

Wetland Biogeochemistry Laboratory (WBL) Analytical and Equipment Use Price List

(08/18)

Gas Analysis Fee Structure					
			<i>Standard turnaround (2-4 weeks)</i>	<i>Priority turnaround (1-2 weeks)</i>	<i>Rush turnaround (<7 business days)</i>
Gas components	Instrument	Cost for instrument use* per hour	Cost per sample submitted for analyses		
Methane	GC-FID	\$25	\$10	\$20	\$30
Carbon dioxide	GC-TCD	\$30	\$12	\$25	\$35
Nitrous oxide	GC-ECD	\$30	\$12	\$25	\$35
Ethylene	GC-FID	\$25	\$12	\$25	\$35
a) Every submitted batch of samples will have a \$50 startup fee. b) A training fee of \$100 for initial instrument use will apply. c) Charges will incur as 1 hour increments. d) All standard gases and septa will be provided. e) Users will need to provide their own syringes/needles. f) Instrument usage is restricted to weekdays from 8 am to 4 pm. Special permission is required for use after hours.					
*Detailed instrument policy will be provided prior to first use					

Other analyses

1.) Soil and Water Enzyme Analyses (list can be provided on request)
 Contact Dr. Kanika Inglett (kanika@ufl.edu) and Sophia Barbour (sophia.barbour@ufl.edu) for more information.

Other instruments available for use

1.) Shimadzu UV-1800 Spectrophotometer
 2.) BioTek Synergy HT Microplate Reader
 3.) Shimadzu TOC-L/TNM-L Analyzer
 4.) Thermo FlashEA 1112 NC Soil Analyzer
 Contact Dr. Patrick Inglett (pinglett@ufl.edu) and Sophia Barbour (sophia.barbour@ufl.edu) for more information.

Instrument use policy

- a) Planning and signing up for instrument use is strongly encouraged.
- b) Charges will be from the time you log in to the time you log out, so please be mindful of logging out before you leave.
- c) To allow fair use of the instrument, you may cancel your reservation up to 24 hr before your planned usage. If the user doesn't show up at reserved time there will be a charge for 1 hr + startup fee (\$50).
- d) For lab/student safety, instrument use is restricted to weekdays from 8 am to 4 pm. Special permission is required to use the instrument after hours.
- e) Users need to bring their own syringes.
- f) Before signing up, please have all your gear ready.
- g) To ensure the efficient functioning of the instrument, all instructions to startup and shut down the instruments NEED to be strictly followed. Any deviation from the protocol may result in the inability of the user to use the instrument in the future.

\$ per sample*		
Parameter	<i><100 Samples per shipment</i>	<i>>100 Samples per shipment</i>

Water

SRP	9.00	7.00
NH ₄	9.00	7.00
NO _x -N	10.00	8.00
Total Kjeldahl N	11.00	8.50
Total P, Persulfate Block Digestion	11.00	8.50
Total Organic C / Total N (Chemiluminescence)	Seawater 16.00 / Fresh water 11.00	Seawater 13.00 / Fresh water 8.00
Ion Chromatography	13.00	10.00

Soil/Plant

Loss on Ignition	7.00	5.50
Total P, ash	22.00	16.50
Total Kjeldahl N	18.00	13.50
Total Kjeldahl P	19.00	14.00
Total N&C (EA)	9.00	7.00
Total N&C (EA) w/weighing	11.00	9.00
Extraction (KCl, K ₂ SO ₄ , etc.)	11.00	8.50
Extractable NH ₄	20.00	15.00
Extractable NO ₃	22.00	16.50
Extractable NH ₄ /NO ₃	30.00	23.00
Extractable SRP	20.00	15.00
Extractable DOC	22.00	16.50
Extractable TN	22.00	16.50
Extractable TP	22.00	16.50
HCL Extractable P _i	20.00	15.00
Fiber Fractionation (Cellulose only)	17.00	14.50
Fiber Fractionation (Cellulose & Lignin)	35.00	29.00
Total Inorganic C	10.00	8.00

\$ per sample*		
Parameter	<i><50 Samples per shipment</i>	<i>>50 Samples per shipment</i>

Miscellaneous

Inorganic P Fractionation	190.00	150.00
P Isotherm (per point)	22.00	17.50
Microbial Biomass C/N	40.00	35.00
Microbial Biomass P	40.00	35.00

Sample Prep

Sample Analysis Prep (dep on sample type)	4.00-20.00	4.00-20.00
Soil Screening/Prep	10.00	10.00
Drying, Oven (w/ moisture content)	3.00	3.00
Drying, Lyophilization	5.00-10.00	5.00-10.00
Grinding (Wiley Mill)	5.00	3.50
Grinding (Ball Mill)	6.00	4.50
Grinding (Mortar/Pestle)	12.00	9.00

*Prices are subject to change. Verify the cost of analysis prior to sample submission.

Data will not be released until payment/fund transfer has been verified.

Cost of shipping back samples or coolers will be at the expense of the customer.