



ENVIRONMENTAL



ENVIRONMENTAL

SUGGESTED SAMPLE SIZE (MINIMUM)

FEE

BIOMONITORING OR WHOLE EFFLUENT TOXICITY (WET)

Sample containers for the Biomonitoring tests below are available from the laboratory.

PLEASE CONTACT THE LABORATORY TO SCHEDULE THESE TESTS.

BIOMONITORING BM-4 48-hour acute, with 5-dilution series, Pimephales and Ceriodaphnia	2 gal/8 L	\$700.00
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BIOMONITORING BM-5 Iowa acute toxicity test (special information required with samples)	2 gal/8 L	\$600.00
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BIOMONITORING BM-6 7-day chronic with 5-dilution series	6 gal	\$1800.00
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BIOMONITORING BM-7 South Dakota 96-hour 5-dilution series	2 gal/8 L	\$1000.00
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DRINKING WATER

SUGGESTED SAMPLE SIZE (MINIMUM)

FEE

Heterotrophic Plate Count (HPC)*	125mL sterile	\$20.00
Fluoride	125mL plastic	\$20.00
Lead	1L	\$38.00
Lead & Copper	1L	\$45.00
Total Coliform (Quantitray 18 hour)*	125mL sterile	\$20.00

* Samples must be received at the laboratory within 24 hours of sampling.

INDIVIDUAL ANALYSIS

Arsenic	500mL	\$38.00
Nitrate Nitrogen	250mL	\$20.00
Nitrite Nitrogen	250mL	\$22.50
Trihalomethanes (THMs)	3 - 40mL Vials	\$95.00

Call in advance for sampling containers

**EPA 524.2 – VOLATILE ORGANICS****(Regulated & Non-regulated)**

3-40 mL vials

\$105.00

Benzene	1,2-Dichlorobenzene	Methylene Chloride
Bromobenzene	1,3-Dichlorobenzene	Naphthalene
Bromochloromethane	1,4-Dichlorobenzene	n-Propylbenzene
Bromodichloromethane	Dichlorodifluoromethane	Styrene
Bromoform	1,1-Dichloroethane	1,1,2,2-Tetrachloroethane
Bromomethane	1,2-Dichloroethane	1,1,1,2-Tetrachloroethane
2-Butanone (MEK)	1,1-Dichloroethene	Tetrachloroethene
n-Butylbenzene	cis-1,2-Dichloroethene	Toluene
sec-Butylbenzene	trans-1,2-Dichloroethene	1,2,3-Trichlorobenzene
tert-Butylbenzene	1,2-Dichloropropane	1,2,4-Trichlorobenzene
Carbon Tetrachloride	1,3-Dichloropropane	1,1,1-Trichloroethane
Chlorobenzene	2,2-Dichloropropane	1,1,2-Trifluoroethane
Chlorodibromomethane	1,1-Dichloropropene	Trichloroethene
Chloroethane	cis-1,3-Dichloropropene	Trichlorofluoromethane
Chloroform	trans-1,3-Dichloropropene	1,2,3-Trichloropropane
Chloromethane	Ethylbenzene	1,2,4-Trimethylbenzene
2-Chlorotoluene	Hexachlorobutadiene	1,3,5-Trimethylbenzene
4-Chlorotoluene	Isopropylbenzene	Vinyl Chloride
Dibromomethane	p-Isopropyltoluene	Total Xylenes

REGULATED INORGANIC CHEMICALS (IOC)

1L

\$185.00

Antimony, Copper, Nitrate Nitrogen, Arsenic, Fluoride, Selenium, Barium, Lead, Sodium, Beryllium, Mercury, Sulfate, Cadmium, Nickel, Thallium, Chromium, Nitrite Nitrogen

W3: WATER QUALITY*

2-250mL and 125mL sterile

\$70.00

Total Coliform, Total Hardness, Manganese, E.coli, Conductivity, Sulfate, Sodium, Iron, Chloride, Calcium, Total Dissolved Solids (by estimation), Fluoride, Magnesium, pH, Nitrate Nitrogen

W3A:

250mL

\$62.00

Same as W3, but without Total Coliform

W4: *

250mL and 125 mL sterile

\$35.00

Nitrate & Nitrite Nitrogen (EPA 353.2), Total Coliform, E. coli

W5: FHA LOAN*

125mL sterile x2

\$95.00

250mL plastic

1L plastic

Total Coliform, Nitrate Nitrogen, Lead, Fecal Coliform, Nitrite Nitrogen, E. coli

* Samples must be received at the laboratory within 24 hours of sampling.



