
Arsenic	200.7/6010	\$6.05	\$6.05
Barium	200.7/6010	\$6.05	\$6.05
Beryllium	200.7/6010	\$6.05	\$6.05
Boron	200.7/6010	\$6.05	\$6.05
Cadmium	200.7/6010	\$6.05	\$6.05
Calcium	200.7/6010	\$6.05	\$6.05
Chromium	200.7/6010	\$6.05	\$6.05
Cobalt	200.7/6010	\$6.05	\$6.05
Copper	200.7/6010	\$6.05	\$6.05
Iron	200.7/6010	\$6.05	\$6.05
Lead	200.7/6010	\$6.05	\$6.05
Magnesium	200.7/6010	\$6.05	\$6.05
Manganese	200.7/6010	\$6.05	\$6.05
Molybdenum	200.7/6010	\$6.05	\$6.05
Nickel	200.7/6010	\$6.05	\$6.05
Potassium	200.7/6010	\$6.05	\$6.05
Selenium	200.7/6010	\$6.05	\$6.05
Silver	200.7/6010	\$6.05	\$6.05
Sodium	200.7/6010	\$6.05	\$6.05
Thallium	200.7/6010	\$6.05	\$6.05
Tin	200.7/6010	\$6.05	\$6.05
Titanium	200.7/6010	\$6.05	\$6.05
Vanadium	200.7/6010	\$6.05	\$6.05
Zinc	200.7/6010	\$6.05	\$6.05

Low Level ICP Metals

Arsenic	200.7/6010	\$6.05	\$6.05
Cadmium	200.7/6010	\$6.05	\$6.05
Chromium	200.7/6010	\$6.05	\$6.05
Lead	200.7/6010	\$6.05	\$6.05
Selenium	200.7/6010	\$6.05	\$6.05
Thallium	200.7/6010	\$6.05	\$6.05

Prep Charge

\$4.34

\$4.34

Inorganic Methodologies – Elemental Metals Analysis, cont'd

Cold Vapor Metals

Parameter	Method Number	Water	Soil/Sediment
Mercury	245.1/7470/7471	\$15.11	\$15.11

Inorganic Methodologies – Conventional Chemistries

Parameter	Method Number	Water	Soil/Sediment
Acidity			
Free	305.1	\$6.23	\$6.23
Total	305.1	\$6.23	\$6.23
Alkalinity			
Bicarbonate	310.1	\$6.23	N/A
Carbonate	310.1	\$6.23	N/A
Hydroxide	310.1	\$6.23	N/A
Total	ASTM D 1067	\$6.23	N/A
Ammonia (Distillation)	350.2	\$15.11	\$22.67
Bromide	320.1	\$15.11	\$22.67
Carbon			
Total Organic	415.2/9060	\$18.89	N/A
Total Organic	Walkley Black	N/A	\$40.05
COD			
Low/Medium	Hach 8000	\$11.33	\$11.33
Chloride	IC 9056	\$11.33	\$12.84
Corrosivity (pH)	9040/9045	\$3.78	\$3.78
Cyanide			
Amenable	335.1	\$22.66	\$26.44
Weak & Dissoc.	SM 4500 I	\$22.66	\$26.44
Total - Titrimetric	335.2/9014	\$13.22	\$13.22
Fractional Organic Matter	D2974-00	N/A	\$15.11
Ignitability	1010	\$15.11	\$15.11
Iron – Ferrous	IC 9056	\$18.89	N/A
Moisture (% Water)		N/A	\$6.05
Nitrate	9056	\$11.33	N/A
Nitrate-Nitrite	Hach 8192	\$11.33	N/A
Nitrite	354.1	\$11.33	N/A

Inorganic Methodologies – Conventional Chemistries

Nitrogen			
Total Kjeldahl	351.3	\$15.11	\$18.89
Total Organic	351.3	\$26.44	\$30.22
Oil & Grease	1664	\$26.44	\$30.22
Phosphorus			
Ortho	365.3	\$6.42	\$10.57
Total	365.3	\$8.29	\$12.06
Solids			
Dissolved (TDS)	160.1	\$6.04	N/A
Suspended (TSS)	160.2	\$6.04	\$7.55
Total (TS)	160.3	\$6.04	\$7.55
Volatile (VS)	160.4	\$7.55	\$11.33
Percent		N/A	\$6.40
Specific Conductance	120.1/9050	\$5.28	N/A
Sulfate	375.4	\$11.33	\$11.33
Sulfide	376.4/9030	\$15.11	N/A
Turbidity	180.1	\$6.42	N/A

Air & Vapor Analysis

Light Hydrocarbons C₁-C₄	AM20GAX (RSK-175)	\$60.45
Total Petroleum Hydrocarbons (TPH)		
Gasoline Range (C₅-C₁₀ or C₄-C₁₂)	AM4.02	\$68.00
Diesel Range (C₁₁-C₁₈)	AM4.02	\$68.00
Permanent Gases (CH₄, CO, CO₂, N₂, O₂)	AM20GAX	\$75.56
BTEX (Gasoline Range Aromatics)	AM4.02	\$56.53
With TPH		\$68.00
Additional compounds – each ¹		\$18.89
Gasoline Range Hydrocarbons (includes C₅-C₁₀ + BTEX)	AM4.02	\$75.56
With TPH		\$82.91
Additional compounds – each ¹		\$18.89
Chlorinated Hydrocarbons²	AM4.02	\$75.56
Additional compounds – each ¹		\$18.89
Gasoline & Chlorinated Hydrocarbons	AM4.02	\$94.45
“601/602 List”	AM4.02	\$102.00

Additional compounds – each ¹		\$18.89
Diesel Range Hydrocarbons (C₁₁-C₁₈) speciated	AM4.02	\$75.56

The air/vapor analyses listed above are routinely performed on vapor samples or headspace vapors using a combination of the sample preparation method (usually a modified USEPA 8000 series method form SW-846). For a more detailed explanation of these methods refer to USEPA method 8000 (SW-846) or give us a call.