INORGANIC ENVIRONMENTAL

	SUGGESTED SAMPLE SIZE (MINIMUM)	FEE
Acidity	250mL	\$25.00
Alkalinity	250mL	\$20.50
Ash (Percent)	50g	\$15.00
Biochemical Oxygen Demand (BOD) 5-day	1L	\$40.00
Saturday Biochemical Oxygen Demand (BOD)	1L	\$80.00
Soluble Biochemical Oxygen Demand (SBOD)	1L	\$45.00
Carbonaceous Biochemical Oxygen Demand (CBOD) 5-day	1L	\$40.00
Soluble Carbonaceous Biochemical Oxygen Demand (SCBOD)	1L	\$45.00
Chemical Oxygen Demand	250mL	\$35.00
Soluble Chemical Oxygen Demand	250mL	\$40.00
Chloramines	250mL	\$20.00
Chloride (by IC)	125mL	\$20.00
Chloride (colorimetric)	125mL	\$20.00
Chlorine, Residual (in Lab)	500mL	\$22.00
Chlorophyll a	1L	\$40.00
Color	125mL	\$25.00
Conductance (EC)	125mL	\$15.00
Cyanide, Total (Liquid)	250mL	\$40.00
Cyanide, Total (Solid)	25g	\$55.00
Cyanide, Total and Amenable	250mL	\$80.00
Dissolved Oxygen (in Lab)	125mL	\$12.00
Dissolved Phosphorus (same as Orthophosphorus)	125mL	\$21.50
Elutriate Processing	Call for sample size	\$170.00
Extractable Organic Halides (EOX)	25g	\$100.00
Fluoride (by IC)	125mL	\$50.00
Free CO ₂	125mL	\$50.00
Hardness (by ICP (Mg & Ca))	125mL	\$50.00
Hexane Extractable Materials (HEM) (Liquid)	1L	\$75.00
Hexane Extractable Materials (HEM) (Solid)	100g	\$100.00
Hexavalent Chromium (Liquid)	250mL	\$40.00



LANGELIER SATURATION INDEX PACKAGE	250mL	\$75.00
Includes calcium, conductivity, pH & alkalinity		
Nitrogen-Ammonia (soil/sediment)	100g	\$26.00
Nitrogen-Ammonia (liquid, Distillation)	250mL	\$21.50
Nitrogen-Ammonia (discrete analyzer EPA 350.1)	250mL	\$18.00
Nitrogen, Nitrate (ion Chromatography)	250mL	\$18.00
Nitrogen, Nitrate Nitrite (Cadmium Reduction) EPA 353.2	125mL	\$15.00
Nitrogen, Nitrite	250mL	\$22.50
Nitrogen-Total Kjeldahl (TKN)	250mL	\$27.50
Orthophosphate (colorimetric)	125mL	\$21.50
Paint Filter		\$25.00
pH	125mL	\$10.00
pH Adjustment (Type and volume of acid) required to adjust pH to a designated pH)	250mL	\$40.00
Total Phosphorus (colorimetric)	250mL	\$27.00
Phenolics (liquid)	250mL	\$45.00
Phenolics (solid)	100mL	\$60.00
Redox Potential	125mL	\$30.00
RYZMAR STABILITY INDEX PACKAGE	250mL	\$65.00
Includes calcium, conductivity, pH & alkalinity		
Solids, Total Dissolved	250mL	\$25.00
Solids, Settleable	1L	\$20.00
Solids, Total Suspended	250mL	\$20.00
Solids, Volatile Suspended	250mL	\$25.00
Solids, Total	250mL	\$20.00
Solids, Total Volatile	250mL	\$20.00
Specific Gravity (Gravimetric)	100g	\$20.00
SOUR (Specific Oxygen Uptake Rate)	100g	\$65.00
Sulfate (by IC)	125mL	\$20.00
Sulfide (Liquid)	500mL	\$40.00
Sulfide (Solid)	100g	\$60.00
Total Halogens	10g	\$100.00
Total Organic Carbon (Liquid)	250mL	\$35.00
Total Organic Carbon (solids)	5g	\$22.00
Total Organic Nitrogen (Kjeldahl Nitrogen minus Nitrate)	250mL	\$42.50
Total Organic Halides (Liquid)	1L	\$90.00
Turbidity	250mL	\$15.00
Volatile Organic Acids	500mL	\$40.00



INORGANIC METALS

Most elements are analyzed by Inductively Coupled Plasma Optical Emission Spectroscopy (ICP-OES). Enhanced sensitivity for the majority of the elements can be obtained by Inductively Coupled Plasma Mass Spectroscopy (ICP-MS). Some of these elements, notably Arsenic and Selenium, are routinely analyzed by ICP-MS. Mercury is analyzed by Cold Vapor Atomic Absorption (CVAA) or ICP-MS. The Laboratory will select the method deemed to be most appropriate unless the client or a regulatory body specifies a method. Each sample must be prepared by an appropriate method of digestion, filtration or extraction. Charges are shown below.

SUGGESTED SAMPLE SIZE (MINIMUM) FEE

SAMPLE PREPARATION FEES (PER SAMPLE)

Acid Digestion for ICP or ICP-MS	\$20.00
Filtration (0.45 Micron)	\$16.00
Fusion	\$40.00
Extractions	\$20.00

THE FOLLOWING ELEMENTS ARE AVAILABLE FOR LOW LEVEL SENSITIVITY ANALYSIS BY ICP-MS

\$18.00/ea

Antimony	Cadmium	Thallium	Selenium
Arsenic	Lead	Uranium	

THE FOLLOWING ROUTINE ELEMENTS ARE AVAILABLE FOR ANALYSIS BY ICP-OES

\$16.00/ea

Aluminum	Calcium	Magnesium	Potassium	Strontium
Antimony	Chromium	Manganese	Selenium	Sulfur
Arsenic	Cobalt	Molybdenum	Silicon (acid soluble)	Tin
Beryllium	Copper	Nickel	Silver	Titanium
Boron	Iron	Phosphorous	Sodium	Zinc
Cadmium	Lead			

THE FOLLOWING NON-ROUTINE ELEMENTS ARE AVAILABLE FOR ANALYSIS BY ICP-OES

\$30.00/ea

Bismuth	Germanium	Lutetium	Rhodium	Terbium
Cerium	Gold	Neodymium	Rubidium	Thorium
Cesium	Hafnium	Niobium	Ruthenium	Thulium
Dysprosium	Holmium	Osmium	Samarium	Tungsten
Erbium	Indium	Palladium	Scandium	Uranium
Europium	Iridium	Platinum	Tantalum	Ytterbium
Gadolinium	Lanthanum	Praseodymium	Tellurium	Ytterium
Gallium	Lithium	Rhenium		



MERCURY (CVAA) INCLUDING SAMPLE PREPARATION	25g	\$45.00
MERCURY (ICP-MS) INCLUDING SAMPLE PREPARATION	25g	\$38.00
TOTAL IN SOLIDS INCLUDING SAMPLE PREPARATION	50g	\$70.00
LEAD IN PAINT OR SOIL		\$36.00
NPDES PACKAGE FOR WASTEWATER	500mL	\$95.00
Total Cadmium, Chromium, Copper, Lead, Nickel, Zinc (total recoverable or dissolved) (includes sample preparation)		
QUANTITATIVE ICP-OES SCREEN (NOT FOR ASSAY PURPOSES)	10g / 500mL	\$145.00
Aluminum, Arsenic, Barium, Boron, Cadmium, Calcium, Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Molybdenum, Nickel, Phosphorus, Potassium, Selenium, Silver, Sodium, Sulfur, Zinc (includes sample preparation)		
RCRA METALS		
Arsenic, Barium, Cadmium, Chromium, Lead, Mercury, Selenium, Silver		
Drinking Water (includes sample preparation)	500mL	\$150.00
Wastewater (includes sample preparation)	500mL	\$150.00
Solids (includes sample preparation)	100g	\$158.00
TARGET ANALYTE LIST (TAL) METALS	500mL	Water: \$225.00
	50g	Soil: \$235.00
Aluminum, Antimony, Arsenic, Barium, Beryllium, Cadmium, Calcium, Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Nickel, Potassium, Selenium, Silver, Sodium, Thallium, Vanadium, Zinc (includes sample preparation)		
PRIORITY POLLUTANT (PP) METALS	500mL	Water: \$195.00
	100g	Soil: \$215.00
Antimony, Arsenic, Beryllium, Cadmium, Chromium, Copper, Lead, Mercury, Nickel, Selenium, Silver, Thallium, Zinc (includes sample preparation)		