- (1) First compound is \$18.89 and each additional compound is \$7.55.
- (2) Chlorinated hydrocarbons

Intrinsic Bioremediation or Monitored Natural Attenuation Analysis (in water)
--

Dissolved¹ Methane, ethane & ethene	AM20GAX (RSK175)	\$75.56
Additional Compound		\$18.89
Dissolved¹ Permanent Gases²	AM20GAX (RSK175)	\$75.56
Dissolved Hydrogen³	AM20GAX	\$75.56
2 Dissolved Gas Suites		\$136.01
3 Dissolved Gas Suites		\$204.01
Anion/Cation List⁴	Various	\$94.45
Dissolved Organic Carbon	415.1/9060	\$11.33
Chemical Oxygen Demand	SM5210B	\$11.33
Total Dissolved Solids	160.1	\$6.03
Total Inorganic Carbon	AM20GAX	\$94.45
Alkalinity	ASTM D 1067	\$6.23
Sulfide	376.4/9030	\$22.66
Volatile Fatty Acids⁵	AM21G	\$75.56
Low-level VFA's⁶	AM23G	\$124.67
Fuel Oxygenates	5021/8015D	\$75.56

- 1) Taken from water samples collected in Microseeps furnished 40ml VOA vials at the well site. Acetylene can be added for an additional \$18.89/ sample.
- 2) PG = CH₄, CO₂, N₂, O₂
- 3) When dissolved hydrogen is sampled, it must be sampled using the Microseeps bubble sampling method; when hydrogen is sampled in this manner, both light hydrocarbons and permanent gases can be analyzed, as well. The Microseeps bubble sampler cost \$50.00 each and are reusable. [Dissolved Hydrogen sampling video](#)
- 4) Sulfate, nitrate, nitrite, chloride, ferrous iron, dissolved ferric iron, dissolved manganese (II)
- 5) Acetic, butyric, lactic, propionic and pyruvic
- 6) Additional acids for Low Level VFA's: n-pentanoic, i-pentanoic, n-hexanoic, i-hexanoic

Intrinsic Bioremediation or Monitored Natural Attenuation Analysis (in soil)		
---	--	--

Bioavailable Ferric Iron	SOP WC44	\$245.58
AMIBA w/ BAF_{FeIII}	SOP WC 43	\$566.72
AMIBA w/o BAF_{FeIII}	SOP WC43	\$321.14

MICROSEEPS, INC.
General Conditions

General Pricing Notes

- Microseeps standard protocols and reporting limits will be used when performing and reporting the required tests.
- Standard data reports will be delivered within 15 business days, unless requested otherwise or receipt of samples exceeds 7 calendar days after the sampling event.
 - Exception: Bioavailable Ferric Iron and AMIBA analysis standard data reports will be delivered within 25 business days.
- Records of analyses and work performed are retained for a period of 5 years.

Additional Costs and Services

- Expedited Turnaround Time (TAT)

Standard quoted prices reflect our routine TAT. Turnaround is measured from the date the samples are received until a report is issued. Samples for rush analyses will be accepted based upon the workload at the laboratory at the time a request is made. Premium charges will be applied to analyses requiring rush turnaround based upon the following schedule:

24 hour	100%
48 hour	50%
72 hour	40%
4 –5 days	25%
6 – 13 days	10%

- Analytical reports and Electronic Data Deliverables (EDD)
Microseeps, Inc.’s standard analytical report contains the analytical results, result units, method references, reporting limit, date of analysis, and the analyst’s initials. If requested, results for method blanks and laboratory control samples can be provided. A QA/QC report will include all of the elements of a standard report as well as the results of batch QA/QC determinations performed according to Microseeps, Inc.’s standard quality assurance procedures.

Level III & level IV custom reports and data packages will incur a 10% surcharge per sample. CLP-like data reports will incur an additional 5% per sample charge.

Microseeps supports many commercial EDD formats. There is no additional charge for Microseeps’ standard EDD, but a 5% charge per sample will be incurred for client-specific EDD’s. Development of custom EDD formats can be provided and billed at \$50.00/ hour for time incurred.

- **Sample Containers**

Microseeps will provide new polyethylene or glass bottles with the proper preservatives, labels, and chain-of-custody forms to all clients at no additional cost, unless a special request is made for a non-standard bottle type. Whenever possible, five (5) days notice is requested to prepare and ship the sample bottles. If certified bottles are required, additional costs will be applied.

- **Shipping**

Microseeps will provide ground transportation shipping of containers and preservatives at no additional cost to the client. If expedited or priority shipping is required by the client, due to insufficient lead time, Microseeps shipping costs will be charged to the client or shipping charges may be charged to clients shipping account. Return shipment of samples and the return of client coolers will be at client's expense.

- **Courier Services**

Microseeps will pick up samples or drop off supplies during normal business hours, at no charge within a 50 mile radius of its Pittsburgh, PA facility for events that are a minimum of \$200 for analytical services.