LANDFILL

	SUGGESTED SAMPLE SIZE (MINIMUM)	FEE
Appendix I metals and VOC's		\$260.00
Appendix I metals only		\$200.00
Appendix I trip blank		\$105.00
Appendix I metals, VOC's & Indicator Parameters		\$400.00
Indicators Only		\$180.00
Appendix II		\$600.00
Statistics – Indicator Parameters		\$200.00
Statistics – Indicator Parameters and Appendix I		\$400.00

MICROBIOLOGY

	SUGGESTED SAMPLE SIZE (MINIMUM)	FEE
Aerobic Plate Count	25g	\$20.00

AIR TESTING

Aerobic Plate Count	Air Plate	\$20.00
Mold	Air Plate	\$20.00

WATER

Aerobic Plate Count	125mL sterile	\$20.00
E.coli & Total Coliforms (Quantitray 18hr)	125mL sterile	\$20.00
Fecal Coliforms	125mL sterile	\$20.00
Fecal Streptococcus	125mL sterile	\$20.00
Iron Bacteria	125mL sterile	\$30.00
Legionella	125mL sterile	\$45.00
Microcystin	125mL sterile	\$40.00
Pseudomonas species	125mL sterile	\$20.00
Salmonella (Lateral Flow)	125mL sterile	\$20.00
Sulfate Reducing Bacteria	125mL sterile	\$30.00

EU WATER TEST #1

	2-125mL sterile	\$50.00
Total Coliforms, Aerobic Plate Count 22°C and 37°C		

EU WATER TEST #2

	4-125mL sterile	\$100.00
Coliforms, Fecal Coliform, Aerobic Plate Count 22°C and 37°C, Fecal Streptococcus, Sulfate Reducing Bacteria		

- ▶ Contact Sue Ann Seitz (402) 829-9892 for more information.
- ▶ Our Microbiology staff works seven days a week to provide the fastest possible turnaround time available.



NPDES PERMIT PARAMETERS

	SUGGESTED SAMPLE SIZE (MINIMUM)	FEE
503 Regulations	500 mL	\$190.00
7 Fecal Coliform + & Total Solids (Biosolids)	7-250 mL	\$280.00
Acute Toxicity	2.5 gallons	\$700.00
Ammonia	500 mL	\$21.50
Biochemical Oxygen Demand (BOD)/Carbonaceous		
Biochemical Oxygen Demand (CBOD)	1 L	\$40.00
E.coli	125 mL	\$25.00
Fecal Coliform	125 mL	\$20.00
Hexane Extractable Materials (HEM or Oil & Grease)	1 - 1 L glass	\$50.00
Kjeldahl Nitrogen	250 mL	\$27.50
NPDES Metals (Cadmium, Chromium, Copper, Lead, Nickel, Zinc)	500 mL	\$95.00
Priority Pollutant Metals	500 mL	\$195.00
Total Dissolved Solids	500 mL	\$20.00
Total Nitrogen (TKN - Nitrate)	500 mL	\$42.50
Total Phosphorus	500 mL	\$27.00
Total Suspended Solids	500 mL	\$20.00
TTO (EPA 624 & EPA 625)	3 - 40 mL vial + 3 - 1 L glass	\$330.00



ORGANICS BY GC/MS

EPA 8260B

3-40mL Vials Water: **\$105.00**
8oz. jar Soil: **\$105.00**

Acetone	Dibromomethane	Methyl Methacrylate
Acrylonitrile	1,2-Dichlorobenzene	Ethyl Methacrylate
Allyl Chloride	1,3-Dichlorobenzene	MTBE
Benzene	1,4-Dichlorobenzene	Naphthalene
Bromobenzene	Dichlorodifluoromethane	4-methyl-2 Pentanone
Bromochloromethane	1,1-Dichloroethane	n-Propylbenzene
Bromodichloromethane	1,2-Dichloroethane	Styrene
Bromoform	1,1-Dichloroethene	1,1,2,2-Tetrachloroethane
Bromomethane	cis-1,2-Dichloroethene	1,1,1,2-Tetrachloroethane
2-Butanone (MEK)	trans-1,2-Dichloroethene	Tetrachloroethene
n-Butylbenzene	1,2-Dichloropropane	Tetrahydrofuran
sec-Butylbenzene	1,3-Dichloropropane	Toluene
tert-Butylbenzene	2,2-Dichloropropane	1,1,2-Trichloroethane
Carbon Disulfide	1,1-Dichloropropene	1,1,2-Trifluoroethane
Carbon Tetrachloride	cis-1,3-Dichloropropene	1,2,3-Trichlorobenzene
Chlorobenzene	trans-1,3-Dichloropropene	1,2,4-Trichlorobenzene
Chlorodibromomethane	trans-1,4-Dichloro-2-butene	1,1,1-Trichloroethane
Chloroethane	cis-1, 4-Dichloro-2-butene	1,1,2-Trifluoroethane
Chloroform	Ethylbenzene	Trichloroethene
Chloromethane	Ethyl Ether	Trichlorofluoromethane
Chloroprene	Hexachlorobutadiene	1,2,3-Trichloropropane
2-Chlorotoluene	2-Hexanone (MBK)	1,2,4-Trimethylbenzene
4-Chlorotoluene	Iodomethane	1,3,5-Trimethylbenzene
1,2-Dibromo-3-chloropropane	Isopropylbenzene	Vinyl Acetate
1,2-Dibromoethane	p-Isopropyltoluene	Vinyl Chloride
	Methylene Chloride	Total Xylenes

EPA 624 (Volatiles) TTO (Total Toxic Organics) 3 - 40mL Vials Water: **\$95.00**

EPA 625 (Semivolatiles) TTO (Total Toxic Organics) 3L Water: **\$235.00**

EPA 8270 (Semivolatiles) 3L Water: **\$240.00**

8oz. jar Soil: **\$240.00**



PESTICIDES BY GAS CHROMATOGRAPHY

(Neutral Extractables) (MDA-NEP)

3L Water: **\$150.00**
8oz. jar Soil: **\$150.00**

Acetochlor (Harness)	Deethylatrazine	Pendimethalin (Prowl)
Alachlor (Lasso)	Deisopropylatrazine	Phorate (Thimet)
Ametryn (Evik)	Dimethenamid (Frontier)	Prometon (Pramitol)
Atrazine (Aatrex)	EPTC (Eptam, Eradicane)	Prometryn(Caparol)
Benfluralin (Balan)	Ethalfuralin (Sonolan)	Propachlor (Ramrod)
Bromacil (Hyvar)	Fonofos (Dyfonate)	Propazine (Milogard)
Butachlor (Machete)	Hexazinone (Velpar)	Simazine (Princep)
Butylate (Sutan)	Isophenphos (Oftanol)	Terbufos (Counter)
Chlorpyrifos (Dursban, Lorsban)	Metolachlor (Dual)	Triallate (Far-go)
Cyanazine (Bladex)	Metribuzin(Sencor)	Trifluralin (Treflan)
	Oxadiazon (Ronstar)	

EPA 8081A / 8082 (Organochlorine Pesticides)

3L Water: **\$200.00**
8oz. jar Soil **\$200.00**

4,4'-DDE	Endosulfan II	Toxaphene
4,4'-DDD	Ensodulfan sulfate	alpha-Chlordane
Aroclor 1016	Aroclor 1260	Aroclor 1254
Aroclor 1232	Aroclor 1221	Aroclor 1262
Aroclor 1248	Aroclor 1242	Aroclor 1268
4,4'-DDT	Endrin	alpha - BHC
4,4'-Methoxychlor	Endrin aldehyde	beta - BHC
Aldrin	Endrin ketone	delta - BHC
Dieldrin	Heptachlor	gamma-BHC (Lindane)
Endosulfan I	Heptachlor epoxide	gamma-Chlordane

EPA 8141 (Organophosphorous Pesticides)

3L Water: **\$150.00**
8oz. jar Soil **\$150.00**

Azinphos Methyl	Disulfoton	Phorate
Bolstar	Ethoprop	Ronnel
Chlorpyrifos	Fensulfothion	Sulfotep
Coumaphos	Fenthion	Tetrachlorovinphos
Demeton	Malathion	TEPP
Diazinon	Mevinphos	Tokuthion
Dichlorvos	Ethyl Parathion	Trichloronate
Dimethoate	Methyl Parathion	

EPA 8082 (PCB's)

3L Water: **\$160.00**
8oz. jar Soil: **\$170.00**

Aroclor 1016	Aroclor 1260	Aroclor 1254
Aroclor 1232	Aroclor 1221	Aroclor 1262
Aroclor1248	Aroclor 1242	Aroclor 1268



PETROLEUM CONTAMINATION

(UNDERGROUND STORAGE TANKS AND SURFACE SPILLS)

	SUGGESTED SAMPLE SIZE (MINIMUM)	FEE
OA-1 (BTEX, Hexane, MTBE and TPH for gasoline)	3-40mL vials	Water: \$75.00
	8oz. jar	Soil: \$75.00
OA-2 (as gasoline, diesel, waste oil)	3L	Water: \$85.00
	8oz. jar	Soil: \$85.00
OA-1 & OA-2 Package	3L + 3-40mL vials	Water: \$140.00
	8oz. jar	Soil: \$140.00
Gasoline-range Organics (GRO)	3 - 40mL Vials	Water: \$85.00
	8oz. jar	Soil: \$85.00
Diesel-range Organics (DRO)	3L	Water: \$110.00
	8oz. jar	Soil: \$110.00

WASTE OIL/PETROLEUM

BTUs	100g	\$45.00
Flash Point (Closed Cup)		\$60.00
Polychlorinated Biphenyls in oil (PCB's)	8oz. soil jar	\$95.00
Sulfur (dissolved)	25g	\$60.00
Total Halogens (as Chlorine)		\$110.00

USED OIL PACKAGE

Total Halogens, Arsenic, Cadmium, Chromium, Flash Point, Lead	500mL	\$175.00
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NEW OIL PACKAGE

BTU, Specific Gravity, Sulfur, Moisture	500mL	\$130.00
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ULTRA LOW SULFUR DIESEL

\$60.00

FUEL FINGERPRINT

40mL Vial	\$90.00
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SAMPLING CHARGES

Midwest Laboratories has a trained and experienced field crew capable of sampling time and flow proportioned composites, monitoring wells, and frozen meat or other foods. Labor will be invoiced per man-hour, travel time included. Additional charges may be assessed for hazardous work, confined space entry, or excessively long workdays. Vehicle mileage is charged per mile and equipment charges.

Drive Time	\$55.00/hr
Non-hazardous or non-confined spaces per employee	\$75.00/hr
Hazardous or confined spaces per employee	\$90.00/hr

EQUIPMENT

Sampling and monitoring equipment is available for use on sampling projects by Midwest technicians. Use of equipment other than by Midwest staff will be at the discretion of the laboratory and requires a deposit. Midwest assumes no liability for the use of this equipment by persons other than Midwest employees.



SOIL CORROSIVE TO PIPES

Redox Potential, Conductivity, Resistivity, pH, Chloride, Sulfate,
Sulfide Screen, Percent Solids

\$110.00

SUSPECTED HAZARDOUS AND SOLID WASTE

SUGGESTED SAMPLE SIZE (MINIMUM) FEE

Paint Filter Test \$25.00

IGNITABILITY

Flash Point, Liquid Samples (Closed Cup, 4°-110°C) \$60.00

Flash Point, Solid Samples (Open Cup, 4°-300°C) \$60.00

Flash Point, Petroleum \$60.00

CORROSIVITY

pH Determination 125mL \$10.00

Solid Samples 25g \$12.00

REACTIVITY

Releasable Cyanide \$55.00

Releasable Sulfide \$55.00

Tested for violent reaction with water \$12.00

With strong base (10N NaOH) \$12.00

With strong acid (6N HCl) \$12.00

TOXIC CHARACTERISTICS LEACHING PROCEDURE (TCLP)

TCLP prices include extraction and analysis of "waste" and extraction of
sample per TCLP QC requirements.

TCLP INORGANICS (EXTRACTION AND ANALYSIS) 400g \$240.00

Arsenic Chromium Selenium

Barium Lead Silver

Cadmium Mercury

TCLP VOLATILES (EXTRACTION AND ANALYSIS) 200g \$200.00

(Solids only)

Benzene, 1,1 Dichloroethene, Carbon Tetrachloride, Methyl-Ethyl Ketone

(2-butanone), Chlorobenzene, Tetrachloroethylene, Chloroform

Trichloroethylene, 1,4-Dichlorobenzene, Vinyl Chloride, 1,2-Dichloroethane

TCLP SEMI VOLATILES (EXTRACTION AND ANALYSIS) 200g \$325.00

(Solids only)

Total Cresol, Pyridine, Pentachlorophenol, 1,4-Dichlorobenzene,

Hexachlorobutadiene, 2,4,5-Trichlorophenol, 2,4-Dinitrotoluene,

Hexachloroethane, 2,4,6-Trichlorophenol, Hexachlorobenzene, Nitrobenzene



WATER PACKAGES/HOME OWNERS/SMALL BUSINESS

	SUGGESTED SAMPLE SIZE (MINIMUM)	FEE
W1: LIVESTOCK SUITABILITY	2-250mL	\$50.00
Sodium, Conductivity, Iron, Calcium, Sulfate, Copper, Magnesium, Nitrate Nitrogen, Total Dissolved Solids (by estimation), Chloride, pH		
W2: IRRIGATION SUITABILITY	2-250mL	\$65.00
Sodium, Chloride, Phosphorus, Calcium, Conductivity, Potassium, Magnesium, Sulfate, Boron, Iron, Nitrate Nitrogen, SAR, Copper, pH, Total Dissolved Solids (by estimation), Manganese, Carbonate, Zinc, Bicarbonate		
W3: WATER QUALITY*	2-250mL and 125mL sterile	\$70.00
Total Coliform, Total Hardness, Manganese, E. coli, Conductivity, Sulfate, Sodium, Total Dissolved Solids (by estimation), Chloride, Calcium, Fluoride, Magnesium, Nitrate Nitrogen, pH, Iron		
W3A: SAME AS W3, BUT WITHOUT TOTAL COLIFORM	250mL	\$62.00
W4*	250mL plastic and 125 mL sterile	\$35.00
Nitrate + Nitrite, Total Coliform, Nitrogen (EPA 353.2), E. coli		
W5: FHA LOAN*	125mL sterile x2 250mL plastic, 1L plastic	\$95.00
Total Coliform, Nitrate Nitrogen, Lead, Fecal Coliform, Nitrite Nitrogen, E. Coli		
PH ADJUSTMENT	250mL	\$40.00
Type and volume of acid required to adjust pH to a designated pH		

* Samples must be received at the laboratory within 24 hours of sampling.

XRF TECHNOLOGY

Non-destructive elemental analysis. Measures Concentrations of total individual metals. Geology/Environment, Petrochemical/Polymers, Raw Materials/Mining, Metals, Glass

ENERGY DISPERSIVE X-RAY FLUORESCENCE (ED-XRF)

Total Metals, single element	\$30.00
Rapid Alloy & Metals Composition Determination/Screen (provides major components)	\$92.00
Regulation of Hazardous Substances (RoHS) / Waste Electronic Electrical Equipment Device (WEEE)	\$92.00
Lead Scan	\$25.00
Solid materials (including toys & other consumer products)	

WAVELENGTH DISPERSIVE X-RAY FLUORESCENCE (WD-XRF)

Total Metals, single element	\$30.00
Regulation of Hazardous Substances (RoHS)	F.O.R.
Metals Screen (reports major components of metals and minerals)	\$92.00